

A short term training programme on
**"Modelling of Buildings using
STADD Pro"**
May 10th – 18th, 2016

Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence: _____

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : May 2nd, 2016

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
"Modelling of Buildings using STADD Pro"
May 10th – 18th, 2016



Organized

by

Department of Civil Engineering



**Vignan'S Foundation for Science,
Technology and Research(VFSTR)**

(Deemed to be University),
Guntur ·Tenali Rd, Vadlamudi,
Andhra Pradesh 522213

A SHORT TERM TRAINING PROGRAMME ON

MODELLING OF BUILDING USING STAAD PRO

May 10th – 18th, 2016

at

Structural Engineering Simulation Lab, AFF-08

Resource person: Mr. M. Anirudh

Coordinator: Mr. B. J. N. Satish



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

DEPARTMENT OF CIVIL ENGINEERING

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH

VADLAMUDI

GUNTUR-522213, ANDHRA PRADESH, INDIA.

A short-term training programme on
"Modelling of Buildings using STADD Pro"
May 10th – 18th, 2016

Certificate of Participation





































This is to certify that Mr.B.Chintaiah of VFSTR has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Road, Vadlamudi, Andhra Pradesh, India.

Head of the Department

CONVENER



Name of the program: A short term training programme on “Modelling of Buildings using STADD Pro”

Attendance Sheet											
S.No	Name of the participants	Signature									
		5/10/2016	5/11/2016	5/12/2016	5/13/2016	5/14/2016	5/15/2016	5/16/2016	5/17/2016	5/18/2016	
1	Mr.B.Chintaiyah										
2	Mr.Ch.Phanendra Kumar										
3	Mr.B.Anil Kumar										
4	Mr.M.Ravindra Babu										

Name of the program:- A short term training programme on "Modelling of Buildings using STAAD Pro"

Date of Program:- 10-05-2016 to 18-05-2016 (9 days)

Description:- In every aspect of human civilization we needed structures to live in or to get what we need. But it is not only building structures but to build efficient structures so that it can fulfill the main purpose for what it was made for. Here comes the role of civil engineering and more precisely the role of analysis of structure. The design consists of C+G+5 residential and Commercial building. The building is designed for the six residential flats. Residential flat consists of one 3BHK and three 2BHK. The floor to floor distance is 3m. There are many classical methods to solve design problem, and with time new software's also coming into play. Here in this project work based on software named "STAAD. Pro" has been used.

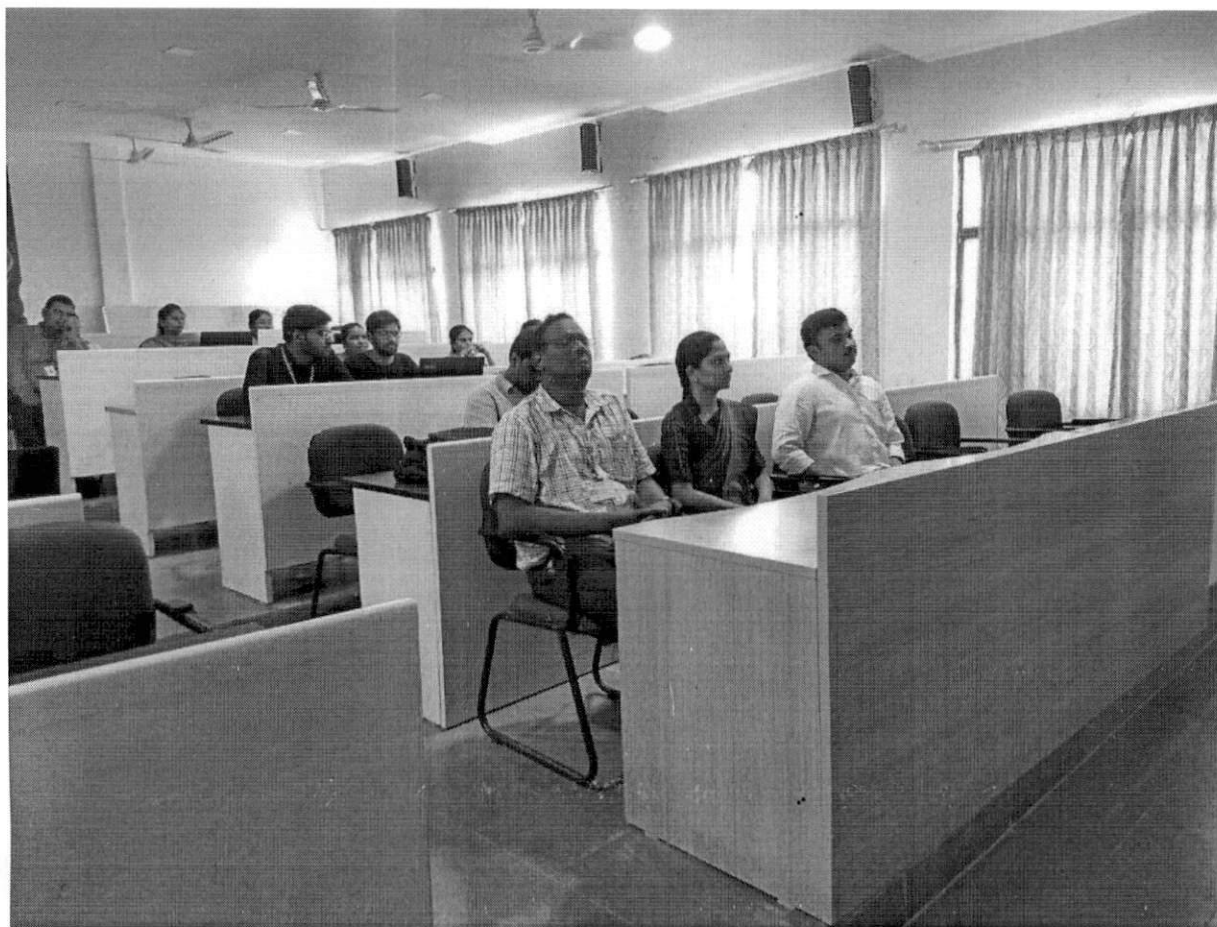
Few standard problems also have been solved to show how "STAAD. Pro" can be used in different cases. These typical problems have been solved using basic concept of loading, analysis, condition as per IS code. These basic techniques may be found useful for further analysis of problems. STAAD Pro features a state-of-the-art user interface, visualization tools, powerful analysis and design engines with advanced finite element and dynamic analysis capabilities. From model generation, analysis and design to visualization and result verification, STAAD Pro is the professional's choice for steel, concrete, timber, aluminum and cold-formed steel design of low and high-rise buildings, culverts, petrochemical plants, tunnels, bridges, piles and much more. To perform an accurate analysis a structural engineer must determine such information as structural loads, geometry, support conditions, and materials properties. The results of such an analysis typically include support reactions, stresses and displacements. This information is then compared to criteria that indicate the conditions of failure. Advanced structural analysis may examine dynamic response, stability and non-linear behavior. Few standard problems also have been solved to show how "STAAD. Pro" can be used in different cases. These typical problems have been solved using basic concept of

loading, analysis, condition as per IS code. These basic techniques may be found useful for further analysis of problems.

STAAD Pro is one among the most acclaimed structural analysis & design software used by civil engineers worldwide. This monograph presents a systematic approach for creating structural models, and performing analysis and design of structural systems using STAAD Pro software. The course contains totally 10 sections, with an introductory section discussing the fundamentals of finite element method as applicable to structural engineering design problems. A special section discussing the modelling strategy of shear wall/infill wall using plate finite elements and different meshing techniques to be followed is presented. The unique feature of this course is, its pictorial representation of STAAD Pro window illustrating the step by step procedure to be followed by the reader in learning the software. This course will be beneficial to the practising engineers and civil engineering students, willing to learn the STAAD Pro software on their own, and will also serve as a quick reference for consulting structural engineers in design offices.

There are many classical methods to solve design problems, and with time new software's also coming into play. Here in this project work based on the software named Staad Pro has been used. From model generation, analysis and design to visualization and result verification, STAAD Pro is the professional's choice for steel, concrete, timber, aluminum and cold-formed steel design of low and high-rise buildings, culverts, petrochemical plants, tunnels, bridges, piles and much more. Advanced structural analysis may examine dynamic response, stability and non-linear behavior. Few standard problems also have been solved to show how "STAAD. Pro" can be used in different cases. These typical problems have been solved using basic concept of loading, analysis, condition as per *IS code 456:2000*. These basic techniques may be found useful for further analysis of problems.

Photo:-



Attendance sheet:-

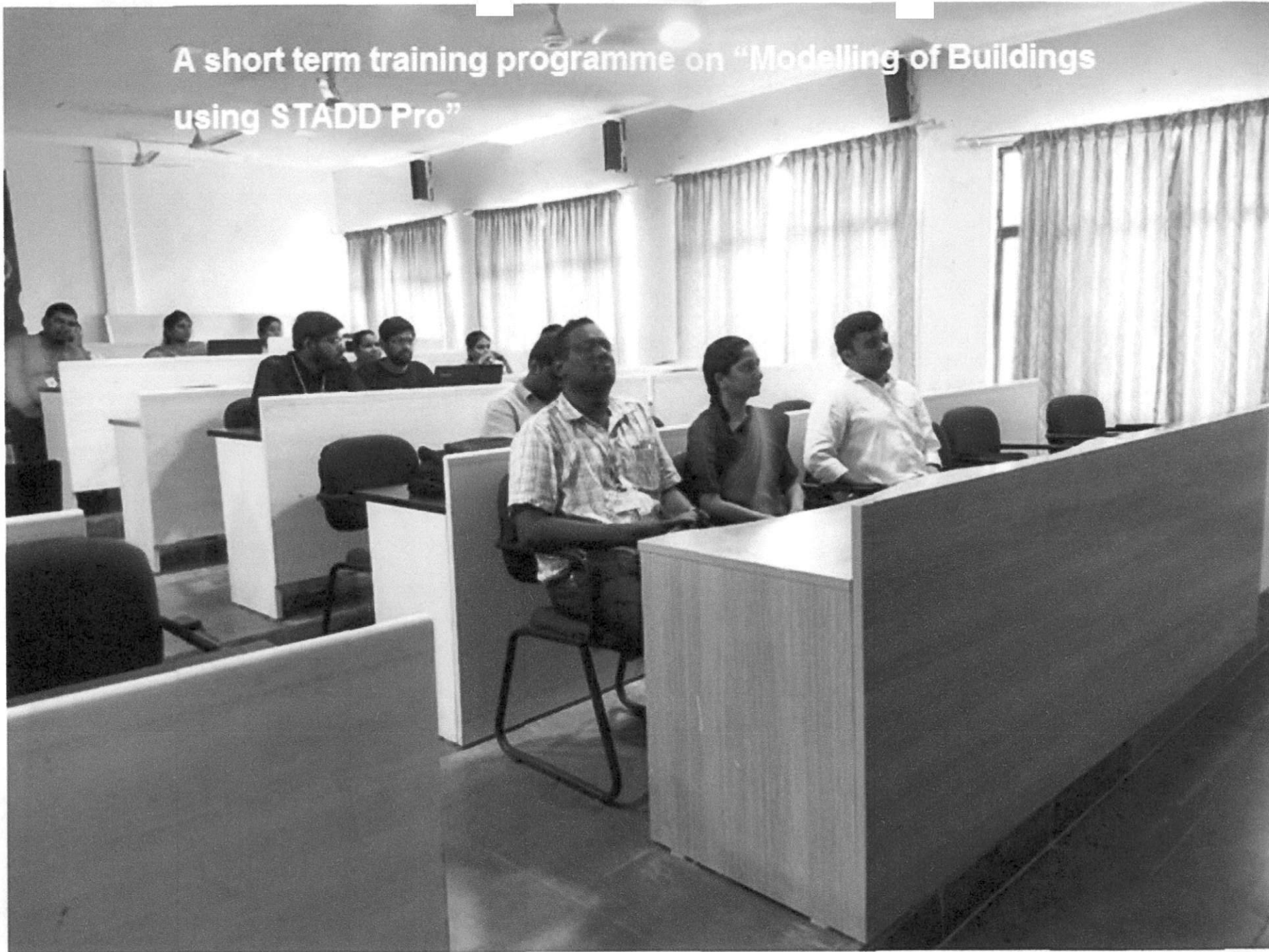
S.No	Name of the participate	College/university	Signature
1.	Mr.B.Chintaiah	Vignan's University	<i>[Signature]</i>
2.	Mr.Ch.Phanendra Kumar	Vignan's University	<i>[Signature]</i>
3.	Mr.B.Anil Kumar	Vignan's University	<i>[Signature]</i>
4.	Mr.M.Ravindra Babu	Vignan's University	<i>[Signature]</i>

B.T.N. Satish
Co-ordinator

A.V. Hebsur
Head
Department of Civil Engineering
Vignan's University
Vadlamudi, Guntur-522 213

2016-17

A short term training programme on "Modelling of Buildings
using STADD Pro"





VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established under UGC Act of 1956)

A Training Programme on
Standardisation of pH meter, conductometer
30th June to 04th July, 2016



Venue :
Engineering Chemistry Lab,
ATF - 01, U- Block, Vignan University

Organised by
Division of Chemistry
DEPARTMENT OF SCIENCES & HUMANITIES

About the VIGNAN GROUP

Vignan, founded in 1977 by Dr. L. Rathaiiah, a visionary educationalist, is today one of the largest Group of Educational Institutions in the state of Andhra Pradesh. With a student base of 45,000, today the Group caters to the educational needs of students from kindergarten to tertiary level. The Group has a host of schools and colleges, seven engineering colleges and three pharmacy colleges apart from one University.

Vignan University (VFSTR), the flagship institution of the Group offers to its students quality academic programmes, innovative leadership development opportunities and a stimulating campus environment. The University strives to make the experience of each student a transformative one. The institution is NBA accredited, NAAC accredited with 'A' grade and has ISO 9001-2008 certification. Located in Vadlamudi, a suburb of Guntur city, the University provides a pollution free, clean environment. Vignan University offers B.Tech. (15 disciplines), M.Tech. (18 Specialisations), MBA, BBM, MCA and Doctoral programmes. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

Department of Science & Humanities

The Department caters the needs of core Engineering departments and offers due conceptual knowledge in the backdrop of technical upgradation. There is a symbiotic relationship between Mathematical sciences, humanities and Engineering. Engineering programmes must demonstrate the application of knowledge of Mathematics and Science. The Knowledge of essential facts, concepts and theories relevant to their chosen discipline will get offered at our department. The department has wide range of extra-curricular programmes to sensitize the students towards social, cultural, ethical and humane issues/values involved in professional environment. The department has competent faculty members with a high degree of excellence who keep pace with the current developments in their fields of specialization.

Objective

Technician training will provide you the knowledge about laboratories and the practical skills to operate state art analytical instruments such as pH meter, conductometers etc., The laboratory relates to the practical applications of chemistry and the development of the necessary hand-on-basic techniques and skills. The laboratory sessions include a topics related to lab-safety produces and practices.

The topic to be covered in the training programme :

The training programme involves

- ⇒ use of analytical balance.
- ⇒ use of glass works
- ⇒ Preparation of standard solutions
- ⇒ use of pH meter & conductometer
- ⇒ preparation of buffer solution
- ⇒ Calibration of pH meter & conductometer
- ⇒ Demonstration of pH meter & Conductometer

Resource Person :

Dr. N. Srinivasu, Head, S&H

Mobile : 9866279979

e_mail : navulurisrinivasu@gmail.com

Coordinator

Dr. D. Nagaraju

Mobile: 9030784939

Email: naag1977@gmail.com



VIGNAN'S
Foundation for science, technology & Research
UNIVERSITY
(FESTER 44, T-14, UGC Act of 1956)

Department of Science & Humanities
Division Chemistry

Training Programme on
"STANDARDISATION OF P^H METER, CONDUCTOMETERS"

30.06.2016 to 04.07.2016

S. No	Emp. Code	Name of Participant	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	
2	01410	Mr. Bangaru Balakrishna	Programmer	
3	00792	Mrs. K. Neelima	Lab Asst.	
4	01407	Ms. N. Jyothi	Lab Asst.	
5	01409	Mr. M. Prasad	Lab Asst.	

Dr. D. Nagaraju
Co-ordinator

Dr. N. Srinivasu
Resource Person, HoD, S&H



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established by the Government of Andhra Pradesh)

Department of Science & Humanities
Division Chemistry

REPORT

Training Programme on
"STANDARDIZATION OF P^H METER, CONDUCTOMETERS"

30.06.2016 to 04.07.2016

The Training Programme was conducted at Engineering Chemistry Lab in the department of S&H, VFSTR University by Dr. D. Nagaraju. The resource person for training sessions was Prof. N. Srinivasu, HoD, Dept of S&H. He along with technicians of the department participated in the sessions which was conducted from 30.06.2016 to 04.07.2016.

This training programme started with a lecture on the preparation of buffer solutions on 30.06.2016. The resource person explained the preparation of 0.1N KCl solutions. Practice session was conducted on 01.07.2016.


Day 1, 2 : Preparation of buffer solution $P^H = 4.0$ $P^H = 9.2$


Preparation of 0.1N KCl Solution

Day 3, 4 : Resource person explained the theory regarding P^H metric titrations. Demonstrate the p^H meter for standardisation of p^H meter with the help of prepared buffer solution.

Day 5 : Resource person explain the theory on conductometric titrations of acid base titrations. Demonstrate the experiment in the afternoon session.

Conclusion : The lab technicians learned the standardization of P^H meter, conductometers. This trainings helps them to support B.Tech students for their regular Lab Work


Dr. D. Nagaraju
Co-ordinator


Dr. N. Srinivasu
Resource Person, HoD, S&H



Resource person demonstrate the Conductometer



Resource person Observes the pH meter

REGISTRATION FORM

Faculty Development Programme

on

LAMP Linux, Apache, MySQL, PHP

Full Name :
Age :
Gender : Male / Female
Qualification :

Organization :

Address for
Communication :

e-mail :

Contact No :

Signature of the

Signature of Head of the Institution

Chief patrons:

Dr. L. Rathaiah, Chairman, Vignan Group
Sri L. Srikrishnadevarayulu, Vicechairman

Patrons:

Dr. K. Ramamurthy Naidu, Chancellor ,
VFSTR

Dr. C. Thangaraj, Vice-chancellor,
VFSTR

Co-patrons:

Comd. Dr. M.S.Raghunatham, Registrar

Dr. V. Madhusudhan Rao
Dean, Engineering &
Management, VFSTR

Advisory Committee:

Dr. N. Ganeswara Rao, HOD,
CSE

Dr. K.V. Krishna kishore
Professor, Dean LIB
& IT. Services

Resource persons:

Mr. Ravi kumar
Sr. Research engineer, Finland
labs

Mr. Kuldeep
PHP Developer, Finland labs.

Coordinator:

Mr. T. Ravi Prasad
Asst. Prof, Dept of CSE, VFSTR

Co- coordinator:

Ms. Sajja Radha Rani
Asst. Prof, Dept of CSE, VFSTR

A Fifteen Days FDP

on

“LAMP (Linux, Apache, MySQL,
PHP)”

25th May -10th June 2016



Venue :

VPTF – 01, Third Floor, Pharmacy Block, Vignan
University.

Organised by:

Department of
Computer Science & Engineering



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India

www.vignanuniversity.org

Land: 0863-2344732 Ext: 484

Mob : 9000239485

e-mail: pr_cse@vignanuniversity.org

ABOUT UNIVERSITY

VFSTR University, the flagship institution of Vignan Group of Educational Institutions, is a NAAC 'A' accredited institution, ranked 88 by National Institutional Ranking Framework of MHRD, Government of India. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, the university with its sprawling play grounds, campus greenery and imposing academic blocks, is a virtual haven of rural quiet and idyllic beauty. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. Through diverse programs and updated curriculum and by imparting industry exposure and hands-on skills, the university trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. All the departments are supported by a good mix of young and senior faculty with a rich research, teaching and industry background.

About CSE Department

Computer Science and Engineering is the soul and psyche of many engineering branches. These fields are instrumental in bringing the world to where it is today Computer Science & Engineering (CSE) course was started in the year 1997 in this institution Department of CSE has well-qualified and experienced faculty who are specialists in the areas of Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Programming Languages. There are around 50 dedicated faculty members with good amount of experience in these different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in plant training programs, where they hone their technical skill in the realm of computers. Department of CSE offers the following UG and PG programs.

About workshop

LAMP (Linux, Apache, MySQL, PHP/Perl/Python) is a very common example of a web service stack, named as an acronym of the names of its original four open-source components: the Linux operating system, the Apache HTTP Server, the MySQL relational database management system (RDBMS), and the PHP programming language. The LAMP components are largely interchangeable and not limited to the original selection.

Resource Persons Profile

Mr. Ravi Kumar: Currently Working as Research and Development Engineer in Finland Labs, New Delhi. He did his B.Tech (CSE) from ICFAI University Dehradun. On Behalf of Finland Labs and Revert Technology pvt. Ltd. delivered a Technical Corporate Training to Different Organizations and Delivered Seminars, Trainings, Workshops in Association with IIT-Roorkee. In India at different Platforms. He delivered more than 80 Workshops.

Mr. Kuldeep: Currently working as PHP developer in Finland labs, New Delhi. He provides training and developments to industry and colleges on linux & windows environment. He also develops and maintain website for company and client on these environments in php.

Topics to be Covered

- Introduction to Linux
- Installation of LAMP stack
- Terminal commands
- Introduction to version control and Git
- Introduction to HTML Elements and HTML Forms
- CSS Basics, Styling with CSS
- Javascript basics, JQuery
- Bootstrap
- PHP Basic-Language constructs
- PHP OOP concepts
- MYSQL basics, PHP assignment
- Laravel, Laravel project
- Based on time availability, bonus, additional topics like vuejs will be covered.

Registration Fee

Faculty : Nil

Important Dates

Last date for Registration :

20-05-2016

Last date for Confirmation :

23-05-2016

25-5-2016

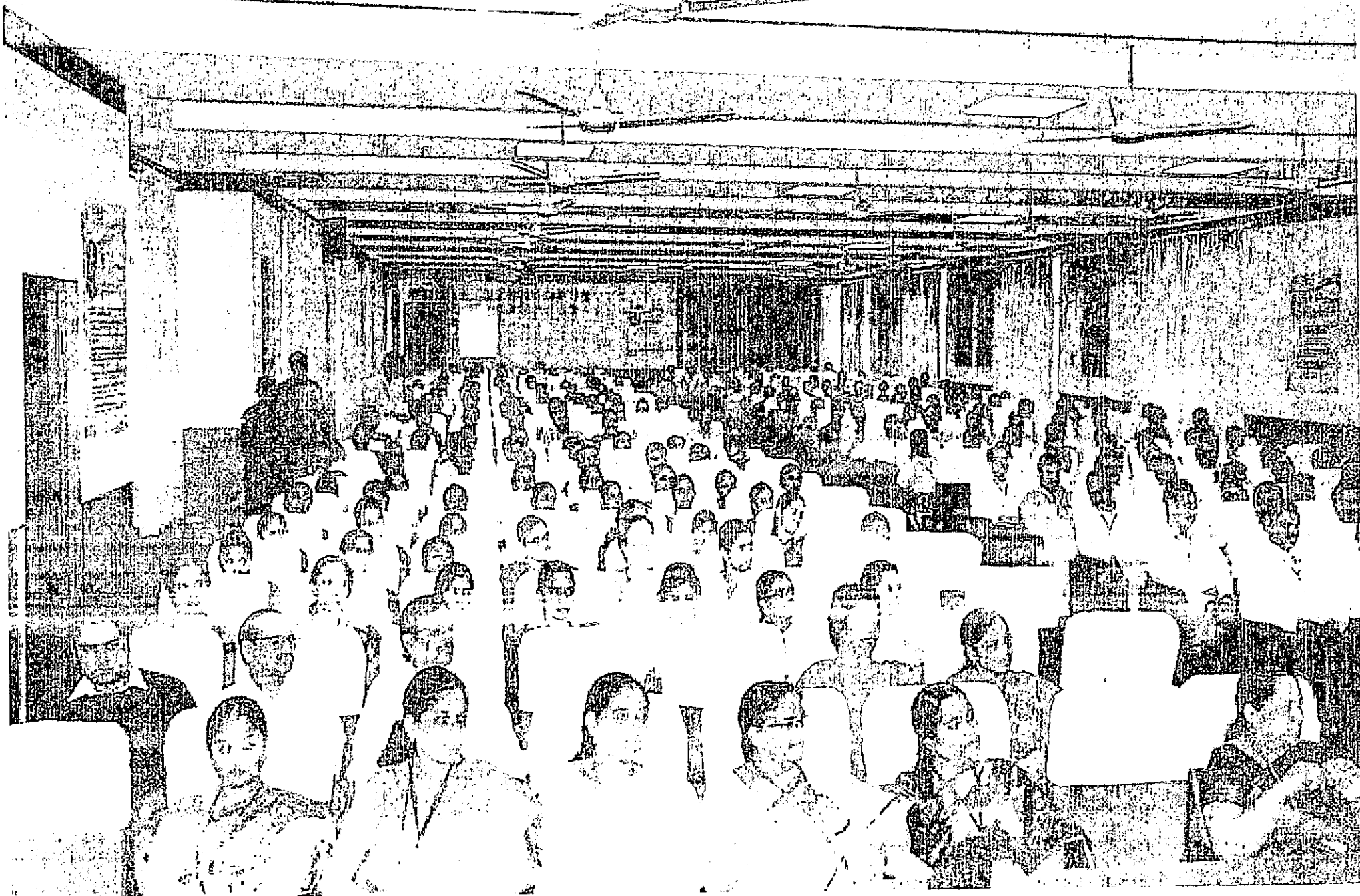
FDP on LAMP

Resource Person : Mr. Ravi Kumar



FDP on LAMP

25-5-2016





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UNIVERSITY
(Estd u/a 3 of UGC Act of 1956)

Department of Computer Science and Engineering

Faculty Development Programme

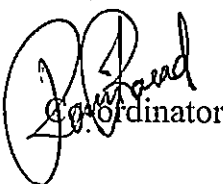
on

LAMP Linux, Apache, Mysql, PHP

25th May -10th June 2016

S.No.	Name	Designation	Institute	Signature
1	Mr. S. Deva Kumar	Asstt. Professor	Vignan university	
2	Mr. S V Rama Krishna	Asstt. Professor	Vignan university	
3	Dr. D. Venkatesulu	Professor	Vignan university	
4	B Jyostna Devi	Asstt. Professor	Vignan university	
5	P. Jhansi Lakshmi	Asstt. Professor	Vignan university	
6	J.Amar	Asstt. Professor	Vignan university	
7	D.S. Bhupal Naik	Asstt. Professor	Vignan university	
8	Dr. K. Hemantha Kumar	Associate Professor	Vignan university	
9	B Suvarna	Asstt. Professor	Vignan university	
10	G Parimala	Asstt. Professor	Vignan university	
11	S V Phani Kumar	Asstt. Professor	Vignan university	
12	K V Ranga Rao	Asstt. Professor	Vignan university	
13	Dr.D Rajesh setty	Associate Professor	Sri vasavi engineering college	
14	G Pavan	Asstt. Professor	Sir CR Reddy Engineering college	
15	Ch V Rami Reddy	Asstt. Professor	Vignan university	
16	Dr.K.Satyanarayana	Associate Professor	Sir CR Reddy Engineering college	
17	P.Santhi	Asstt. Professor	Malineni Lakshmaiah Engineering college, Singarayakonda	
18	D Yakobu	Asstt. Professor	Vignan university	
19	K.Sarada	Asstt. Professor	Malineni Lakshmaiah Engineering college, Singarayakonda	
20	R.Sai Chandana	Asstt. Professor	JNTUA University	
21	D Veeraiah	Asstt. Professor	Vignan university	

22	S.Radha Rani	Asstt. Professor	Vignan university	S Radha
23	D.Radha Rani	Asstt. Professor	Vignan university	
24	M.Bhargavi	Asstt. Professor	Vignan university	
25	Dr. N GaneswaraRao	Professor	Vignan university	N Gnan
26	Mahesh Ubale	Asstt. Professor	Vignan university	
27	Saranu Charitha Sri	Asstt. Professor	GVP college of engineering	Saranu
28	S Siva Prasad	Asstt. Professor	Vignan university	S Siva Prasad
29	Likhitha Lakshmi	Asstt. Professor	Pragati engineering college	
30	Haridasu Rajeswari	Asstt. Professor	Pragati engineering college	Haridasu
31	T Praveen Aravind	Asstt. Professor	Vignan university	Praveen
32	Dr.P.Lakshmi Chandrika	Professor	VNITSW	Lakshmi
33	Dr.PONNAGANTI VENKATA NAGA GOPI	Professor	VNITSW	Ponnaganti
34	K.Srinivasa Rao	Asstt. Professor	Vignan university	K. Srinivas
35	Nikhilteja Tangella	Asstt. Professor		Nikhil
36	Bhyravarapu Sriram	Asstt. Professor	Vignan university	
37	I.Leela Priya	Asstt. Professor	Vignan university	
38	Dr.K.Sriraman	Associate Professor	Vignan university	K. Sriraman
39	R.lavanya	Asstt. Professor	VNITSW	R. Lavanya
40	Ravipati Jaya Prakash	Asstt. Professor	VNITSW	R. Jaya Prakash


Coordinator


HoD
HOD

Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

DEPARTEMENT OF

COMPUTER SCIENCE & ENGINEERING

A REPORT ON
FACULTY DEVELOPMENT ON
LAMP Linux, Apache, Mysql, PHP
Organised by
Department of Computer Science & Engineering

Title: Faculty development on LAMP Linux, Apache, Mysql, PHP
Dates: 25th-May -10th-June 2016

Preamble:

The Faculty development on LAMP Linux, Apache, Mysql, and PHP of has been conducted from 25th May to 10th June, 2016 by department of computer science and engineering, VFSTR, Guntur.

Participants Profile:

A total of 40 delegates were participated.

Description about the program:

On the Inaugural function, Dr. N. Gnaneshwar rao Head of the department of Computer Science and Engineering addressed the gathering; he has explained the importance of Linux, apache, MySQL, php After immediately completion of inauguration the session were started, Resource person explained about Linux operating system and shown some examples with commands in Linux then after he took hands on session for PHP with MySQL

All the participants were attended the session and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many queries raised by the participants.

Mr T. Ravi Prasad proposed vote of thanks

The entire program was co-ordinated with the support of the head of the department, faculty, non teaching staff of the department of computer science and engineering, VFSTR, Guntur.

Feedback:

All the participants expressed their gratitude to staff of department of computer science and engineering, VFSTR, Vadlamudi, Guntur, 522213, Andhra Pradesh, for enhancing the knowledge levels in communication.

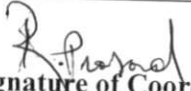
Future perspectives:

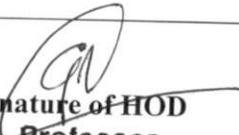
The department of computer science and engineering looking forward to organize future training program on advanced concepts to strengthen the knowledge levels of research scholars, faculty and programmers.

Report submitted by: Mr. T. Ravi Prasad

Designation: Asst Professor

Department: Computer Science and engineering


Signature of Coordinator


Signature of HOD
Professor

Dept. of Computer Science & Engineering
Vignan's Foundation For Science
Technology & Research University
VADLAMUDI 522 213
GUNTUR DIST., A.P. INDIA

REGISTRATION FORM

Faculty Development Programme

on

**Android Application
Development**

27th to 30th June, 2016

Full Name :

Age :

Gender : Male / Female

Qualification :

Designation :

Organization :

Address for
Communication :

e-mail :

Contact No :

Signature of the
Applicant

Signature of Head of the Institution
with Seal (Optional)

Chief Patrons

Dr. L. Rathaiah, Chairman, Vignan Group

Sri L. Sri Krishnadevarayulu,
Vice Chairman.

Patrons

Dr. K. Ramamurthy Naidu,
Chancellor, VFSTR

Dr. C. Thangaraj, Vice-chancellor, VFSTR

Co-Patrons

Dr. V. Madhusudhan Rao, Dean, Engineering &
Management, VFSTR University

Dr. K. V. Krishna kishore
Professor, Dean LIB & IT. Services

Convener

Dr. N. Gnaneswara Rao
Professor and Head/CSE
VFSTR University

Co-ordinator

Mr. Ch. Madhu Babu Assistant
Professor/CSE
VFSTR University

Organizing Committee

All Faculty of CSE Department

Faculty Development Programme

on

**Android Application
Development**

27th to 30th June, 2016



Organised by :
Department of

Computer Science & Engineering



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India
www.vignanuniversity.org

Land : 0863-2344700 Ext : 225 Mob :
9703551269

e-mail : hodcse@vignanuniversity.org

ABOUT UNIVERSITY

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About CSE Department

Computer Science and Engineering is the soul and psyche of many engineering branches. These fields are instrumental in bringing the world to where it is today. Computer Science & Engineering (CSE) course was started in the year 1997 in this institution. Department of CSE has well-qualified and experienced faculty who are specialists in the areas of Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Programming Languages. There are around 50 dedicated faculty members with good amount of experience in these different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in plant training programs, where they hone their technical skill in the realm of computers. Department of CSE offers the following UG and PG programs.

About FDP

Android is a free, open source problem. It is a Linux-based, multiprocessing, multithreaded OS, Android provides a rich application framework that allows you to build innovative apps and games for mobile devices in a Java Language environment. It provides an adaptive app framework that allows you to provide unique resources for different device configurations. The main goal of this workshops is to give you an idea of how to start developing applications for mobile devices using Android OS. The workshop has been designed to give you live demos and hands on experience in developing Android Apps using Apple iMac Computers.

Resource Persons Profile

Prof. M Ramasubba Reddy: Currently working as professor, Heading the Bio-Medical Engineering Group, in the Dept of Applied Mechanics, IIT Madras. He did Ph.D from IISc Bangalore in the area of Bio-medical Signal Processing. He received two gold medals in the faculty of Engg., IISc Bangalore for his Ph.D thesis in the year 1991. He published 30 papers in peer reviewed journals and 86 papers in international and national conferences and also co-authored two books. His research interest is Bio-medical Instrumentation, Bio-medical Imaging system and Bio-medical signal processing.

Dr. T M Sridhar: Currently working as Asst. Professor Department of Analytical Chemistry, University of Madras. He has 18 years of teaching and research experience. He was awarded the Pikovsky Valachi Post Doctoral Fellow at the Faculty of Engineering, Tel-Aviv University, Israel. He is currently the Vice president, Indian Society of Analytical Scientist, Chennai Chapter, Secretary, NACE International Gateway India Section South Zone and Former Secretary of Society for Biomaterials and Artificial Organs, (SBAOI) India 2011-14. He was awarded Best Ph.D Thesis award 2001-02 by NACE International (Houston, USA), India Section in 2001. He has published 25 research papers in International Journals and 70 papers at international and national conferences. His research interest is Bio-medical instrumentation, Bio-sensors, Imaging techniques for bio-materials and medical devices.

Topics to be covered

Topics to be Covered :

- ✓ Introduction to Android Platform, Brief History, Current Trends, Career Prospects in Android.
- ✓ Overview of Java Programming for Android.
- ✓ Using various components like UI Widgets, Threads, Services, Network, Multimedia, Social Intergation.
- ✓ Live Development of fully functional Android App.



Registration Fee

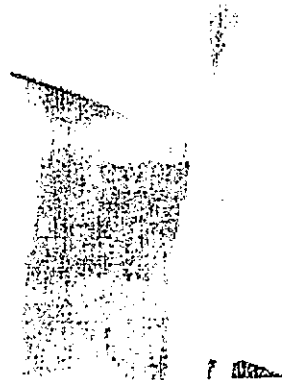
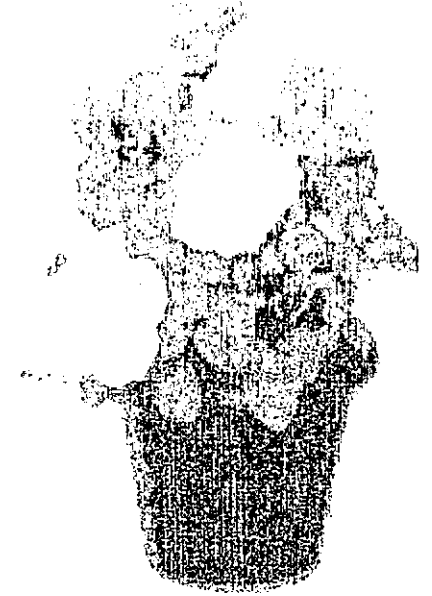
Faculty : Nil

Important Dates

Last date for Receipt of Registration : 23-06-2016
Last date for Confirmation : 25-06-2016

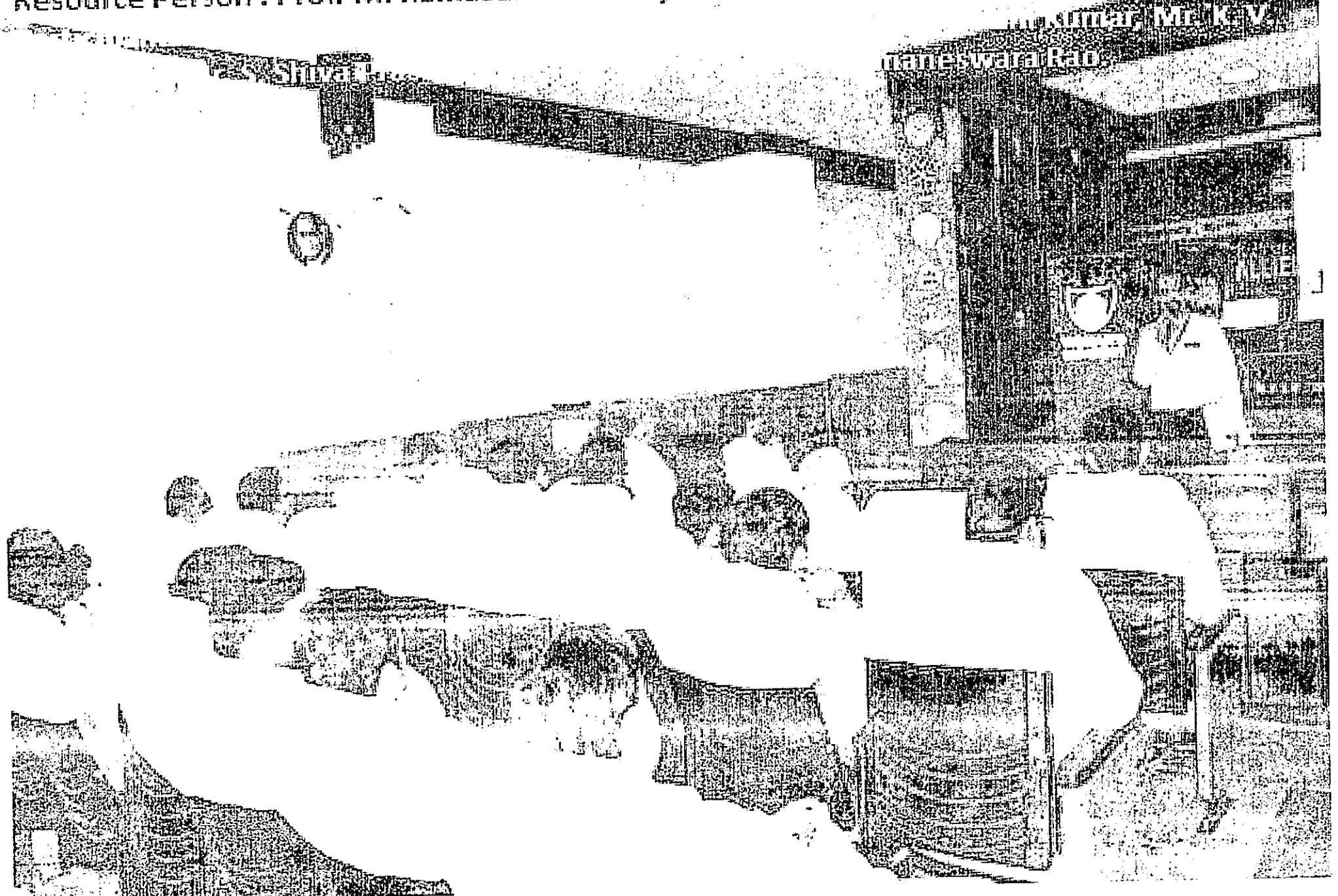
FDP on Android Application Development
Resource Person :Dr. T. M. Sridhar

27-06-2016



FDP on Android Application Development
Resource Person : Prof. M. Ramasubba Reddy

27-06-2016





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Department of Computer Science and Engineering

Faculty Development Program

on


Android Application Development

27-06-2016 to 30-6-2016

S.No.	Name	Designation	Institute	Signature
1	S V Phani Kumar	Asstt. Professor	Vignan university	
2	K V Ranga Rao	Asstt. Professor	Vignan university	
3	R. Prathap Kumar	Asstt. Professor	Vignan university	
4	B Krishna Prasad	Asstt. Professor	Vignan university	
5	Ch V Rami Reddy	Asstt. Professor	Vignan university	
6	T. SatyaNarayana Murthy	Asstt. Professor	Vignan university	
7	Mr G Sridhar Reddy	Asstt. Professor	Vignan university	
8	Goriparthi Gouthami	Asstt. Professor	Acharya Nagarjuna University	
9	ILLA YAMINI PRATHYUSHA	Asstt. Professor	Acharya Nagarjuna University	
10	N S B Kishore	Asstt. Professor	Vignan university	
11	Dr. K. Hemantha Kumar	Associate Professor	Vignan university	
12	S. Deva Kumar	Asstt. Professor	Vignan university	
13	S V Rama Krishna	Asstt. Professor	Vignan university	
14	Gayathri	Asstt. Professor	Vignan Lara	
15	Ramya	Asstt. Professor	Vignan Lara	
16	Mounika Bipynedi	Asstt. Professor	Vignan Lara	
17	B.Rakesh	Asstt. Professor	Vignan Lara	
18	Srikanth Bolla	Asstt. Professor	Vignan Lara	
19	B.Balaji	Asstt. Professor	Vignan university	

20	B Suvarna	Asstt. Professor	Vignan university	
21	G Parimala	Asstt. Professor	Vignan university	
22	G.jahnavi	Asstt. Professor	Chalapathi Institute of Engineering and Technology	
23	Haridasu Rajeswari	Asstt. Professor	Chalapathi Institute of Engineering and Technology	
24	Jabin Jacob	Asstt. Professor	Chalapathi Institute of Engineering and Technology	
25	M. Prem sai	Asstt. Professor	Avanthi's Scientific Technology & Research Academy	
26	Anusha Mallavarapu	Asstt. Professor	Avanthi's Scientific Technology & Research Academy	
27	B Sivaiah	Asstt. Professor	Vignan university	
28	B Jyostna Devi	Asstt. Professor	Vignan university	
29	P. Jhansi Lakshmi	Asstt. Professor	Vignan university	
30	P. SeshuBabu	Asstt. Professor	Vignan university	
31	Puja lakshmi bhavani	Asstt. Professor	Vignan's Nirula	
32	R.Sai Chandana	Asstt. Professor	Vignan's Nirula	
33	Sadhanala Sai Mounika	Asstt. Professor	Vignan's Nirula	
34	D Yakobu	Asstt. Professor	Vignan university	
35	R. Upendar Rao	Asstt. Professor	Vignan university	


Co-ordinator


HOD
Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



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DEPARTEMENT OF

COMPUTER SCIENCE & ENGINEERING

A REPORT ON
FACULTY DEVELOPMENT ON
Android Application Development
Organised by
Department of Computer Science & Engineering

Title: Faculty development on Android Application Development
Dates: 27th-May -30th-June 2016

Preamble:

The Faculty development on Android application development of has been conducted from 27th May to 30th June, 2016 by department of computer science and engineering, VFSTR, Guntur.

Participants Profile:

A total of 35 delegates were participated.

Description about the program:

On the Inaugural function, Dr. N. Gnaneshwar rao Head of the department of Computer Science and Engineering addressed the gathering; he has explained the importance workshop After immediately completion of inauguration the session were started, Resource person explained about android and its applications some hands on session also done
All the participants were attended the session and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many queries raised by the participants.

Mr CH. Madhu Babu proposed vote of thanks

The entire program was co-ordinated with the support of the head of the department, faculty, non teaching staff of the department of computer science and engineering, VFSTR, Guntur.

Feedback:

All the participants expressed their gratitude to staff of department of computer science and engineering, VFSTR, Vadlamudi, Guntur, 522213, Andhra Pradesh, for enhancing the knowledge levels in communication.

Future perspectives:

The department of computer science and engineering looking forward to organize future training program on advanced concepts to strengthen the knowledge levels of research scholars, faculty and programmers.

Report submitted by: Mr. CH. Madhu Babu

Designation: Asst Professor

Department: Computer Science and engineering

Signature of Coordinator

Signature of HOD

Professor
Dept. of Computer Science & Engineering
Vignan's Foundation For Science
Technology & Research University
VADLAMUDI - 522 213
GUNTUR DIST.

ABOUT UNIVERSITY

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About CSE Department

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About the Workshop

Training on Hardware and network

Trouble shooting for Non-Teaching staff

- hardware components and maintenance
- BIOS, CMOS and BOOT process
- I/O Devices, Expansion Cards, Cables And Connections
- Network Types , Devices, Protocol And Tools
- Windows Administrative Tools and Network Configuration, User and Group Management.

Resource Persons Profile

Mr. Suresh Kumar

System Manager,
Department of IT Services
VFSTR.

Co-ordinator:

Dr. Hemantha Kumar Kalluri,
M.Tech, Ph.D., Associate Professor, Department of
CSE, VFSTR University. Cell: 9490776374

A One Week Training on

"Hardware and Network Trouble Shooting"

01st-07th July, 2015



Venue :

Sravanthi Seminar Hall, Second Floor, H- Block,
Vignan University

Organised by:

Department of
Computer Science & Engineering



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

A One Week Training on

Hardware and Network Trouble Shooting

1st-7th July 2015

Full Name :
Age :
Gender : Male / Female
Qualification :

Organization :

Address for
Communication :

e-mail :

ContactNo :

Signature of the
Applicant

Signature of Head of the Institution
with Seal (Optional)

Chief patrons:

Dr. L. Rathaiah, Chairman, Vignan Group
Sri L. Sri Krishnadevarayulu, Vice chairman

Patrons:

Dr. K. Ramamurthy Naidu, Chancellor,
VFSTR
Dr. C. Thangaraj, Vice-chancellor,
VFSTR

Co-patrons:

Dr. V. Madhusudhan Rao
Dean, Engineering & Management, VFSTR

Advisory Committee:

Dr. N. Ganeswara Rao, HOD, CSE
Dr. K. V. Krishna Kishore
Professor, Dean
LIB & IT. Services

Resource person:

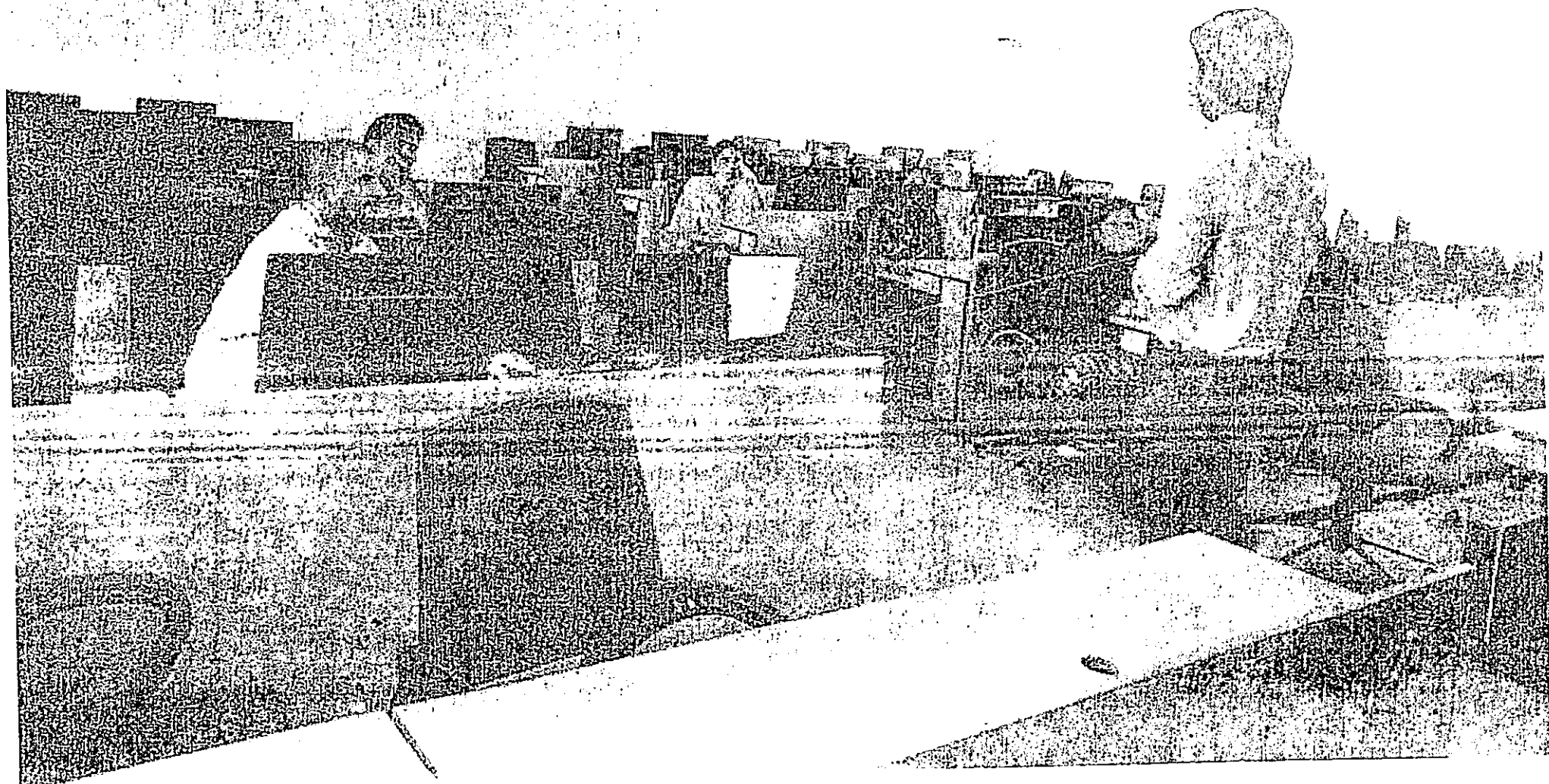
Mr. Suresh Kumar
System Manager,
Department of IT Services
VFSTR.

Coordinator:

Dr. Hemantha Kumar Kalluri,
M.Tech, Ph.D., Associate Professor, Department of
CSE,
VFSTR University. Cell: 9490776374



01/20/91



Mr. B. G. ... and

Resource Person Mr. Suresh Kumar

Part Mr. N. Murali Krishna

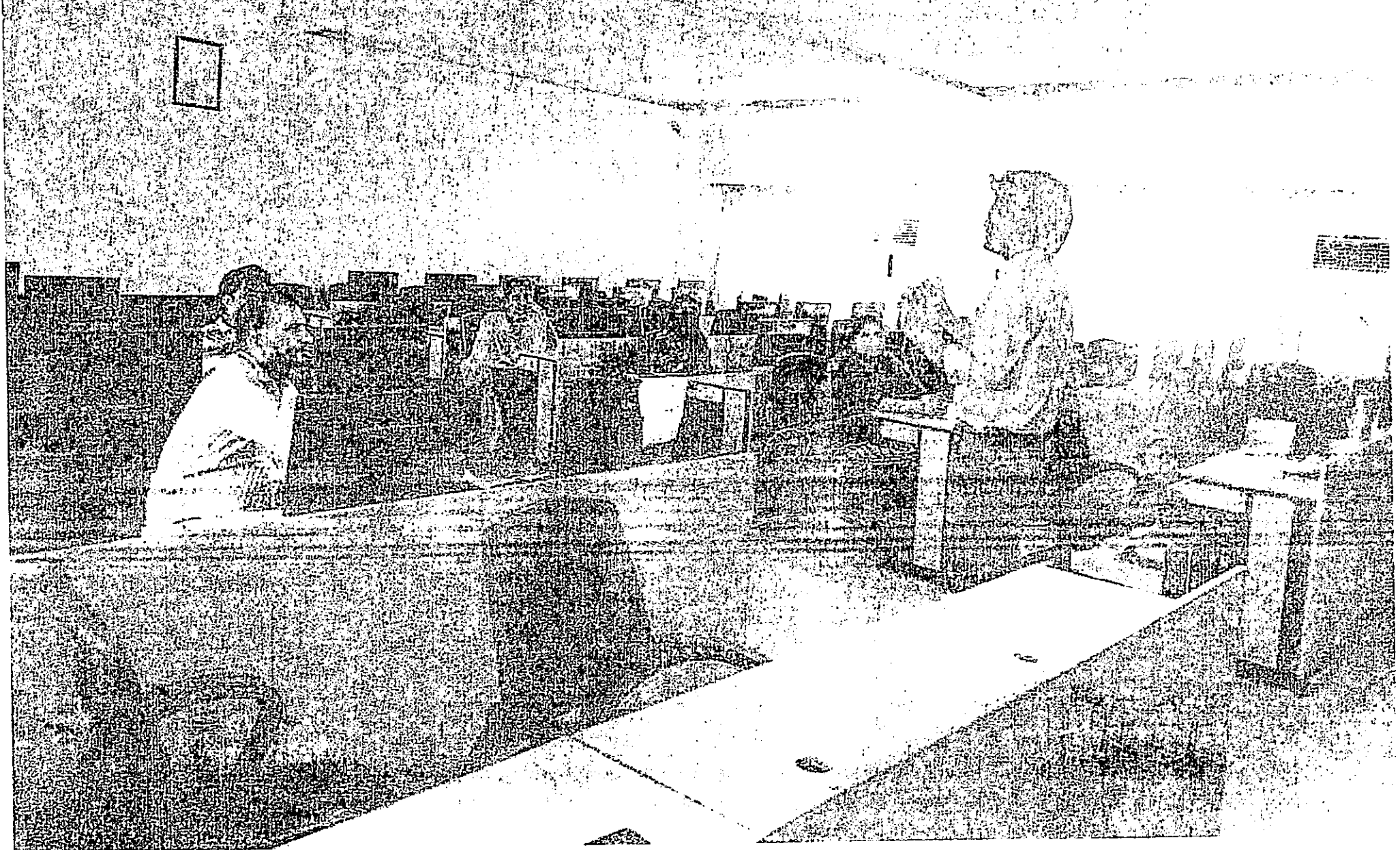
Sk. Salma



Resource Person: Mr. Suresh

Participants: Mr. Muran Krishna

Sk. Salma





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(Estd w/s 3 of UGC Act of 1956)

Department of Computer Science and Engineering
Training on Hardware and Network Trouble Shooting
1st July - 7th July 2015

S.No.	Employee Code	Name	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	<i>Kumari</i>
2	00275	Mrs. P. Radha Madhavi	Programmer	<i>Radha</i>
3	00633	Mr. Murali Krishna Nangedda	Programmer	<i>Nangedda</i>
4	01202	Mr. G. Mahesh Babu	Programmer	<i>Mahesh</i>
5	01197	Ms. Shaik Salma	Programmer	<i>Salma</i>

[Signature]
Co-ordinator

[Signature]
HOD
Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist. A.P. India



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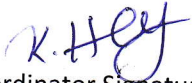
**DEPARTMENT OF
COMPUTER SCIENCE
&
ENGINEERING**

**A Report on
Training Program on
Hardware and Network Trouble Shooting
Organized by
Department of Computer Science & Engineering**

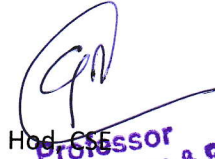
Title: Training Program on Hardware components and maintenance
Dates: From 01-7-2015 To 07-07-2015
Preamble: <p>The Training Program on Hardware components and maintenance has been conducted from 1st July to 7th July 2015 by Department of Computer Science & Engineering, Vignan University, Guntur.</p> <p>This Program is aimed to impart the components of Hardware and its maintenance.</p>
Participants Profile: <p>A total of 5 delegates were participated. Among the participants 5 were internal programmers.</p>
Description about the Program : <p>On the inaugural function, Dr.N.Gnaneswara Rao, Head of the Department of Computer Science & Engineering addresses the gathering. He has explained the importance of Training program and also discussed the importance of Hardware and its maintenance to fulfill the above tasks.</p> <p>After immediately completion of inauguration the sessions were started. Resource persons explained various components and its maintenance. Hands-on-Sessions were also conducted to practice the concepts discussed theoretically. All the participants were attended the sessions and learned the concepts explained in the workshop. The last session was entirely an interactive session and the resource person answered many questions raised by the participants.</p> <p>The Entire program was co-ordinate with the support of the Head of the Department, faculty, Non-Teaching staff of the Department of CSE, Vignan University, Vadlamudi, Guntur-522213, Andhra Pradesh.</p>
Feedback: <p>All the participants are expressed their gratitude to staff of department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213.</p>

Future Perspectives:

The Department of Computer Science & Engineering looking forward to organize future conferences.
Training Program on Hardware and network trouble shooting.

Report submitted by : Dr. K. Hemantha Kumar**Designation:** Associate Professor**Department:** Computer Science & Engineering.

Coordinator Signature



Hod. CSE
Professor
Dept. of Computer Science & Engineering
Vignana's Foundation For Science
Technology & Research University
VADLAMUDI- 522 213
GUNTUR DIST., A.P. INDIA

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research University is in the serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali. The college is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering studies. Since its inception in 1997, this institution has been striving to promote high standards in technical education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

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Computer Science and Engineering is the soul and psyche of many engineering branches. These fields are instrumental in bringing the world to where it is today. Computer Science & Engineering (CSE) course was started in the year 1997 in this institution. Department of CSE has well-qualified and experienced faculty who are specialists in the areas of Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Programming Languages. There are around 50 dedicated faculty members with good amount of experience in these different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-plant training programs, where they hone their technical skill in the realm of computers.

About the Workshop

Training on Installation and uninstallation of various software packages for Non teaching staff

- package and software management in Windows and Linux OS.
- how package installs work and how devices and drivers are managed within these operating systems.
- the different packaging and file compression methods.
- how to create, update, and remove software by using the Windows GUI, Windows CLI and Linuxshell.

Co ordinator:

Dr. K.V. Krishna Kishore,
Professor and Head, Department of IT,
Dean, Lib & IT Services,
VFSTR,
Contact No: 9866833599

A Two Days Training on

"Installation and uninstallation of various software packages"

05th-06th, October 2015



Venue :

Sravanthi Seminar Hall, Second Floor,
H- Block,
Vignan University

Organised by :

Department of
Computer Science & Engineering



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(Estd u/s 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India
www.vignanuniversity.org

REGISTRATION FORM

A Two Days Training on

Installation and uninstallation of various software packages 5th-6th October 2015

Full Name :
Age :
Gender : Male / Female
Qualification :

Organization :

Address for
Communication :

e-mail :

Contact No :

Signature of the

Signature of Head of the Institution

Chief patrons:

Dr. L. Rathaiah, Chairman, Vignan Group

Sri L. Sri Krishnadevarayulu, Vice chairman,

Patrons:

Dr. K. Ramamurthy Naidu, Chancellor,
VFSTR

Dr. C. Thangaraj, Vice-chancellor, VFSTR

Co-patrons:

Dr. V. Madhusudhan Rao
Dean, Engineering & Management,

VFSTR

Advisory Committee:

Dr. N. Gnaneswara Rao, HOD, CSE

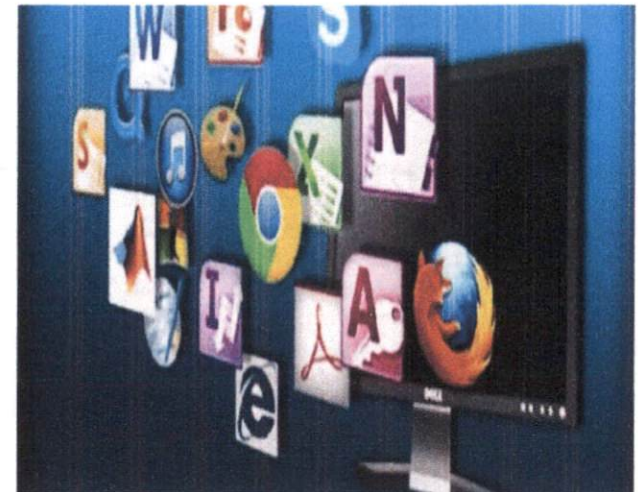
Dr. K.V. Krishna Kishore,
Professor and Head, Department of
IT, Dean, Lib & IT Services

Resource person:

Mr. Suresh Kumar System
Manager, Department of IT
Services VFSTR.

Coordinator:

Dr. K.V. Krishna Kishore, Professor and
Head, Department of IT, Dean, Lib &
IT Services,
VFSTR, Contact No: 9866833599



Resol

Suresh

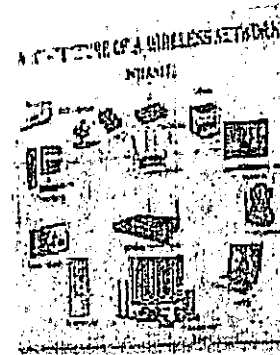
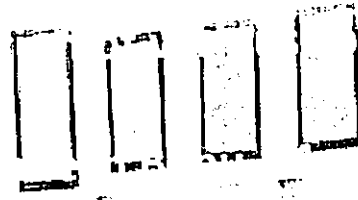
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Young Adult Library
Resource Person 8/15/06
Students 3/1/06

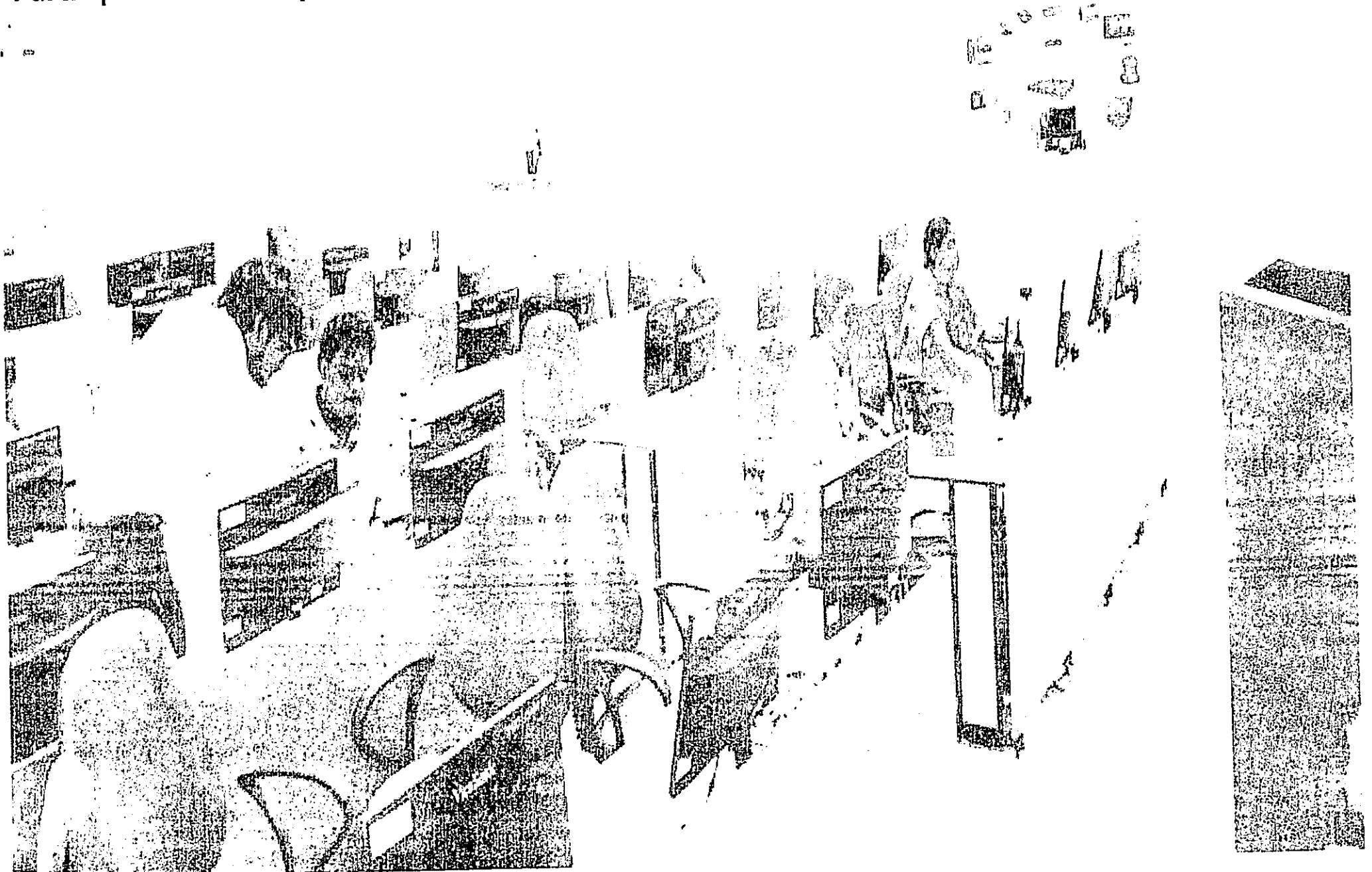


Training on Installation and Uninstallation of various software Packages

05/10/2015

Resource Person : Mr. Suresh Kumar

Participants : Mrs. Tripura. D, Mr. G. Mahesh Babu, Ms. Swapna Teja



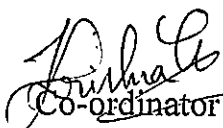



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Department of Computer Science and Engineering

Training on Installation and Uninstallation of various Software Packages
5th - 6th October 2015

S.No.	Employee Code	Name	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	Kumari
2	00633	Mr. Murali Krishna Nangedda	Programmer	Nangedda
3	00760	Ms. Tipura Damarla	Programmer	Tipura
4	01247	Ms. Swapna Teja	Programmer	Swapna
5	01197	Ms. Shaik Salma	Programmer	Salma
6	01202	Mr. G. Mahesh Babu	Programmer	Mahesh Babu


Co-ordinator


HOD
Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



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**DEPARTMENT OF
COMPUTER SCIENCE
&
ENGINEERING**

A Report on
Training Program on
Installation and Uninstallation of various software packages
Organized by
Department of Computer Science & Engineering

Title: Training Program on Installation and Uninstallation of various software packages

Dates: From 05-10-2015 To 06-10-2015

Preamble:

The Training Program on Installation and Uninstallation of various software packages has been conducted from 5th October to 6th October 2015 by Department of Computer Science & Engineering, Vignan University, Guntur.

This Program is aimed to Installation and Uninstallation of various software packages

Participants Profile:

A total of 6 delegates were participated. Among the participants 6 were internal programmers.

Description about the Program :

On the inaugural function, Dr.N.Ganeswara Rao, Head of the Department of Computer Science & Engineering addresses the gathering. He has explained the importance of Training program and also discussed the importance of software and its packages to fulfill the above tasks.

After immediately completion of inauguration the sessions were started. Resource persons explained various components and its maintenance.

Hands-on-Sessions were also conducted to practice the concepts discussed theoretically.

All the participants were attended the sessions and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many questions raised by the participants.

The Entire program was co-ordinate with the support of the Head of the Department, faculty, Non-Teaching staff of the Department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants are expressed their gratitude to staff of department of Information Technology, Vignan University, Vadlamudi, Guntur-522213.

Future Perspectives:

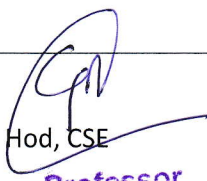
The Department of Computer Science & Engineering looking forward to organize future conferences. Trainings on Installation and uninstallation of various software packages.

Report submitted by : Dr.K.V. Krishna Kishore

Designation: Professor

Department: Information Technology


Coordinator Signature


Hod, CSE

Professor
Dept. of Computer Science & Engineering
Vignan's Foundation For Science
Technology & P. ch University
VADLAM 522213
GUNTUR DL

About University

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About the Workshop

Training on Infrastructure record maintenance for Non-Teaching staff

- Classroom Upgrades
- Maintenance being performed
- Installation of Solid State Drives (SSDs)
- Training Options
- Classroom and Computer Lab Maintenance Schedule

- Mac Mini to Dell 5050 Transition
- Preferred Options for Mac Users
- Other Options for Mac Users

Resource Person

Dr. Hemantha Kumar Kalluri
Associate Professor
Dept. of CSE, VFSTR.

Coordinator:

Dr. M. Nirupama Bhat,
Associate Professor,
Department of CSE, VFSTR,
Vadlamudi.
Cell No : 9840850744

A Two-Day Training on

"Infrastructure record maintenance"

05th - 06th May 2016



Venue :

**CSE Labs -VSF – 16,
Second Floor,
Vignan University**

Organised by :

**Department of
Computer Science & Engineering**



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Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India
www.vignanuniversity.org

REGISTRATION FORM

A Two-Day Training on

Infrastructure record
maintenance

05th - 06th May 2016

Full Name :
Age :
Gender : Male /Female
Qualification :

Organization :

Address for
Communication :

e-mail :

ContactNo :

Signature of the

Signature of Head of the Institution A

Chief patrons:

Dr. L. Rathaiiah, Chairman, Vignan Group
SriL. Sri Krishnadevarayulu, Vicechairman

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Dr. K. Ramamurthy Naidu, Chancellor ,
VFSTR

Dr. C. Thangaraj, Vice-chancellor,
VFSTR

Co-patrons:

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Engineering & Management, VFSTR

Advisory Committee:

Dr. N. Gnaneswara Rao, HOD, CSE

Dr. K.V. Krishna Kishore,
Professor and Head, Department of
IT, Dean, Lib & ITS services.

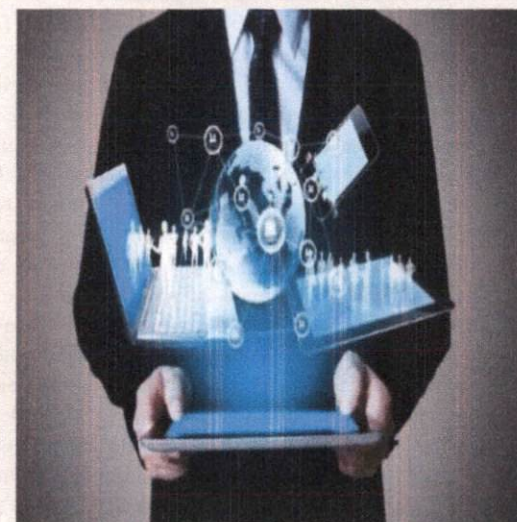
Dr. D.Venkatesulu, Professor, CSE

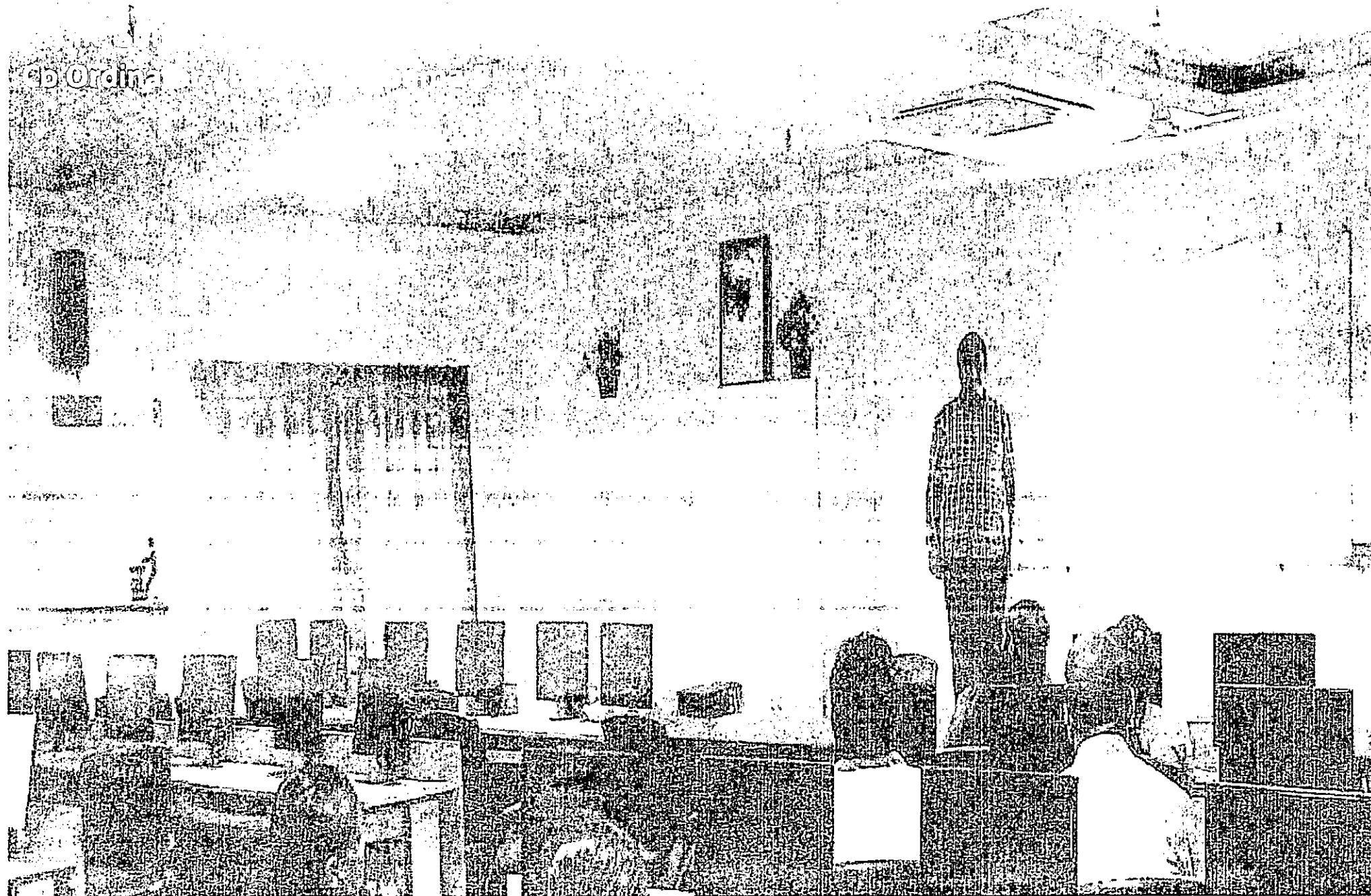
Resource person:

Dr. Hemantha Kumar Kalluri
Associate Professor
Dept. of CSE, VFSTR

Coordinator:

Dr. M. Nirupama Bhat,
Associate Professor,
Department of CSE,
VFSTR, Vadlamudi.
Cell .No: 9840850744





Training on Infrastructure record maintenance
Resource Person : Mr. K. Hemanth Kumar
Participants : Ms. Swapna Teja, Mrs. Tripura.

05/05/2016



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Computer Science and Engineering

Two days Training on Infrastructure record maintenance

5th - 6th May 2016

S.No.	Employee Code	Name	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	
2	00633	Mr. Murali Krishna Nangedda	Programmer	
3	00760	Ms. Tipura Damarla	Programmer	
4	01202	Mr. G. Mahesh Babu	Programmer	
5	01247	Ms. Swapna Teja	Programmer	

Co-ordinator

HOD

Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



VIGNAN'S
Foundation for Science, Technology & Research
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(Estd u/s 3 of UGC Act of 1956)

**DEPARTMENT OF
COMPUTER SCIENCE
&
ENGINEERING**

**A Report on
Training Program on
Infrastructure Record Maintenance
Organized by
Department of Computer Science & Engineering**

Title: Training Program on Infrastructure Record Maintenance

Dates: From 05-05-2016 To 06-05-2016

Preamble:

The Training Program Infrastructure Record Maintenance has been conducted from 5th May to 6th May 2016 by Department of Computer Science & Engineering, Vignan University, Guntur.

This Program is aimed to conduct Infrastructure Record Maintenance.

Participants Profile:

A total of 5 delegates were participated. Among the participants 5 were internal programmers.

Description about the Program :

On the inaugural function, Dr.N.Gnaneswara Rao, Head of the Department of Computer Science & Engineering addresses the gathering. He has explained the importance of Training program and also discussed about the Infrastructure Record Maintenance to fulfill the above tasks.

After immediately completion of inauguration the sessions were started. Resource persons explained various components and its maintenance.

Hands-on-Sessions were also conducted to practice the concepts discussed theoretically.

All the participants were attended the sessions and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many questions raised by the participants.

The Entire program was co-ordinate with the support of the Head of the Department, faculty, Non-Teaching staff of the Department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants are expressed their gratitude to staff of department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213.

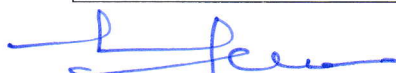
Future Perspectives:

The Department of Computer Science & Engineering looking forward to organize future conferences. Training on infrastructure record maintenance.

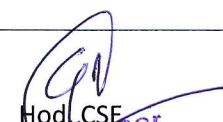
Report submitted by :Dr. M. Nirupama Bhatt

Designation: Associate Professor

Department: Computer Science & Engineering.



Coordinator Signature



Hod, CSE
Professor
Dept. of Computer Science & Engineering
Vignan's Foundation For Science
Technology & Research University
VADLAMUDI- 522 213
GUNTUR DIST., A.P. INDIA

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research is in the serene environs of Vaddlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali. The college is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling playgrounds, and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering studies. Since its inception in 1997, this institution has been striving to promote high standards in technical education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

About CSE Department

Computer Science and Engineering is the soul and psyche of many engineering branches. These fields are instrumental in bringing the world to where it is today. Computer Science & Engineering (CSE) course was started in the year 1997 in this institution. Department of CSE has well-qualified and experienced faculty who are specialists in the areas of Databases, Data Mining, Computer Architecture, Operating Systems, Image Processing, Wireless Networks, Artificial Neural Networks, Information Security and Programming Languages. There are around 50 dedicated faculty members with good amount of experience in these different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students also. The Department encourages students to participate in numerous symposiums and to present papers in them. Students are also made to undergo in-plant training programs, where they hone their technical skill in the realm of computers.

About the Workshop

Training for non-Teaching staff

Learning Objectives: To learn the basics of Computer and Computer components.

Topics to be covered:

- Introduction to Computer
- Computer Components
- Different types of operating Systems
- Operating system installation
- Internet Services

Resource Person

Mr. Ravi Kanth. K

System Manager,
Department of IT Services
VFSTR.

Co ordinator :

Mr. D.S. Bhupal Naik,

Asst. Professor,
Department of CSE,
VFSTR.
Cell.No: 9550367172

A Three Days Training on

"Conducting BCI course Labs"

th st
30 May-01 June 2016



Venue :

IBM LABS,
Second Floor, H- Block,
Vignan University.

Organised by:

Department of
Computer Science & Engineering



VIGNAN'S
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UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

Vaddlamudi, Guntur - 522213, A.P., India

www.vignanuniversity.org

REGISTRATION FORM

A Three-Day Training On Conducting BCI course Labs 30th May-01st June 2016

Full Name :
Age :
Gender : Male / Female
Qualification :

Organization

Address for
Communication :

e-mail :

Contact No

Signature of the
stitution Applicant
Signature of Head of the In
stitution with Seal

Chief patrons:

Dr. L. Rathaiah, Chairman, Vignan Group
Sri L. Sri Krishnadevarayulu, Vice chairman

Patrons:

Dr. K. Ramamurthy Naidu, Chancellor,
VFSTR
Dr. C. Thangaraj, Vice-chancellor,
VFSTR

Co-patrons:

Dr. V. Madhusudhan Rao Dean,
Engineering & Management,
VFSTR

Advisory Committee:

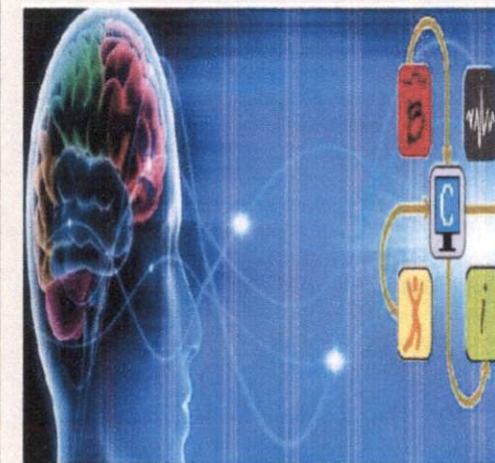
Dr. N. Gnaneswara Rao, HOD, CSE.
Dr. K.V. Krishna Kishore
Professor, Dean
LIB & IT-services

Resource Person

Mr. Ravi Kanth. K
System Manager,
Department of IT Services
VFSTR.

Co ordinator:

Mr. D.S. Bhupal Naik,
Asst. Professor,
Department of CSE,
VFSTR.



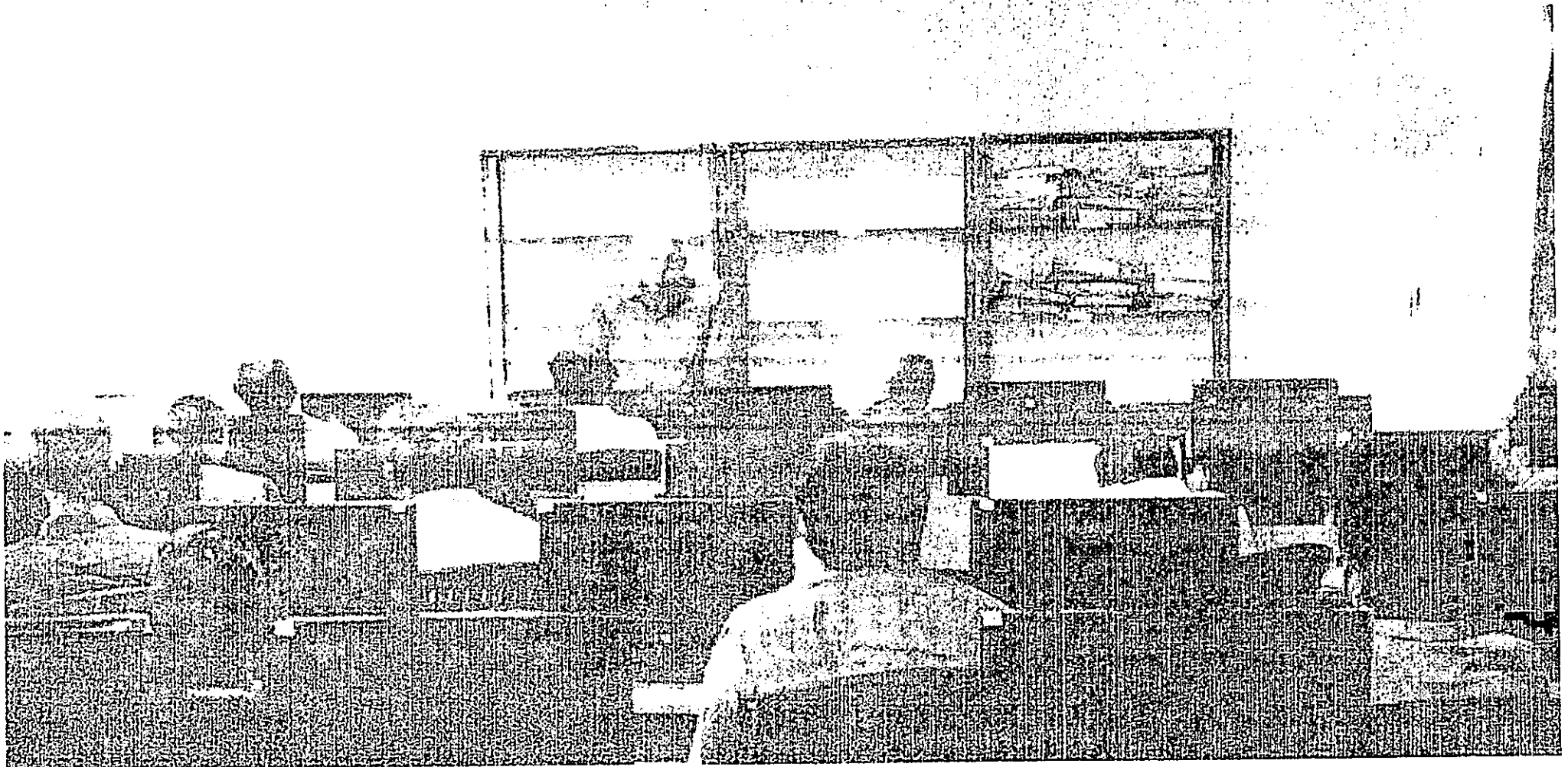
Training on conducting BCI course Labs

30/05/2016

Resource Person : Mr. K. Ravi Kanth

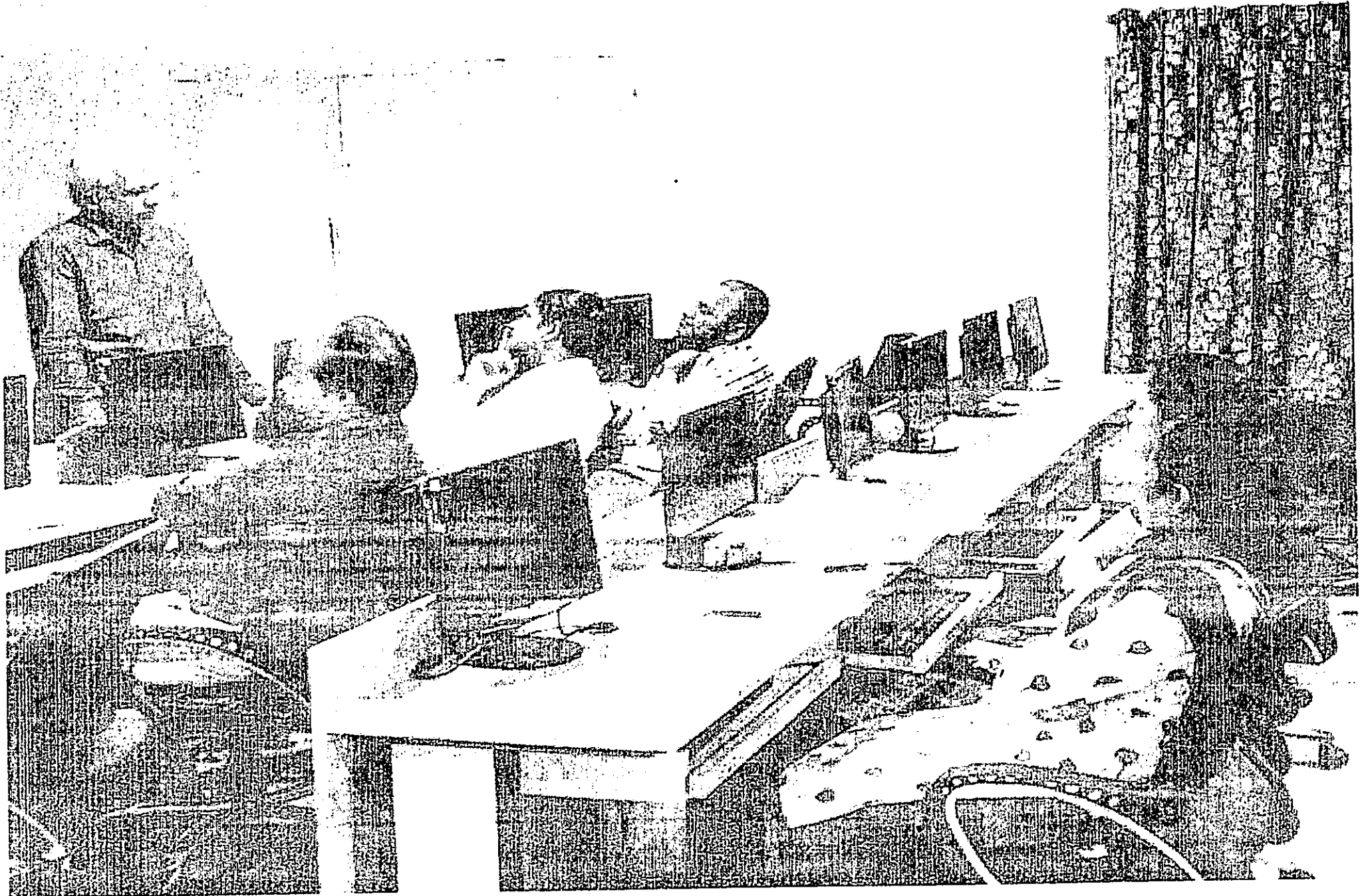
Participants : Mr. N. Murali Krishna, Mr. G. Mahesh babu , Ms. Swapna Teja, Mrs. Sk.

Salma, Ms. K. Suneetha Kumari, Mr. K. Kiran Kumar



Training on conducting BCI course Labs
Resource Person : Mr. K. Ravi Kanth

30/05/2016





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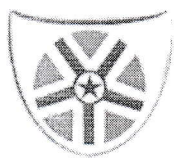
Department of Computer Science and Engineering
Training on conducting BCI course Labs
30-5-2016 to 1-6-2016

S.No.	Employee Code	Name	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	
2	00633	Mr. Murali Krishna Nangedda	Programmer	
3	00791	Mr. K. Kiran Kumar	Jr. Asst. (Programmer)	
4	01202	Mr. G. Mahesh Babu	Programmer	
5	01247	Ms. Swapna Teja	Programmer	
6	01197	Ms. Shaik Salma	Programmer	

Co-ordinator

HOD

Dept. of Computer Science & Engineering
VFSTR Deemed to be University
VADLAMDI - 522 213
Guntur Dist., A.P. India



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(Estd u/s 3 of UGC Act of 1956)

**DEPARTMENT OF
COMPUTER SCIENCE
&
ENGINEERING**

**A Report on
Training Program on
BCI Course Labs
Organized by
Department of Computer Science & Engineering**

Title: Training Program on BCI Course Labs

Dates: From 30-05-2016 To 01-06-2016

Preamble:

The Training Program on Conducting BCI Course Labs has been conducted from 30th May to 1st June 2016 by Department of Computer Science & Engineering, Vignan University, Guntur.

This Program is aimed to have program on Basics of Computer & Internet.

Participants Profile:

A total of 6 delegates were participated. Among the participants 6 were internal programmers.

Description about the Program :

On the inaugural function, Dr.N.Ganeswara Rao, Head of the Department of Computer Science & Engineering addresses the gathering. He has explained the importance of FDP program and also discussed the importance of Basics of Computer & Internet.

After immediately completion of inauguration the sessions were started. Resource persons explained various components and its functions.

Hands-on-Sessions were also conducted to practice the concepts discussed theoretically.

All the participants were attended the sessions and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many questions raised by the participants.

The Entire program was co-ordinate with the support of the Head of the Department, faculty, Non-Teaching staff of the Department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants are expressed their gratitude to staff of department of Computer Science & Engineering, Vignan University, Vadlamudi, Guntur-522213.


Future Perspectives:

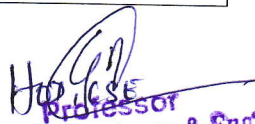
The Department of Computer Science & Engineering looking forward to organize future conferences. Training on conducting BCI course labs.

Report submitted by : Mr.D.S. Bhupal Naik

Designation: Asst. Professor

Department: Computer Science & Engineering.


Coordinator Signature


Professor
Dept. of Computer Science & Engineering
Vignan's Foundation For Science
Technology & Research University
VADLAMUDI - 522 213
GUNTUR DIST., A.P. INDIA

REGISTRATION FORM

A Three day Faculty Development Programme on
**“Bio-Signal Processing & Measurements
and Computing Everywhere”**

26-28 November, 2015

Full Name :
Age :
Gender : Male / Female
Qualification :
Designation :

Organization :

Address for
Communication :

e-mail :

Contact No :

Signature of the Applicant Signature of Head of the Institution
with Seal (Optional)

Chief Patrons

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Sri L. Sri Krishnadevarayulu, Vice Chairman

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Dr. C. Thangaraj, Vice-Chancellor
Dr. B. Ramamoorthy, Rector

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Comd. Dr. M.S. Raghunathan, Registrar
Dr. V. Madhusudhan Rao
Dean, Engineering & Management
Dr. N. Usha Rani
Prof & HoD, Dept. of ECE, Vignan's University

Resource Persons

Prof. M Rama Subba Reddy
IIT, Madras

Dr. T M Sridhar
Asst.Prof, Dept of Analytical Chemistry,
University of Madras, Chennai.

Mr. Devarajan Rangan
CEO, Techno Tree, Bangalore.

Co-ordinator

Mr. T Pitchaiah
Assoc.Prof, Dept of ECE, VFSTR

Co-coordinator

Mr. K Satish
Asst.Prof, Dept of ECE, VFSTR

Organizing Committee

Prof. B Seetharamanjaneyulu, Dept of ECE, VFSTR
Prof. Avireni Srinivasulu “
Prof. M S S Rukmini “
Prof. Ranganathan Vijayaragavan “
Mr. Y Ravi Sekhar “
Mr. P J Reginald and “
Other faculty of ECE Dept.

A Three day Faculty Development Programme on
**“Bio-Signal Processing & Measurements
and Computing Everywhere”**

26-28 November, 2015



Organised by :

Department of
Electronics & Communication Engineering



VIGNAN'S

FOUNDATION FOR SCIENCE,
TECHNOLOGY AND RESEARCH

(Declared to be Deemed University by S.O. 142, 1956)

Vadlamudi, Guntur - 522213, A.P., India

www.vignanuniversity.org

Land : **0863-2344700 Ext : 225** Mob :
9703551269

e-mail : tp1977_ece@vignanuniversity.org

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research is located in the serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali. The college is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering studies. Since its inception in 1997, this institution has been striving to promote high standards in technical education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

About ECE Department

The Department of ECE was established in the year 1997 to start a B.Tech programme affiliated to the JNTUniversity, Hyderabad. The first batch of students graduated from the department in the year 2001. A PG, leading to M.Tech in 'Embedded Systems' was introduced in the year 2006. Consequent to the establishment of JNT University in Kakinada, the affiliations of both programmes were shifted to the new University from 2008 onwards. The undergraduate programme Electronics and Communication was accredited by NBA in the year 2006. In the year 2008, the college was accredited by NAAC and awarded an 'A' grade. The institution has been conferred with Deemed-to-be University status by UGC from January 2009. Thus, from a modest beginning, the department has come a long way. Today, it is one among the leading educational institutions of the country in Electronics and Communication Engineering and is now named as Department of ECE. The department of ECE offers B.Tech and M.Tech programmes.

About the Workshop

A three day Faculty Development Program will be held during 26-28th November, 2015. This FDP is aimed to impart the concepts of Bio-signal processing & measurement systems concepts and computing everywhere technology with including IoT.

The purpose of the FDP is to provide the platform for working professionals' to interact with people from reputed academic institutions and industry to learn the latest research happenings in the field of Bio-signal processing and its influence on technology.

Resource Persons Profile

Prof. M Ramasubba Reddy: Currently working as professor, Heading the Bio-Medical Engineering Group, in the Dept of Applied Mechanics, IIT Madras. He did Ph.D from IISc Bangalore in the area of Bio-medical Signal Processing. He received two gold medals in the faculty of Engg., IISc Bangalore for his Ph.D thesis in the year 1991. He published 30 papers in peer reviewed journals and 86 papers in international and national conferences and also co-authored two books. His research interest is Bio-medical Instrumentation, Bio-medical Imaging system and Bio-medical signal processing.

Dr. T M Sridhar: Currently working as Asst. Professor Department of Analytical Chemistry, University of Madras. He has 18 years of teaching and research experience. He was awarded the Pikovsky Valachi Post Doctoral Fellow at the Faculty of Engineering, Tel-Aviv University, Israel. He is currently the Vice president, Indian Society of Analytical Scientist, Chennai Chapter, Secretary, NACE International Gateway India Section South Zone and Former Secretary of Society for Biomaterials and Artificial Organs, (SBAOI) India 2011-14. He was awarded Best Ph.D Thesis award 2001-02 by NACE International (Houston, USA), India Section in 2001. He has published 25 research papers in International Journals and 70 papers at international and national conferences. His research interest is Bio-medical instrumentation, Bio-sensors, Imaging techniques for bio-materials and medical devices.

Mr. Rangan Devarajan: Presently He is CEO, Techno tree, Bangalore. He is having rich experience in Embedded Systems, Network Management, Cloud computing, Mobile Technologies, C/C++ and JAVA. He is having expertise in Product development life cycle, solution delivery life cycle, various technologies, domains, leadership and processes. He worked in various capacities as Vice president, Director, founder and CEO to various companies. He won the outstanding performer award in HP ISO 1999. He is also serving academic institutions as a Board of Studies Member (BoS) to PSG college of Tech. and Bharathi Dasan University. He did his undergraduate in ECE from IISc Bangalore in 1985 and Accelerated Management Program from ISB Hyderabad in 2004.

Topics

- Bio-medical Signal Processing
- Bio-medical Instrumentation
- Bio-medical Imaging systems
- Imaging techniques for Bio-medical materials and medical devices
- Computing everywhere
- Internet of things

Registration Fee

Ph.D Scholars/ PG Students	: Rs.500/-
Faculty	: Rs.750/-
Industry people	: Rs.1000/-

Registration Fees Includes FDP Kit and Working Lunch. Persons interested in attending the workshop should send the registration form along with DD drawn in favour of **VFSTR General Funds, payable at Guntur** to The Co-ordinator, Department of ECE, Vignan's University, Vadlamudi, Guntur Dist. or scanned Registration Form and Demand Drafts can also be mail to tp1977_ece@vignanuniversity.org. Spot Registrations are also allowed.

Important Dates

Last date for Receipt of Registrations	: 20-11-2015
Last date for Confirmation	: 23-11-2015



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(Estd u/s 3 of UGC Act of 1956)

Bio Signal Processing and Measurement and Computing Everywhere

REPORT

Department of Electronics and Communication Engineering of VFSTR organized Faculty Development program on Bio signal processing and measurement and computing everywhere from 26th to 28th Nov 2015. The main aim of FDP is to present concepts of bio signal processing and measurement and computing everywhere technology with including IOT. Resource person for this program were Prof. M Rama Subba Reddy, Dr T M Sridhar. Mr. T Pitchaiah acted as coordinator for FDP and made it successful.

Summary of Program

Name of the Department	: Electronics and Communication Engineering
Name of the program	: Bio signal processing and measurement and computing Everywhere.
Date	: 26-11-2015-28-11-2015
Venue	: VFSTR
Theme of the Training Program	: To impart the concepts of Bio signal processing and measurement and computing everywhere technology with including IoT.
Resource Person Details	: Prof. M Rama Subba Reddy, Dr T M Sridhar
No. of Participants	: 51
Department Co-ordinator	: Mr. T Pitchaiah Assoc. Professor. Dept of ECE, VFSTR


Mr. T. Pitchaiah

Co-Ordinator


Dr. N. Usha Rani

HoD, ECE

**HOD, ECE
VFSTR**

2015-16



Bio signal processing and measurement and computing everywhere. Mr. T Pitchaiah, Prof. Rama Subba Reddy, Dr. T M sridar, Dr. Usha Rani, Dr. M S S Rukmini.



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(Declared to be Deemed University u/s 3 of Act 1956)

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A Three day Faculty Development Programme on

"Bio-Signal Processing & Measurements and Computing Everywhere"

26 – 28 November, 2015

Attendance Sheet

Dt:26-11-2015

S.No	Name of the Delegate	Designation	Name of the Institute	Mobile No	E-mial ID	Session-I	Session-II
1	Mr.Shaik Basheer	Assoc Prof	Eswar College of Engineering, Narasarao Pet.	9440656858	basheer_405@rediffmail.com		
2	Mr.S A Rahim	Asst Prof	Andhra Layola Engineering College	7382958995	syedrahim786@gmail.com		
3	Mr.Y.Pavan Kumar	Asst Prof	Andhra Layola Engineering College	96521821190	pavan670@gmail.com		
4	Mr.S.Mallikarjuna Rao	Asst Prof	Andhra Layola Engineering College	9059023665	smr.aliet@gmail.com		
5	Mr.T.Pitchaiah	Assoc Prof	Vignan's University	9703551269	tp1977_ece@yahoo.com		
6	Mr.G.D.Surya Chand	Asst Prof	Vignan's University	9493480176	suryachand.gd@gmail.com		
7	Ms.Prathiba Jonnala	Asst Prof	Vignan's University	9490951805	jp_ece@vignanuniversity.org		
8	Ms.R.Divya Praneetha	Asst Prof	Vignan's University	9440884155	divyapraneetha@gmail.com		
9	Mrs.K.Annapurna	Asst Prof	Vignan's University	99664264477	arya.anu85@gmail.com		
10	Mr.S.Sivaji	Asst Prof	Vignan's University	9160072782	sivaji.ganesh1100@gmail.com		
11	Ms.S.Mrudhula	Asst Prof	Vignan's University	8985349981	mrudhulasinghamsetti@gmail.com		
12	Mr.Ashitosh Dikshit	Asst Prof	Vignan's University	9453134716	ashitoshcomes@gmail.com		
13	Mr.P.Krishna Chaitanya	Asst Prof	Vignan's University	9701671579	chaitupb2003@gmail.com		

14	Mr.G.Polaiah	Asst Prof	Vignan's University	9010490714	polanabmtech@gmail.com		
15	Mr.B.Anjaneyulu	Asst Prof	Vignan's University	8125809737	anji.412a@gmail.com		
16	Dr.M.S.S.Rukmini	Professor	Vignan's University	9866281571	mssrukmini@yahoo.co.in		
17	Dr.N.Usha Rani	Professor	Vignan's University	9440020660	usharani.nsai@gmail.com		
18	Dr.V.Ranganathan	Professor	Vignan's University	9840492432	drvangan@gmail.com		
19	Mrs.M.Karuna	Assoc Prof	VIGN	901474433	karunaleo98@gmail.com		
20	Mr.P.Bangaraiah	Assoc Prof	Vignan's University	9492730868	p.bangaraiah@gmail.com		
21	Mr.Sk.Sadulla	Asst Prof	Vignan's University	7382153446	sadulla09@gmail.com		
22	Dr.K.Gowthami	Professor	Vignan's University	9948561683	gsparuchuri@gmail.com		
23	Mrs.K.Sai Priyanjali	Asst Prof	Vignan's University	8142664860	saipriya.k34@gmail.com		
24	Mr.M.Krishna Chennakesava Rao	Asst Prof	Vignan's University	9160554500	mkcrao.ece@gmail.com		
25	Mr.Ch.Uma Maheswara Rao	Asst Prof	Vignan's University	8790752373	maheshsrkr@gmail.com		
26	Ms.Suman Saranu	Asst Prof	Vignan's University	9642220687	suman232@gmail.com		
27	Mr.M.Sandeep	Asst Prof	Vignan's University	8147846181	sandeep.manda@gmail.com		
28	Ms.Ch.Amala	Asst Prof	Gudlavalleru Engineering Col	9912743230	amala.mnr@gmail.com		
29	Ms.T.S.S.Naga Pavan Kumar	Asst Prof	VLITS	9866583720	vsipavii@gmail.com		
30	Ms.Y.Usha Devi	Ph.D Scholar	VLITS	9885241111			
31	Ms.Ch.Naveena Priya Darshini	Asst Prof	Narasarao pet Institute of Tec	9866823278	paveena1911@gmail.com		
32	Mr.Krishna Rao	Assoc Prof	Vignan's Institute of Informati	9440732416	krishna.rao@gmail.com		

Krishnaraomupippili
@ gmail.com

ignar 2012@gmail.com

33	Mr.A.Giridhar	Asst Prof	Chalapathi Institute of Tech	9553951347	girichalapathi2013@gmail.com		
34	Mr.B.Anil Kumar	Asst Prof	GMR Institute of Technology	9963268763	anil.revanth@gmail.com		
35	Mr.D.V.N Sukanya	Asst Prof	Vignan's Nirula Institute of Tech	9032869703	sukanyadun@gmail.com		
36	Mr.P. SASTI BALA Mr.P.Saribala	Ph.D Scholar	S.R.C.R College of Engg S.R.K.R Bimavaram ELURU	9963680323	saribala.patnab@gmail.com		
37	Mr.K.Kanthi kumar	Assoc Prof	Holy Mary Institute of Tech&	9949311310	kkkanthi@gmail.com		
38	Ms.R.Hrudhya	Asst Prof	Vignan's University	9491136722	hrudya.ravula@gmail.com		
39	Mr.N.Srikant	Asst Prof	Vignan's University	9490386175	nsk_ece@vignanuniversity.org		
40	Mr.Y.Ravi Shekar	Assoc Prof	Vignan's University	8500753318	yrs_ece@vignanuniversity.org		
41	Mr.A.V Subba Rao	Asst Prof	SMGG	9494998632	avsr.vlsi@gmail.com		
42	Mr.G.Ashok	Asst Prof	SMGG	9494099897	ashok.gappala826@gmail.com		
43	Mr.C.V Sai Kumar reddy	Asst Prof	Vignan's University	8500640350	reddychanda323@gmail.com		
44	Mr.N.Ananda Rao	Asst Prof	Vignan's University	9059800938	anandnelapati@gmail.com		
45	Mr.G.S.R Satyanarayana	Asst Prof	Vignan's University	9177756167	gsrsatyanarayana@gmail.com		
46	Mr.A.Sateesh reddy	Ph.D Scholar	JNTU H	8332895422	sateeshreddy.phd@gmail.com		
47	Mr.B.Venkateswara Rao	Assoc Prof	JNTU H	9490421842			
48	Mr.K.Rushendra Babu	Asst Prof	Gudlavalleru Engineering Col	9032400664	rushendrababu.k@gmail.com		
49	Satish Kanapala	Asst Prof	Vignan's University	9963194140	satishkanapala@gmail.com		
50	P.J. Reginald	"	"	9855342118			
51	Mr. Tabarak	M.Tech	"	9010466618	tab2026@gmail.com		

REGISTRATION FORM

A Five day workshop on

Distributed Control System

(Control Engineering and SCADA Concepts)

14 - 19 October, 2015

Full Name :
Age :
Gender : Male / Female

Qualification :
Designation :

Organization :

Address for
Communication :

e-mail :

Contact No :

Signature of the
Applicant

Signature of Head of the Institution
with Seal (Optional)

Chief Patrons

Dr. L. Rathaiah, Chairman, Vignan Group
Sri L. Sri Krishnadevarayulu, Vice Chairman

Patrons

Dr. K. Ramamurthy Naidu, Chancellor
Dr. C. Thangaraj, Vice-Chancellor
Dr. B. Ramamoorthy, Rector

Co-patrons

Ex. Comd. Dr. M.S. Raghunathan, Registrar
Dr. V. Madhusudhan Rao
Dean, Engineering & Management
Dr. N. Usha Rani
Prof & HoD, Dept. of ECE, Vignan's University

Resource Persons

Mr Ramkumar
Senior Technical Trainer in the Corporate
Training Center
M/s Yokogawa India Limited

Mr. Veera Kiran Kumar G
Deputy Manager
Customer Service Division,
Yokogawa India Limited

Co-ordinator

Mr. Y. Ravi Sekhar
Assoc. Prof, Dept. of ECE, Vignan's University

Co-coordinator

Mr. G.S.R. Satyanarayana
Asst. Prof, Dept. of ECE, Vignan's University

Organizing Committee

Dr. B. Seetha Ramanjaneyulu
Professor, Dept. of ECE, Vignan's University
Dr. V. Ranganadhan
Professor, Dept. of ECE, Vignan's University
Dr. M.S.S. Rukmini
Professor, Dept. of ECE, Vignan's University
Mr. T. Pitchaiah
Assoc. Prof, Dept. of ECE, Vignan's University
Mr. S. Sivaji
Asst. Prof, Dept. of ECE, Vignan's University

A Five day workshop on

Distributed Control System

(Control Engineering and SCADA Concepts)

14 - 19 October, 2015



Organised by:

Department of
Electronics & Communication Engineering



VIGNAN'S
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UNIVERSITY
(Established by the UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India
www.vignanuniversity.org
Land : 0863-2344700 Ext : 225 Mob : 9703551269
e-mail : tp1977_ece@vignanuniversity.org

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research University is located in the serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali. The college is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering studies. Since its inception in 1997, this institution has been striving to promote high standards in technical education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

About ECE Department

The Department of ECE was established in the year 1997 to start a B.Tech programme affiliated to the JNT University, Hyderabad. The first batch of students graduated from the department in the year 2001. A PG, leading to M.Tech in 'Embedded Systems' was introduced in the year 2006. Consequent to the establishment of JNT University in Kakinada, the affiliations of both programmes were shifted to the new University from 2008 onwards. The undergraduate programme Electronics and Communication was accredited by NBA in the year 2006. In the year 2008, the college was accredited by NAAC and awarded an 'A' grade. The institution has been conferred with Deemed-to-be University status by UGC from January 2009. Thus, from a modest beginning, the department has come a long way. Today, it is one among the leading educational institutions of the country in Electronics and Communication Engineering and is now named as Department of ECE. The department of ECE offers B.Tech and M.Tech programmes.

About the Workshop

This workshop/training will facilitate the learner to the complete plant automation through Distributed control system. The operation/working and engineering of DCS will be learnt methodically. The Human Machine Interface (HMI) – ie. SCADA component of the system will be well understood through developing various Graphical User Interfaces (GUIs) and doing the operations and monitoring of the plant. The learner after the workshop will be able to relate this practical exposure to the theoretical knowledge of academics.

This will facilitate the student to look forward for career prospects in Industrial Automation.

About Yokogawa

Yokogawa Training center is a part of the Global Training Center where their training resources such as faculties and training infrastructure are shared across the globe. It offers a wide range of training courses ranging from Basic Instrumentation to Advance Process Control Techniques.

Yokogawa training programs address a variety of segments starting from students, fresher's, operators, process engineers, instrumentation engineers and senior executives of various organizations both in India and Abroad.

Yokogawa is a pioneer in the industry of Process Control and Instrumentation. It's headquarters is at Japan and affiliates are all over the world.

Resource Persons Profile

Mr. Veera Kiran Kumar G, Deputy Manager – Customer Service Division, Yokogawa India Limited. Mr. Veera Kiran Kumar G graduated from Andhra University, Visakhapatnam in Electronics and Communication Engineering. Subsequently he did his postgraduation from the Institute of Technology, Banaras Hindu University, Varanasi. He started his career at National Institute of Science and Technology, as Assistant Professor. He is Certified Functional Safety Engineer by TUV Rheinland for Safety Instrumented Systems. He is Deputy Manager at Yokogawa Technical School of M/s Yokogawa India Limited.

Mr Ramkumar CM Post graduated from Annamalai University, Chidambaram in Process Control & Instrumentation Engineering. He started his career at Cipla Ltd, Bangalore as an Executive. He was handled Complete Plant Automation OF API projects. Currently he is working as senior technical trainer in the Corporate Training Center of M/s Yokogawa India Limited.

Topics

- **Introduction to Industrial Automation**
Overview of DCS (Distributed Control System), DCS Architecture & DCS Configuration
- **Configuration and Operation of Control Instruments**
Open loop, Close loop, Cascade loop, Generation of Interlocks & Configuration of complex loop
- **Standard operation and Maintenance functions (SCADA)**
Operation of standard display panels, Configuration of Graphics & Trend recording display
- **Configuration of operation windows**

Registration Fee

Research Scholars/ PG Students/Faculty/Industrial Participants Rs.3000/-
Registration fee will entitle them to the course materials and snacks.

Persons interested in attending the workshop should send the registration form along with DD drawn in favour of **VFSTR General Funds**, payable at **Guntur** to The Coordinator, Department of ECE, Vignan's University, Vadlamudi, Guntur Dist. or scanned Registration Form and Demand Drafts can also be mail to gsrcs_ece@vignanuniversity.org

Spot Registrations are also allowed.

Important Dates

Last date for Receipt of Registrations : 11-10-2015
Last date for Confirmation : 12-10-2015



Distributed Control system overview. Mr. Ramkumar, Dr. B. Seetharamanjaneyulu, Dr. V Madhusudhan Rao, Mr. Veera kiran kumar G, Mr. P.R. Subramanyswara Rao, Dr. Usha Rani.



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Distributed control system overview

REPORT

Department of Electronics and Communication Engineering of VFSTR organized Faculty Development program on Distributed control system overview from 14th-19th Oct ,2015. The main aim of workshop is to impart concepts the learner to the complete plant automation through distributed control system. Resource person for this program were Mr. Ramkumar, Mr. Veera Kiran Kumar G. Mr. Y Ravi sekhar acted as co-ordinator for Faculty Development program and made it successful.

Summary of Program

Name of the Department	: Electronics and Communication Engineering
Name of the program	: Distributed control system overview
Date	:14-10-2015 to 19-10-2015
Venue	: VFSTR
Theme of the Training Program	: To facilitate the learner to the complete plant automation through distributed control system.
Resource Person Details	:Mr. Ramkumar, Mr. Veera Kiran Kumar G
No. of Participants	: 44
Department Co-Ordinator	:Mr. Y Ravi Sekhar Assoc. Prof. Dept of ECE,VFSTR


Mr. Y Ravi Sekhar

Co-Ordinator


Dr.N. Usha Rani

HoD, ECE

**HOD, ECE
VFSTR**

[illegible]



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

A Five day Workshop on Distributed control system

14/10/2015 to 19/10/2015

Attendance Form

Si. No	Name of the Participant	Name of the Institute & Branch	Date:16.10.2015		
			Signature session-I	Signature session-II	Signature session-III
1.	V. Yamini Lakshmi	VIGNAN UNIVERSITY, ES	V. Yamini	V. Yamini	V. Yamini
2.	V. Tejaswi	Vignana university, ES	V. Tejaswi	V. Tejaswi	V. Tejaswi
3.	P. Srikanta	ES	P. Srikanta	P. Srikanta	P. Srikanta
4.	M. Poornima Chinmai	DCN	M. P. Chinmai	M. P. Chinmai	M. P. Chinmai
5.	T. NAGA GOPI	VESTR, ES	T. Naga gopi	T. Naga gopi	T. Naga gopi
6.	K. K. Chaitanya	DCN	K. K. Chaitanya	K. K. Chaitanya	K. K. Chaitanya
7.	SK. Nodi Kisan	ES	SK. Nodi Kisan	SK. Nodi Kisan	SK. Nodi Kisan
8.	J. V. S. Swathi	ES	J. Swathi	J. Swathi	J. Swathi
9.	K. Sou. Durga	ES	K. Durga	K. Durga	K. Durga
10.	P. Ramamurthy	ES	P. Ramamurthy	P. Ramamurthy	P. Ramamurthy
11.	A. K. Ananth Kumar	ES	A. K. Ananth Kumar	A. K. Ananth Kumar	A. K. Ananth Kumar
12.	Ch. Sandhya Rani	ES	Ch. Sandhya Rani	Ch. Sandhya Rani	Ch. Sandhya Rani
13.	K. Ashok	ES	K. Ashok	K. Ashok	K. Ashok
14.	P. Gangadharan Sai	ES	P. Sai	P. Sai	P. Sai
15.	K. Tulasi	ES	K. Tulasi	K. Tulasi	K. Tulasi
16.	M. Tabrani	ES	M. Tabrani	M. Tabrani	M. Tabrani
17.	G. Lakshmi	ES	G. Lakshmi	G. Lakshmi	G. Lakshmi
18.	V. Yamuna Reddy	ES	V. Reddy	V. Reddy	V. Reddy
19.	K. V. L. Sadhana	ES	Sadhana	Sadhana	Sadhana
20.	B. K. V. N. S. Lakshmi Doriganke	ES	B. K. V. N. S. Lakshmi	B. K. V. N. S. Lakshmi	B. K. V. N. S. Lakshmi
21.	K. Supraja	ES	K. Supraja	K. Supraja	K. Supraja
22.	C. Lakshmi Chaitanya	ES	C. Lakshmi Chaitanya	C. Lakshmi Chaitanya	C. Lakshmi Chaitanya
23.	A. Rajitha	ES	A. Rajitha	A. Rajitha	A. Rajitha
24.	P. Shabana	ES	P. Shabana	P. Shabana	P. Shabana
25.	SK. Surajjaha	ES	SK. Surajjaha	SK. ST	SK. ST



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Department of Electronics & Communication Engineering

One Week Workshop on

Multisim

Date: 19-09-2015 to 25-09-2015

Resource Person

Mrs. K. Annapurna

Asst. Prof, ECE, VFSTR University

VENUE

VTF-06 LICA LAB



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Department of Electronics & Communication Engineering

Schedule

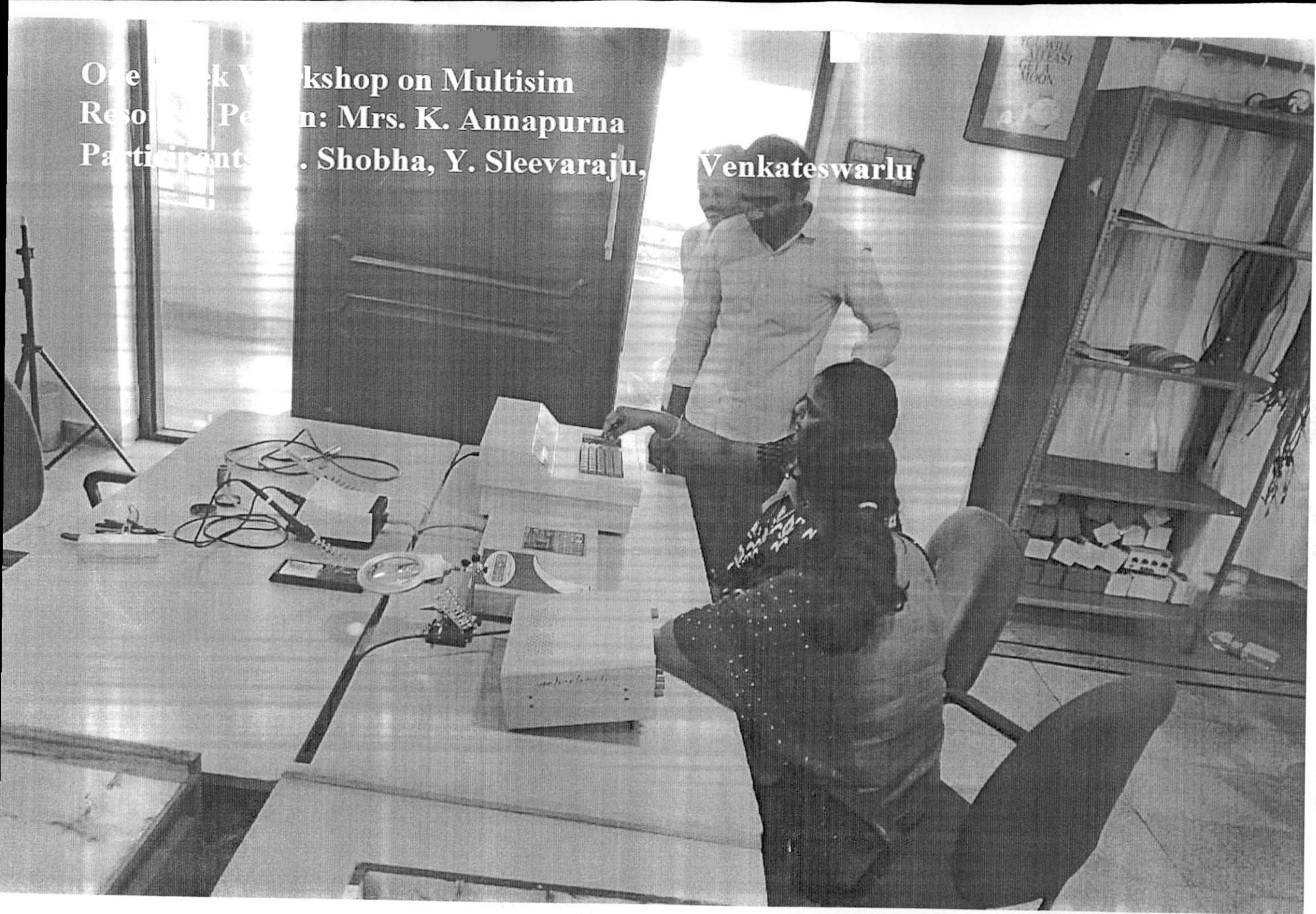
Topic: Multisim

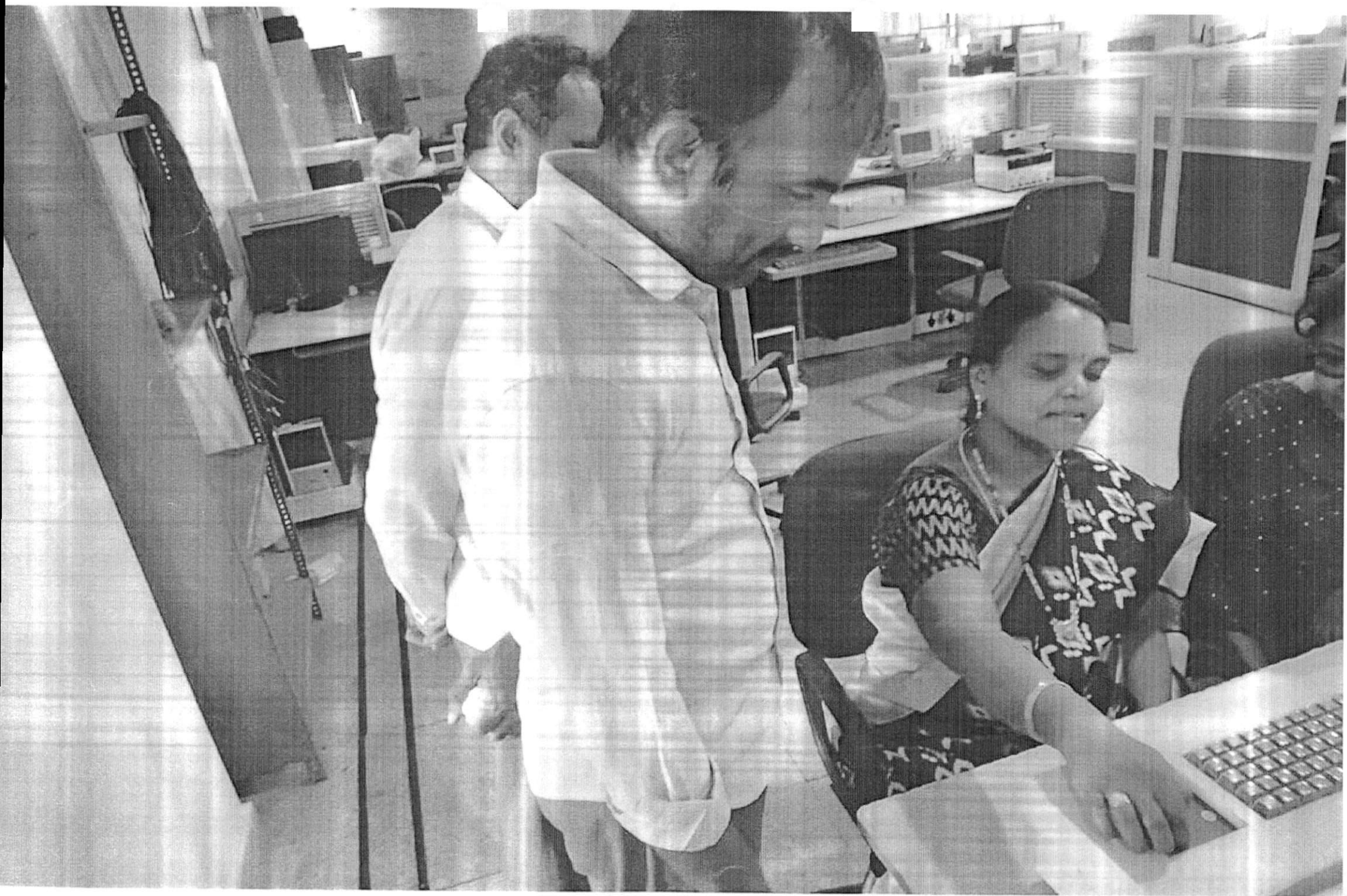
Date	Session-1	Session-2
19-09-2015	Introduction to Multisim	Simulation of various circuits
20-09-2015	Various Analysis	Various Analysis
21-09-2015	Placing and routing	Placing and routing
22-09-2015	Hands on practice	Hands on practice
23-09-2015	Hands on practice	Hands on practice
24-09-2015	Hands on practice	Hands on practice
25-09-2015	Hands on practice	Hands on practice

One Week Workshop on Multisim

Resource Person: Mrs. K. Annapurna

Participants: S. Shobha, Y. Sleevaraju, Venkateswarlu







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Report on Training Programme

Name of the Department : Electronics and Communication Engineering

Name of the Programme : One Week Workshop on Multisim

Date : 19th -25th September, 2015

Venue : VTF-06 LICA Lab, Third Floor,
H - Block, VFSTR University

Theme of the Training Programme : Basics of Multisim

Resource Person Details : Mrs. K. Annapurna
Assistant Professor,
Department of ECE, VFSTR University

No. of Participants : 3

Department Co-ordinator : Mr. Y.Ravi Sekhar
Associate Professor,
Department of ECE,
VFSTR University


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(ACCREDITED BY NAAC WITH 'A' GRADE)

Department of Electronics of and Communication Engineering**One Week Workshop on Multisim****19-09-2015 to 25-09-2015**

S.No	Employee Code	Name of the Technician	Designation	Signature
1	00056	Y. Sreevaraj	lab technician	Y. S. Raj
2	00779	G. Venkateswarlu	Lab Technician	GVR
3	00062	D. Shoba	lab technician	Shoba
4				
5				
6				

Ani Selvaraj
Co-ordinator

[Signature]
HoD

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Department of Electronics & Communication Engineering

One Week Workshop on

Computer Hardware

Date: 25-01-2016 to 31-01-2016

Resource Person

Mr. P. Krishna Chaitanya

Asst. Prof, ECE, VFSTR University

VENUE

VTF-17 Signal Processing Lab



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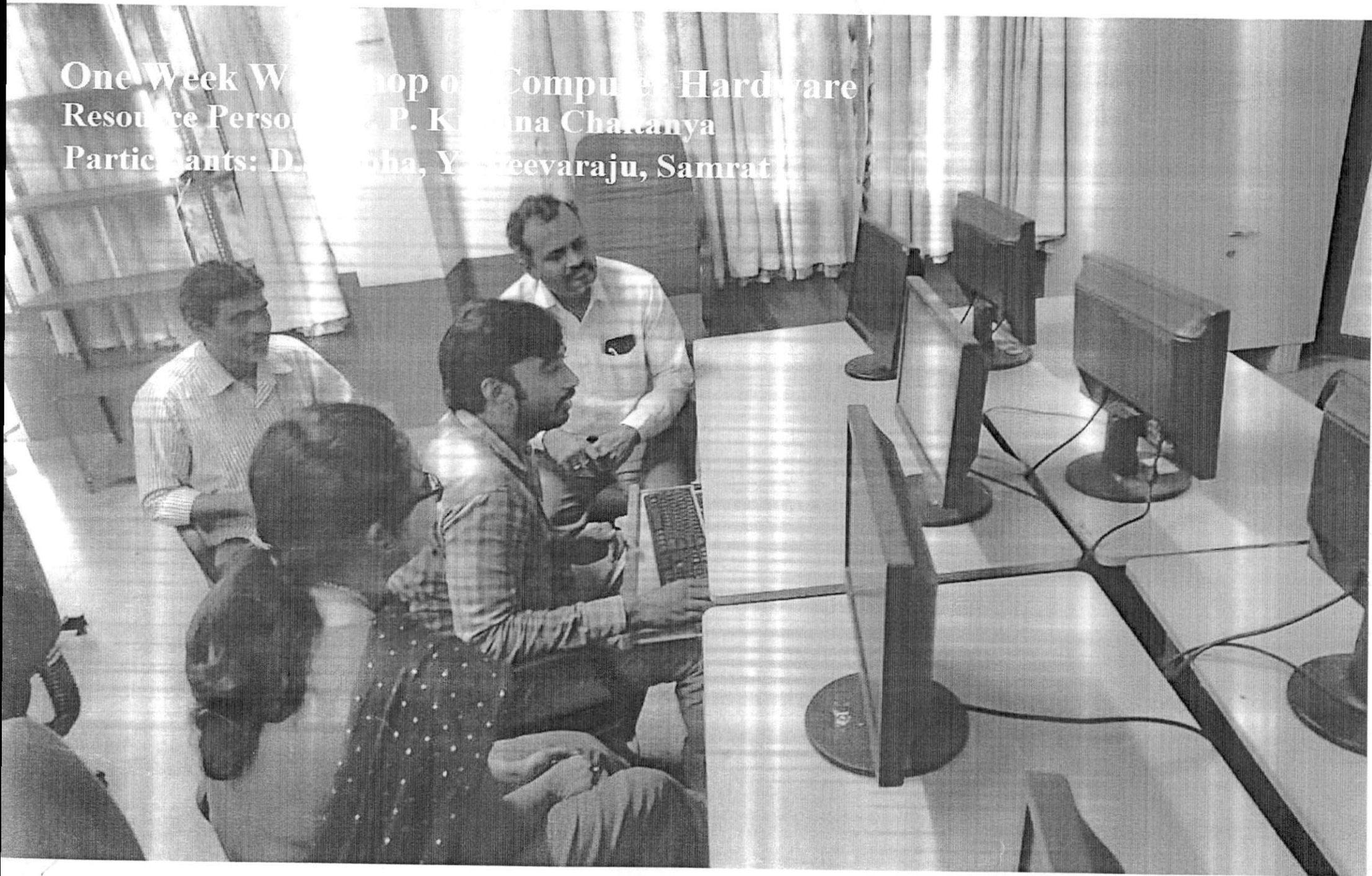
Department of Electronics & Communication Engineering

Schedule

Topic: Computer Hardware

Date	Session-1	Session-2
25-01-2016	Introduction to Computer hardware	Identifying different computer hardware
26-01-2016	Assembling Computer hardware	Assembling Computer hardware
27-01-2016	Trouble shoot hardware problems	Trouble shoot hardware problems
28-01-2016	Install open source operating system	Install open source operating system
29-01-2016	Understanding virtualisation and latest configuration	Understanding virtualisation and latest configuration
30-01-2016	Hands on Practice	Hands on Practice
31-01-2016	Hands on Practice	Hands on Practice

One Week Workshop on Computer Hardware
Resource Person: P. Krishna Chakanya
Participants: D. ...ha, Y. ...eevaraju, Samrat





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Report on Training Programme

Name of the Department : Electronics and Communication Engineering

Name of the Programme : One Week Workshop on Computer Hardware

Date : 25th -31th January, 2016

Venue : VTF-17 Signal Processing Lab, Third Floor,
H - Block, VFSTR University

Theme of the Training Programme : Basics of Computer Hardware

Resource Person Details : Mr. P. Krishna Chaitnya
Assistant Professor,
Department of ECE, VFSTR University

No. of Participants : 3

Department Co-ordinator : Mr. Y.Ravi Sekhar
Associate Professor,
Department of ECE,
VFSTR University

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Department of Electronics of and Communication Engineering

One Week Workshop on Computer Hardware

25-01-2016 to 31-01-2016

S.No	Employee Code	Name of the Technician	Designation	Signature
1	00056	Y. S. Kumar	Lab technician	Y. S. K.
2	00062	D. Shoba	lab technician	Shoba
3	00752	Y. Samrat	Lab technician	Samrat.
4				
5				
6				

Jan Kumar
Co-ordinator

[Signature]
HoD

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Department of Electronics & Communication Engineering

One Week Workshop on

Signals and systems

Date: 23-05-2016 to 29-05-2016

Resource Person

Dr. N. Usha Rani

Prof, ECE, VFSTR University

VENUE

VTF-17 Signal Processing Lab



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Department of Electronics & Communication Engineering

Schedule

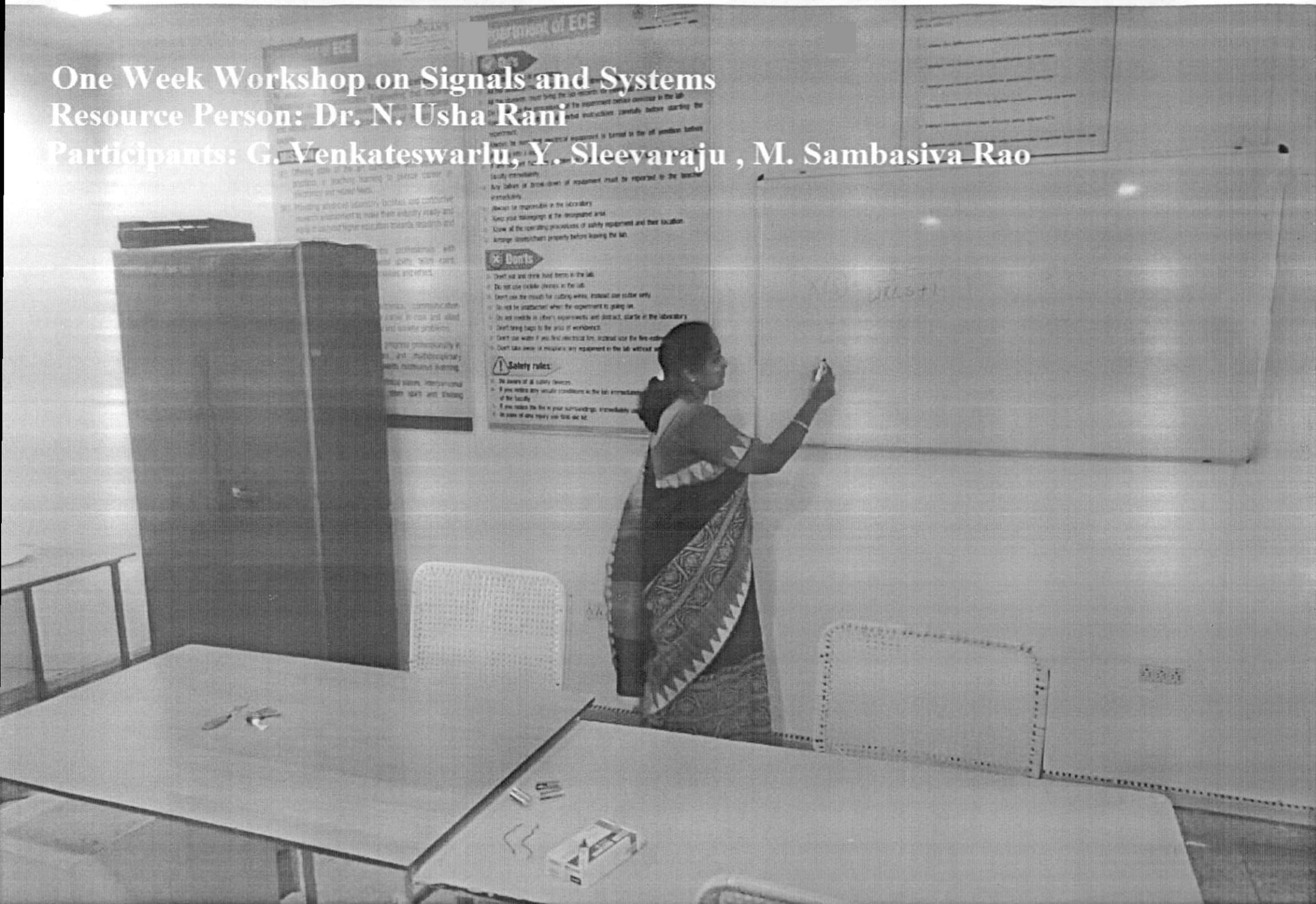
Topic: Signals and Systems

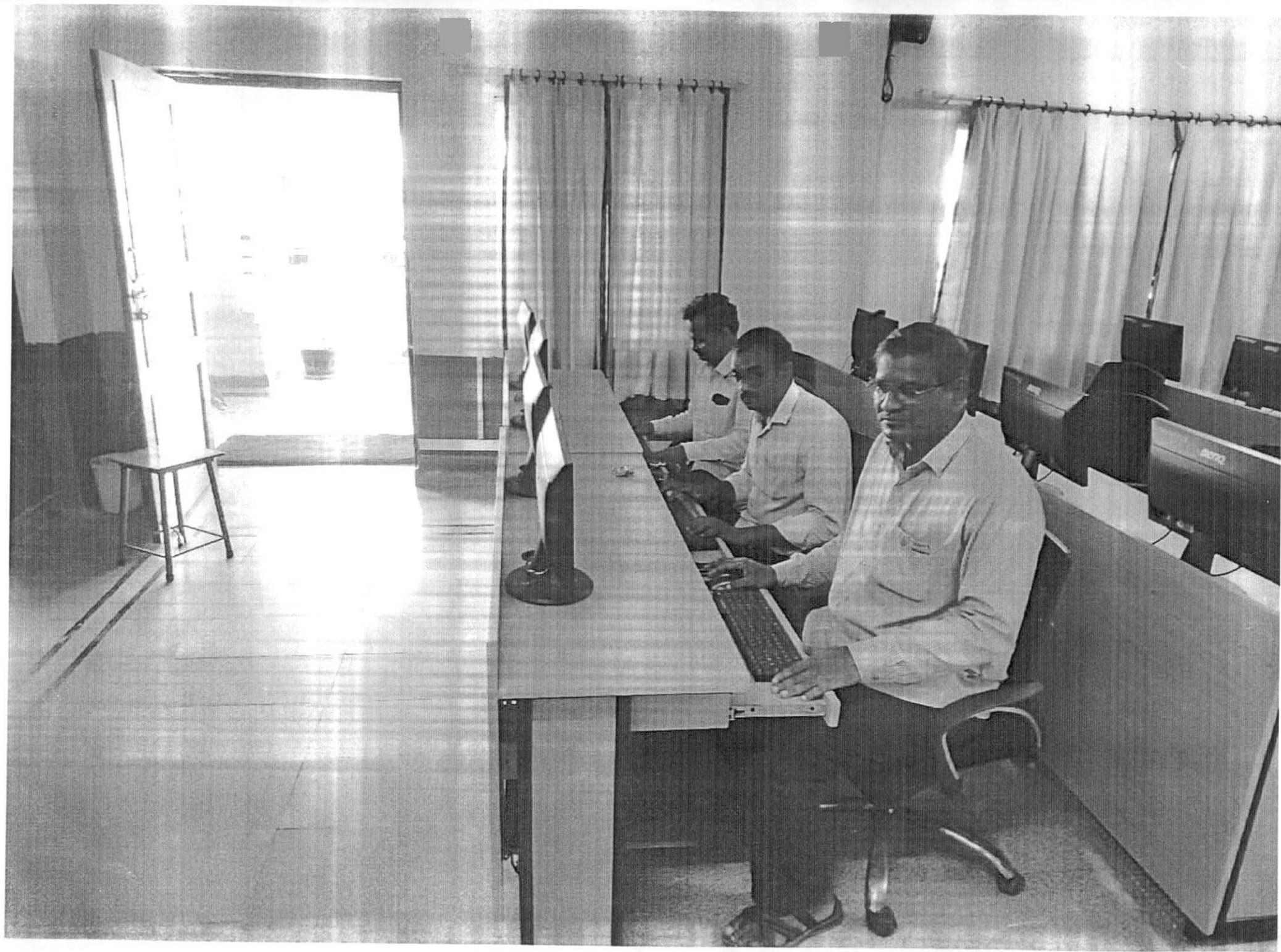
Date	Session-1	Session-2
23-05-2016	Introduction to Signals and systems	Introduction to Signals and systems
24-05-2016	Generation and plotting of trigonometric and exponential functions	Generation and plotting of trigonometric and exponential functions
25-05-2016	Operation on signals	Operation on signals
26-05-2016	Periodic Signal generation	Non periodic signal generation
27-05-2016	Analysis	Analysis
28-05-2016	Practice	Practice
29-05-2016	Practice	Practice

One Week Workshop on Signals and Systems

Resource Person: Dr. N. Usha Rani

Participants: G. Venkateswarlu, Y. Sleevaraju, M. Sambasiva Rao







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Report on Training Programme

Name of the Department : Electronics and Communication Engineering

Name of the Programme : One Week Workshop on Signals and systems

Date : 23th -29th May, 2016

Venue : VTF-17 Signal Processing Lab, Third Floor,
H - Block, VFSTR University

Theme of the Training Programme : Basics of Digital Signal Processing

Resource Person Details : Dr. N. Usha Rani
Professor
Department of ECE, VFSTR University

No. of Participants : 3

Department Co-ordinator : Mr. Y.Ravi Sekhar
Associate Professor,
Department of ECE,
VFSTR University


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Department of Electronics of and Communication Engineering

One Week Workshop on Signals and systems

23-05-2016 to 29-05-2016

S.No	Employee Code	Name of the Technician	Designation	Signature
1	00056	Y. Sreeva Rao	lab technician	Y. S. Rao
2	00779	G. Venkateswamy	Lab Technician	G. Venkateswamy
3	00042	M. Sam basirao	ss Lab Technician	M. Sam basirao
4				
5				
6				


Co-ordinator


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Six Days Training Programme to Non Teaching Staff

Sl.No	Date	Topics
1	11.07.2015	Creating a New Workbook Sharing Workbooks
2	12.07.2015	Selecting Ranges Editing in a Workbook
3	13.07.2015	Filling Data Formula Referencing
4	14.07.2015	Font Formatting Formulas and Functions
5	15.07.2015	Number Formatting Techniques Applying Borders
6	16.07.2015	Working With a Worksheet Page Setup

6 Days Training Programme on MS-EXCEL BASICS

Date: 11-07-2015 to 16-07-2015

Venue: 1st Floor, Video Conference Hall, NTR Library



Resource Person : **Mr. Ch. Dhanunjaya Rao,**
Nipuna Technologies, Guntur



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A Report on Non-Teaching Staff Training Programme- Conducted from 11-07-2015 to 16-07-2015

Topic: Basics of MS-Excel Concepts



Objectives of Training:

Employees should learn concepts of-

- Indicate the names and functions of the Excel interface components.
- Enter and edit data.
- Format data and cells.
- Construct formulas, including the use of built-in functions, and relative and absolute references.
- Create and modify charts.
- Preview and print worksheets.
- Use the Excel online Help feature.

Summary:

Six Day Training on Basics of Excel completed on 16-07-2015. Mr.Ch. Dhanunjaya rao, Nirupama technologies explained the concepts with the help of Projector. Live Demonstration on topics given by the expert.

No. of Participants: 48



TRAINING ON MS-EXCEL BASICS

Attendance Sheet from 11-07-2015 to 16-07-2015

Sl.No	Name	Deignation	11-07-2015	12-07-2015	13-07-2015	14-07-2015	15-07-2015	16-07-2015
1	Ms. K. Sunetha Kumari	Programmer	P	P	P	P	P	P
2	Mr. D. Ramesh	Lib Assist.	P	P	P	P	P	P
3	Mr. Y. Sita Ramaiah	Sr. Lab Assist.	P	P	P	P	P	P
4	Mr. G. Nalini Kanth	Sr. Asst.	P	P	P	P	P	P
5	Mr. M. Sambasiwa Rao	Sr. Lab Techn.	P	P	P	P	P	P
6	Mr. B. Suresh Babu	Sr. Asst.	P	P	P	P	P	P
7	Mr. Y. Sleeva Raju	Lab Asst.	P	P	P	P	P	P
8	Smt. D. Sobha	Sr. Lab Techn.	P	P	P	P	P	P
9	Mr. K. Venkata Rao	Sr. Lab Assist.	P	P	P	P	P	P
10	Mr. B. Peraiah	Sr. Asst.	P	P	P	P	P	P
11	Mr. D.Ch. Srinivasa Rao	Sr. Accountant	P	P	P	P	P	P
12	Mr. A. Lokaditya	Sr. Asst.	P	P	P	P	P	P
13	Mr. D. Gopi	Jr. Asst.	P	P	P	P	P	P
14	Ms. P. Rajani	Sr. Asst.	P	P	P	P	P	P
15	Mr. C. Kalyan Chakravarthi	Sr. Lab Techn.	P	P	P	P	P	P
16	Ms. K. Sathya Vani	Lib Assist.	P	P	P	P	P	P
17	Ms. P. Bhanu	Jr. Asst.	P	P	P	P	P	P



TRAINING ON MS-EXCEL BASICS

Attendance Sheet from 11-07-2015 to 16-07-2015

Sl.No	Name	Deignation	11-07-2015	12-07-2015	13-07-2015	14-07-2015	15-07-2015	16-07-2015
18	Mr. Y. Rama Mohan	Sr. Lab Techn.	P	P	P	P	P	P
19	Mr. K. Ravi Kumar	Sr. Asst.	P	P	P	P	P	P
20	Mr. Sk Meeravali	Sr. Lab Asst.	P	P	P	P	P	P
21	Mr. M. Sridhar	Asst. Librarian	P	P	P	P	P	P
22	Mr. L. Madhava Rao	Jr. Asst.	P	P	P	P	P	P
23	Ms. K. Usha Rani	Jr. Asst. Cum Typist	P	P	P	P	P	P
24	Ms. J. Sandhya	Jr. Asst.	P	P	P	P	P	P
25	Mr. D. Satyanarayana	Sr. Accountant	P	P	P	P	P	P
26	Mr. G. Mallikarjuna Rao	Sr. Asst.	P	P	P	P	P	P
27	Mr. K. Srinivas	Sr. Asst.	P	P	P	P	P	P
28	Mr. S. Venkata Ramana	Jr. Asst.	P	P	P	P	P	P
29	Mr. A. D. Maheswara Rao	Sr. Asst. (Design)	P	P	P	P	P	P
30	Mr. G. Hanumantha Rao	Sr. Asst. (Maintenance)	P	P	P	P	P	P
31	Mrs. P. Radha Madhavi	Programmer	P	P	P	P	P	P
32	Mr. T. Sridhar	Sr. Asst.	P	P	P	P	P	P
33	Ms. Ch. Srirama Tulasi	Jr. Asst.	P	P	P	P	P	P
34	Ms. V.V. Chaitanya Muppidi	Sr. Asst. (PA To Registrar)	P	P	P	P	P	P



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TRAINING ON MS-EXCEL BASICS

Attendance Sheet from 11-07-2015 to 16-07-2015

Sl.No	Name	Designation	11-07-2015	12-07-2015	13-07-2015	14-07-2015	15-07-2015	16-07-2015
35	Ms. J. Haritha	Jr. Asst.	P	P	P	P	P	P
36	Ms. Kontham Sujatha	Jr. Asst.	P	P	P	P	P	P
37	Ms. G. Tejo Lakshmi	Programmer	P	P	P	P	P	P
38	Mr. A. Satish	Jr. Asst.	P	P	P	P	P	P
39	Mr. Murali Krishna Nangedda	Programmer	P	P	P	P	P	P
40	Mr. T. Srinivasa Rao	Lab Tech.	P	P	P	P	P	P
41	Mr. Movva Ramakrishna	Jr. Asst.	P	P	P	P	P	P
42	Ms. Ch. Lakshmi	Jr. Asst.	P	P	P	P	P	P
43	Ms. Tipura Damarla	Programmer	P	P	P	P	P	P
44	Mr. A. Suman Kalyan	Jr. Accountant	P	P	P	P	P	P
45	Mr. B. Vijaya Raju	Jr. Asst.	P	P	P	P	P	P
46	Mr. K. Kiran Kumar	Jr. Asst. (Programmer)	P	P	P	P	P	P
47	Mr. G. Venkateswarlu	Lab Tech.	P	P	P	P	P	P
48	Mr. K. V. Narayana	Jr. Asst.	P	P	P	P	P	P

UR



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(Estd u/s 3 of UGC Act of 1956)

4 Days Training Programme on

Hostel Care takers and House keeping staff

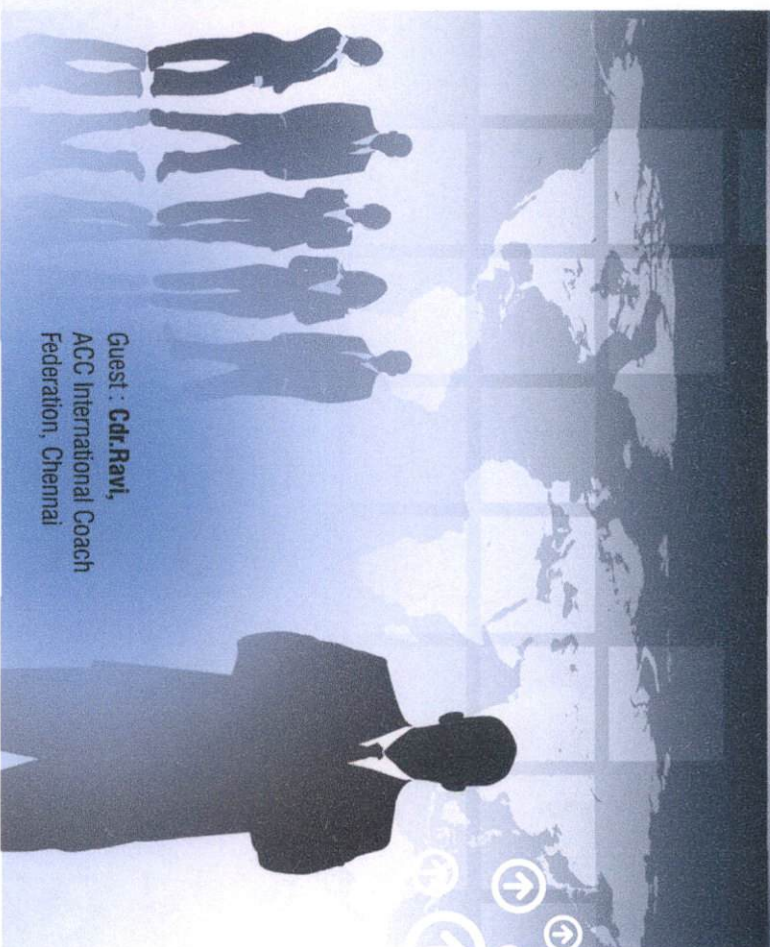
S No	Date	Topics
1	18-08-2015	Basic of Health and Hygiene Housekeeping & Safety and Security
2	19-08-2015	Housekeeping Techniques and skills
3	20-08-2015 to 21-08-2015	Practical sessions on housekeeping

4 Days Training Programme on

Training on House Keeping to Hostel Care takers and House keeping staff

Date: 18-08-2015 to 21-08-2015

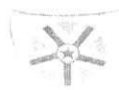
Venue: 1st Floor, Library Conference Hall.



Guest : **Mr.Ravi,**
ACC International Coach
Federation, Chennai



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A Report on Non-Teaching Staff Training Programme- Conducted from 18-08-2015 to 21-08-2015

Topic: Training on House Keeping to Hostel Caretakers and House Keeping Staff



Objectives of Training:

The training offered with objectives to learn-

- Basic of Health and Hygiene Housekeeping & Safety and Security
- Housekeeping Techniques and skills
- Practical sessions on housekeeping

Duration: 18-08-2015 to 21-08-2015

Summary:

A total of 16 employees participated in the training programme.

The participants were offered training on various topics by Cdr.Ravi, ACC International Coach Federation, Chennai. All the lectures are delivered with a power point presentation.

The training session ended with closing remarks by Participants.

THE SECRETARY OF THE
NAVY
WASHINGTON, D. C.
JAN 10 1900



TRAINING ON HOUSE KEEPING TO HOSTEL CARETAKERS AND
HOUSE KEEPING STAFF

Venue: Library Conference hall

Attendance Sheet of Vignan Student Hostel staff

S.no	Name	Designation	Aug-2015			
			18	19	20	21
1	Ch.Sai babu	Caretaker	P	P	P	P
2	T.Someswara Rao	Caretaker	P	P	P	P
3	P.Janardhana Reddy	Caretaker	P	P	P	P
4	k.Nagaraju	Caretaker	P	P	P	P
5	P.Krishna rao	Caretaker	P	P	P	P
6	R.Srinivasa Naidu	Caretaker	P	P	P	P
7	Ch.Padmaja	Caretaker	P	P	P	P
8	V.Bhargavi	Caretaker	P	P	P	P
9	P.Parameswari	Caretaker	P	P	P	P
10	D.sridevi	Caretaker	P	P	P	P
11	N.pavani	Caretaker	P	P	P	P
12	K.V.Narasamma	Caretaker	P	P	P	P
13	D.Lakshmi	Caretaker	P	P	P	P
14	T.sujatha	Caretaker	P	P	P	P
15	G.Vara Lakshmi	Caretaker	P	P	P	P
16	M.Ramesh	Caretaker	P	P	P	P
17	K.Mahesh	Caretaker	P	P	P	P
18	V.Krishna mohan	Caretaker	P	P	P	P

Assistant Registrar

VIGNAN'S FOUNDATION
FOR SCIENCE, TECHNOLOGY AND RESEARCH
(Declared to be Deemed University U/s 3 of UGC Act 1956)
VADLAMUDI-522 213.
A.P. INDIA



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UNIVERSITY
(Estd w/s 3 of UGC Act of 1956)

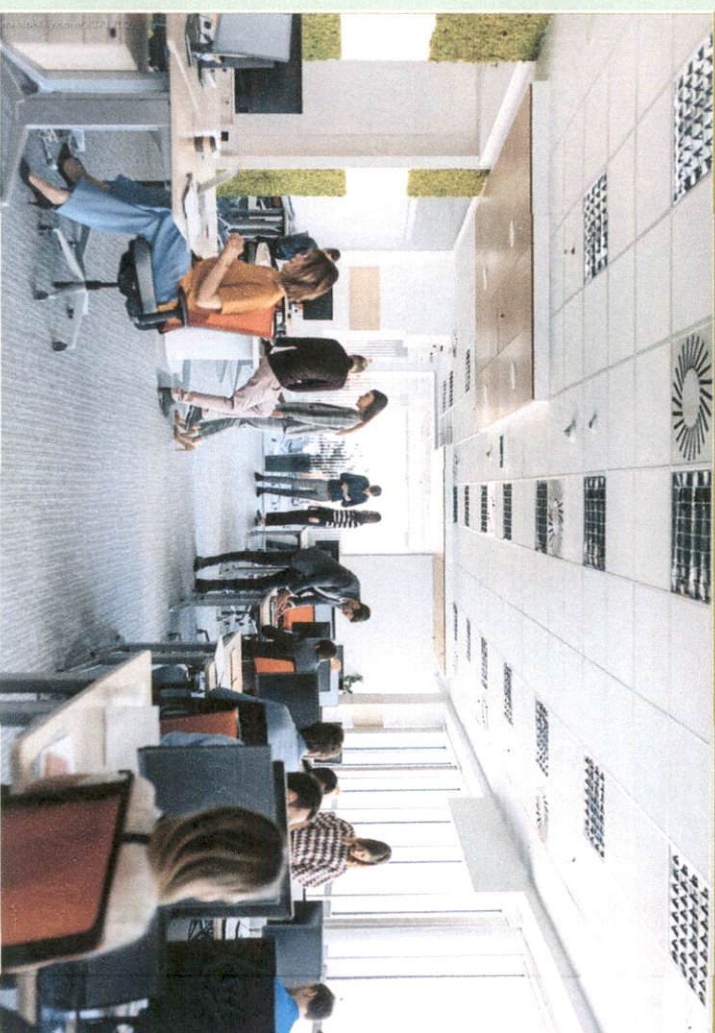
Four Days Training Programme to Non Teaching Staff

Sl.No	Date	Topics
1	28.11.2015	Understanding the meaning of Office Etiquette Punctuality Dressing
2	29.11.2015	Away from Gossips Ask before borrowing
3	30.11.2015	Pleasing Manners Do not interrupt
4	01.12.2015	Conversation with Colleagues and Officials

4 Days Training Programme on Office Etiquette to all Non Teaching Staff

Date: 28-11-2015 to 01-12-2015

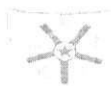
Venue: 1st Floor, Video Conference Hall, NTR Library



Resource Person:
Commodore **Dr. M.S.Raghunathan**



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A Report on Non-Teaching Staff Training Programme- Conducted from 28-11-2015 to 01-12-2015

Topic: Training on Office Etiquettes to Non-Teaching Staff



Objectives of Training:

To train employees on basic Etiquettes as below-

- Understanding the meaning of Office Etiquette
- Punctuality
- Dressing
- Away from Gossips
- Ask before borrowing
- Pleasing Manners
- Do not interrupt
- Conversation with Colleagues and Officials

Resource Person: Cmdr(Dr.) M. S. Raghunathan, Registrar

Summary:

A total of 72 Participants attended for training programme. The resource person explained different aspects of Office Etiquettes required for the organization through Power point presentation.

The training programmes were offered as planned and published in brochure.





TRAINING ON OFFICE ETIQUETTE TO
ALL NON-TEACHING STAFF

Attendance Sheet from 28-11-2015 to 01-12-2015

Sl.No	Name	Deignation	28-11-2015	29-11-2015	30-11-2015	01-12-2015
1	Sk. Abdul Gani	Technician	P	P	P	P
2	Mr. Shaik Mastan Basha	Technician	P	P	P	P
3	Mr. P.Sarat Babu	Technician	P	P	P	P
4	Ms. A. Kavitha	Techn. Asst. (Web Developer)	P	P	P	P
5	Mr. Bala Sekhar	Techn. Asst.(Hardware)	P	P	P	P
6	Mr. D. Nagadevaiah	Techn. Asst. (Software Developer)	P	P	P	P
7	Mr. G. Lokesh	Techn. Asst. (Software Developer)	P	P	P	P
8	Mr. M. Srinivasa Reddy	Techn. Asst. (Hardware)	P	P	P	P
9	Mr. K. Ravi Kanth	Techn. Asst. (Hardware)	P	P	P	P
10	Mr. R. Suresh Kumar	Systems Manager	P	P	P	P
11	Mr. Y. Rama Mohan	Sr. Lab Techn.	P	P	P	P
12	Mr. C. Kalyan Chakravarthi	Sr. Lab Techn.	P	P	P	P
13	Smt. D. Sobha	Sr. Lab Techn.	P	P	P	P
14	Mr. M. Sambasiva Rao	Sr. Lab Techn.	P	P	P	P
15	Mr. Sk Meeravali	Sr. Lab Assist.	P	P	P	P
16	Mr. K. Venkata Rao	Sr. Lab Assist.	P	P	P	P
17	Mr. Y. Sita Ramaiah	Sr. Lab Assist.	P	P	P	P
18	Ms. V.V. Chaitanya Muppidi	Sr. Asst.(PA To Registrar)	P	P	P	P
19	Mrs. G. Bhanumathi	Sr. Asst. (PS To Chairman)	P	P	P	P



TRAINING ON OFFICE ETIQUETTE TO
ALL NON-TEACHING STAFF

Attendance Sheet from 28-11-2015 to 01-12-2015

Sl.No	Name	Deignation	28-11-2015	29-11-2015	30-11-2015	01-12-2015
20	Mr. G. Hanumantha Rao	Sr. Asst. (Maintenance)	P	P	P	P
21	Mr. A. D.Maheswara Rao	Sr. Asst. (Design)	P	P	P	P
22	Mr. T. Sridhar	Sr. Asst.	P	P	P	P
23	Mr. G. Mallikarjuna Rao	Sr. Asst.	P	P	P	P
24	Mr. K. Srinivas	Sr. Asst.	P	P	P	P
25	Mr. K. Ravi Kumar	Sr. Asst.	P	P	P	P
26	Ms. P. Rajani	Sr. Asst.	P	P	P	P
27	Mr. B. Peraiah	Sr. Asst.	P	P	P	P
28	Mr. A. Lokaditya	Sr. Asst.	P	P	P	P
29	Mr. B. Suresh Babu	Sr. Asst.	P	P	P	P
30	Mr. G. Nalini Kanth	Sr. Asst.	P	P	P	P
31	Mr.A.Bhavani Sankar	Sr. Accountant	P	P	P	P
32	Mr. D. Satyanarayana	Sr. Accountant	P	P	P	P
33	Mr. D.Ch. Srinivasa Rao	Sr. Accountant	P	P	P	P
34	Mr. G. Mahesh Babu	Programmer	P	P	P	P
35	Ms. Tipura Damarla	Programmer	P	P	P	P
36	Ms. G. Tejo Lakshmi	Programmer	P	P	P	P
37	Mr. Murali Krishna Nangedda	Programmer	P	P	P	P
38	Mrs. P. Radha Madhavi	Programmer	P	P	P	P



TRAINING ON OFFICE ETIQUETTE TO
ALL NON-TEACHING STAFF

Attendance Sheet from 28-11-2015 to 01-12-2015

Sl.No	Name	Deignation	28-11-2015	29-11-2015	30-11-2015	01-12-2015
39	Ms. K. Suneetha Kumari	Programmer	P	P	P	P
40	Mr. Masthan Vali Shaik	Lib Assist.	P	P	P	P
41	Ms. K. Sathya Vani	Lib Assist.	P	P	P	P
42	Mr. D. Ramesh	Lib Assist.	P	P	P	P
43	Ms. V. Nagamamata	Lab Tech.	P	P	P	P
44	Mr. G. Venkateswarlu	Lab Tech.	P	P	P	P
45	Mr. Ch. Phaneendra Kumar	Lab Tech.	P	P	P	P
46	Mr. P. Guru Prasada Rao	Lab Tech.	P	P	P	P
47	Mr. B. Anil Kumar	Lab Tech.	P	P	P	P
48	Mr. T. Srinivasa Rao	Lab Tech.	P	P	P	P
49	Mr. Y. Sleevea Raju	Lab Asst.	P	P	P	P
50	Ms. K. Usha Rani	Jr. Asst. Cum Typist	P	P	P	P
51	Mr. K. Kiran Kumar	Jr. Asst. (Programmer)	P	P	P	P
52	Ms. Yamarthi Surekha	Jr. Asst.	P	P	P	P
53	Mr. B. Gopi Kiran	Jr. Asst.	P	P	P	P
54	Mr. Noorbasha Nabi	Jr. Asst.	P	P	P	P
55	Mr. K. Ramesh	Jr. Asst.	P	P	P	P
56	Mr. K.V. Narayana	Jr. Asst.	P	P	P	P
57	Ms. Ch. Lakshmi	Jr. Asst.	P	P	P	P



TRAINING ON OFFICE ETIQUETTE TO
ALL NON-TEACHING STAFF

Attendance Sheet from 28-11-2015 to 01-12-2015

Sl.No	Name	Deignation	28-11-2015	29-11-2015	30-11-2015	01-12-2015
58	Mr. B. Vijaya Raju	Jr. Asst.	P	P	P	P
59	Ms. Kontham Sujatha	Jr. Asst.	P	P	P	P
60	Mr. A. Satish	Jr. Asst.	P	P	P	P
61	Mr. Movva Ramakrishna	Jr. Asst.	P	P	P	P
62	Ms. J. Haritha	Jr. Asst.	P	P	P	P
63	Ms. Ch. Srirama Tulasi	Jr. Asst.	P	P	P	P
64	Ms. J. Sandhya	Jr. Asst.	P	P	P	P
65	Mr. S.Venkata Ramana	Jr. Asst.	P	P	P	P
66	Mr. L. Madhava Rao	Jr. Asst.	P	P	P	P
67	Ms. P. Bhanu	Jr. Asst.	P	P	P	P
68	Mr. D. Gopi	Jr. Asst.	P	P	P	P
69	Mr.Sk.Samivulla	Jr. Accountant	P	P	P	P
70	Mr. A. Suman Kalyan	Jr. Accountant	P	P	P	P
71	G.Jeevan Kumar	Asst. Manager	P	P	P	P
72	Mr. M. Sridhar	Asst. Librarian	P	P	P	P

Assistant Registrar

About the University

Vignan's Foundation for Science, Technology and Research University, is a private multidiscipline university of central province of Andhra Pradesh. Situated in a rural area, it is engaged in providing quality education with meaningful research orientation and industry driven curriculum at UG, PG and Doctoral level, to produce competent professionals & worthy citizens with deep social concerns. It aims at inculcating human ethics and at creating awareness about the society. The mission of the university is to provide high quality administrative and student services and to create real value to the society by training the students to compete and achieve outstanding results.

About Applied Engineering Department

The Applied Engineering field is concerned with the application of management, design and technical skills in principles of design, creation of products and systems within a manufacturing context. Applied Engineering department offers bachelors (Agriculture Engineering, Automobile Engineering), Masters (Farm Machinery) and Doctoral programs in the areas of Farm Machinery.

Agricultural Engineering provides inputs and trained manpower to the State of Andhra Pradesh towards making farming progressive through efficient use of natural resources like water, land and energy. Basically being agriculture dependent economy having small, medium and large farming groups, this course describes the possibility of incorporating the newest technologies into farming for increased productivity. Automobile Engineering deals with design, development and manufacturing of automobiles. The four year degree offers knowledge of automobile engineering in the areas of vehicle performance, vehicle design and analysis, key indicators of the automobile performance, materials used for the automotive components.

The department have the faculty from various specializations like Automobile Engineering, Soil and Water Engineering, Food Processing Engineering and Farm Machinery etc. Faculty of the department are actively participating in the R&D activities like projects and publishing the papers in quality journals.

Overview of the program

This program includes some of the topics like human in Virtual reality, latest technologies involved in the applications of drones to various fields. Also includes some of the sensors which will be incorporated along with the drones. Discussions will also be done on safe and more efficient alternative to 2D touch screen interfaces and new challenges in virtual reality.

Chief Patron

Dr. L. Rathaiah
Chairman,
Vignan's group of Institutions

Prof. K. Ramamurthy Naidu
Chancellor

Chief Guest

V. Gopi Chand
Lead Engineer, John Dheere India Limited

G. Kiran Raj
Principal Advisory to CoE, AVERA, Electric Vehicles

Patron

Dr. C. Thangaraj
Vice-Chancellor

Prof. B. Ramamoorthy - Rector

Co-Patrons

Comd. Dr. M. S. Raghunathan - Registrar
Dr. V. Madhusudhan Rao Dean, Engg. & Management.

Convenor

Dr. Vidhu Kampurath P
HoD, Applied Engg.

Coordinator

Mr. S. Krishna Chaitanya, Assistant Professor, Applied Engg.

- > Registration Fee : Faculty -Rs 3000/-
- > Industry Participants: Rs 5000/-

Faculty Development Program on Drones and Virtual Reality

04th - 11th May 2016



Organized by



Department of
Applied Engineering

Accredited by
NAAC with A Grade



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established under the UGC Act of 1956)

Vadlamudi, Guntur - 522213. A.P., India.
Phone: 0863-2344700, Extn: 168 | Fax: 0863-2534468

Vignan's University

Registration Form

Faculty Development Program

on

Drones and Virtual Reality

04th - 11th May, 2016

Name(BLOCKLETTERS):.....

Gender : M/F

Designation :

Organization :

Mailing Address :

Telephone :(D)
.....(R)

Fax :

Mobile:

E-mail ID:

Qualifications:

Experience:Yrs.

Payment: D.D.No.....
Dt.....Rs.....

Accommodation Required : Yes / No

Date:

Signature of Applicant

Objective:

The program will examine the research and latest trends in the area of Drones and Virtual Reality, both at the national and international levels. Topics Covered are human in Virtual reality, applications of drones in Power, Coal industries, Agriculture sector and Automobile Industry.

Duration : 8 Days (6 hours each day)

Topics Covered in this FDP are:

1. Applications of drones
2. Basic approaches
3. Maximum utility sectors
4. Primary key factors
5. Application of virtual reality

Introduction to the program

Virtual reality drones are flying devices that have the capability of filming or streaming immersive content. The content is then viewable in a VR headset. The idea is that people can fly their drones around, have the content recorded, and then viewable later for professional or personal purposes.

Overview of the program

This program includes topics like human in Virtual reality, latest technologies involved in the applications of drones to various fields. Also includes some of the sensors which will be incorporated along with the drones. Discussions will also be done on safe and more efficient alternative to 2D touch screen interfaces and new challenges in virtual reality.

Resource Person

The resource person for the program is from Lead Engineer, John Dheere India Pvt. Ltd..

Eligibility:

Following are eligible to attend the program

UG / PG students or Ph.D. scholars or Engineers from the departments Mechanical, Aerospace, Avionics, Automobile, Environmental, Agriculture, Civil, Electronic, Communication Engineering and any engineering or science background willing to learn drone technology.

Venue for Classes

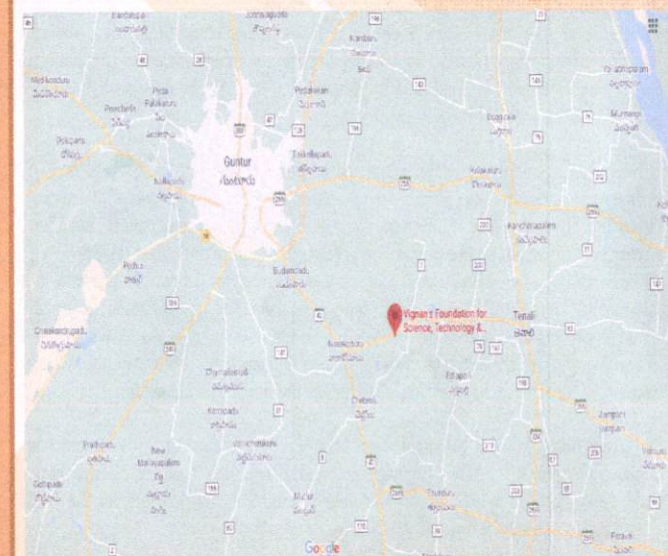
Classes will be held in Seminar Hall, Department of Applied Engineering, Vignan's University.

Mark your Calendar

Registration Deadline : 29th April 2016.
Notification to the candidates : 1st May 2016.
FDP date : 04th - 11th May 2016.

How to reach

Guntur is well connected to all major cities in India by air, rail & road. The Airport of Vijayawada city has number of daily flights from G to New Delhi the capital city of India, Bangalore, and Hyderabad Silicon valley of India and Chennai. Tenali railway line is on the New Delhi - Chennai line. Major trains going from Chennai to New Delhi via, Vijayawada, Nagpur and Jhansi pass through Bhopal. Guntur is also well connected to east region of India through trains.



Dr. Vidhu Kampurath, P

Head of the Department

Department of Applied Engineering

Vignan's University

Vadlamudi, Guntur - 522213, Andhra Pradesh, India

Phones : +91 853 2344768 / 2344700 (168)

Email: hodae@vignanuniversity.org

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26	Mr. Himansusekhar Dash	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	Dr. Ram Narayan Chauhan	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	Dr. B. Ramamoorthy	Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Mr. Golla Chittibabu	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Mr. Sai Kumar S	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
31	Mr. K. Srinivasa Raghavan	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
32	Dr. K Sreedhar Babu	Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
33	Mrs. Jyothi Yarlaga	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
34	Mr. Savendra Pratap Singh	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
35	Mr. B. Kiran Raj	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
36	Mr. Deepak Panda	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
37	Mr. Shashank Jain	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
38	Ms. K. Sai Priyanjali	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
39	Ms. Hrudya	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
40	Mr. G.D.Surya Chand	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
41	Mr. Aditya	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
42	Mr. Ashutosh Kumar Dikshit	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
43	Mrs. Shobha Duggi	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
44	Mr. G. Hanumantha Rao	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P
45	Ms. O. Nageswaramma	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Mr. S. Krishna Chaitanya
Co-ordinator

Dr. Vidhu K P
HOD, Applied Engg

Department of Applied Engineering

VFSTR University
VADLAMUDI



FACULTY DEVELOPMENT PROGRAMME



On

Drones and Virtual Reality

This is to certify that *Dr. Sanjeet Kumar* of "Vignan's Foundation for Science Technology and Research" has participated in Faculty Development Programme on "***Drones and Virtual Reality***" during **4th May to 11th May 2016** organized by Department of Applied Engineering, Vignan's Foundation for Science Technology and Research, Vadlamudi, Guntur Dist., Andhra Pradesh.

Mr. S. Krishna Chaitanya
Coordinator

Dr. Vidhu K P
HoD, Applied Engineering



VIGNAN'S
UNIVERSITY

Report of Faculty Development Program on

Drones and Virtual Reality

Name of the Program: Drones and Virtual Reality

Resource persons:

Mr. V. Gopi Chand and Mr. G. Kiran Raj

Venue: AFTF-04 (U-Block)

Name of the Coordinator: Mr. Krishna Chaitanya

Dates of the Program: 4th May to 11th May 2016

Objective of Program: To identify the challenges in virtual reality and UAVs (Unmanned Aerial Vehicles) or Drones.

Briefing:

The Faculty Development program on Drones & Virtual reality is organized by the Applied Engineering department, VFSTRU Vaddlamudi under the guidance of Head of the Department, with the support of all the faculty in the department.

This program includes some of the topics like the human in virtual reality, latest technologies involved in the applications of drones to various fields. Also includes some of the sensors which will be incorporated along with the drones.

Mr. V. Gopi Chand, Lead Engineer in John Dheere India limited, has delivered a lecture on the latest technologies in the virtual reality concept.

Mr. G. Kiran Raj, Principle advisor to CEO, AVERA electric vehicles, also added some of the technologies and applications where we can efficiently use the drones.

The following topics are covered during the training program.

1. A safe and more efficient alternative to 2D touchscreen interfaces
2. Path planning interaction time
3. UAV capabilities begin to support more complex tasks in 3D space
4. To support these challenging new tasks in Virtual reality.



VIGNAN'S
UNIVERSITY

Currently, in the industry, a new virtual reality training system for drones enabling different environment sensing techniques. Also, the application of the drones was extended to various fields where the man power can be reduced to a great extent.

Virtual reality and UAV's (Unmanned Aerial Vehicles) or also known to be drones are found the applications in some of the areas like enhancing the inspection in the industry, agriculture, construction, real estate, engineering etc.

Combining the capabilities of VR and UAVs opens up more possibilities.

Outcomes of the program:

1. To develop the services using the latest technologies in VR
2. To understand the human-robot interface
3. To know about the working of different types of sensors
4. New challenges in combining the VR and UAVs
5. Various applications of VR and UAVs

The program ends with the certificate distribution to the participants and vote of thanks is delivered by Mr. Bachina Harish Babu.



FDP on Drones and Vitrtual Reality
4th May to 11th May 2016
Resource Person: Mr. V. Gopi Chand



(Dr. Vidhu K P)

HOD, Applied Engineering

Department of Applied Engineering

VFSTR University

VADLAMUDI

About the University

Vignan's Foundation for Science, Technology and Research University, is a private multidisciplinary university of central province of Andhra Pradesh. Situated in a rural area, it is engaged in providing quality education with meaningful research orientation and industry driven curriculum at UG, PG and Doctoral level, to produce competent professionals & worthy citizens with deep social concerns. It aims at inculcating human ethics and at creating awareness about the society. The mission of the university is to provide high quality administrative and student services and to create real value to the society by training the students to compete and achieve outstanding results.

About Applied Engineering Department

The Applied Engineering field is concerned with the application of management, design and technical skills in principles of design, creation of products and systems within a manufacturing context. Applied Engineering department offers bachelors (Agriculture Engineering, Automobile Engineering), Masters (Farm Machinery) and Doctoral programs in the areas of Farm Machinery.

Agricultural Engineering provides inputs and trained manpower to the State of Andhra Pradesh towards making farming progressive through efficient use of natural resources like water, land and energy. Basically being agriculture dependent economy having small, medium and large farming groups, this course describes the possibility of incorporating the newest technologies into farming for increased productivity. Automobile Engineering deals with design, development and manufacturing of automobiles. The four year degree offers knowledge of automobile engineering in the areas of vehicle performance, vehicle design and analysis, key indicators of the automobile performance, materials used for the automotive components.

The department have the faculty from various specializations like Automobile Engineering, Soil and Water Engineering, Food Processing Engineering and Farm Machinery etc. Faculty of the department are actively participating in the R&D activities like projects and publishing the papers in quality journals.

Overview of the program

Applications of remote sensing in agriculture including major important things such as biomass and yield estimation, vegetation vigor and drought stress monitoring, assessment of crop phenological development, crop acreage estimation and crop and mapping, mapping of disturbances and land use land cover changes in addition to precision agriculture and irrigation management. GIS based mapping application can help to identify location of crops growing across the country and to adapt different variables, monitor the health of individual crops, estimate yields from a given field, and maximize crop production. By using land-use and primary food crop statistics, along with data collected by different tools including mobile devices able to identify areas in need and underlying causes of food insecurity, GIS is an instrumental in the efforts to end global hunger and it is an integral part to automated field operations.

Chief Patron

Dr. L. Rathaiah
Chairman,
Vignan's group of Institutions
Prof. K. Ramamurthy Naidu
Chancellor

Chief Guest

B. Harendra Goud
Technical Engineer, TAFE Tractors, Telangana
B. Mohan Kumar
Territory Manager, EPC Industries Ltd.

Patron

Dr. C. Thangaraj
Vice-Chancellor
Prof. B. Ramamoorthy - Rector

Co-Patrons

Comd. Dr. M. S. Raghunathan - Registrar
Dr. V. Madhusudhan Rao Dean, Engg. & Management

Convenor

Dr. Vidhu Kampurath.P
HoD, Applied Engg.

Coordinator

Dr. Sirisha Adamala Assistant Professor, Applied Engg.

Registration Fee: Faculty- Rs. 3000/-
Industry Participants: Rs. 4500/-

Faculty Development Program on Remote Sensing & GIS Applications in Agricultural Engineering

09th - 17th June 2016



Organized by



Department of
Applied Engineering

Accredited by
NAAC with A Grade



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established under 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India.
Phone: 0863-2344700, Extn: 168 | Fax: 0863-2534468

Vignan's University

Registration Form

Faculty Development Program

on

Remote Sensing & GIS Applications in

Agricultural Engineering

09th - 17th June, 2016

Name(BLOCKLETTERS):.....

Gender : M/F

Designation :

Organization :

Mailing Address :

Telephone :(D)

.....(R)

Fax :

Mobile:

E-mail ID:

Qualifications:

Experience:Yrs.

Payment: D.D.No.

Dt. Rs.

Accommodation Required : Yes / No

Date:

Signature of Applicant

Objective:

Applications of remote sensing in agriculture including major important things such as biomass and yield estimation, vegetation vigor and drought stress monitoring, assessment of crop phenological development, crop acreage estimation and cropland mapping, mapping of disturbances and land use land cover changes in addition to precision agriculture and irrigation management. The main objective is to review the GIS applications.

Duration : 10 Days (6 hours each day)

Topics Covered in this FDP are:

1. Applications of remote sensing
2. GIS based mapping
3. Maximum crop production
4. Primary food crop statistics
5. Applications in agriculture

Introduction to the program

Agricultural sector is highly vulnerable to variations in climate, soil and topography of different regions. For sustainable agricultural management, all these factors need to be analysed on spatio-temporal basis. The advanced techniques like remote sensing, global positioning system and geographical information system can be of great use for their assessment and management. Remote sensing and GIS are very important tools having wide range of applications to tackle these issues. GIS based mapping application can help to identify location of crops growing across the country.

Resource Person

The resource person for the program is from TAFE tractors, Telangana.

Eligibility:

Following are eligible to attend the program

UG / PG students or Ph.D. scholars or Engineers from the departments Mechanical, Aerospace, Environmental, Agriculture, Civil, Electronic, and any engineering or science background willing to learn Remote Sensing & GIS Technology.

Venue for Classes

Classes will be held in Seminar Hall, Department of Applied Engineering, Vignan's University.

Mark your Calendar

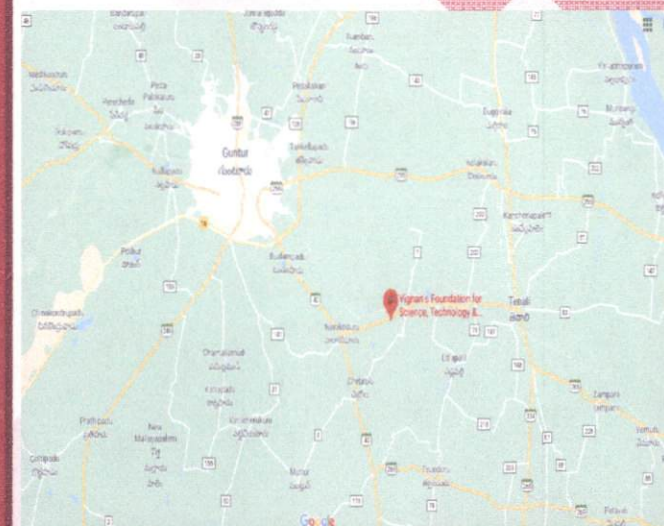
Registration Deadline : 29th May 2016.

Notification to the candidates : 3rd June 2016.

FDP date : 09th - 17th June, 2016.

How to reach

Guntur is well connected to all major cities in India by air, rail & road. The Airport of Vijayawada city has number of daily flights from & to New Delhi the capital city of India, Bangalore, and Hyderabad Silicon valley of India and Chennai. Tenali railway line is on the New Delhi - Chennai main railway line. Major trains going from Chennai to New Delhi via, Vijayawada, Nagpur and Jhansi pass through Bhopal. Guntur is also well connected to east region of India through trains



Dr. Vidhu Kampurath, P

Head of the Department

Department of Applied Engineering

Vignan's University

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Phones : +91 863 2344768 / 2344700 (168)

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18	Dr. Vidhu Kampurath P	Associate Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Mr. S. Krishna Chaitanya	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Mr. Maruthi Prasad Gunda	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
21	Mr. Sushant Sukhadev Bobade	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
22	Dr. Sanjeet Kumar	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
23	Mr. Vipin P R	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
24	Mr. Thiyagaraja M	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
25	Ms. Pravitha M	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
26	Mr. Kajal Kumar Roy Sinha	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
27	Mr. Ramesh Ch.	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
28	Ms. G Kusuma	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
29	Ms. Shilpi	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
30	Mr. Venkata Ramana R	Assistant Professor	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P



Dr. Sirisha Adamala
Co-ordinator



Dr. Vidhu K P
HOD, Applied Engg

Department of Applied Engineering
VFSTR University
VADLAMUDI



FACULTY DEVELOPMENT PROGRAMME



On

Remote Sensing and GIS Applications in Agricultural Engineering

This is to certify that *Mr. Ainul Islam* of "Vignan's Foundation for Science Technology and Research" has participated in Faculty Development Programme on "**Remote Sensing & GIS Applications in Agricultural Engineering**" during **9th June to 17th June 2016** organized by Department of Applied Engineering, Vignan's Foundation for Science Technology and Research, Vadlamudi, Guntur Dist., Andhra Pradesh.

Dr. A. Sirisha
Coordinator

Dr. Vidhu K P
HoD, Applied Engineering



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Report of Faculty Development Program on Remote Sensing & GIS applications in Agriculture Engineering

Name of the Program: FDP on Remote sensing & GIS applications in Agriculture Engineering

Resource person:

B. Harendra Goud and B. Mohan Kumar

Venue: Gallery hall 4th floor u block

Name of the coordinator: Dr. Sirisha Adamala

Dates of the Program: 09-06-2016 to 17-06-2016

Objective of Program: The objective of the program is to enhance the knowledge about latest technologies in Remote sensing and Geographical information systems. Hyperspectral remote sensing is a relatively new development in remote sensing technologies, effectively measuring both spatial and high spectral information from surface materials and constituents within a single system. To know about hyperspectral remote sensing missions, which will see increased acquisition of hyperspectral data of the Earth's surface on a more frequent and timely basis in the near future.

Briefing:

The Faculty Development program on Remote Sensing & GIS Applications on Agriculture Engineering is organized by the Applied Engineering department, VFSTRU Vadamudi under the guidance of Head of the Department, with the support of all the faculty in the department.

Agricultural production systems are highly vulnerable to variations in climate, soil and topography of different regions. For sustainable agricultural management, all these factors need to be analyzed on spatio-temporal basis. The advanced techniques like remote sensing, global positioning system and geographical information system can be of great use for their assessment and management.



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Remote sensing and GIS are very important tools having wide range of applications to tackle many issues. These technologies have manifold applications in agriculture including crop discrimination, crop growth monitoring / stress detection, crop inventory, soil moisture estimation, computation of crop evapo-transpiration, site-specific management / precision agriculture, crop acreage estimation and yield prediction.

The following topics are covered during the faculty development program.

1. Applications of RS&GIS
2. Geographical Information system details
3. Importance of RS & GIS in current industries
4. GIS based mapping
5. Maximum crop production

Timely and reliable information on crop acreage, growth condition and yield estimation can be highly beneficial to the producers, managers and policy planners for taking tactical decisions regarding food security, import/export and economic impact. Such information on regional basis can be made available with the use of remote sensing and GIS techniques. Remote sensing and GIS can also be used very effectively in land use / land cover analysis as well as damage assessment because of drought, floods and other extreme weather events. An attempt has been made in the present study to review, analyse and evaluate the latest information regarding the application of remote sensing techniques for crop monitoring, crop condition assessment and yield estimation for sustainability of agriculture and natural resources under changing climatic scenarios.

Key words: Climate change, Crop acreage estimation, Crop growth monitoring, Crop yield prediction, Geographical information system, Remote sensing.

Outcomes of the program:

- To provide data that helps identify and monitor crops.
- To help in making decisions about crops and agricultural strategies.
- Better understanding and management with GIS applications such as crop yield estimates, soil amendment analysis.



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The program ends with the certificate distribution to the participants and vote of thanks is delivered by Mr. Bachina Harish babu.



FDP on Remote Sensing and GIS Applications in Agricultural Engineering
9th June to 17th June 2016
Resource Person: B Harendra Goud

(Dr. Vidhu K P)

HOD, Applied Engineering

Department of Applied Engineering
VFSTR University
VADLAMUDI

Technical Training on Microbial Techniques

14th — 19th December 2015 at Microbiology Lab, ASF -2



Resource Person

Mr.T. C.Venkateswarulu

Coordinator

Mrs. M. Indira

Department of Biotechnology



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Department of Biotechnology

Technical training on microbial techniques

14th — 19th December 2015 at Microbiology Lab, ASF -2

SNo.	Employee Code	Name of the Staff	Designation	Signature
1	00651	Mr.T. Srinivasa Rao	Lab Technician	
2	00424	Mr.V. Ramesh Babu	Lab Technician	
3	00427	Mr.G. Nageswara Rao	Lab Technician	

Resource person

TC Venkateswarulu

Coordinator

M. Indira

Prof. S. Krupanidhi
(HoD, Biotechnology)
Prof. S. KRUPANIDHI, PhD
Head of The Department
Department of Biotechnology
VFSTR UNIVERSITY
Vallamudi - 522 213, Guntur Dt A P India

A training program on Technical training on microbial techniques and microscopy, ASF 15 in Department of Biotechnology by Yadala Keerthi Priya. The resource person for the program was M. Indira, Associate Professor of the Department and the technicians of the department has participated in the program which was conducted during 14th-19th December, 2015. The program started with lecture on the various sources about nanoparticles. The resource person explained about Microorganisms, how to isolate pure cultures experiment.

Day-1

The Microscope

A good microscope is an essential tool for any microbiology laboratory. There are many kinds of microscopes but the type most useful in diagnostic work is the compound microscope. By means of a series of lenses and a source of bright light, it magnifies and illuminates minute objects such as bacteria and other microorganisms that would otherwise be invisible to the eye. This type of microscope will be used throughout your laboratory course. As you gain experience using it, you will realize how precise it is and how valuable for studying microorganisms present in clinical specimens and in cultures. Even though you may not use a microscope in your profession, a first-hand knowledge of how to use it is important. Your laboratory experience with the microscope will give you a lasting impression of living forms that are too small to be seen unless they are highly magnified. As you learn about these "invisible" microorganisms, you should be better able to understand their role in transmission of infection.

Day-2

Media preparation

Nutrient Agar

Peptone : 5g

NaCl : 5g

Beef extracts : 3g

Agar : 20g

Distilled water : 1000ml

Day-3

Streak Plate Method

This method was developed by two bacteriologists, Leoffler and Gaffkey in the laboratory of Robert Koch. This method is routinely employed for the isolation of bacteria in pure culture. In this method a sterilized inoculating loop or transfer needle is dipped into a suitable diluted suspension of microorganisms which is then streaked on the surface of an already solidified agar plate to make a series of parallel, non-overlapping streaks. The process is known as streaking and the plate so prepared is called a streak plate. The main objective of the streak plate method is to produce well separated colonies of bacteria from concentrated suspensions of cells. A sterilized inoculating needle with a loop made up of either platinum or nichrome wire is used for streaking. One loopful of specimen is transferred onto the surface of the agar plate in a sterile petridish and streaked across the surface in the form of a zig-zag line. This process is repeated thrice to streak out the bacteria on the agar plate so that some individual bacteria are separated from each other. The first streak will contain more organisms than the second and the second more than the third and so on. The last streaks should thin so on. The last streaks should thin out the culture sufficiently to give isolate colonies. The successful isolation depends on spatial separation of single cells. Each colony usually represents the growth from a single organism when such a plate is incubated colonies will appear on the surface of the medium. Because of the high concentration of water in agar, some water of condensation forms in petriplate during incubation. Moisture is likely to drip from the cover to the surface of the agar and spread out, resulting in a confluent mass of growth and running individual colony formation. To avoid this, petriplates are routinely incubated bottom side up. Pure colonies can be obtained from well isolated colonies by transferring a small portion of each to separate culture media.

Spread Plate Method

The spread plate technique is used for the separation of a dilute, mixed population of the microorganisms so that individual colonies can be isolated. In this technique, a small volume of dilute microbial mixture is transferred to the center of an agar plate and spread evenly over the surface with a sterile L-shaped bent glass rod, while the petridish is spun, at some stage, single cells will be deposited with the bent glass rod on the agar surface. Incubate the agar plate at 37°C for 24 hours, in the inverted position. The dispersed cells will develop into isolated

colonies. Because the number of colonies will be equal to the number of viable organisms in the sample spread plates can be used to count the microbial population.

Pour Plate Method

In pour plate method, successive dilutions of the inoculum (serially diluting the original specimen) are added into sterile petriplate to which is poured melted and cooled (42°C - 45°C) agar medium and thoroughly mixed by rotating the plates which is then allowed to solidify. After incubation, the plates are examined for the presence of individual colonies. The pure colonies may be isolated and transferred into test tube culture media for making pure cultures. This technique is employed to estimate the viable bacterial count in a suspension.

A culture that contains only one kind of microorganisms is called a pure culture. A culture which contains more than one kind of microorganisms is called mixed culture. Most of the cultures obtained in nature are mixed cultures. Pure cultures are essential to study the cultural, morphological and physiological characters of an individual species. There are different methods for obtaining pure cultures from mixed cultures.

Day-4

Simple Staining

Aim

To compare the morphological shapes and arrangements of bacterial cells

Principle

In simple staining, bacterial smear is stained with a single reagent, which produces a distinctive contrast between the organism and its background. A simple stain that stains the bacteria is the direct stain. The purpose of simple staining technique is to determine cell shape, size arrangement of bacterial cells. Simple staining is performed by using basic stains which have different exposure time (Crystal Violet 20-60 s, Carbol fuschin 15-30 s and Methylene blue 1-2 minutes).

Procedure

- Clean glass slide was taken and was washed and dried.
- Bacterial smears were prepared from the bacterial cultures.
- The slide was kept on the staining tray and 5 drops of stain was added for a designed period.

- The extra stain was poured off and the smear was washed gently under slow running tap water.
- The slide was then blot dried using blotting paper.
- The slide was then examined under 10X, 45X and oil immersions objects respectively.

Observation

On the basis of microscopic observation, bacteria appeared blue, violet and red respectively depending on the stain taken.

Differential staining Differential staining requires the use of at least 3 chemical reagents that are applied sequentially to a heat fixed smear. Its function is to impart its colour to all cells. In order to establish a colour contrast, the second reagent used is the decolorizing agent. Based on the chemical composition of cellular components the decolorizing agent may or may not remove the primary stain from the entire cell or from any cell structure. The final reagent is the counter stain. Following discoloration, if the primary stain is not washed out, the counter stain cannot be absorbed and neither the cell nor its components will retain the colour of the primary stain. If the primary stain is removed, the decolorized cellular components will accept and assume the contrasting colour of the counter stain. In this way, cell type or their structure can be distinguished from each other. On the basis of the stain that is retained the most important differential stain used in bacteriology is the Gram stain.

Day-5

Gram Staining

Aim

To differentiate two principal groups of bacteria

Principle

The Gram stain, a differential stain was developed by Hans Christian Gram, a Danish physician, in 1884. Gram staining classifies bacteria into 2 major groups, Gram positive and Gram negative bacteria. The Gram stain reaction is based on the difference in the chemical and physical composition of bacterial cell wall. Gram positive cells have a thick peptidoglycan layer, whereas peptidoglycan layer in Gram negative cells is much thinner and surrounded by outer lipid containing layer. In Gram negative, the higher amount of lipid in the formation of large pores thus facilitating the leakage of crystal violet-iodine complex and

resulting in the decolonization of the bacterium which later takes this complex counter stain. In contrast, the Gram positive cell wall are thick and composed mainly of proteins and cross linked mucopeptide, when treated with alcohol it causes dehydration and closure of the cell wall pores thereby not allowing the loss of complex and cell retains primary stain. The bacteria which retain the primary stain appear dark blue or violet and not decolorized when stained with Gram's method are called Gram positive, where as those that lose the crystal violet used counter stain, saffranin appear red are called as Gram negative. The Gram stain uses different reagents in the order, crystal violet, iodine solution, alcohol and saffranin.

Procedure

- Thin smear was prepared of the given bacterial species on a clean glass slide.
- Let the smear dry.
- Heat fixed smear.
- Hold the smear using the slide rack.
- Covered each smear with crystal violet for 1 minute.
- Washed each slide with distilled water for few seconds using wash bottles.
- Covered each smear with Gram's iodine solution for 1 minute.
- Gently washed with distilled water.
- Decolorized with 95%.
- Washed the slide with distilled water and drained.
- Counter stain was applied saffranin for 30 seconds.
- Washed with distilled water and blot dried with absorbent paper.
- The stained slides were air dried and observed under the microscope.

Observation

- Examined the slides microscopically using oil immersion objective.
- Identified the Gram reaction of the given cultures and classified it and described the morphology and arrangement of cells.



Trainees are involved

M. Subling

V. Subling

Prof. S. Krupanidhi
 Prof. S. KRUPANIDHI, Ph.D.
 Head of The Department
 Department of Biotechnology
VFSTR UNIVERSITY
 Vadlamudi - 522 213, Guntur Dt. A.P. India

Training program for non-teaching staff
on

**BIOCHEMICAL ANALYSIS OF
MACROMOLECULES USING
SPECTROPHOTOMETER**

2nd – 5th May 2016

at

Biochemistry Lab, ASF 03

Resource Person: Mr. A. Ranganadha Reddy

Coordinator: Mrs. M. Indira



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(Estd u/s 3 of UGC Act of 1956)

Department of Biotechnology
Vignan Foundation for Science, Technology and
Research University,
Vadlamudi, Guntur District, Andhra Pradesh, India



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(Established under UGC Act of 1956)

Department of Biotechnology

Training on Biochemical analysis of macromolecules using Spectrophotometer

2nd – 5th May 2016

S.No.	Employee	Name	Designation	Signature
1	00424	Mr. V. Ramesh Babu	Sr. Lab Technician	
2	00427	Mr. G. Nageswara Rao	Sr. Lab Technician	
3	00651	Mr. T. Srinivasa Rao	Lab Assistant	

(Mr. A. Ranganadhareddy)
Resource person

7/5/2016.

(Mrs. M. Indira)
Coordinator

Prof. S. Krupanidhi
HOD, BT 7/5/2016.
Prof. S. KRUPANIDHI, PhD
Head of the Department
Department of Biotechnology
VFSIR UNIVERSITY
Vallanudi - 522 213, Guntur Dt A.P India

Department of Biotechnology

A report on Training on Biochemical analysis of macromolecules using Spectrophotometer

2nd – 5th May 2016

A training program on Biochemical analysis of macromolecules using Spectrophotometer has been conducted at Biochemistry Lab, ASF 03 in Department of Biotechnology by Mrs. M. Indira. The resource person for the program was Mr. A.Ranganadhareddy, Assistant Professor of the Department and the technicians of the department has participated in the program which was conducted during 2nd-5th May, 2016.

The program started with lecture on the various biological macromolecules. The resource person explained about carbohydrates, nucleic acids and proteins. He has explained about the various biological macromolecules. He also explained in detail about the estimation of carbohydrates, nucleic acids like DNA, RNA and Proteins by using spectrophotometer.

Day 1: Quantitative analysis of maltose by DNSA method by using spectrophotometer

Aim: To estimate the amount of maltose by using 3, 5- dinitrosalicylic acid.

Principle: On heating reducing sugars such as glucose fructose and maltose can reduce DNSA (3,5-dinitrosalicylic acid) into 3-amino, 5-nitrosalicylic acid by reducing the nitro group at the third position into an amino group. This product is deep orange red in color, and its intensity is directly proportional to the quantity of the reducing sugar present in the tube in accordance with Beer's law. As this product absorbs maximally at 540 nm, a standard curve is drawn using the absorbance values at 540 nm of a series of maltose solutions, which may be prepared from a standard stock solution. The concentration of the unknown reducing sugar samples may be calculated by matching its absorbance value with those of standard curve maltose.

Apparatus required: Test tube, Test tube stand, Pipettes, Burettes,

Chemical requirements: DNSA reagent, Standard stock solution.

Preparation of standard stock solution: Dissolve 100 mg of maltose in 100 ml of distilled water.

Preparation of 3,5-dinitrosalicylic acid: Dissolve 30 gms of sodium potassium tartarate in 50 ml of distilled water and add 20 ml of 2M NaOH. Mix well, add 1 gm of DNSA powder and adjust the final volume to 100 ml.

Preparation of 2M NaOH: Dissolve 8 gms of NaOH in 100 ml of distilled water.

Procedure:

1. Prepare standard solution of maltose (1mg/ml).
2. Take different volumes of maltose solution ranging from 0.1 to 1 ml.
3. Make up the volume to 3 ml with distilled water.
4. Add 1 ml of reagent (DNSA) to all tubes including blank. Prepare a blank with all the solutions other than maltose.
5. Keep it in a boiling water bath for 10 min.
6. Cool the tubes to room temperature and measure the absorbance at 540 nm by using the blank.
7. Prepare a standard curve by taking concentration of maltose on X-axis and O.D values on Y-axis.

Day 2: Estimation of DNA by diphenylamine method using spectrophotometer

Aim: Estimation of DNA in the given sample by Diphenylamine reagent.

Principle: When DNA is treated with diphenylamine under acidic conditions, a blue compound is formed with a sharp absorption maximum at 595 nm. This reaction is given by 2-deoxypentose in general and is not specific for DNA. In acid solution, the straight chain form of a deoxypentose is converted into the highly reactive β -hydroxylevulinaldehyde, which reacts with diphenylamine to give a blue colored complex. In DNA, only the deoxyribose of the purine nucleotides reacts, so that the value obtained represents half of the total deoxyribose present.

Materials:

1. DNA: Dissolve 10 mg of the DNA in 50 ml of buffered saline (200 μ g/ml)
2. Buffered saline (0.15 mol/lit NaCl; 0.015mol/lit sodium citrate, pH- 7) - 500ml
3. Diphenylamine reagent. (Dissolve 10 g of pure diphenylamine in 1 lit of glacial acetic acid and add 25 ml of concentrated sulphuric acid. This solution must be prepared fresh.)

Apparatus: Boiling water bath, Spectrophotometer, test tubes, weighing balance, pipette.

Procedure: -

1. Dissolve 10 mg of the DNA in 50 ml of buffered saline.
2. Take 0.4, 0.8, 1.2, 1.6 and 2 ml and make up the volume to 2 ml with distilled water.
3. Add 4 ml of the diphenylamine reagent to each and every test tube.
4. Heat on a boiling water bath for 10 minutes cool.
5. Read the absorbance values at 595 nm.
6. Read the test and standards against water blank.
7. Plot a standard graph by taking concentration values on X-axis and optical density values on Y axis.
8. Calculate the concentration of unknown sample from the graph and through calculation.

Day 3: Estimation of RNA by Orcinol reagent using spectrophotometer

Aim: Estimation of RNA present in the given sample by Orcinol reagent.

Principle: This is a general reaction for pentoses and depends on the formation of furfural when the pentose is heated with concentrated hydrochloric acid. Orcinol reacts with furfural in the presence of ferric chloride as a catalyst to give a green colour. Only the purine nucleotide gives any significant reaction.

Reagents:

1. RNA: Dissolve 10 mg of the RNA in 50ml of buffered saline (200 μ g/ml)
2. Buffered saline: (0.15 mol/lit NaCl; 0.015mol/lit sodium citrate, pH- 7) - 500ml
3. Orcinol reagent :(Dissolve 1 g of ferric chloride ($\text{FeCl}_3 \cdot 6\text{H}_2\text{O}$) in 1 liter of Concentrated HCl and add 35 ml of 6 per cent w/v Orcinol in alcohol)

Apparatus: Boiling water bath, Spectrophotometer, test tubes, weighing balance, pipette.

Procedure: Dissolve 10 mg of the RNA in 50ml of buffered saline.

2. Take 0.4, 0.8, 1.2, 1.6 and 2 ml of the standard solution into different test tubes and make up volume to 2ml in all the tubes.
3. Add 3ml of orcinol reagent to all test tubes.
4. Blank tube is prepared with 2ml of Distilled water and 3 ml of orcinol reagent.
5. Mix well and keep on a boiling water bath for 20 minutes.
6. Cool and measure the OD at 665nm using red filter.

7. Plot a standard graph by taking concentration values on X-axis and optical density values on Y axis
8. From the standard graph, estimate the amount of RNA present in the given test solution.

Day 4: Estimation of protein by Folin-Lowry method using spectrophotometer

Aim: To estimate proteins in the given sample by using Folin-lowry method.

Principle: Under alkaline conditions the divalent copper ion forms a complex with peptide bonds in which it is reduced to a monovalent ion. Monovalent copper ion and the radical groups of tyrosine, tryptophan, and cysteine react with Folin reagent to produce an unstable product that becomes reduced to molybdenum/tungsten blue. The solution can be detected calorimetrically by absorbance at 660nm. The higher the concentration of protein, the darker the solution.

Apparatus required: Test tube, Test tube stand, Pipettes, Burettes,

Chemical requirements: Standard stock solution (BSA).

Solution A: 2% Na_2CO_3 in 0.1 N NaOH.

0.1 N NaOH: Dissolve

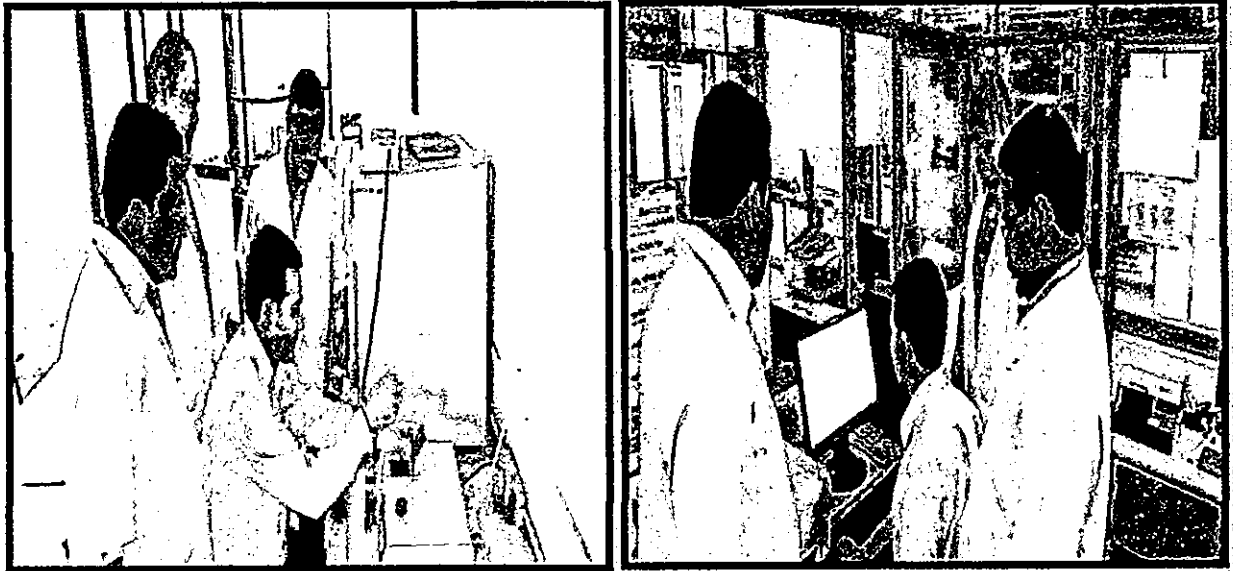
Solution B: 0.5% CuSO_4 in 1% Na-K-tart rate solution

Solution C: Solutions A and B mixed in the ratio 50:1 just before use.

Solution D: Folin's reagent diluted with distilled water in the ratio of 1:1 just before use.

Procedure:

1. Prepare a stock solution 500 μg / ml of BSA in distilled water by adding 50 mg BSA to 100 ml distilled water.
2. Set up a blank and various aliquots of the BSA (0.1 to 1 ml)
3. Make up the volume up to 1 ml with distilled water.
4. Add 5.5 ml of solution C to all tubes and incubate them for 10 min at room temperature.
5. Add 0.5 ml of solution D (Folin's reagent) into each tube, mix well and incubate in the dark for 30 min.
6. Measure the color intensity at 660 nm using the blank.
7. Plot a standard graph by taking concentration values on X-axis and optical density values on Y axis
8. From the standard graph, estimate the amount of protein present in the given test solution.



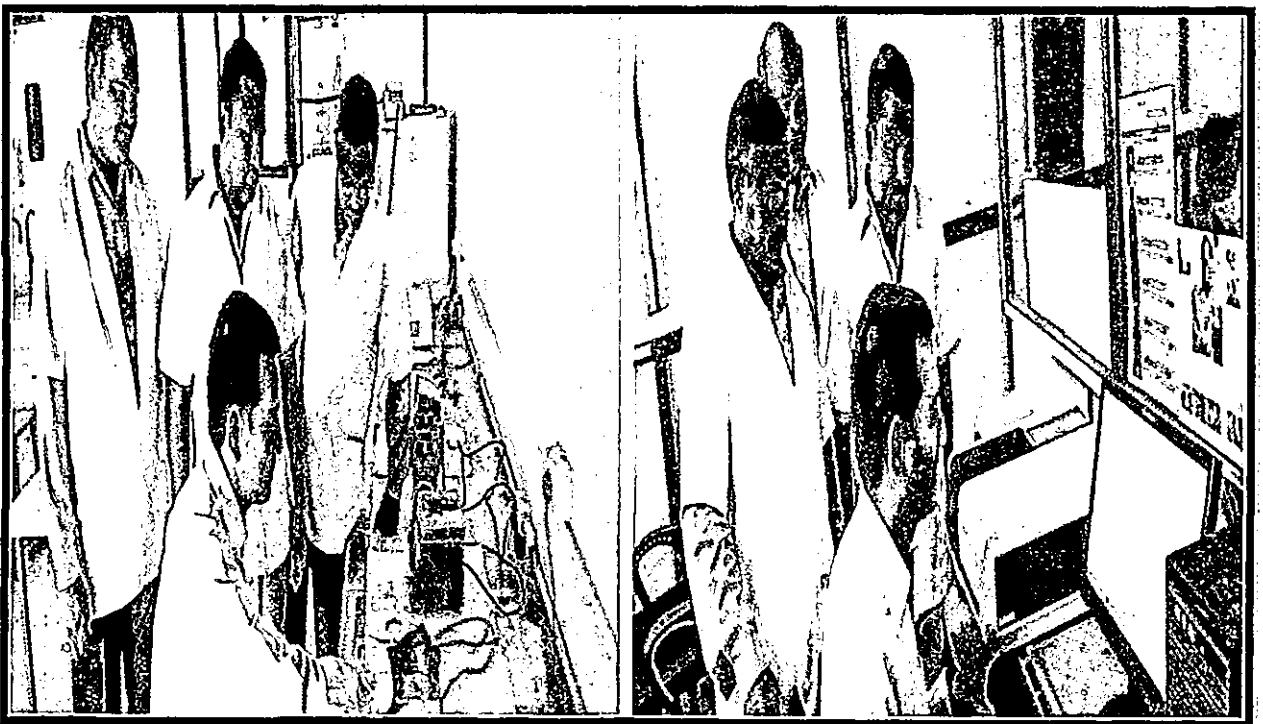
Day 1: Quantitative analysis of maltose by DNSA method by using spectrophotometer



Day 2: Estimation of DNA by Diphenylamine method using spectrophotometer



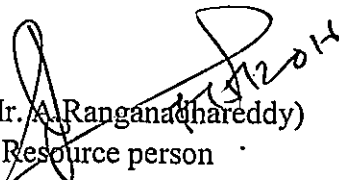
Day 3: Estimation of RNA by Orcinol reagent using spectrophotometer

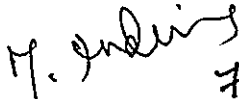



Day 4: Estimation of protein by Folin-Lowry method using spectrophotometer

Conclusion:

- ✓ From the present training program the technicians acquired the skill of Estimation of maltose by DNSA method using spectrophotometer, Estimation of DNA by Diphenyl amine method using spectrophotometer, Estimation of RNA by Orcinol method using spectrophotometer and Estimation of protein by Folin-Lowry method. They also learnt about how to operate Spectrophotometer at different wave lengths, measure absorbance values, plot standard graph and calculate the concentration of unknown samples.
- ✓ This experience helps them to support the B.Tech and M.Tech students efficiently during the regular laboratory work.
- ✓ HoD appreciated the efforts of the coordinator Mrs. M. Indira and the Mr. A. Ranganadhareddy for organizing this event.
- ✓ The training program ended by receiving participation certificates from Head of the Department and other senior faculty members.


(Mr. A. Ranganadhareddy)
Resource person


(Mrs. M. Indira)
Coordinator
7/5/2016.


Prof. S. Krupanidhi
HOD, BT 7/5/2016.
Prof. S. KRUPANIDHI, PhD
Head of The Department
Department of Biotechnology
VFSIR UNIVERSITY
Vadlamudi - 522 213, Guntur Dt A P India



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Registration Form

1. Name:
2. Gender: M / F
3. Course: Ph.D/M.Tech/ B.Tech /M.Sc./B.Sc.
4. Semester:
5. Organization:
6. Address for correspondence:

7. E-mail:

8. Contact No.:

Registration Fee:

Scholars / Students - Rs.500/-

Signature of the
Applicant

Note: Registration fee will entitle the candidates to the conference materials and working lunch only.

Chief Patrons

Dr.L.Rathalah, Chairman-Vignan's Group

Sri L.Sri Krishnadevarayulu, Member-BOM

Patrons

Dr.K.Ramamurthy Naidu, Chancellor

Dr.P.Purushotham, Vice-Chancellor

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Dean, Engineering & Management

Prof. S. Krupanidhi
Head, Dept. of Biotechnology

Convenor

Dr.Rahul R. Nair
Asst. Prof., Dept. of Biotechnology, VFSTRU

Co-Convenors

Dr.N.S.Sampath Kumar
Asst. Prof., Dept. of Biotechnology, VFSTRU

Dr.N.Jalaja
Asst. Prof., Dept. of Biotechnology, VFSTRU

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Dr. V. Ravi Kumar, Professor
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Dr. D. Vijaya Ramu, Assoc. Professor
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BIOTECH-INDUSTRY AWARENESS CAMPAIGN

18th and 19th October 2015



VIGNAN
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**Organized
by**

Department of Biotechnology

Vadlamudi, Guntur-522213
Andhra Pradesh, India
www.vignanuniversity.org
Land:0863-2344700 Ext: 186

About Vignan University

VIGNAN, founded in 1977 by Dr. Lavu Rathaiah, the great visionary, is among India's leading institutions in early childhood education to higher learning with close to 45,000 students. It is one of the state's largest educational institutions. VIGNAN has a track record of 30 years in providing high quality education. VIGNAN's University is a pioneer in providing bright and successful career to students. Through quality academic programs, innovative leadership development opportunities and a nurturing campus environment, the University strives to make the experience of each student a transformative one. Located in Vadlamudi, a suburb of Guntur City, the University provides the campus community, the benefit of living in a pollution free, clean air environment and is among the safest communities in India.

Department of Biotechnology

The academic programs conducted by the school are: B.Tech. Biotechnology; B.Tech Bioinformatics; M.Tech. Biotechnology and Bioprocess Engineering; M.Sc. (Tech) Biotechnology and Bioprocess Technology; Post Graduate Diploma in Stem cell Biology (industrial collaboration program) and Certificate course in Environmental and Ecological Sustainability Leadership (collaboration with University of Colorado) as an add-on program for the ongoing students. National sponsored research projects worth to a total outlay of Rs.1.00 crore from the Department of Science and Technology, GoI, were given to the School of Biotechnology. In addition DST identified the School of Biotechnology as the potential center for research and approved DST FIST program.

Industrial Experts

Dr. Senthil Kumar
Evolva Biotech Private Ltd.
Chennai, Tamil Nadu



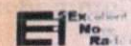
Dr. Narasimham
Advanta Ltd.
Secunderabad, Telangana



Dr. D. Induchoodan
Vaidyaratnam Oushadhasala
Kerala



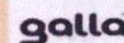
Prof. G. S. Vijayalakshmi
Exnora, NGO
Tirunelveli, Tamil Nadu



Dr. Srinivasa Channa Reddy
Wipro GE Health Care
Hyderabad



Mr. Rajini Prasanna
Galla Foods Pvt. Ltd
Tirupathi, AP



Dr. S. Selvaraj
Helini Biomolecules
Chennai, Tamil Nadu



Mr. Manoj Kumar
Advinus Therapeutics Pvt.Ltd.
Pune, Maharashtra



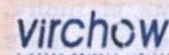
Mr. G. Subba Rao
Reliance life sciences
Mumbai



Dr. U. Satya Narayana
Water India Pvt. Limited
Secunderabad, Telangana



Mr. K. Murali Krishna
Virchow Biotech Pvt. Ltd.
Hyderabad, Telangana



Mr. G. Ratnam
Snow White Mushrooms Exports Pvt. Ltd., A.P

Significance

In India, we are having many number of Biotech industries and majority of them are at medium scale. As such, they are neither approaching educational institutions nor participating in placements drive primarily because the students pursuing B. Tech Biotechnology are not being trained to meet the requirements of the Biotech Industries. Therefore, we are attempting through this 'Biotech-Industry Awareness Campaign for B.Tech. Students' Conference to maintain an excellent rapport with Biotech firms. This conference provides a platform for students to interact with the industrial personnel to seek placements and plan for entrepreneurship.



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Promotes for Science, Technology & Research
Established in 1977
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VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Biotechnology

A two Day National Conference on

BIOTECH INDUSTRY AWARENESS CAMPAIGN

18-10-2015 to 19-10-2015

CERTIFICATION OF PARTICIPATION

This is to certify that Mr./Ms./Dr. of
.....participated / presented in A Two Day National Conference on
"Biotech Industry Awareness Campaign" organized by the Department of Biotechnology, VFSTR,
Vadlamudi, Guntur, Andhra Pradesh.

Dr. Rahul R. Nair
Convenor

Dr.N.S.Sampath Kumar
Co-Convenor

Dr.N.Jalaja
Co-Convenor

Dr. R. Venkata Nadh
HoD, BT



VIGNAN
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Building young India

Department of Biotechnology
BIOTECH-INDUSTRY AWARENESS CAMPAIGN
18 & 19 October, 2015

DAY 1: 18 October, 2015

INAUGURAL TALK BY HEAD OF THE DEPARTMENT PROF. DR. S. KRUPANIDHI

The biotechnology sector of India is highly innovative and is on a strong growth trajectory. The sector, with its immense growth potential, will continue to play a significant role as an innovative manufacturing hub. The sector is one of the most significant sectors in enhancing India's global profile as well as contributing to the growth of the economy.

India is among the top 12 biotech destinations in the world and ranks third in the Asia-Pacific region. India has the second-highest number of US Food and Drug Administration (USFDA)-approved plants, after the USA and is the largest producer of recombinant Hepatitis B vaccine. Out of the top 10 biotech companies in India (by revenue), seven have expertise in bio-pharmaceuticals and three specialise in agri-biotech.

India has no dearth of talent in biotechnology, as a number of institutions, both government and autonomous, provide the necessary opportunities for the students seeking to obtain a degree in this sector. The Government of India has provided adequate scope to this sector by providing facilities for Research and Development (R&D) in the field of biotechnology.

1. EXPERT TALK ON BIOTECH PRODUCT AND ITS MARKET SIZE

BY DR. SENTHIL KUMAR, EVOLVA BIOTECH PRIVATE LIMITED, CHENNAI

The Indian biotech industry holds about 2 per cent share of the global biotech industry. The biotechnology industry in India, comprising about 800 companies, is expected to be valued at US\$ 11.6 billion in 2017. The government has to invest US\$ 5 billion to develop human capital, infrastructure and research initiatives if it is to realise the dream of growing the sector into a US\$ 100 billion industry by 2025, as per Union Minister for Science and Technology, Mr Harsh Vardhan.

Biopharma is the largest sector contributing about 62 per cent of the total revenue followed by bio-services (18 per cent), bio-agri (15 per cent), bio-industry (4 per cent), and bio-informatics contributing (1 per cent).

The high demand for different biotech products has also opened up scope for the foreign companies to set up base in India.

India has emerged as a leading destination for clinical trials, contract research and manufacturing activities owing to the growth in the bio-services sector.

2. EXPERT TALK ON INVESTMENTS IN BIOTECH INDUSTRY IN INDIA

BY DR. NARASIMHAN, ADVANTA LTD., SECUNDERABAD

India's biotech sector has attracted significant amount of attention over the past two decades. Several global companies have aggressively joined hands with Indian companies due to India's strong generic biotechnology potential. Some of the recent investments and developments in this sector are as follows:

- The Telangana state government's flagship pharma and biotech event attracted investments to the tune of Rs 3,382 crore (US\$ 507.3 million).
- During the Vibrant Gujarat Global Summit, 54 MoUs worth Rs 5,022 crore (US\$ 736.1 million) in the biotechnology sector were signed by 37 companies.
- Syngene International Ltd, the contract research services arm of Biocon Ltd, is setting up a drug discovery and development center in Bengaluru for Amgen Inc., a biotechnology company based in the US.

3. EXPERT TALK ON GOVERNMENT INITIATIVES

BY DR. D. INDUCHOODAN, VAIDYARATNAM OUSHADHASALA, KERALA

A Network of Technology Centres and promotion of start-ups by Small Industries Development Bank of India (SIDBI) are among the steps taken by the Government of India to promote innovation and entrepreneurship in the agro industry proposed by the Ministry of Micro, Small & Medium Enterprises (MSME) in a new scheme. The Government of India has taken several initiatives to improve the biotechnology sector in the country as well as offer enough scope for research in this field. The Department of Biotechnology (DBT) along with other government funded institutions such as National Biotechnology Board (NBTB) and many other autonomous bodies representing the biotechnology sector, are working together in order to project India as a global hub for biotech research and business excellence. Some of the recent major initiatives are as follows:

- In the Union Budget, the Department of Biotechnology (DBT) received Rs 2,222.11 crore (US\$ 333.31 million), an increase of 22 per cent, to continue implementing the department's national biotech strategy and target increasing the turnover from the sector to \$100 billion by 2025 from \$7 billion in 2016.
- The Telangana government also inked an MoU with PE firm Cerestra to explore a 'Life Sciences Infrastructure Fund' with a corpus of Rs 1,000 crore (US\$ 150 million) to create a sophisticated modular plug and play infrastructure for pharma, biotech and medical devices industry.

4. EXPERT TALK ON THE BIOTECH ROAD AHEAD

BY DR. SRINIVASA CHANNA REDDY, WIPRO GE HEALTH CARE, HYDERABAD

With the country offering numerous comparative advantages in terms of R&D facilities, knowledge, skills, and cost effectiveness, the biotechnology industry in India has immense potential to emerge as a global key player.

India constitutes around 8 per cent of the total global generics market, by volume, indicating a huge untapped opportunity in the sector. Outsourcing to India is projected to spike up after the discovery and manufacture of formulations. Hybrid seeds, including GM seeds, represent new business opportunities in India based on yield improvement.

India currently has a marginal share in the global market for industrial enzymes. Hence, there is an opportunity in focused R&D and knowledge-based innovation in the field of industrial enzymes, which can innovatively replace polluting chemical processes into eco-friendly processes that also deliver environmental sustainability. Another interesting field of study is the area of bio-markers and companion diagnostics, which will enable to optimise the benefits of biotech drugs.

5. EXPERT TALK ON - OVERVIEW OF THE BIOTECHNOLOGY INDUSTRY

BY MR. RAJINI PRASANNA, GALLA FOODS PVT. LTD. TIRUPATHI

Drug development is a long and technically arduous process. In simple terms, it begins by locating a biomolecule that could become the means for blocking the progress of a specific disease. The initial efforts are in the identification of the appropriate biomolecule and certain compounds that can interact with the identified molecule and continue the blocking action. Then, the stages of animal and human testing begin. The new entity becomes a candidate drug once it enters the human clinical study stage. In three phases, the safety, dosage, and efficacy aspects are tested. The firm then would arrange for the drug approved and arrange to market it.

Biotechnology firms are intermediary links in the value chain for new drug development. Their goal is to transfer the technology know-how developed within their organizations to a larger entity (such as an established pharmaceutical company) with manufacturing and marketing muscle. Typically, three types of firms would be involved in the value chain: i) university or national laboratories, who would do the initial identification; ii) biotechnology firms, who may develop the prospective drug by establishing its dosage, safety, and efficacy; and, finally, iii) the pharmaceutical firms, who would obtain approval for the drug and market it. There could be variations in this basic scheme with some pharmaceutical companies involved in clinical testing, too, or for that matter some biotechnology firms involved in contract manufacturing. Biotechnology is a knowledge-intensive, high-tech industry, and the technologies involved are multidisciplinary in nature. As observed by Powell and colleagues (1996), "biotechnology is a competence destroying innovation based on immunology and molecular biology". It is essentially a disruptive technology.

The concept of absorptive capacity relevant in the biotechnology sector. First introduced this concept as "the ability of a firm to recognize the value of new, external information, assimilate it, and apply it to commercial ends". Further delineated the concept into potential and realized absorptive capacity. The former refers to "a firm's capability to identify and acquire externally generated knowledge that is critical to its operations" as well as "the firm's routines and processes that allow it to analyze, process, interpret and understand the information obtained from external sources". The latter refers to a different skill which is "a firm's capability to develop and refine the routines that facilitate combining existing knowledge and the newly acquired and assimilated knowledge" as well as the "organizational capability based on the routines that allow firms to refine, extend, and leverage existing competencies or to create new ones by incorporating acquired and transformed knowledge into its operations". Absorptive capacity develops incrementally in organizations and supports them in being more sensitive to new technology absorption opportunities in the environment. When the knowledge base is diverse, it is possible to potentially create more new combinations of knowledge.

Both variety and depth of knowledge are important for technology-led organizations to absorb new knowledge more efficiently. Besides, given that innovation involves a process of establishing new linkages in the existing knowledge base, both variety and depth of the knowledge base in an organization can also facilitate the occurrence of innovations. Weak development of absorptive capacity becomes a barrier to the firm in recognizing technological opportunities and this in turn affects its ability to innovate and remain up to date with the latest developments and proactive in its innovative strategy.

According to absorptive capacity can be said to be a dynamic capability for a firm. It stands to reason that, if absorptive capacity is to be developed as a dynamic capability, sharing of knowledge with other firms (through alliances) as well as within the firm becomes an important process. Knowledge sharing can help firms to survive in the marketplace (through zero-order dynamic capabilities: build resources and capabilities (first-order dynamic capabilities: and develop the capability to build capabilities (second-order dynamic capabilities: In contrast to absorptive capacity, knowledge sharing is the process of transferring know-how from one individual or firm to another. Knowledge sharing can be explicit or implicit. Although the former can be represented in a way that others can assimilate it the latter largely remains unavailable to others. It can only be used by the person in possession of such knowledge.

8. EXPERT TALK ON - FINDINGS ON KNOWLEDGE-SHARING DYNAMICS FACILITATORS OF KNOWLEDGE SHARING

BY MR. MANOJ KUMAR, ADVINUS THERAPEUTICS PVT. LTD., PUNE

The interviewees in this study felt that, in their experience, knowledge sharing is high in teams that involve one or more organizations as in the case of a drug development team consisting of members from a biotechnology firm and scientists involved in basic research

Biotechnology processes are technically complex, requiring sophisticated analytical skills as well as an intuitive judgement in decision making. This field presupposes deep skills in the people involved in a scientific project. These skills take many years to develop and hone. The know-how in this sector can be developed mainly through continuous interactions among the multiple specialized disciplines. Projects in this sector can be categorized as high risk with high probability of failure at any stage in the value chain.

In spite of these challenges, the biotechnology sector has made a significant contribution in terms of a deeper molecular understanding of pathology, which in turn has supported the development of effective drugs and vaccines targeted to those diseases.

DAY 2: 19 October, 2015

6. EXPERT TALK ON - TECHNOLOGICAL INNOVATION AND LEARNING IN THE BIOTECHNOLOGY SECTOR BY MR. G. SUBA RAO, RELIANCE LIFE SCIENCES, MUMBAI

Given the high-tech, knowledge-intense nature of the industry, biotechnology innovations is by default technology led. Technological innovation is defined as "an organization's ability to enhance its technological innovativeness and create new customer value propositions by offering new products and services, adopting new technologies, or creating new skills and competencies". Technological innovation can be manifested as new offerings, the adoption of new technologies, or creating new process know how. For a firm to sustainably develop technology innovations, the individuals within the firm have to develop technological capability. This can be built through the process of technological learning. The nature of technological innovation in biotechnology would include new drug identification and development capabilities as also clinical testing and regulatory compliance know how.

Technological learning is "the process by which a technology-driven firm creates, renews, and upgrades its latent and currently used capabilities based on its stock of explicit and tacit resources". The resource-based view of firms regards technological learning and the subsequent building of technical competence as a core competence that can be hard to copy. Technological learning can be both external and internal. External learning involves learning from alliances with other firms. It expands a firm's knowledge base and also reduces innovation time. Internal learning is a transfer of knowledge among individuals or firms. Both types of learning have a positive effect on the performance of organizations.

The biotechnology sector involves a lot of experimentation at the various stages in the value chain and provides many opportunities for developing deep skills with time. Repeated trials ensure learning and any interference with this process would hamper innovation by not allowing the integration and honing of technological learning.

7. EXPERT TALK ON - ABSORPTIVE CAPACITY AND KNOWLEDGE SHARING IN THE BIOTECHNOLOGY SECTOR, BY DR. S. SELVARAJ, HELINI BIOMOLECULES, CHENNAI

in a university or national laboratory. This finding is expected given that alliances always bring in new knowledge which in itself is a motivator for knowledge sharing in a knowledge-based industry. Other instances of intense knowledge sharing happen in firms when teams pursue accreditation goals or are involved in active business development work to procure contracts. In these cases, there is a shared sense of purpose to achieve recognition for the competencies in a firm. Field notes reveal that knowledge sharing in many firms is normally tied to solving technical issues as they arise on projects. Intensive sharing occurs until a solution is reached, and the respondents reported that this activity added substantial value.

9. EXPERT TALK ON – INHIBITORS OF KNOWLEDGE SHARING

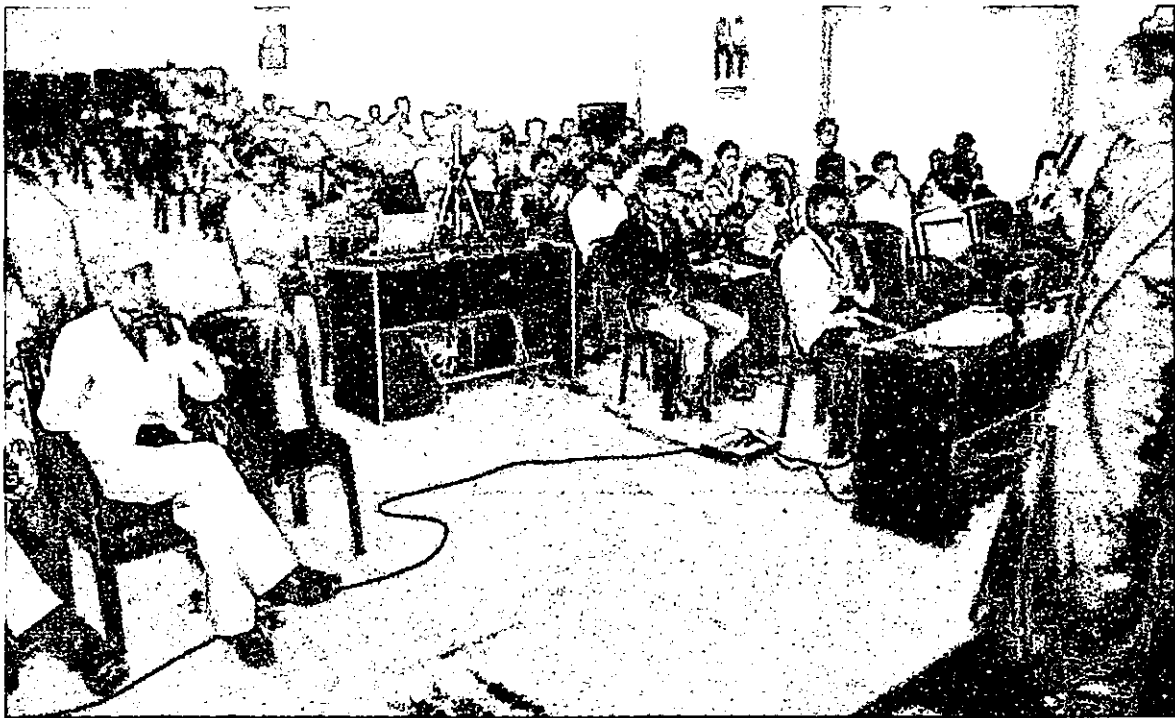
BY DR. U. SATYA NARAYANA, WATER INDIA PVT. LTD., HYDERABAD

Time pressure for project completion almost always reduces knowledge sharing. Situations where not completing projects on time could result in the confiscation of intellectual property rights (which is the case according to Indian regulations) further discourage sharing of knowledge that is not immediately useful to facilitate the project at hand. Knowledge sharing may be compromised when team members from within an organization come from different levels of the hierarchy. A major reason advocated was that tacit knowledge of people lower in the hierarchy may not be shared with people higher in the hierarchy because of perceived power distance between Indian employees. A certain caution would be exercised by juniors in the team in the presence of more experienced seniors, partly from a fear of their opinions not being accepted and partly out of a desire not to transgress boundaries of authority. The literature recognizes the existence of different influences on employee knowledge sharing activities, such as individual, organizational, and technology factors. Firms in India could look at how organizational enablers could be put in place to overcome such cultural inhibitions.

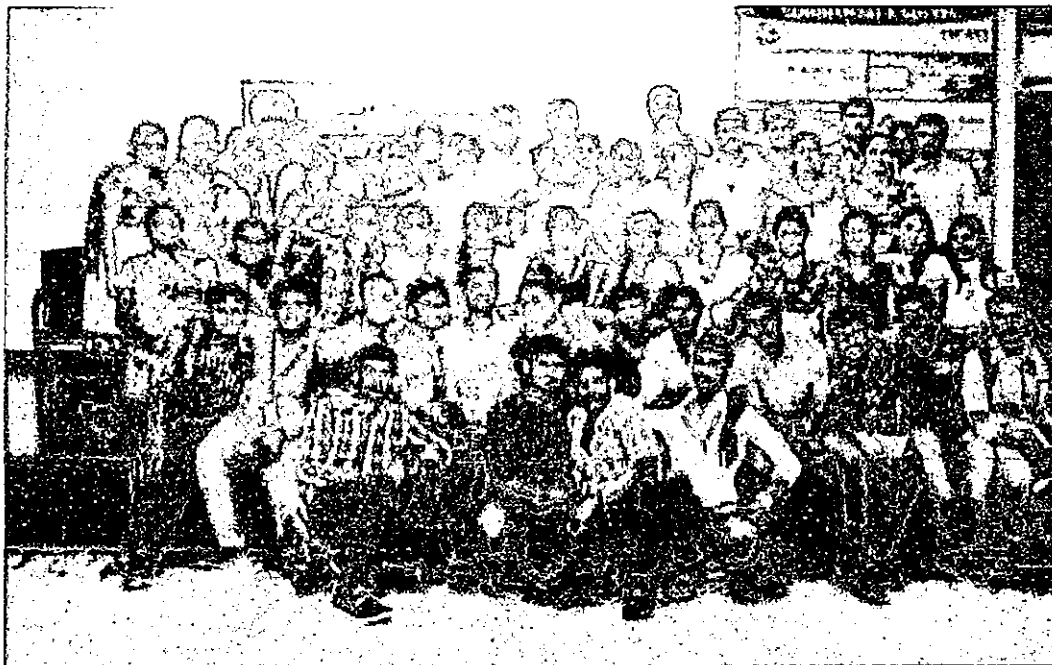
10. EXPERT TALK ON - MARKET ORIENTATION IN SMALL TO MEDIUM SIZED BIOTECH COMPANIES

BY MR. G. RATNAM, SNOW WHITE MUSHROOMS EXPORTS PVT. LTD., A.P.

Market orientation is the foundation for building a successful marketing management and plan. Market orientation means more than customer focus. It also include a strong competitor orientation and a strong team approach in building customer solutions. Market orientation is a highly critical part to succeed with the commercialization of the product. Even with a technically good product it is not certain that it will make it to the market or have success, if the company is not permeated by a market orientation, and if the marketing strategies and marketing activities are not professional and professionally performed. Many are aware "that marketing is needed" but may not have an understanding of what marketing and market orientation really is, where it starts, that is



PROF. VIJAYALAKSHMI INTERACTING WITH STUDENTS AND NGO'S



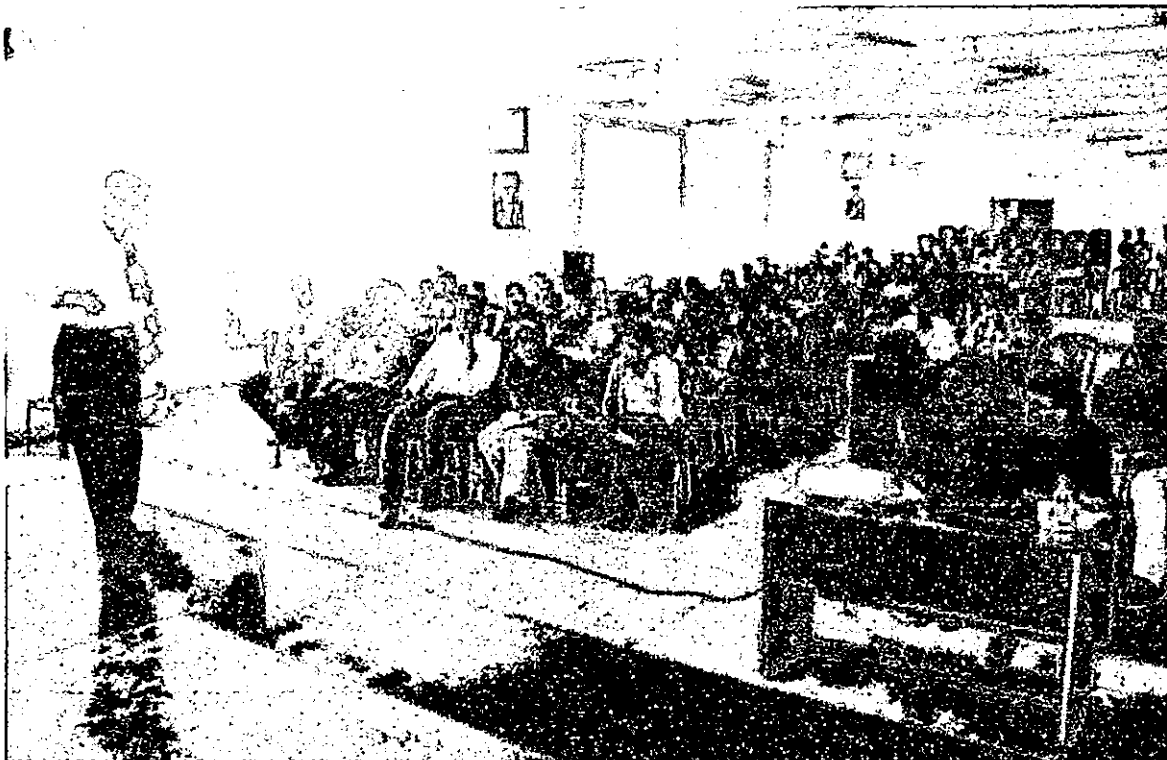
GROUP PHOTO OF PARTICIPANTS AND FACULTY MEMBERS



LIGHTENING OF LAMP BY DIGNITIES



HOD, BIOTECHNOLOGY IN DISCUSSION WITH STUDENTS (MASTER OF CEREMONY)

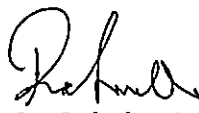



SPEECH BY DR. U. SATYA NARAYAN (RESOURCE PERSON)




INAUGURATION CEREMONY BY DR. P. PURUSHOTHAM, VFSTR

very important from the very beginning in the research idea phase and all across the product life cycle. Neither do many understand that market orientation is not isolated to any person working in "the marketing department" but must permeate the whole company, every employee starting at the top. marketing knowledge, employee satisfaction and market orientation among management. The higher the marketing knowledge, the stronger the market orientation. Market knowledge can be spread in a company by direct training activities to all employees. This will enforce the market orientation in all departments and increase the chances that the product is successful on the market. Management set the norms, trend and rules in the company and is thereby very important also regarding the company's market orientation. Employees are the company. They are the contact to the customers as well as the company's face towards all contacts. If they are not satisfied, they will not deal professionally with the customer and deliver customer satisfaction


Dr. Rahul Nair
Convenor


Dr. N. Valaja
Co-Convenor


Dr. N.S. Sampath Kumar
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VIGNAN
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Knowledge is the key to the future

Building young India

Department of Biotechnology

BIOTECH-INDUSTRY AWARENESS CAMPAIGN

18 & 19 October, 2015


List of Participants attended two days awareness campaign


No	PARTICIPANT NAME
1.	DUDDU TEJA SAI
2.	GARIGA RAJA
3.	GOGULA YAMINI
4.	GOPALYAM RAVI TEJA
5.	GUDAPATI GEETHIKA
6.	GUNDAVARAPU SRI RAMYA
7.	JINUGU JASMINE
8.	KAKUMANI MRUDULA
9.	KANDURI V V S S DIVAKAR
10.	KESANA VAISHNAVI
11.	KOCHE ADITI
12.	KONA SUNITA MAITHREYE
13.	KONDA PRUDHVI KRISHNA REDDY
14.	KORIPALLI SAI SRUTHI
15.	KOTA JEMIMA
16.	KOTA JYOTHI SPANDANA
17.	KUMMARAGUNTA CHINABABU
18.	DUDDU TEJA SAI
19.	GARIGA RAJA
20.	GOGULA YAMINI
21.	ANGIREKULA VENKATESH
22.	ARJA DHARANI
23.	ARJA VASUNDHARA
24.	BELLAGUBBALA UMA DEVI
25.	BOGGULA CHANDRA OBULA REDDY
26.	BOGGULA VISWANATHA REDDY
27.	CHAMAN LAL PATEL
28.	DEEPIKA SUNKARA
29.	DONKADA SRIDHAR
30.	ANGIREKULA VENKATESH
31.	M PRATHYUSHA
32.	MADALA HIMABINDHU
33.	MADHIRA PERSI PRATHIBHA
34.	MADHURANTHAKAM LAKSHMI


35.	MALLADI ANJALI
36.	MARUPUDI MAHITHA
37.	MATURU SRUTHA
38.	MOHAMMED NAFEEZA
39.	MULPURI HEMANJALI
40.	RUTTALA PRIYANKA
41.	SAI SRUTHI LAYA
42.	SHAIK MAJIDA
43.	KALLURI VENKATA DINESH
44.	GAJULA RAMYAKRISHNA
45.	GADDE SAI BINDHU
46.	NALLAMOTHU JASWANTHI
47.	BETHAMCHERLA KIRANMAI
48.	MURARI MERCY
49.	NADIMPALLI LAKSHMI MOUNIKA
50.	YAKKANTI DEEPTHI
51.	SAKE PRASUNA
52.	TASNEEM AZMI
53.	TEJASWI CHINNAM
54.	THIRUMALASETTI SATISH KUMAR
55.	UNDELA SRAVANI
56.	VEERAPANENI JAHNAVI CHOWDARY
57.	VEMPATI SAI SOWMYA
58.	VUNNAM ASHILI BANNY
59.	YADALA RAMAKRISHNA
60.	PITCHUKULA JOSEPH PRAKASH KUMAR
61.	TELUGU MEGHANA
62.	DHARAVATH SATHEESH KUMAR NAYAK
63.	DASARI SUNEETHA PRIYADARSHINI
64.	KOTU USHA KIRANMAI
65.	AMEENA BANU
66.	SHAIK KARISMA
67.	SISTLA ABHAY
68.	BODAPATI HARIKA
69.	YEPURI NOYA
70.	PULIPAKA NAGA VENKATA ANOOHYA
71.	DASARI POORNIMA
72.	K E RAVI TEJA
73.	S V AKHIL DALIPARTY
74.	SRI MEGHANA RAAVI
75.	NAGA SAI TEJASWI UPPULURI
76.	DAYA MOUNI
77.	KAVYA PAMULAPATI
78.	SRAVYA GUNDI
79.	SRI HARITHA PAVULURU
80.	SAI INDRA REDDY ALAVALA
81.	DHATRI PRIYA PALADUGU
82.	SHABNAM SULTANA
83.	VISHNU PRIYA BAYYAPUREDDY
84.	ASHOK CHAKRAVARTHI CHINTA
85.	AMALA MALLAVARAPU
86.	ANUSHA KANNA
87.	SAI SARANYA VUNNAM

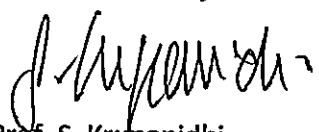
88.	SAI LAKSHMI PRASANNA TAVVA
89.	SANDEEP PASANGULA
90.	MEHARAJ SYED
91.	UMAMAHESWARI MADATHALA
92.	DURGA MOUNIKA KANNEGANTI
93.	DAMODHAR ACHARYA PERIYAALA
94.	NAGA SATYA PRAVALLIKA
95.	SAI SINDU CHERUKURI
96.	SAI NAINIKA POLAMREDDY
97.	PUJITHA REPALLE
98.	SAI SREEJA MUNGARA
99.	MOHANA SRI BHARATHI
100.	PRIYANKA GURRAM
101.	SALMA DUDEKULA
102.	MANASA JIDUGU
103.	KEERTHI PATIL
104.	HARIKA MSLS
105.	UDAY K
106.	VEERAMMA PALADUGU
107.	NUSRATH SYED
108.	NAZIYA KALEM
109.	ARUN KUMAR KASARLA
110.	THARUN SAI GURU
111.	MADHURI KOLLI
112.	PRASANTHI GOKANABOYINA
113.	VAMSI KRISHNA NELLURI
114.	SIRI DAMINENI
115.	TEJA NATHI
116.	SAI MANVITA BATHULA
117.	SRI MEGHANA RAAVI
118.	NAGA SAI TEJASWI UPPULURI
119.	DAYA MOUNI
120.	KAVYA PAMULAPATI
121.	SRAVYA GUNDI
122.	SRI HARITHA PAVULURU
123.	SAI INDRA REDDY ALAVALA
124.	DHATRI PRIYA PALADUGU
125.	SHABNAM SULTANA
126.	VISHNU PRIYA BAYYAPUREDDY
127.	ASHOK CHAKRAVARTHI CHINTA
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143.	PRIYANKA GURRAM
144.	MR. D. JOHN BABU
145.	MR. A.V. NARAYANA
146.	MR. RANGANADHA REDDY
147.	MR. T.C. VENKATESWARLU
148.	DR. VENKATA NADH
149.	DR. V. RAVI KUMAR
150.	MS. M. INDIRA


Dr. Rahul Nair
Convenor


Dr. N. Jalaja
Co-Convenor


Dr. N.S. Sampath Kumar
Co-Convenor


Prof. S. Krupanidhi
Head of the Department
Head of The Department
Department of Biotechnology
VFSIR UNIVERSITY
Vallabhadra - 522 213, Andhra Pradesh

Topics

HPLC & GC Fundamentals by **Mr. P. Vinay**,
Area Manager, Agilent Technologies,
Hyderabad

LCMS and GCMS Fundamentals by

Mr. Saikad Benerjee, Product Specialist,
Mass Spectroscopy and Chromatography,
Agilent Technologies, Hyderabad

Molecular Spectroscopy - UV visible,
Flourescence Spectro, FTIR, Microscopy
Basics and Fundamentals - **Dr. Zainul Abid**,
Product Specialist, Spectroscopy, Agilent
Technologies, Hyderabad

Advanced molecular tools for pathogen
detection An Overview -

Dr. M. Shivakiran, DRDO, Coimbatore

INVITATION INAUGURATION of Workshop

ANALYTICAL INSTRUMENTATION

21st - 22nd August, 2015



Organized by

Department of Biotechnology



**VIGNANA
UNIVERSITY**

FOUNDED ON 1984 BY SRI. VIGNANA
JAYARAM

Vadlamudi-522 213, Guntur Dist., Andhra Pradesh, India
Phone: (0863) 2344700, Fax: (0863) 2534468
website: <http://www.vignanuniversity.org>

Members of the faculty
request your presence
on the occasion of

Inaugural function

of

Workshop

on

ANALYTICAL INSTRUMENTATION

21st August, 2015

at

10.00 a.m.

Venue:

**Sanskriti Seminar Hall
A-Block**

Jyothy Prajwalana

Benedictions

Dr. L. Rathaiiah

Chairman, Vignan Group of Institutions

Dr. K. Ramamurthy Naidu

Chancellor, Vignan's University

Guest of Honour Mr. P. Vinay,

Area Manager, Agilent Technologies, Hyderabad

Dr. C. Thangaraj

Vice-Chancellor, Vignan's University

Sri Commodore M.S. Raghunadhan

Registrar, Vignan's University

Dr. V. Madhusudhana Rao,

Dean, Engineering & Management, Vignan's University

Dr. A. Srinivasulu

Dean, R & D, Vignan's University

Dr. tech. Chavali Murthy

Dean, FC, Vignan's University

Prof. S. Krupandhi

Head, Department of Biotechnology, Vignan's University



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Biotechnology

A Two Day National Workshop on **ANALYTICAL INSTRUMENTATION**

21-08-2015 to 22-08-2015

Certification of Participation

This is to certify that Mr./Ms./Dr. of
..... participated / presented in A Two Day National Workshop on
"Analytical Instrumentation" organized by the Department of Biotechnology, VFSTR, Vadlamudi,
Guntur, Andhra Pradesh.

Dr. S. Krupanidhi
Convenor

Dr. M. Shivakiran
Organizing Secretary



Workshop on Analytical Instrumentation

21st -22nd August, 2015

VIGNAN'S UNIVERSITY, VADLAMUDI, GUNTUR DT. A.P. INDIA

The workshop on Analytical Instrumentation was started on 21st August 2015 with the inauguration at 10 am at Samkrithi seminar hall, A Block, Vignan's foundation for Science technology and Research. Honourable Chairman, Vignan group, Dr. L. Rathaiah garu, Dr. K. Ramamurthy Naidu, Chancellor, Dr. C. Thangaraj, Vice chancellor, Sri Commodore M.S. Raghunadhan, Registrar, Dr. V. Madhusudhana Rao, DEM, Vignan's Univeristy attended the inauguration function.

Day 1 : 21st August, 2015

Session 1: HPLC & GC Fundamentals by Mr. P. Vinay, Agilent Technologies, Hyderabad

PRINCIPLE OF HPLC: The separation principle of HPLC is based on the distribution of the analyte (sample) between a mobile phase (eluent) and a stationary phase (packing material of the column). Depending on the chemical structure of the analyte, the molecules are retarded while passing the stationary phase. The specific intermolecular interactions between the molecules of a sample and the packing material define their time "on-column". Hence, different constituents of a sample are eluted at different times. Thereby, the separation of the sample ingredients is achieved. A detection unit (e.g. UV detector) recognizes the analytes after leaving the column. The signals are converted and recorded by a data management system (computer software) and then shown in a chromatogram. After passing the detector unit, the mobile phase can be subjected to additional detector units, a fraction collection unit or to the waste. In general, a HPLC system contains the following modules: a solvent reservoir, a pump, an injection valve, a column, a detector unit and a data processing unit. The solvent (eluent) is delivered by the pump at high pressure and constant speed through the system. To keep the drift and noise of the detector signal as low as possible, a constant and pulseless flow from the pump is crucial. The analyte (sample) is provided to the eluent by the injection valve.

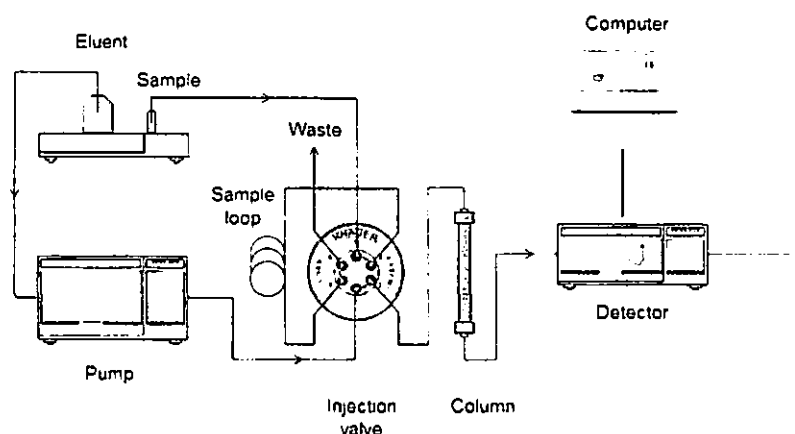
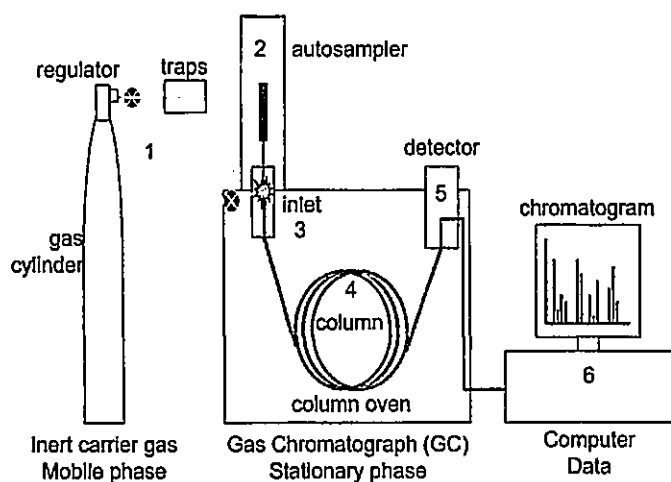


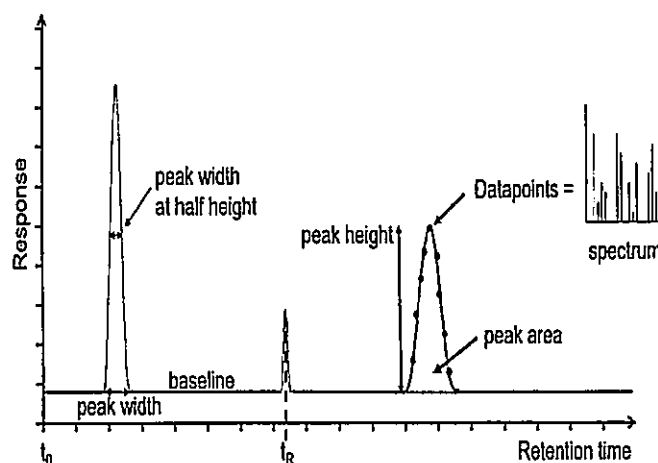
Fig. 1

Gas Chromatography

Gas chromatography (GC) is an analytical technique used to separate the chemical components of a sample mixture and then detect them to determine their presence or absence and/or how much is present. These chemical components are usually organic molecules or gases. For GC to be successful in their analysis, these components need to be volatile, usually with a molecular weight below 1250 Da, and thermally stable so they don't degrade in the GC system. GC is a widely used technique across most industries: for quality control in the manufacture of many products from cars to chemicals to pharmaceuticals; for research purposes from the analysis of meteorites to natural products; and for safety from environmental to food to forensics. Gas chromatographs are frequently hyphenated to mass spectrometers (GC-MS) to enable the identification of the chemical components.



A simplified diagram of a gas chromatograph showing: (1) carrier gas, (2) autosampler, (3) inlet, (4) analytical column, (5) detector and (6) PC

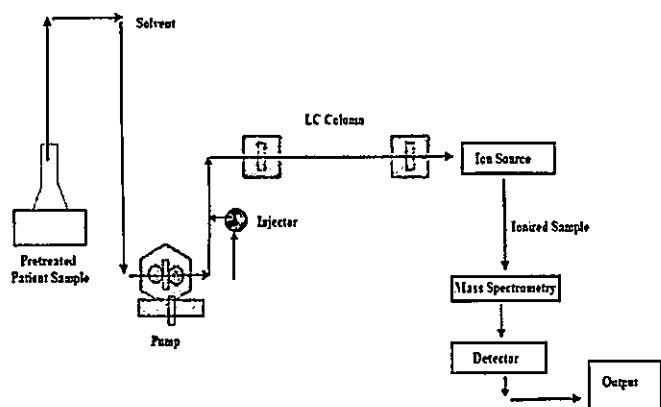


Chromatogram output from a GC or GC-MS

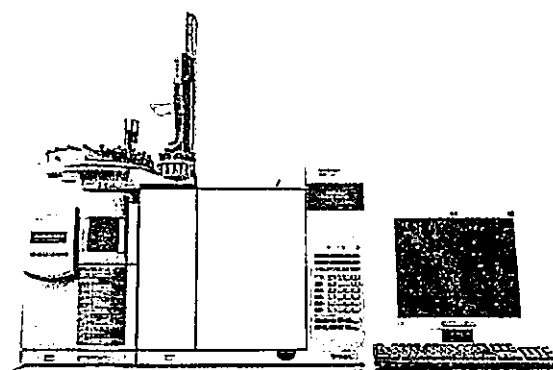
Session 2: LCMS and GCMS

The LC-MS technology involves use of an HPLC, wherein the individual components in a mixture are first separated followed by ionization and separation of the ions on the basis of their mass/charge ratio. The

separated ions are then directed to a photo or electron multiplier tube detector, which identifies and quantifies each ion. The ion source is an important component in any MS analysis, as this basically aids in efficient generation of ions for analysis. To ionize intact molecules, the ion source could be APCI (Atmospheric Pressure Chemical Ionization), ESI (Electrospray Ionization), etc. to name a few popular ones. The choice of ion source also depends on the chemical nature of the analyte of interest i.e. polar or non-polar. The major advantages of this technology include sensitivity, specificity and precision as analysis is done at molecular level. Also, structural details of the analyte can be deciphered.



LC-MS working



GC-MS

Gas Chromatography/Mass Spectrometry (GC/MS)

The instrument separates chemical mixtures (the GC component) and identifies the components at a molecular level (the MS component). It is one of the most accurate tools for analyzing environmental samples. The GC works on the principle that a mixture will separate into individual substances when heated. The sample is injected into the GC inlet where it is vaporized and swept into a chromatographic column by the carrier gas (helium). The sample flows through the column and the compounds comprising the mixture of interest are separated by virtue of their relative interaction with the coating of the column (stationary phase) and the carrier gas (mobile phase). The latter part of the column passes through a heated transfer line and ends at the entrance to ion source where compounds eluting from the column are converted to ions. A beam of electrons ionize the sample molecules resulting in the formation of molecular ion and smaller ions with characteristic relative abundances that provide a 'fingerprint' for that molecular structure. The mass analyzer separates the ions and is then detected.

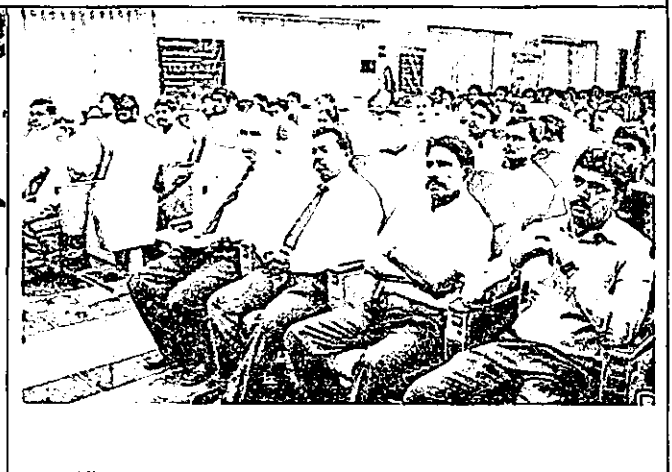
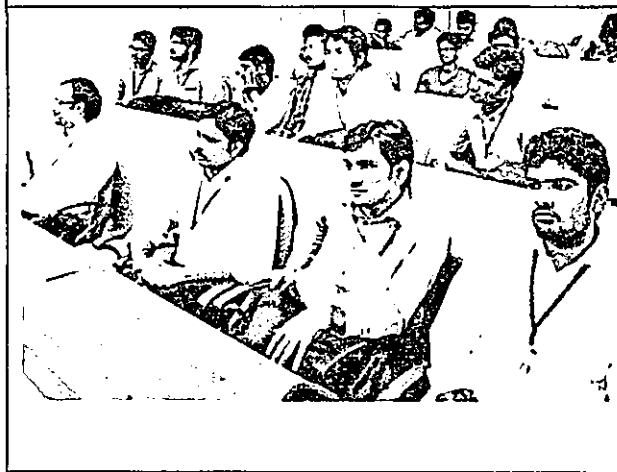
Day 2: 22nd August, 2015

Session 1 : Microscopy and FTIR

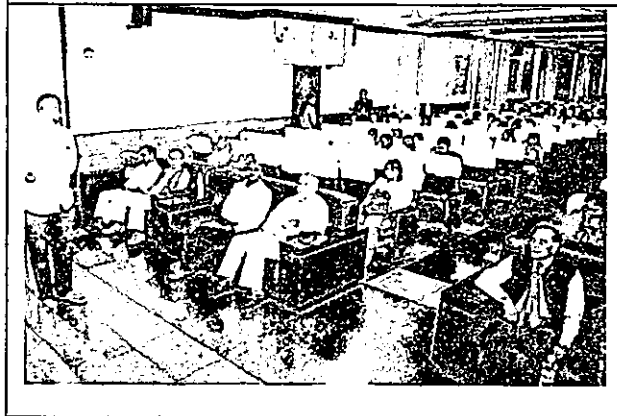
FTIR analysis measures the range of wavelengths in the infrared region that are absorbed by a material. This is accomplished through the application of infrared radiation (IR) to samples of a material. The sample's absorbance of the infrared light's energy at various wavelengths is measured to determine the material's molecular composition and structure. Unknown



Resource Persons from various companies



Faculty and the students participated in the program



Resource Persons from various companies

materials are identified by searching the spectrum against a database of reference spectra. Materials can be quantified using the FTIR materials characterization technique as long as a standard curve of known concentrations of the component of interest can be created.

FTIR Analysis can be used to identify unknown materials, additives within polymers, surface contamination on a material, and more. The results of the tests can pinpoint a sample's molecular composition and structure. A simple device called an interferometer is used to identify samples by producing an optical signal with all the IR frequencies encoded into it. The signal can be measured quickly. Then, the signal is decoded by applying a mathematical technique known as Fourier transformation. This computer-generated process then produces a mapping of the spectral information. The resulting graph is the spectrum which is then searched against reference libraries for identification.

Session 2:

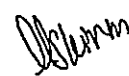
A general biological microscope mainly consists of an objective lens, ocular lens, lens tube, stage, and reflector. An object placed on the stage is magnified through the objective lens. When the target is focused, a magnified image can be observed through the ocular lens.


Telescopes also have a similar structure; however, they are used for observing distant objects. A telescope receives light from a star or other distant object with the objective lens and adjusts the refracted light to the focal point through the ocular lens. On the other hand, a microscope is designed to emit light onto or through objects and magnify the transmitted or reflected light with the objective and ocular lenses.

Conclusion: The program ended with thanks to the resource persons and HoD of Biotechnology appreciated Dr. M.S. Shivakumar for taking initiative for conducting the program. Participants learnt the principle and working of the analytical instruments which will be very much helpful for their research.


(Dr. S. Krupanidhi)

Convener


(Dr. M. S. Shivakiran)
Secretary


(Dr. S. Krupanidhi)

(Head of the Department)
Prof. S. KRUPANIDHI, PhD
Head of The Department
Department of Biotechnology
VFSIR UNIVERSITY
Vadlamudi - 522 213, Guntur Dt A P India

Workshop on Analytical Instrumentation

21st -22nd August, 2015

VIGNAN'S UNIVERSITY, VADLAMUDI, GUNTUR DT. A.P. INDIA

List of Participants attended two days workshop

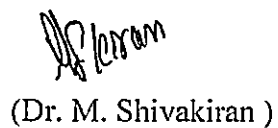
S. No	Name Of The Participant	Designation	Place
1	Dr. S. Krupanidhi	Faculty	VFSTR
2	Dr. R. Bharath Kumar	Faculty	VFSTR
3	Dr. N. Jalaja	Faculty	VFSTR
4	Dr. S. Asha	Faculty	VFSTR
5	M. Indira	Faculty	VFSTR
6	Dr. K. V. Radha Kishan	Faculty	VFSTR
7	D. John Babu	Faculty	VFSTR
8	A. Ranganadha Reddy	Faculty	VFSTR
9	Dr. V. Ravi Kumar	Faculty	VFSTR
10	T.C. Venkateswarlu	Faculty	VFSTR
11	Dr. M. S. Shiva Kiran	Faculty	VFSTR
12	A. Venkata Narayana	Faculty	VFSTR
13	B. Jyothsana	Faculty	VFSTR
14	Dr. Rahul R. Nair	Faculty	VFSTR
15	Mr. P. Chandra Sai	Faculty	VFSTR
16	Dr. N.S. Sampath Kumar	Faculty	VFSTR
17	Dr. D. Vijaya Ramu	Faculty	VFSTR
18	Dr. T.S. Gopenath	Faculty	VFSTR
19	D. Chandra Sekhar	Faculty	VFSTR
20	J. Harshita	Faculty	VFSTR

21	Dr. K. Prakash Narayana Reddy	Faculty	VFSTR
22	Cherukuwada V. Ravi Teja	Faculty	VFSTR
23	Dr. Muralidhar Kambadur	Faculty	VFSTR
24	Dr. Abhinav Parashar	Faculty	VFSTR
25	B. Jyothsana	Faculty	VFSTR
26	G. Eeswaraiah	Faculty	VFSTR
27	P. Chandra Sai	Faculty	VFSTR
28	Dr. Charles David	Faculty	VFSTR
29	Ayyala Satya Sai Devi	Student	VFSTR
30	Bathula Sangeetha	Student	VFSTR
31	Bellapukonda Lakshmi Madhuri	Student	VFSTR
32	Betha Soundarya Lahari	Student	VFSTR
33	Bolla Vamsi Krishna	Student	VFSTR
34	Bonagiri Babitha	Student	VFSTR
35	Boorla Shanmukh	Student	VFSTR
36	Boya Jhansilakshmi	Student	VFSTR
37	Cherukuri Indira	Student	VFSTR
38	Chintha Naga Sai Kruthi	Student	VFSTR
39	Dammu Vinay Ranjan	Student	VFSTR
40	Devarapu Prathyusha	Student	VFSTR
41	Dora Jyotshna	Student	VFSTR
42	Gorantla Anusha	Student	VFSTR
43	Jahnavi Kandepu	Student	VFSTR
44	Jampani Lakshmitirumala	Student	VFSTR
45	Joga Sushma Devi	Student	VFSTR
46	Kadimellaswamirajugari Pranathi	Student	VFSTR
47	Kandikatla Samuel Joseph	Student	VFSTR
48	Kappira Jaswitha	Student	VFSTR

49	R.S. Saranya	Student	Andhra Loyola Collage
50	S. Lasya	Student	Andhra Loyola Collage


(Dr. S. Krupanidhi)

Convener


(Dr. M. Shivakiran)

Secretary


(Dr. S. Krupanidhi)

(Head of the Department)

Prof. S. KRUPANIDHI, Ph.D
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Vadlamudi - 522 213, Guntur Dt A.P India

National Level Workshop
on
“Laboratory Animal Science”
17th & 18th March, 2016

REGISTRATION FORM

Name and address: -----

Email: -----

Registration fee details: -----

Transaction details: -----

Date: ----- Signature: -----

Conveners

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**VIGNAN'S FOUNDATION FOR
SCIENCE,
TECHNOLOGY & RESEARCH
UNIVERSITY**

Guntur, Andhra Pradesh – 522213

National Level Workshop

On

“Laboratory Animal Science”

17th & 18th March, 2016

in collaboration with an expert from

University of Hyderabad

organized by

**Department of Biotechnology
Vignan's Foundation for Science, Technology &
Research**

ABOUT VFSTR

Vignan's Foundation for Science, Technology and Research is a vibrant technical institution with several engineering and science departments enabling interdisciplinary interactions between students and faculty for undertaking/tackling societal problems. At VFSTR, skill oriented teaching, learning and training forms the core philosophy and it is a mandate for student to undertake interdepartmental and societal needs based projects in different semesters. Apart from this, VFSTR strives to inculcate employability skills in students by offering Campus Recruitment Training (CRT) with professionals, start-up ideas through E-cell of the institute. The University with its quality consciousness has adopted some of the best practices in the region in tune with the changing national and global trends in teaching and research.

ABOUT THE DEPARTMENT OF BIOTECHNOLOGY

Department of Biotechnology is one among eleven departments started in the year 2006 in erstwhile Vignan's Engineering College affiliated to JNTU(K). Faculties are specialized in the areas of Bioprocess Engineering, Genetic Engineering, Plant Tissue Culture, Animal Tissue Culture, Immunodiagnostics, Bioinformatics, etc. The department is decorated with state of art equipment and facilities such as fermenter, HPLC, Thermal cyclers, plant growth chamber, polyhouse, fluorescence inverted microscope, CO₂ incubator, fluorescence spectrophotometer, microplate reader etc. Department frequently organizes various national & international level conferences, workshops, seminars and biotech industry awareness program. These positive exposures and interactions have helped the students pursuing their bachelor and master degrees in department to attain nearly 90% placements in the last academic year.

SCOPE OF LABORATORY ANIMAL SCIENCE

Research with animals has saved human lives, lessened human suffering, and advanced scientific understanding, yet that same research can cause pain and distress for the animals involved and usually results in their death. It is hardly surprising that animal experimentation raises complex questions and generates strong emotions. The science and technology dealing with the procurement, breeding, care, health, and selection of animals used in biomedical research and testing is referred as laboratory animal science. Numerous guidelines issued by national and international organizations have tried to promote the care and use of laboratory animals and improve good animal practices. The goal of the present workshop is to emphasize the importance of animals in biotechnology and biomedical research and sensitize students and staff on the care and maintenance of laboratory animals as per the CPCSEA guidelines.

Hands on Experience on:

- ☐ Basics of animal house design
- ☐ Basics of mice handling
- ☐ Immunization procedures
- ☐ Euthanasia procedures
- ☐ Dissection and organ isolation

Registration fee

Delegates : Rs. 2000/-

Scholars : Rs. 1500/-

Students : Rs. 1000/-

Note: - The participants are requested to inform about their participation to the organizing secretary or convener on or before 10-03-2016. Spot registration is available.

- No T.A & D.A will be provided.
- Participants have to take care of their own accommodation.
- **Working lunch will be provided.**
- **Certificates will be issued to all the participants.**

Prof. K. Muralidhar

Jawaharlal Nehru Chair Professor
University of Hyderabad
Hyderabad, Telangana, India

Address for communication

Organizing secretary

Dr. M.S. Shivakiran

Department of Biotechnology
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VIGNAN'S
Foundation for Science, Technology & Research
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Department of Biotechnology

Workshop on

LABORATORY ANIMAL SCIENCE

17-03-2016 to 18-03-2016

CERTIFICATION OF PARTICIPATION

This is to certify that Mr./Ms./Dr. of
..... participated / presented in A Two Day National Workshop on
"LABORATORY ANIMAL SCIENCE" organized by the Department of Biotechnology, VFSTR,
Vadlamudi, Guntur, Andhra Pradesh.

Dr. K.Prakash Narayana Reddy
Convenor

Dr. D. Vijaya Ramu
HOD, BT



VIGNAN'S
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Department of Biotechnology
Workshop on Laboratory Animal Science
17th & 18th March, 2016

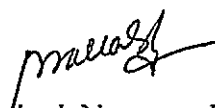
List of Participants attending the two-day workshop

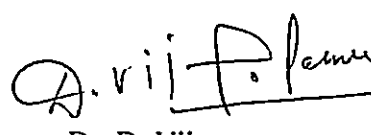
S. No.	Name of the participant	Designation
1	Dr. S. Krupanidhi	Professor
2	Dr.V. Ravi Kumar	Professor
3	Dr. R. Bharath Kumar	Assoc. Prof
4	Dr. S. Asha	Assoc. Prof
5	Dr. D. Vijaya Ramu	Assoc. Prof
6	Dr. T.S. Gopenath	Assoc. Prof
7	Mrs. M. Indira	Asst. Professor
8	Mr. D. John Babu	Asst. Professor
9	Mr. A. Ranganadha Reddy	Asst. Professor
10	Mr. T.C. Venkateswarlu	Asst. Professor
11	Mr. A. Venkata Narayana	Asst. Professor
12	R. K. Kishore	Asst. Professor
13	Mrs. J. Harshita	Asst. Professor
14	Dr. Md. Nazneen Bobby	Asst. Professor
15	Dr. Shivakiran M.S	Asst. Professor
16	Dr. N.S. Sampath Kumar	Asst. Professor
17	Dr. N. Jalaja	Asst. Professor
18	D. Jaswanth Chowdary	Asst. Professor
19	E. Rajeswara Reddy	Asst. Professor
20	Abraham Peele Karlapudi	Asst. Professor
21	Dr. K. Prakash Narayana Reddy	Asst. Professor
22	Cherukuwada V. Ravi Teja	Asst. Professor
23	Mannava Aparna	Asst. Professor
24	Pilli Vijaya Vardhini	Asst. Professor
25	B. Jyothsana	Asst. Professor
26	G. Eeswaraiah	Asst. Professor
27	P. Chandra Sai	Asst. Professor
28	S. Sai Keerthana	Asst. Professor
29	AARI CHARISHMA	Asst. Professor, Andhra Loyola College
30	ADDALA SAI LAKSHMI MAHITHA	Asst. Professor, Andhra Loyola College
31	ALLA SWETHASREE	Asst. Professor , Andhra Loyola College
32	ARUMALLA HARIKA	Asst. Professor , Andhra Loyola

		College
33	BAKKEDDULA VEERANJANEYULU REDDY	Andhra Loyola College
34	C.VSLA HIMA VARSHA	Andhra Loyola College
35	CHEEDELLA KEERTHANA SOWBHAGYA	Student
36	CHINNAM SRAVANTHI	Student
37	D KIRAN	Student
38	GUNTUR YASWANTH RAM	Student
39	HANUMANTHA VAJJALA LALITHA KIRANMAYEE	Student
40	JAHNAVI NARRA	Student
41	JANGALA JAHNAVI	Student
42	K BALA PRATYUSHA	Student
43	KANUMURI VAMSI LOHIT VARMA	Student
44	KAPADAM GIRIDHAR KUMAR	Student
45	KAVYA SRI MANNAM	Student
46	KOGANTI JASWANTH KUMAR	Student
47	KOLA RONALD VINCENT ROY	Student
48	KOTIKALAPUDI PAVAN KALYAN	Student
49	KUNCHAPU VIMALA	Student
50	LAKSHMI CHAITANYA KUMAR	Student
51	MELLAGU REVATHI	Student
52	MUDIYAM VENKAT	Student
53	MUNAGALA LAKSHMI NAGA SWETHA	Student
54	MUVVALA MOUNIKA SATYA NAGA PRAVALLIKA	Student
55	NALLURI MEGHANA	Student
56	PADAMATI TEJASWINI	Student
57	PADIDAPU NARAYANA SWAMI	Student
58	PAKALAPATI JNANASREE	Student
59	PALLAPROLU HIMABINDU	Student
60	PENDYALA SRAVYA	Student
61	PIDUGU SAMUEL	Student
62	PUPPALA SHAAMA RAJITHA	Student
63	PUTTA VYSHNAVI	Student
64	PUVVADA LAKSHMI DURGA	Student
65	R TEJA NAGA SAI	Student
66	RAVI NAVEENA	Student
67	RAVURU SRAVANI	Student
68	RAYAPU SUSHMA PRASANNA	Student
69	SADU PAVANI NIHARIKA	Student
70	TAMMINEEDI SRI JAHNAVI	Student
71	TELUGU TANUJA	Student

72	VADAPALLI YAMINI	Student
73	VECHA POORNA HASITHA	Student
74	VELAMATI SAI SUSHMA	Student
75	VEMULAKONDA SRI LEKHA	Student
76	YERASI AVINASH REDDY	Student
77	AMEES SAQLAIN	Student
78	AMRUTHA VARSHINI GUNDA	Student
79	BIJAPURI VASANTHI	Student
80	CHIRRA JAGADESHWAR REDDY	Student
81	IRUGULA VISHNU VARDHAN REDDY	Student
82	KOLLIPARA BABY SRI VIMALA	Student
83	MALLADI NAGESWARA RAO	Student
84	MOKKAPATI NAGA SOWMYA	Student
85	NAGA THANMAYI M	Student
86	PALLANTLA SATYA KAVYA	Student
87	SHAIK RAHMATH BASHA	Student
88	SURAPANENI AKHILA	Student
89	BALISSETTY MAHIMA BHARATHI	Student
90	BELLAM VENKATA MANIKANTA	Student
91	GUDE VENKATA LAKSHMI MANJU BHARGAVI	Student
92	ISANI SRAVYA	Student
93	KASIREDDY DHANALAKSHMI	Student
94	MADDINENI JIGNASA	Student
95	PUNATI SRIVANI	Student
96	SHAIK HANEEFA	Student
97	VASAVI RAMA TULASI DOREDLA	Student
98	KOLIKAPUDI JOSHI RATHNA TONY	Student
99	DALIPARTHI NAGA SAI AKHILA	Student
100	GUBBA SAI HARSHITHA	Student
101	REDDI DEVENDRA PRASANTH	Student
102	VELAGAPUDI BHAVYA SAHITHI	Student
103	MANNAM GAYATHRI	Student
104	GOLLAPALLI MADHAVI	Student
105	PATIBANDA SAI LAKSHMI MONICA	Student
106	MAGATALA SAI TEJOMAI	Student
107	BUSSA RAJESH	Student
108	KAKUMANU GAYATHRI	Student
109	JANGA SOWMYA	Student
110	KOMARI PAVANI	Student
111	BODIPUDI SRAVANI	Student
112	SINGANA TEJESH REDDY	Student
113	VEJENDLA SANJULA SIONA	Student
114	NANDAM.SANDHYA	Student
115	GOPIREDDY MANASWINI	Student

116	ALLAGADDA SHIRISHA	Student
117	KANDI JHANSI RANI	Student
118	INAMPUDI MANOJ	Student
119	KAVATI TEJASVI	Student
120	DEGA SRAVANI	Student
121	SURINENI VENKATA SAI DEEPTHI	Student
122	MATHE AMAZE	Student
123	PAVAN KALYAN KOMMURI	Student
124	JALLI LAKSHMI CHANDRA LEKHA	Student
125	SAYANA SWARNA SREE	Student
126	DASARI ALEKHYA	Student
127	GOPA VARAPU NIHARIKA	Student
128	JOSE NIKHIL TEJA DASARI	Student
129	PUTTA SRINATH RAJU	Student
130	SREE SATYA ANUSHA SATTI	Student
131	REBBA JULIET LYDIA	Student
132	NORI NAGA SAI RAVI CHANDRA	Student
133	MUKKALA SAI BHARGAV REDDY	Student
134	AAMANCHA MANJARI SREE SYAMALA	Student
135	GAJAWELLY RAMYA	Student
136	KONA AISHWARYA	Student


Dr. K. Prakash Narayana Reddy
(Convener)


Dr. D. Vijayaramu
(Convener)



BASICS OF HANDLING LABORATORY MICE

- Proper Personal Protection Equipment (PPE) is a requirement for working with animals. In animal facilities, minimum requirements include disposable coveralls, shoe covers, head bonnet, mask, and gloves.
- The use of a face mask reduces your risk of allergy to animals. We strongly recommend that you wear masks whenever you work with animals.

PRECAUTIONS

- Do not punish the mouse for its natural response of biting.
- Calmly return the animal to its cage.
- Wash the wound with antibacterial soap and water.
- Bandage the wound and consult a physician.

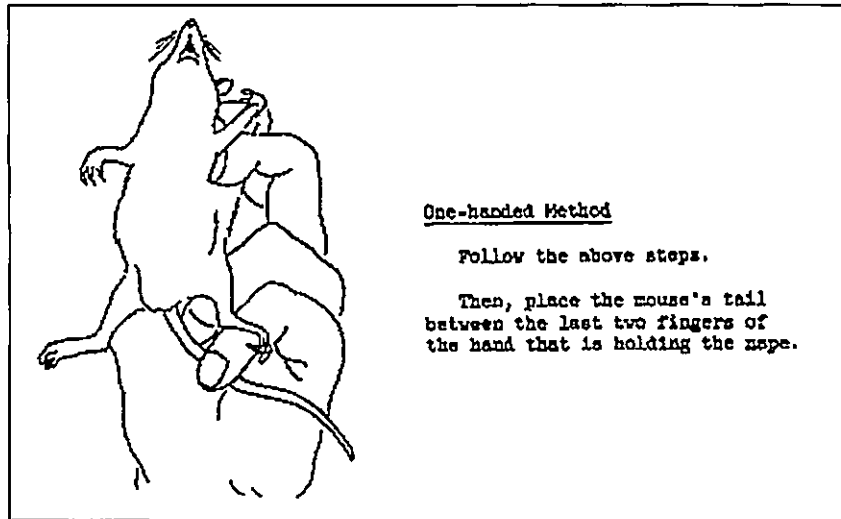
MOUSE PSYCHOLOGY

1. Mice are usually mild in temperament and easy to handle. They are not usually aggressive, but can bite if frightened. There are some strains that are aggressive and can inflict painful bites. Mice groom themselves almost constantly to maintain a smooth, glossy hair coat.
2. Mice are nocturnal animals. Activities such as eating, drinking or mating are typically done at night.
3. Male mice can be more aggressive and fight more often than females. Aggressive mice should be housed individually to avoid severe injury to cage mates. Generally male littermates may be housed together, but once separated, it is advisable to only house males with females.
4. Mice are creatures of habit. Everyday events do not tend to stress or excite the mice. However, handling and restraint can be stressful and result in the mouse being difficult to work with. Conditioning the mice to such handling (so they do not associate handling and restraint aversively) can make the animals much easier to work with.

HANDLING AND RESTRAINT

1. When picking up adult mice, grasp them gently but firmly at the base or center of their tail. Do not pick them up by the tip of the tail.
2. Place the animal on a surface such as the wire cage top or lid. It is best that the surface not be slick or smooth as mice will behave much more calmly if they have firm footing.

3. While still holding the tail near the base, with your other hand firmly grasp the loose skin on the back starting near the ears using your thumb and first two fingers.
4. The tail can then be held by the last two fingers as shown. Your grip should be firm enough to keep the mouse from struggling, but gentle enough for it to breathe comfortably.



5. For quick handling such as cage to cage transfers, it is acceptable to use forceps. Gently grasp the loose skin on the back and quickly transfer them to the new cage.
6. This technique is useful for fractious or aggressive animals. Be sure to clean gloves or forceps with a disinfectant such as ethyl alcohol between cages.

IMMUNIZATION BASICS FOR ANTIGEN ADMINISTRATION IN MICE

INTRODUCTION

The route of administration is largely dependent on the property of the test substance and the objective of the experiment. Proper restraint is the most important technique when mice were treated as this decreases stress and increases successful treatment.

INJECTIONS

1. Use a fresh, sterile needle for each injection
2. To avoid excessive leaking, keep the needle in the needle tract for a few seconds
3. Always inject with the bevel of the needle facing up
4. Do not reuse needles between animals

SITE OF ADMINISTRATION

Among several possibilities for the administration of substances to mice, the most common routes are subcutaneous, intraperitoneal or intravenous injection. The intramuscular administration is not recommended, as the muscle of the mouse is too small.

PREPARATION OF THE SITE

The area for administration is clipped (shaved) or cleaned with warm water if necessary before cleaning the skin with alcohol or disinfectant moistened cotton.

PREPARATION, SOLUBILITY AND SAFETY OF SOLUTIONS

- Test substances, solutions and equipment should be prepared aseptically and free from pyrogens, especially for parenteral injections. Solutions can be sterilised by filtration (0.22 μm).
- Living organisms or cells must be free from contaminants when administered. The toxicity of the substance, the volume and the way of administration should be considered to prevent tissue damage and to give precise dosage.
- The following solvents or vehicles have been found suitable in most instances and do not greatly affect drug action because of their own inherent properties: water, water with 0.85% sodium chloride, water with up to 50% polyethylene glycol, water with not over

10% Tween 80, water with up to 0.25% methylcellulose or carboxymethylcellulose (CMC), corn oil; vegetable oil; peanut oil (oral and intramuscular route only).

- A low percentage of the lower alcohols, glycols, and acetone can also be used, provided the volume administered is kept small.
- Phosphate buffered saline (PBS) or various culture media are also suitable vehicles. Lipid soluble substances can only be dissolved in oil but this delays absorption.

VOLUME AND FREQUENCY OF ADMINISTRATION

- The injection volume is limited by any toxicity of the substance and by the size of the mouse. It should be kept as small as possible.
- Excess volumes of solution can startle the animal. The frequency of administration should be limited to a minimum, to avoid unnecessary stress.

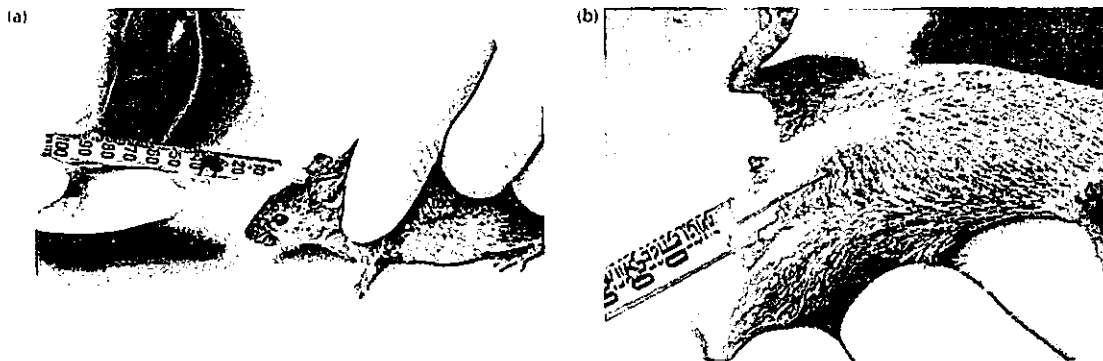
MINIMUM VOLUMES (IN ML) TO BE ADMINISTERED IN MICE (25 G)

Oral	Subcutaneous	Intraperitoneal	Intravenous	Intradermal	Intramuscular	Nasal
0.2	2	2-3	0.2	0.05	0.05	0.02

COMMON ROUTES OF IMMUNIZATION IN MICE

SUBCUTANEOUS ROUTE

Subcutaneous administrations are easy. As they are rarely painful a conscious mouse can usually be used. The rate of absorption is lower than from intraperitoneal or intramuscular injections. Subcutaneous administrations are made into the loose skin over the interscapular (Figure a) or inguinal area (Figure b).



Subcutaneous administrations over the **interscapular** area are made as follows:

- The mouse is manually restrained and then placed on a clean towel or solid surface.
- The needle is inserted under the skin of the interscapular area tented by the thumb and forefinger and the substance then injected. A volume >3 ml is recommended.

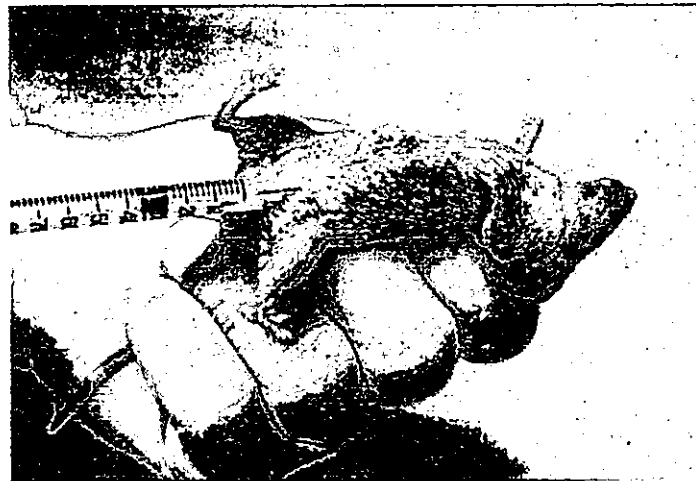
Subcutaneous administration over the **inguinal** area is made as follows:

- The mouse is restrained manually and the head tilted downwards. Holding the hind leg firmly helps this procedure.
- The needle is inserted into the lower left or right quadrant of abdomen avoiding the abdominal midline and the substance injected. A volume of >0.2 ml/site is recommended.

INTRAPERITONEAL ADMINISTRATION (I.P.)

- This is the most common route being technically simple and easy. It allows quite long periods of absorption from the repository site.
- The rate of absorption by this route is usually one-half to one-fourth as rapid as from the intravenous one.
- The conscious mouse is manually restrained and is held in a supine position with its posterior end slightly elevated or the head can be tilted lower than the body.

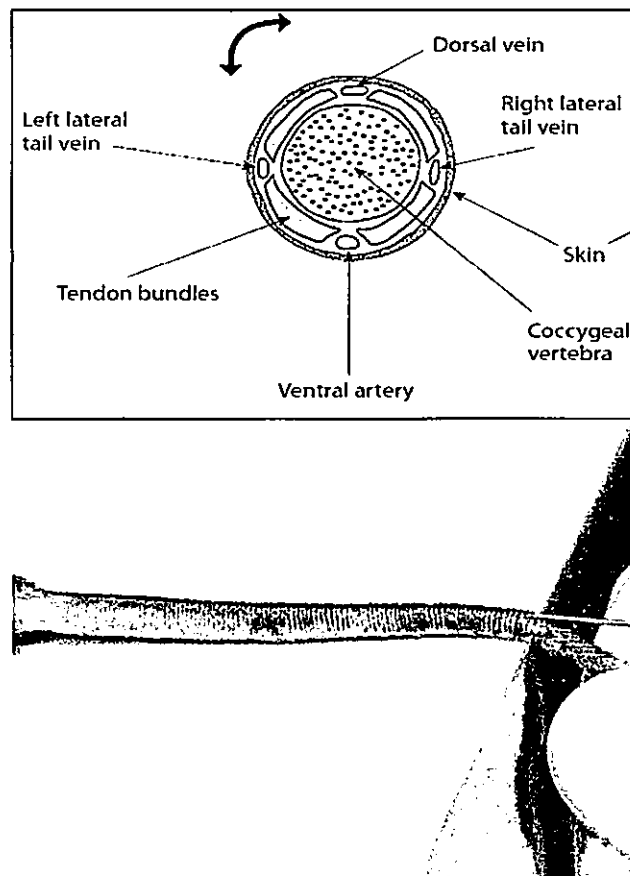
- The needle and syringe should be kept almost parallel to its vertebral column in order to avoid accidental penetration of the viscera (Eldridge et al., 1982).
- The needle is pushed in at an approximately 10° angle between the needle and the abdominal surface in the lower quadrant of the abdomen.
- To avoid leakage from the puncture point, the needle is run through subcutaneous tissue in a cranial direction for 2–3 mm and then inserted through the abdominal wall.



INTRAVENOUS ROUTE (I.V.)

- Intravenous injection has advantages over other routes. Solutions at a high concentration, high or low pH or irritating can be administered intravenously.
- Intravenous administrations require technical expertise and skill.
- The lateral veins are readily visualized, but have quite small diameters. If anaesthesia is not used, a restraining device is usually necessary.
- The syringe plus needle or the catheter must first be filled with the solution to remove air bubbles.
- Administrations are usually made into the lateral tail veins not into the dorsal tail vein, as it is not straight
- The mouse is either placed in the restrainer or anesthetized and the tail is then warmed with a lamp or warm towel, or immersed in warm water (40–45 °C) in order to dilate the vessels.

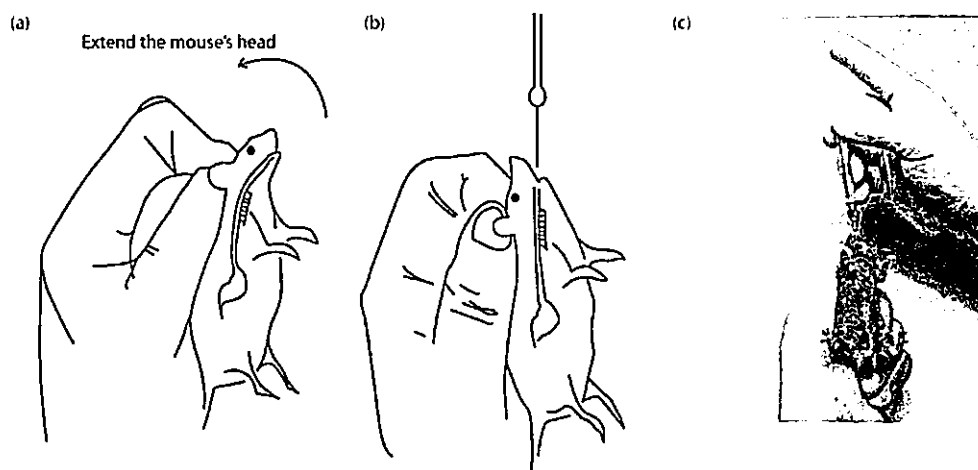
- The tail is swabbed with 70% alcohol on a gauze sponge or swab. Insert the needle parallel to the tail vein penetrating 2–4 mm into the lumen while keeping the bevel of the needle face upwards.
- The solution is then injected slowly and no resistance should be felt if the solution is properly administered.
- The injected solution temporarily replaces the blood but then should be washed away by the blood stream.
- When the intravenous administration is finished or the cannula is pulled out, the injection site must be pressed firmly with a swab or fingers to prevent backflow of the administered solution and/or blood.



ORAL OR INTRAGASTRIC ROUTE

- Direct administration by oral gavage is preferred to mixing substances with food or drinking water because the intake of the substances is precisely measured.

- A ball tip needle is used to prevent damaging the oesophagus and from passing through the glottal opening into the trachea.
- The conscious mouse is manually restrained firmly by gripping a fold of skin from the scruff of neck down the back, immobilization of the head is essential for this procedure.
- When the neck is extended the position is vertical. A straight line is formed between the mouth and the cardiac sphincter through the oesophageal orifice.
- The needle is passed gently through the mouth and pharynx into the oesophagus.
- The mouse usually swallows as the feeding needle approaches the pharynx, these swallowing movements can help so that the probe slips through the oesophageal opening. The substance is then administered slowly.
- If any obstruction is felt, if the mouse coughs, chokes or begins to struggle vigorously after the gavage begins, or if fluid is seen coming out through the nose, these may indicate that the needle has entered the lungs.
- Any of these signs would necessitate immediate withdrawal of the needle, and the mouse must be observed very carefully.
- If there is any sign that fluid has got into the lungs, the mouse should be euthanized. As soon as administration is finished, the needle must be withdrawn.



Methods of Blood Collection in Mouse

Blood collection from mice is necessary to carry out many scientific studies. There are number of methods available for collection of blood from mice. Collecting blood from mouse causes stress to the animal, hence one should be skilled to carry out these techniques so as to ensure minimal stress to the animal because over stress to the animal may have a great impact on the results.

The following are the routes to collect blood from the animal:

- **Blood collection not requiring anesthesia:**

- Saphenous vein

- Dorsal pedal vein

- **Blood collection requiring anesthesia:**

- Tail vein

- Orbital sinus

- Jugular vein

- **Terminal procedures:**

- Cardiac puncture

- Posterior vena cava

Methods of Blood Collection not requiring Anesthesia

Blood Collection from the Saphenous Vein

- Warm the mouse just prior to blood collection so as to increase the blood flow in the animal. To do so place a lamp on the cage of the animal or place the cage on a heating pad at its lowest setting.
- Place the mouse in a restraining tube so its head is covered and its hind legs are free.
- Grasp the fold of skin between the tail and thigh.
- The saphenous vein is found on the caudal surface of the thigh.
- Remove hair from the area with clippers and apply petroleum jelly or lubricant to prevent the migration of blood into surrounding hair and place a tourniquet around the leg and above the knee.
- Puncture the vein with a 25 gauge needle and collect the drops of blood as they appear.
- The use of collection tubes with capillary action will facilitate blood collection.

- Apply pressure or silver nitrate to stop bleeding.

Blood collection from the top of the foot

- Warm the mouse and place it in a restraining tube.
- With your thumb and first finger, hold a hind foot around the ankle and your thumb should be on the top of the foot.
- The medial dorsal pedal vessel is found on the top of the foot and apply petroleum jelly or lubricant to the foot.
- Puncture the vein with a 23–27 gauge needle. As drops of blood appear collect them in a capillary tube.
- Apply pressure or silver nitrate to stop bleeding.

Methods of Blood Collection Requiring Anesthesia:

Blood Collection from the Tail

- Warm the mouse and place it in a restraining tube.
- Do not attempt to increase blood flow by rubbing the tail from the base to the tip, as this will result in leukocytosis (increased white blood cell count).
- Using a scalpel, straight edge razor, or sharp scissors, quickly removes up to 1 cm of the tail.
- Collect blood in a capillary tube as drops appear and apply pressure or silver nitrate to stop bleeding.
- When several samples are needed within a short time period, the original wound can be reopened by removing the clot.
- When additional samples are needed at a later date, blood samples can be obtained by removing just 2-3 mm of additional tail.

Blood Collection from the Orbital Sinus

- Lay the anesthetized mouse on its side on a table or hold it in your hand with its head pointing down.
- With your first finger and thumb (finger above and thumb below the eye) pull the skin away from the eyeball, above and below the eye, so that the eyeball is protruding out of the socket as much as possible.
- Take care not to occlude the trachea with your thumb.

- Insert the tip of a fine-walled Pasteur pipette into the corner of the eye socket underneath the eyeball, directing the tip at a 45-degree angle toward the middle of the eye socket.
- Rotate the pipette between your fingers during forward passage; do not move it from side to side or front to back.
- Apply gentle downward pressure and then release until the vein is broken and blood is visualized entering the pipette.
- When a small amount of blood begins filling the pipette, withdraw slightly and allow the pipette to fill. Do not let the pipette come out of the eye socket.
- If the pipette is not withdrawn slightly, it may occlude the vein and blood will not flow freely.
- Cover the open end of the pipette with the tip of your finger before removing it from the orbital sinus to prevent blood from spilling out of the tube.
- Bleeding usually stops immediately and completely when the pipette is removed.
- It may be necessary to apply gentle pressure on the eyeball for a brief moment by closing the skin above and below the eye using your first finger and thumb.
- It is recommended that sample collection not be repeated on the same eye for at least two weeks.

(**Caution:** Blindness can occur if the optic nerve is damaged as a result of the blood collection tube coming into contact with the nerve, which attaches to the middle of the ventral surface of the eye.)

Blood Collection from the Jugular Vein

- Restrain the anesthetized mouse by attaching a loop of string to a gauze square and looping it around the upper incisors.
- Pull the head up and back while pulling the gauze across the back of the hand and lock the gauze between two fingers.
- Wet the fur with alcohol or shave the neck area.
- In this hyperextended position, the jugular veins appear blue and are found 2-4 mm lateral to the sternoclavicular junction.
- Using a 1 ml syringe and 25 gauge needle, approach the vessel in a caudocephalic direction (from back to front).

- Insert the needle 1-3 mm deep, 2-4 mm lateral of the sternoclavicular junction, over the sternum; include a small amount of muscle from the sternum to stabilize the needle.
- Hold the needle very still when blood enters the syringe and Withdraw blood slowly to avoid collapse of these small vessels.
- If the first attempt to draw blood is unsuccessful, withdraw the needle slightly; it may have been placed too deeply.
- If blood stops flowing, do not continue to draw back on the syringe. The vein may have collapsed or the needle may have attached to the vessel wall.
- Rotate the needle slightly or apply slight pressure on the needle (either above, below, or to the side of puncture site).

Terminal Methods of Blood Collection Requiring Deep Anesthesia

Blood Collection by Cardiac Puncture

Three possible approaches:

- Hold the mouse by the scruff of skin above the shoulders so that its head is up and its rear legs are down. Use a 1 ml syringe and a 22 gauge needle. Insert needle 5 mm from the center of the thorax towards the animal's chin, 5-10 mm deep, holding the syringe 25-30 degrees away from the chest.
- Lay animal on back and push syringe vertically through sternum.
- Lay animal on side and insert the needle perpendicular to chest wall.
- If blood doesn't appear immediately, withdraw 0.5 cc of air to create a vacuum in the syringe.
- Withdraw the needle without removing it from under the skin and try a slightly different angle or direction.
- When blood appears in the syringe, hold it still and gently pull back on the plunger to obtain the maximum amount of blood available.
- Pulling back on the plunger too much will cause the heart to collapse.
- If blood stops flowing, rotate the needle or pull it out slightly.

Blood Collection from the Posterior Vena Cava

- Open the abdominal cavity of anesthetized mouse by making a V-cut through the skin and abdominal wall 1 cm caudal to the rib cage.
- Shift the intestines over to the left and push the liver forward.

- Locate the widest part of the posterior vena cava (between the kidneys).
- Use a 23-25 gauge needle and a 1 ml syringe.
- Carefully insert the needle into the vein and draw blood slowly until the vessel wall collapses.
- Pause to allow the vein to refill and then repeat three or four times or until no more blood is available.

Pictures during workshop



Organizers interacting with the guest speaker



Participants interacting with the guest speaker in the animal house

mailed





VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. w/s 3 of UGC Act 1956

ONE WEEK FACULTY DEVELOPMENT

**PROGRAMME ON
EMERGING TRENDS
AND APPLICATIONS
IN FOOD
ENGINEERING**

COURSE CO-ORDINATOR:

Alka Kumari,
Assistant professor,
Dept.of.Chemical Engineering,
VFSTR, Vadlamudi, Guntur.

For Registration: 9984420100

Apla.kumari22@yahoo.com

Organised by

**BRANCH OF FOOD
TECHNOLOGY**

DEPARTMENT OF CHEMICAL
ENGINEERING

Vignan's Foundation for Science,
Technology and Research
Vadlamudi, Guntur District. Andhra

Pradesh India - 522213

**About the Recourse
Person**

Professor and Head
Department of food
Process Engineering
University of
Agricultural Sciences,
Raichur

Specialization

Development of novel
functional/fortified
foods, Waste utilization
technology,
supercritical CO₂
extraction and
encapsulation of
bioactive compounds,
multimode solar drier
and biosynthesis of
nanoparticles



FACULTY DEVELOPMENT

PROGRAMME ON

**EMERGING
TRENDS AND
APPLICATIONS
IN FOOD
ENGINEERING**

10.02.2016 TO 15.02.2016

RESOURCE PERSON:

DR. UDAY KUMAR NIDONI

**PROFESSOR AT UAS
RAICHUR**

ABOUT UNIVERSITY

VISION

To evolve in to a center of excellence in science & technology through creative and innovative practices in teaching - learning, towards promoting academic achievement and research excellence to produce internationally accepted, competitive and world class professionals who are psychologically strong & emotionally balanced imbued with social consciousness & ethical values.

MISSION

To provide high quality academic programs, training activities, research facilities and opportunities supported by continuous industry - institute interaction aimed at promoting employability, entrepreneurship, leadership and research aptitude among students and contribute to the economic and technological development of the region, state and nation.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

ABOUT DIVISION OF FOOD TECHNOLOGY

COURSE OBJECTIVES:

To help in design the process parameters for thermal processing, freezing, evaporation, dehydration, separation, extraction and to develop skills in formulating solutions to solve problems in food industry.

COURSE OUTCOMES:

- The study of the composition, structure, properties of food materials and identify methods and instruments
- Prioritize different controlling parameters to improve shelf-life of food. Evaluate data generated by experimental methods for chemical characterization of food materials.

Date	Topic	Resource person	No. Of Hours
10.02.2016	Food Safe and Security	Dr. Uday K. Nidoni	7 Hrs
11.02.2016	Nutraceuticals regulation with respect to FSSAI	Dr. Uday K. Nidoni	7 Hrs
12.02.2016	Advances in Food and Nutrition Research	Dr. Uday K. Nidoni	7 Hrs
13.02.2016	Interdisciplinary focus, including food materials science, engineering properties of foods	Dr. Uday K. Nidoni	7 Hrs
14.02.2016	Conventional and Advanced Food Processing Technologies	Dr. Uday K. Nidoni	7 Hrs
15.02.2016	Rapid development of food chemistry and technology	Dr. Uday K. Nidoni	7 Hrs



DEPARTMENT OF CHEMICAL ENGINEERING

DIVISION OF FOOD TECHNOLOGY

Date: 20.02.2016

A REPORT ON

**FACULTY DEVELOPMENT PROGRAMME ON EMERGING TRENDS
AND APPLICATIONS IN FOOD ENGINEERING**

The faculty development programme started on 10th Feb, 2016 at 10:00 am with Saraswati Vandana. There were 82 participants from different disciplines of Vignan's foundation for science technology and research, Vadlamudi, Andhra Pradesh and from other outside institutes.

The dignitaries on the stage were Dr. Ramesh Naidu, Head of department, Dr. Uday Kumar Nidoni, Resource Person and Ms. Alka Kumari, Co-ordinator.

Opening remarks for the FDP were given by Mr. Shiva Jagdish, which was followed by an introduction to the programme by Dr. Ramesh Naidu. He also gave a glimpse of the research activities going on in Vignan University.

Day 1

Session 1:

In this session Dr. Uday Kumar Nidoni discussed about Food Safe and Security. The importance of uncompromising standards of food safety is obvious. Typical uses of the CTX in the sphere of food control and food safety-risk analysis include: Quality Analysis at Critical Control (QACC) of raw materials and of finished and "in process" products as well as during process: Hazardous Analysis at Critical Control (HACC), screening for adulterants and metallic contaminant and Food content analysis for fortificants such as iron (Fe) and calcium (Ca) in milk liquid and powder.

Session 2

Details of nutraceuticals regulation with respect to FSSAI. Detailed discussion on ingredients specified in Schedule I or Schedule II or Schedule IV or Schedule VI or Schedule VII or Schedule VIII of the Food Act, The quantity of nutrients, if added, should not exceed the recommended daily allowance as specified by the Indian Council of Medical Research (ICMR) or by the international food standards body Codex Alimentarius Commission (CAC).



DEPARTMENT OF CHEMICAL ENGINEERING

Day 2

Session 1

Dr. U K Nidoni talked about *advances in Food and Nutrition Research* provides updated knowledge about nutrients in foods and how to avoid their deficiency, especially for those essential nutrients that should be present in the diet to reduce disease risk and optimise health. The series lectures and presentations are provides the latest advances on the identification and characterisation of emerging bioactive compounds with putative health benefits, as well as up-to-date information on food science, including raw materials, production, processing, distribution and consumption, always having in mind its nutritional benefits and health effects.

Session 2

This session was in continuation with morning lectures and interdisciplinary focus, including food materials science, engineering properties of foods, advances in food process technology, novel food processes, functional foods, food waste engineering, food process design and economics, modeling food safety and quality, and innovation management.

Day 3

Session 1

Conventional and Advanced Food Processing Technologies Speaker talks about Food processing technologies are an essential link in the food chain. These technologies are many and varied, changing in popularity with changing consumption patterns and product popularity. Newer process technologies are also being evolved to provide the added advantages. *Conventional and Advanced Food Processing Technologies* fuses the practical (application, machinery), theoretical (model, equation) and cutting-edge (recent trends), making it ideal for industrial, academic and reference use. It consists of two sections, one covering conventional or well-established existing processes and the other covering emerging or novel process technologies that are expected to be employed in the near future for the processing of foods in the commercial sector. All are examined in great detail, considering their current and future applications with added examples and the very latest data.

Session 2

Discussion on *Conventional and Advanced Food Processing Technologies* is a comprehensive treatment of the current state of knowledge on food processing technology. In its extensive coverage, and the selection of reputed research scientists who have contributed to each topic, this session was definitive in this field for students, food professionals and researchers.



DEPARTMENT OF CHEMICAL ENGINEERING

Day 4

Session 1

This lecture aims to encourage researchers to take the research to international level. In order to achieve this, it is important to bring into light disseminate outstanding research and development results to the world instantaneously the latest advances in this domain. Discussed experimental and theoretical results in as much detail as possible and collect precise data in the fields of food processing and its technology.

Session 2

Ccovers a wide range of advanced food processing technologies including osmo-concentration of fruits and vegetables, membrane technology, nonthermal processing, emerging drying technologies, CA and MA storage of fruits and vegetables, nanotechnology in food processing, and computational fluid dynamics modeling in food processing.

Day 5

Describes food safety and various non-destructive quality assessment systems using machine vision systems, vibrational spectroscopy, biosensors, and chemosensors. Session 2 explores waste management, by-product utilization, and energy conservation in food processing industry. With an emphasis on novel food processes, lecture contains case studies and examples to illustrate state-of-the-art applications of the technologies discussed.

Day 6

Session 1

This session is intended to provide an introduction to enzymology, and a balanced account of all the various theoretical and applied aspects of the subject which are likely to be included in a course. Provides an introduction to enzymology and a balanced account of the theoretical and applied aspects of the subject. Discusses techniques such as membrane chromatography, aqueous phase partitioning and engineering recombinant proteins for purification. Includes a discussion of the analysis of complex protein mixtures by 2D-electrophoresis and RPHPLC prior to sequencing by mass spectroscopy

Session 2

This session was mostly on revision and also a little discussion on very rapid development of food chemistry and technology over the last two decades, which is due to a remarkable increase in the analytical and manufacturing possibilities, makes the complete lack of a comprehensive, teaching or reference text particularly noticeable.



DEPARTMENT OF CHEMICAL ENGINEERING

Prof Ramesh Naidu in his inaugural comments stressed upon on the new methods for delivering lectures and also the importance of online course like MOOCs, NPTEL etc in the College/University teaching. Three participants also put forward their feedback in the valedictory programme. Prof Ramesh Naidu and Dr. Uday Kumar Nidoni distributed the programme completion certificate to participants.

This FDP emphasizes on stimulating inquisitiveness in the students during the process of acquiring and assimilating new scientific knowledge and concepts, rather than treating students as a passive recipient of lecture driven classes. The programme delivers the concept of integration of ICT in the teaching-learning process and training in research-based strategies in teaching process. Similarly, the exposure to tools like open source courseware, simulation tools, and scientific approaches of planning and execution of experiments are also delivered in the programme, to enhance the student's ability to understand the subjects or create the curiosity on the subjects. This Faculty Development Programme (FDP) fulfils its prime objectives to bring the faculties of agriculture and food engineering, science and allied subjects onto one platform to update with the advances in the food technology and applications, effective teaching learning practices, integration of ICT in the teaching-learning process, expose to tools like open source courseware, simulation tools, and scientific approaches of planning and execution of experiments.

Report Prepared by:

Ms. Alka Kumari,
Assistant Professor, (Food Technology),
Department of Chemical Engineering
VFSTR

HoD, Chemical Engg.



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DEPARTMENT OF CHEMICAL ENGINEERING
CHEMICAL | TEXTILE | FOOD | PETROLEUM

Workshop
On
**EMERGING TRENDS AND
APPLICATIONS IN FOOD
ENGINEERING**



This is to certify that Dr. / Mr. / Ms. **Alka Kumari** Of VFSTR has participated in Faculty Development Programme On “**EMERGING TRENDS AND APPLICATIONS IN FOOD ENGINEERING**” Organized by, Department of Chemical engineering, Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. 10th - 15th Feb 2016.

Alka Kumari
Ms. Alka Kumari
Faculty Co-Ordinator

Dr. Ramesh Naidu
HOD, Chemical Engineering



Attendance Sheet

[illegible]

[illegible]



Chemical | Textile | Food | Petroleum

[illegible]



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UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Chemical
Engineering
Chemical I Textile I Food I Petroleum

73	Mr. Siva Naga Babu	P	P	P	P	P	P	P	P	P	P	P	
74	Ms. Tejo Lakshmi	P	P	P	P	P	P	P	P	P	P	P	
75	Ms. Indhrani Devi	P	P	P	P	P	P	P	P	P	P	P	
76	Ms. Kureti Dakshayani	P	P	P	P	P	P	P	P	A	A	A	
77	Mr. Dinesh Reddy	P	P	P	P	P	P	P	P	P	P	P	
78	Ms. Laxmi Chandana	P	P	P	P	P	P	P	P	P	P	P	
79	Mr. Gautam Vamsi	P	P	P	P	P	P	P	P	P	P	P	
80	Ms. Shaik Arfa Almaaz	P	P	P	P	P	P	P	P	P	P	P	
81	Ms. Syed Hajeera Bano	P	P	P	P	P	P	P	P	P	P	P	
82	Mr. Shaik Abdulgani	P	P	P	P	P	P	P	P	A	A	A	

Al ka kureti

Faculty Co-Ordinator

Ramesh

HoD, Chemical Engg.



Resource Persons



Dr. J. Hayavadana

Professor & Head, Department of textile
Technology, Osmania University
Hyderabad, Telangana

Specialization: Textile Technology Surface
modification of Polyester fibres Assembly



Mr. Md Vaseem Chavhan

Assistant Professor, Department of
Chemical Engineering, VFSTR, Guntur
Specialization: Fabric structures and design,
nonwoven fabrics

COURSE CO-ORDINATOR:

Md Vaseem Chavhan,
Assistant professor,
Dept.of.Chemical Engineering,
VFSTR, Vadlamudi, Guntur.

For Registration: 9885520876

wasim.chavhan@yahoo.com



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Workshop
On

Compound Fabric Structures

10th - 16th Feb 2016



Organised by

DIVISION OF TEXTILE TECHNOLOGY

DEPARTMENT OF CHEMICAL ENGINEERING

Vignan's Foundation for Science, Technology and Research
Vadlamudi, Guntur District. Andhra Pradesh India - 522213

ABOUT UNIVERSITY

VISION

To evolve in to a center of excellence in science & technology through creative and innovative practices in teaching - learning, towards promoting academic achievement and research excellence to produce internationally accepted, competitive and world class professionals who are psychologically strong & emotionally balanced imbued with social consciousness & ethical values.

MISSION

To provide high quality academic programs, training activities, research facilities and opportunities supported by continuous industry - institute interaction aimed at promoting employability, entrepreneurship, leadership and research aptitude among students and contribute to the economic and technological development of the region, state and nation.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

ABOUT DIVISION OF TEXTILE TECHNOLOGY

The B.Tech course in Textile Technology was offered from the year 2011, which is one of the most lucrative, appealing, glamorous and exciting career options in today's world. The course offered is one of its kinds and VFSTR is the only Institution offering such a diverse course in the state of Andhra Pradesh.

COURSE OBJECTIVE:

This course deals with various design aspects of the compound weave structures.

The objective of this value added course is to understand design of the advanced weaves and accordingly the adjustments at the loom.

COURSE OUTCOMES :

To distinguished the compound fabric structures from simple structures. Learning of various designing representation of the advanced fabric

PROGRAM SCHEDULE

Date	Topic	Resource person	No. Of Hours
10.02.2016	About compound structures: Definitions, types, special requirements for compound fabric structures	Dr. J Hayavadana	6 Hrs
11.02.2016	Multi fabric structures: Double fabric requirements, technical application	Md. Vaseem Chavhan	6 Hrs
12.02.2016	Multi fabric structures: different binding techniques and applications	Dr. J Hayavadana	6 Hrs
13.02.2016	Setting of loom for double fabrics and hand on experience	Md. Vaseem Chavhan	6 Hrs
14.02.2016	Triple fabric: Weave notation for the triple fabric, some designing examples, Applications	Dr. J Hayavadana	6 Hrs
15.02.2016	Arrangement of at table loom for multilayered fabric	Md. Vaseem Chavhan	6 Hrs
16.02.2016	Weaving of double fabric with multicolour weft. Concluding remarks	Dr. J Hayavadana	6 Hrs
Total			42 Hrs



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SUMMARY REPORT
of
WORKSHOP
on
***COMPOUND FABRIC
STRUCTURES***

(10th- 16th February 2016)

Organised By

Division of Textile Technology

Department of Chemical Engineering

Vignan's Foundation for science Technology and Research

Vadlamudi, Guntur - 522213



SUMMARY REPORT

A training program on “*COMPOUND FABRIC STRUCTURES*” from 10th to 16th February July 2016 was organized by the coordinator Mr. Md. Vaseem Chavhan, Assistant Professor, Division of Textile Technology, Department of Chemical Engineering, VFSTR, Guntur. The program was inaugurated by HOD and various senior faculty of chemical engineering. The inaugural function was presided by Dr M.Ramesh Naidu, HOD, Department of Chemical Engineering, and continued by Programco-ordinator.

On Day 1:10-02-2016

The program started with inauguration and then continued by Co-ordinator. After the inauguration, a lecture is delivered on “Basics of Compound fabric structures” by Professor Dr. J. Hayavadna from Osmania University and in post lunch session the lecture continued on the topics “Special requirements for compound fabric structures”. Total 20 members participated in the first day of the Programme.

Day 2: 11-02-2016

Second day started with a lecture by the coordinator Md. Vaseem Chavhan, Assistant professor of VFSTR explaining about “Multi fabric structures: Double fabric requirements, technical application”. In the afternoon session hands on different types of doubled fabrics were shown and analysed by the participant. Total 20 members participated in the second day of the Programme.

Day 3: 12-02-2016

On day 3 the Professor Dr. J. Hayavadna delivered a lecture on “Multi fabric structures: different binding techniques and applications”. In the afternoon session a hand on experience were given by showing the binding of thread at table loom. Total 20 members participated in the third day of the Programme.

Day 4: 13-02-2016

Day 4 started with a lecture by the Md. Vaseem Chavhan on “Setting of loom for double fabrics and hand on experience ”. The post lunch Session the hand on experience were given to participants on Table loom for setting different part. Total 20 members participated in the fourth day of the Programme.

Day 5: 14-02-2016

On day 5 the Professor Dr. J. Hayavadna delivered a lecture on “Triple fabric: Weave notation for the triple fabric, some designing examples, Applications”. In the post lunch session, the lecture was continued with more focus on application part. Total 20 members participated in the fifth day of the Programme.

Day 6: 15-02-2016

On day 6 of the program the coordinator Md. Vaseem Chavhan mainly given the hands on experience to the participants on “Arrangement of at table loom for multilayered fabric” from beam formation to the dent-in and draw-in. Total 20 members participated in the sixth day of the Programme.

Day 7: 16-02-2016

Day 7 started with brief introduction to the “Weaving of double fabric with multicolour weft” and the in afternoon session the program is concluded with certificate distribution. The Concluding remarks was given by coordinator Mr. Md. Vaseem Chavhan.



Md. Vaseem Chavhan
Faculty Co-Ordinator



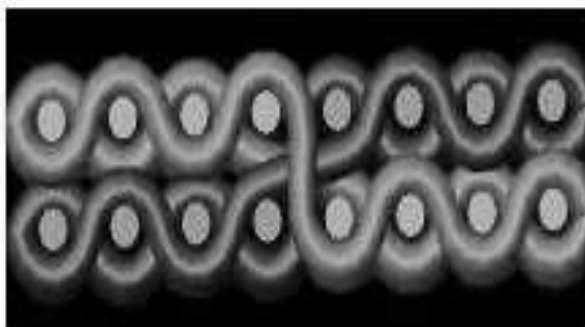
Dr. Ramesh naidu
HOD, Chemical Engineering



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DEPARTMENT OF CHEMICAL ENGINEERING
CHEMICAL | TEXTILE | FOOD | PETROLEUM

Workshop
On
Compound Fabric Structures



**CERTIFICATE OF
PARTICIPATION**

This is to certify that Dr. / Mr. / Ms. B Venkatesh Of VFSTR has participated in Workshop on “**Compound Fabric Structures**” Organized by, Department of Chemical engineering, Vignan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. 10th - 16th Feb 2016.

M. Vaseem

Md. Vaseem Chavhan
Faculty Co-Ordinator

Ramesh

Dr. Ramesh naidu
HOD, Chemical Engineering





Attendance Sheet for Workshop on Compound Fabric Structures

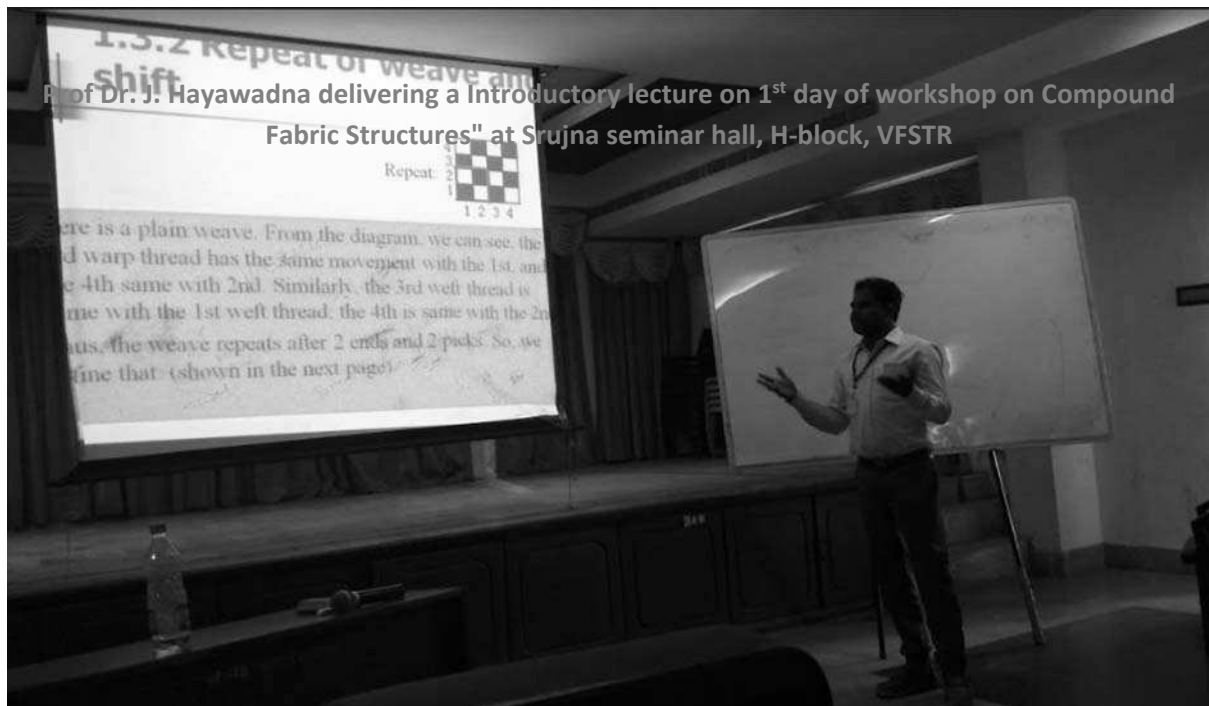
S. No.	Staff Name	10-02-2016		11-02-2016		12-02-2016		13-02-2016		14-02-2016		15-02-2016		16-02-2016	
		A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.
1	Mr. Siva Jagadishdish	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr. B. Venkatesh	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Mr. Ch.Govardhan Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Mr. Nagarju E.I	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Mr. Siva Krishna	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Mr. RADHAKRISHNA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Mr. LOKESH RENIGUNTALA	A	A	P	P	P	P	P	P	P	P	P	P	P	P
8	Mr. VENKATESWARLU KALE	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Mrs. ARUNA KUMARI GORATI	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Ms. RAJYA LAKSHMI NADELLA	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Mrs Jyoti	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Mr. Arjun Dakuri	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Mr. Sinivas K.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	Mr. Ajay Chinthala	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Mr. Anil A	P	P	P	P	A	A	A	P	P	P	P	P	P	P
16	Mr. Shahina	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Mr. Ravikiran V.	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Mr. Ajay Shrivastav	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Mr. Vamshi Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Mr. Narayan K.	P	P	P	P	P	P	P	P	P	P	A	A	A	A

M. Vaseem

Faculty Co-Ordinator

Ramish

HoD, Chemical Engg.



Prof. Dr. J. Hayawadna delivering a Introductory lecture on 1st day of workshop on "Compound Fabric Structures" at Srujna seminar hall, H-block, VFSTR



Resource Persons



Dr. T. Krishana

Professor & Head, Department of
CFTRI

Specialization: Computer Aided design and
control



Ms. P. Vijetha

Assistant Professor, Department of
Chemical Engineering, VFSTR, Guntur

Specialization: Biosorption, Pyrolysis

COURSE CO-ORDINATOR:

Ms. Vijetha Ponnam,
Assistant professor,
Dept. of Chemical Engineering,
VFSTR, Vadlamudi, Guntur.

For Registration: 9494414528

Vijetha.Ponnam@gmail.com



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Faculty Development Programme On **Chemical Process Simulation using Aspen Plus**

05th - 11th June 2016



Organised by
DEPARTMENT OF CHEMICAL ENGINEERING
Vignan's Foundation for Science, Technology and Research
Vadlamudi, Guntur District. Andhra Pradesh India - 522213

ABOUT UNIVERSITY

VISION

To evolve in to a center of excellence in science & technology through creative and innovative practices in teaching - learning, towards promoting academic achievement and research excellence to produce internationally accepted, competitive and world class professionals who are psychologically strong & emotionally balanced imbued with social consciousness & ethical values.

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ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

COURSE OBJECTIVE:

The objective of this programme is to tackle different chemical process & unit operation calculation-based tasks, in the form of modelling, simulation, optimization, data regression, design specifications, sensitivity analysis, dynamics and control, energy saving, safety compliance and finally process economic analysis.

COURSE OUTCOMES :

To apply the knowledge and software skill of aspen plus in solving several complex problem and able to design and simulation of numerous chemical processes.

PROGRAM SCHEDULE

Date	Topic	Resource person	No. Of Hours
05.06.16	Introduction to What is Aspen Plus Process Simulation Model. Beginning a simulation and entering components	Dr. T. krishna	6 Hrs
06.06.16	Flow sheeting practice and problem description, Data input, Project title & Report options	DrT. krishna	6 Hrs
07.06.16	Flash separation and distillation columns related problem 1. Problem description 2. Design specification study	Dr. T. krishna	6 Hrs
08.06.16	Flash separation and distillation columns related problem 1. Problem description 2. Design specification study	DrT. krishna	6 Hrs
09.06.16	Heat exchanger design 1. Problem description 2. Types of heat exchanger model in Aspen Plus	DrT. krishna	6 Hrs
10.06.16	Reactor with simple reaction kinetics 1. Problem description 2. Entering components and method of property	Dr. T. krishna	6 Hrs
11.06.16	Reactor with simple reaction kinetics 1. Problem description 2. Entering components and method of property	Dr. T. krishna	6 Hrs
Total			42 Hrs



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Report of the Faculty development program on “Chemical Process Simulation using Aspen Plus”

5th – 11th June 2016.

The seven day faculty development program on “Chemical Process Simulation using Aspen Plus” from 5th – 11th June 2016 was organized by the coordinator Ms.P.Vijetha of Dept. of Chemical Engineering. The program was inaugurated by dignitaries from various fraternities of Chemical Engineering. The inaugural function was presided Dr. T. Krishna, Chairman of Vignan Group of Institutions, under the presence of chief guest, T. Krishna, Dr.M.S.Raghunathan, Registrar of Vignan group of Institutions and Dr Balamurugan, Assoc Dean, IQAC, VFSTRU are participated in the same. The participants from various institutes had participated in the program and the program schedule and the rules of AICTE-ISTE were elaborated to them.

In this FDP day wise was divided into two parts. Forenoon back ground theory was covered afternoon same thing was practised.

Day 1 of the program on 05-06-2016 started with the keynote address by Dr. T. Krishna on “Introduction to What is Aspen Plus Process Simulation Model. Beginning a simulation and entering components”. Total 20 members registered in the first day of the Programme.

Day 2 of the program started with 20 participants on 06.06.2016 started with a lecture by Dr. T. Krishna, on “Flow sheeting practice and problem description, Data input, Project title & Report options.

The day 3 of the program on 07.06.2016, the forenoon session was headed by Prof. (Dr. T. Krishna on “Flash separation and distillation columns related problem 1. Problem description 2. Design specification study”. 20 enthusiastic participants joined on the 3rd day of the program.

08-06-2016, the day 4 of the Faculty development program was headed by Prof. (Dr. T. Krishna on “Flash separation and distillation columns related problem 1. Problem description 2. Design specification study”. 20 participants participated on day 4.

The day 5 of the program i.e. on 09-06-2016 was headed by Prof. Dr. T. Krishna on” **Heat exchanger design**:1. Problem description 2. Types of heat exchanger model in Aspen Plus”. The Program ended with the participation of 20 participants.

Day 6 of the program on 10-06-2016 started with 20 participants on the keynote address by Prof Dr. T. Krishna on “**Reactor with simple reaction kinetics**:1. Problem description 2. Entering components and method of property 3. Reactor reaction specification for PFR 4. Reactor and reaction specification for CSTR”,

The last day of the faculty development program with 20 participants on 11-06-2016 started with Dr. T. Krishna on“**Reactor with simple reaction kinetics**:1. Problem description 2. Entering components and method of property 3. Reactor reaction specification for PFR 4. Reactor and reaction specification for CSTR”. The program ended with certificate presentation to the qualified participants by the chief guest of the valedictory, Dr. T. Krishna, The coordinator had elaborated on the remarks of the program and the vote of thanks was given by Ms. B. Sumalatha, VFSTR.



Mrs. P. Vijetha
Faculty Co-Ordinator



Dr Ramesh Naidu
HOD, Chemical Engineering



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DEPARTMENT OF CHEMICAL ENGINEERING
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Faculty Development Programme
On
**Chemical Process Simulation using
Aspen Plus**

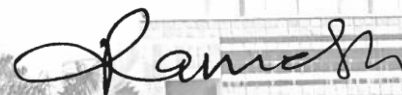


**CERTIFICATE OF
PARTICIPATION**

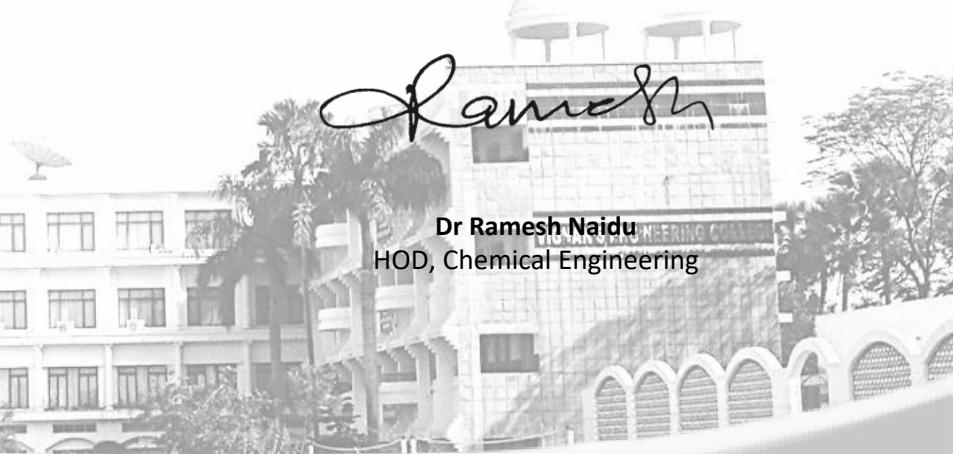
This is to certify that Dr. / Mr. / Ms. Mandapati Ramesh Naidu Of VFSTR has participated in Faculty Development Programme On “Chemical Process Simulation using Aspen Plus” Organized by, Department of Chemical engineering, Vignan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. From 05th to 11th June, 2016.



Mrs. P. Vijetha
Faculty Co-Ordinator



Dr Ramesh Naidu
HOD, Chemical Engineering





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VIGNAN'S FOUNDATION FOR SCIENCE TECHNOLOGY AND RESEARCH

Department of Chemical Engineering

Faculty Development Programme on "Chemical Process Simulation using Aspen Plus"

05 – 11th June 2016

Sl.No.	Staff Name	05.06.2016		06.06.2016		07.06.2016		08.06.2016		09.06.2016		10.06.2016		11.06.2016	
		FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	Dr.Mandapati Ramesh Naidu	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	Mr.P.Ashok Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Mr.P.Bangaraiah	P	P	P	P	P	P	P	P	P	P	P	P	P	P
4	Mrs. Sumalatha Boddu	P	P	P	P	P	P	P	P	P	P	P	P	P	P
5	Mr. YashSaragiya	P	P	P	P	P	P	P	P	P	P	P	P	P	P
6	Mrs.P.Vijetha	P	P	P	P	P	P	P	P	P	P	P	P	P	P
7	Mr.B.V. Dhananjaneyulu	P	P	P	P	P	P	P	P	P	P	P	P	P	P
8	Mr.Rajasekhar Reddy Pilli	P	P	P	P	P	P	P	P	P	P	P	P	P	P
9	Dr.VenkataSwamyNalajala	P	P	P	P	P	P	P	P	P	P	P	P	P	P
10	Mr. Maneesh Kumar Mediboyina	P	P	P	P	P	P	P	P	P	P	P	P	P	P
11	Mr.K.SivaPrasada Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P
12	Ms.M.Sudeera	P	P	P	P	P	P	P	P	P	P	P	P	P	P
13	Ms.J.L.Jayanthi	P	P	P	P	P	P	P	P	P	P	P	P	P	P
14	K.Gowtami	P	P	P	P	P	P	P	P	P	P	P	P	P	P
15	Sk.Ali	P	P	P	P	P	P	P	P	P	P	P	P	P	P
16	Dr.P.Rohini Kumar	P	P	P	P	P	P	P	P	P	P	P	P	P	P
17	Dr.N.Sudha Rani	P	P	P	P	P	P	P	P	P	P	P	P	P	P
18	Dr.T.Mohan Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P
19	Mr. K.Sambasiva Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P
20	Dr.D.N.V.Satya Narayana	P	P	P	P	P	P	P	P	P	P	P	P	P	P

P. vijetha

Coordinator Signature

Ramesh

HOD, Dept. of Chemical Engg.

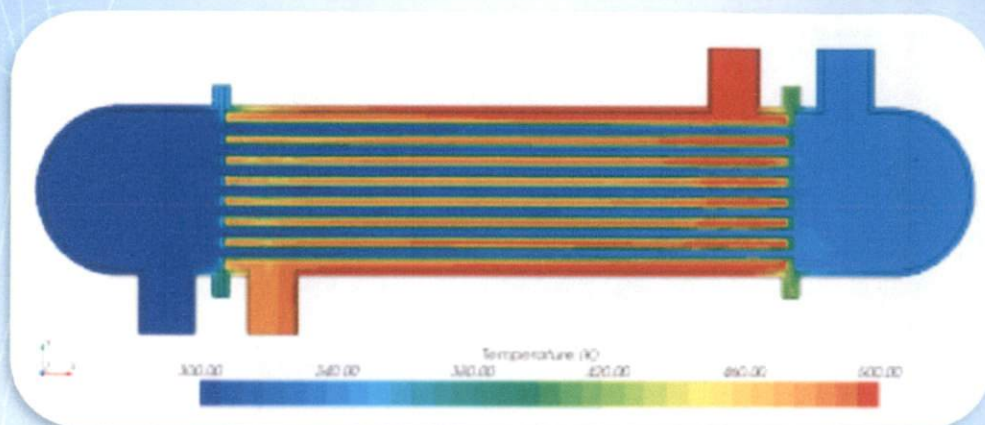


Dr. T. Krishana Resource person delivering lecture during FDP on "Chemical Process Simulation Using Aspen".



Interaction of Dr. T. Krishana Resource person during FDP on chemical process simulation using Aspen at Sangamam seminar hall A Block.

Training Program on *On* Heat Exchangers



PROGRAMME CO-ORDINATOR:

Dr. B. Sumlatha
Assistant Professor
Department of Chemical Engineering,
VFSTR, Vadlamudi, Guntur

For Registration: 9652970560
bvd_chem@vignanuniversity.org



VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

Training Program on *On* Heat Exchangers

10th to 20th June 2016

Venue : VGF12



Organised by

DEPARTMENT OF CHEMICAL ENGINEERING
Vignan's Foundation for Science, Technology and Research
Vadlamudi, Guntur District. Andhra Pradesh India - 522213

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research is a deemed university in the Guntur district in Andhra Pradesh, India. It is in the rural area of Vadlamudi, in the southeast of Guntur City and the northeast of Tenali City. One of the leading premier institute of India, which provides world class facility to the students.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

COURSE OBJECTIVE:

This course deals with knowledge required to understand the importance and classification of heat exchangers

The objective of this course is to familiarize with heat exchange equipment and their calculations.

COURSE OUTCOMES :

The attendee will be able to

- Get the knowledge on heat exchange equipment
- Estimate heat transfer coefficient
- Estimate efficiency and effectiveness of heat exchanger

PROGRAM SCHEDULE

Date	Topic	No. Of Hours
10.06.2016 9.00 to 12.30 1.30 to 4.00	Introduction to modes of heat transfer, importance of convection, heat transfer coefficient	6 Hrs
11.06.2016 9.00 to 12.30 1.30 to 4.00	Introduction to heat exchange equipment and flow arrangements	6 Hrs
12.06.2016 9.00 to 12.30 1.30 to 4.00	Energy balance, $\Delta LMTD$, Calculation of rate of heat transfer	6 Hrs
13.06.2016 9.00 to 12.30 1.30 to 4.00	Correlations for forced convection, calculation of heat transfer coefficient	6 Hrs
15.06.2016 9.00 to 12.30 1.30 to 4.00	Application of double pipe heat exchanger, experiment and calculation related to double pipe heat exchanger	6 Hrs
16.06.2016 9.00 to 12.30 1.30 to 4.00	Shell and tube heat exchanger: application, construction	6 Hrs
17.06.2016 9.00 to 12.30 1.30 to 4.00	Experiment and calculation related to shell and tube heat exchanger	6 Hrs
18.06.2016 9.00 to 12.30 1.30 to 4.00	Plate and frame heat exchanger	6 Hrs
19.06.2016 9.00 to 12.30 1.30 to 4.00	Factors to be considered for the selection of heat exchanger equipment	6 Hrs
20.06.2016 9.00 to 01.00	CONCLUDING SESSION	4 Hrs
Total		58 Hrs



SUMMARY REPORT

of

TRAINING PROGRAM

on

Heat Exchangers

(10th – 20th June 2016)

Venue: VGF - 12

By

Division of Chemical Engineering

Department of Chemical Engineering

Vignan's Foundation for science Technology and Research

Vadlamudi, Guntur - 522213



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Department of
Chemical Engineering
Chemical || Textile||Food||Petroleum

SUMMARY REPORT

A training program on "HEAT EXCHANGERS" from 10th – 20th June 2016 was organized by the coordinator Mrs. Sumlatha, Assistant Professor, Department of Chemical Engineering, VFSTR, Guntur. The program was inaugurated by HOD and various senior faculty of chemical engineering. The inaugural function was presided by HOD, Department of Chemical Engineering, and continued by Programco-ordinator.

On Day 1:10-06-2016

The program started with inauguration and then continued by Co-ordinator. After the inauguration, a lecture is delivered on "Introduction to modes of heat transfer, importance of convection, heat transfer coefficient" by the co-ordinator.

Total 3 members participated in the first day of the Programme.

Day 2: 11-06-2016

Second day started with a lecture by the coordinator explaining about "Introduction to heat exchange equipment and flow arrangements". In the afternoon session hands on training is given to non-teaching staff related to parallel and counter flow.

Total 3 members participated in the second day of the Programme.

Day 3: 12-06-2016

On day 3 the co-ordinator delivered a lecture on "Energy balance, $\Delta LMTD$, Calculation of rate of heat transfer". In the afternoon session a visual identification of various designs has been available. They examined various types of heat exchangers.

Total 3 members participated in the third day of the Programme.

Day 4: 13-06-2016

Day 4 started with identification of various part of "Correlations for forced convection, calculation of heat transfer coefficient". The post lunch Session the coordinator explained about the principle, various parts and working of heat exchangers.

Total 3 members participated in the fourth day of the Programme

Day 5: 15-06-2016

On day 5 of the program the coordinator has taken Application of double pipe heat exchanger, experiment and calculation related to double pipe heat exchanger

Total 3 members participated in the fifth day of the Programme.

Day 6: 16-06-2016

On day 6 of the program the coordinator has taken session on Shell and tube heat exchanger: application, construction. In the post lunch session, the staff has been trained for on that various heat exchanger

Total 3 members participated in the sixth day of the Programme.

Day 7: 17-06-2016

Day 7 started with Experiment and calculation related to shell and tube heat exchanger.

Total 3 members participated in the seventh day of the Programme.

Day 8: 18-06-2016

On the 8th day the coordinator explained about Plate and frame heat exchanger

Total 3 members participated in the eight day of the Programme.

Day 9: 19-06-2016

On day 9th the staff explained Factors to be considered for the selection of heat exchanger equipment

Total 3 members participated in the 9th day of the Programme.

Day 10: 20-06-2016

On the last day test has been conducted to the trained staff and suggestions/corrections has been explained in detail of heat exchangers during training program.

Total 3 members participated in the 10th day of the Programme.

B. Gopalatha


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Department of Textile Technology
VIGNAN UNIVERSITY
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A.P., INDIA.



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(Estd u/s 3 of UGC Act of 1956)

Department of
Chemical Engineering
Chemical | Textile | Food | Petroleum

Attendance Sheet for Training Program On Heat Exchangers

S. No.	Staff Name	10-06-2016		11-06-2016		12-06-2016		13-06-2016		15-06-2016		16-06-2016		17-06-2016		18-06-2016		19-06-2016		20-06-2016	
		A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	
1	Y.Sita Ramaiah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	K.Venkata Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	Sk.Meeravali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Faculty Co-Ordinator

B. Smalatha

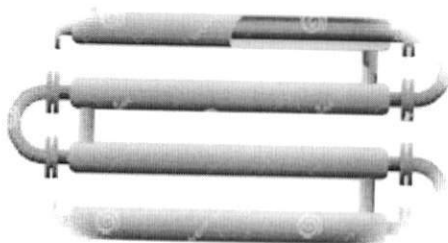
Ramesh
HoD, Chemical Engg.



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(Estd U/s 3 of UGC Act of 1956)

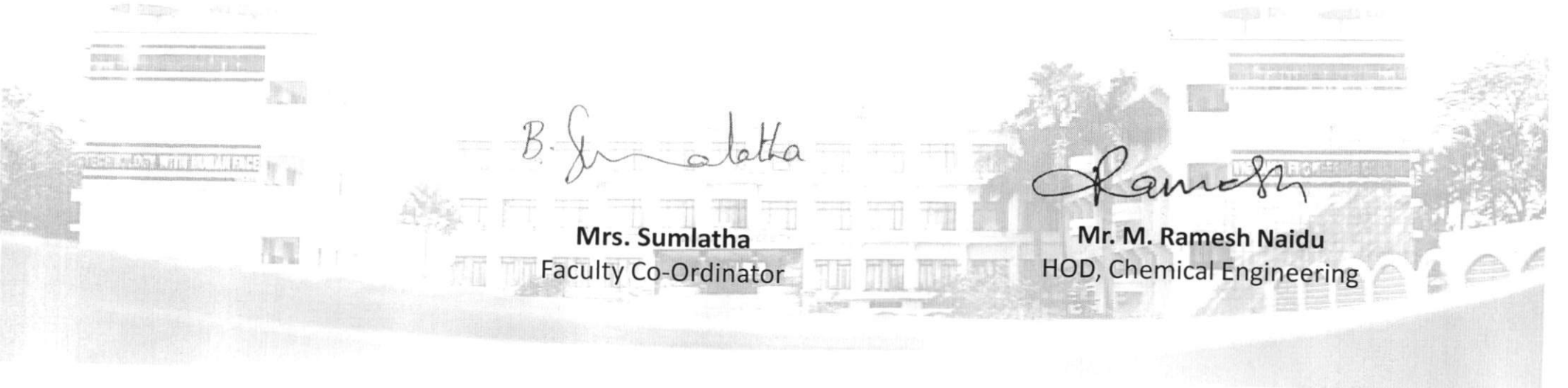
DEPARTMENT OF CHEMICAL ENGINEERING
CHEMICAL | TEXTILE | FOOD | PETROLEUM

TRAINING PROGRAM
On
Heat Exchangers



**CERTIFICATE OF
PARTICIPATION**

This is to certify that **Mr. Y. Sita Ramaiah** has participated in hands-on training program on “**Heat Exchangers**” Organized by Division of Food Technology, Department of Chemical engineering, Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. on 10th June to 20th June 2016.



B. Sumlatha

Mrs. Sumlatha
Faculty Co-Ordinator

Ramesh Naidu

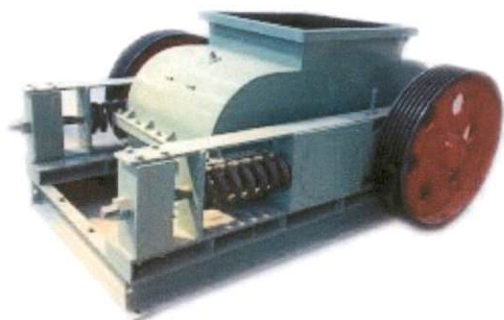
Mr. M. Ramesh Naidu
HOD, Chemical Engineering

Training Program on "Heat Exchangers "



From left Mr. K. Venkata Rao, Ms. B. Sumalatha (Trainer), Mr. Sk.Meeravali and Mr. Y. Sitaramaiah

Training Program on
On
Mechanical Unit Operation and Data Interpretation



PROGRAMME CO-ORDINATOR:

Mr. B. V. Dhanajaneyulu
Assistant Professor
Department of Chemical Engineering,
VFSTR, Vadlamudi, Guntur

For Registration: 9494414528
pv_chem@vignanuniversity.org



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Training Program on
On
Mechanical Unit Operation and Data Interpretation

01st to 11th December 2015
by
Mr. B. V. Dhanajaneyulu
Venue : VGF14



Organised by

DEPARTMENT OF CHEMICAL ENGINEERING
Vignan's Foundation for Science, Technology and Research
Vadlamudi, Guntur District. Andhra Pradesh India - 522213

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research is a deemed university in the Guntur district in Andhra Pradesh, India. It is in the rural area of Vadlamudi, in the southeast of Guntur City and the northeast of Tenali City. One of the leading premier institute of India, which provides world class facility to the students.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

COURSE OBJECTIVE:

This course deals with knowledge required to understand the importance of mechanical unit operation

The objective of this course is to familiarize with several size reduction equipment and related calculations.

COURSE OUTCOMES :

The attendee will be able to

- Get the knowledge on several size reduction equipment
- Estimate the power requirement and effectiveness of the equipment

PROGRAM SCHEDULE

Date	Topic	No. Of Hours
01.12.2015 9.00 to 12.30 1.30 to 4.00	Introduction to Mechanical unit Operation in Chemical Engineering	6 Hrs
02.12.2015 9.00 to 12.30 1.30 to 4.00	Screen analysis: efficiency, mean diameter	6 Hrs
03.12.2015 9.00 to 12.30 1.30 to 4.00	Power calculations of size reduction equipment	6 Hrs
04.12.2015 9.00 to 12.30 1.30 to 4.00	Size reduction equipment: Ball mill, calculations of power consumption of ball mill	6 Hrs
05.12.2015 9.00 to 12.30 1.30 to 4.00	Size reduction equipment: Jaw crusher, calculations of power consumption of jaw crusher	6 Hrs
07.12.2015 9.00 to 12.30 1.30 to 4.00	Size reduction equipment: Roll crusher, calculations of power consumption of roll crusher	6 Hrs
08.12.2015 9.00 to 12.30 1.30 to 4.00	Cyclone separator	6 Hrs
09.12.2015 9.00 to 12.30 1.30 to 4.00	Plate and frame filter press	6 Hrs
10.12.2015 9.00 to 12.30 1.30 to 4.00	Froth flotation	6 Hrs
11.12.2015 9.00 to 01.00	CONCLUDING SESSION	4 Hrs
Total		58 Hrs



SUMMARY REPORT

of

TRAINING PROGRAM

on

Mechanical Unit Operation and Data Interpretation

(01st – 11th December 2015)

By

Venue: VGF - 14

By

Department of Chemical Engineering

Vignan's Foundation for science Technology and Research

Vadlamudi, Guntur - 522213



SUMMARY REPORT

A training program on "MECHANICAL UNIT OPERATION AND DATA INTERPRETATION" from 01st – 11th December 2015 was organized by the coordinator Mr. B. V. Dhanajaneyulu, Assistant Professor, Department of Chemical Engineering, VFSTR, Guntur. The program was inaugurated by HOD and various senior faculty of chemical engineering. The inaugural function was presided by Dr M.Ramesh Naidu, HOD, Department of Chemical Engineering, and continued by Programco-ordinator.

On Day 1:01-12-2015

The program started with inauguration and then continued by Co-ordinator. After the inauguration, a lecture is delivered on "Introduction to Mechanical unit Operation in Chemical Engineering" by the co-ordinator.

Total 3 members participated in the first day of the Programme.

Day 2: 02-12-2015

Second day started with a lecture by the coordinator explaining about "Screen analysis: efficiency, mean diameter". In the afternoon session hands on training is given to non-teaching staff related to Screen analysis

Total 3 members participated in the second day of the Programme.

Day 3: 03-12-2015

On day 3 the co-ordinator delivered a lecture on "Power calculations of size reduction equipment". In the afternoon session a visual identification of various size reduction equipment has been done by staff. They examined various types of size reduction equipment

Total 3 members participated in the third day of the Programme.

Day 4: 04-12-2015

Day 4 started with identification of various part of "Size reduction equipment: Ball mill, calculation of power consumption of ball mill". The post lunch Session the coordinator explained about the principle, various parts and working of Ball mill.

Total 3 members participated in the fourth day of the Programme

Day 5: 05-12-2015

On day 5 of the program the coordinator has taken Size reduction equipment: Jaw crusher, calculations of power consumption of jaw crusher

Total 3 members participated in the fifth day of the Programme.

Day 6: 07-12-2015

On day 6 of the program the coordinator has taken session Size reduction equipment: Roll crusher, calculations of power consumption of roll crusher .

Total 3 members participated in the sixth day of the Programme.

Day 7: 08-12-2015

Day 7 started with Experiment and calculation related to Cyclone separator.

Total 3 members participated in the seventh day of the Programme.

Day 8: 09-12-2015

On the 8th day the coordinator explained about Plate and frame filter press

Total 3 members participated in the eight day of the Programme.

Day 9: 10-12-2015

On day 9th the staff explained about Froth flotation principle and working of the equipment

Total 3 members participated in the 9th day of the Programme.

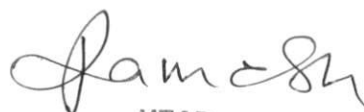
Day 10: 11-12-2015

On the last day test has been conducted to the trained staff and suggestions/corrections has been explained in detail of size reduction equipment during training program.

Total 3 members participated in the 10th day of the Programme.



Mr. Dhanajeyulu



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Department of
Chemical Engineering
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Attendance Sheet for Training Program On Mechanical Unit Operation and Data Interpretation

S. No.	Staff Name	01-12-2015		02-12-2015		03-12-2015		04-12-2015		05-12-2015		07-12-2015		08-12-2015		09-12-2015		10-12-2015		11-12-2015	
		A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.
1	Y.Sita Ramaiah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
2	K.Venkata Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P
3	Sk.Meeravali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P

Faculty Co-Ordinator

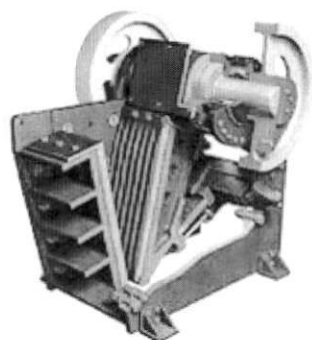
HoD, Chemical Engg.



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DEPARTMENT OF CHEMICAL ENGINEERING
CHEMICAL | TEXTILE | FOOD | PETROLEUM

TRAINING PROGRAM
On
**Mechanical Unit Operation and Data
Interpretation**



**CERTIFICATE OF
PARTICIPATION**

This is to certify that **Mr. Y. Sita Ramaiah** has participated in hands-on training program on “**Mechanical Unit Operation and Data Interpretation**” Organized by Division of Food Technology, Department of Chemical engineering, Vignan's Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. on 01st to 11th December 2015

Mr. B. V. Dhanajaneyulu
Faculty Co-Ordinator

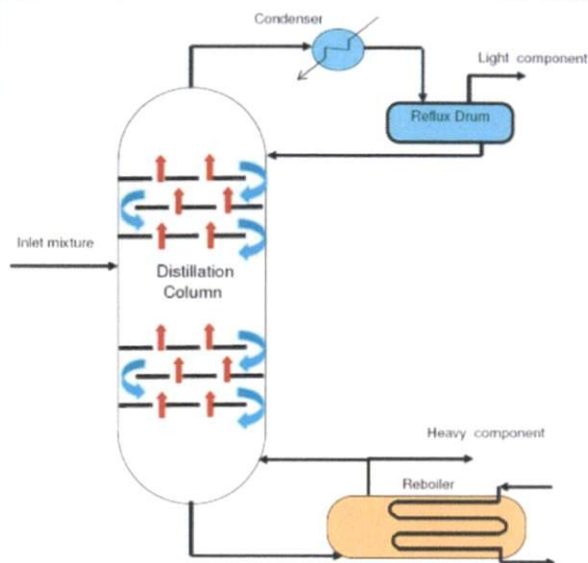
Mr. M. Ramesh naidu
HOD, Chemical Engineering

Training Program on Mechanical Unit Operation and Data Interpretation



From Left: Mr. K. Venkatarao, Mr. Sk. Meeravali, Mr. Y. Sitaramaiah
Mr. B V Dhananjaneyulu (Trainer)

Training Program on *On* Distillation Operation



PROGRAMME CO-ORDINATOR:

Mr. P. Ashok Kumar
Associate Professor
Department of Chemical Engineering,
VFSTR, Vadlamudi, Guntur

For Registration: 9866621633
pak_chem@vignanuniversity.org



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Training Program on *On* Distillation Operation

22nd June to 02nd July 2016

by

Mr. P. Ashok Kumar

Venue : VGF12



Organised by

DEPARTMENT OF CHEMICAL ENGINEERING
Vignan's Foundation for Science, Technology and Research
Vadlamudi, Guntur District. Andhra Pradesh India - 522213

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology & Research is a deemed university in the Guntur district in Andhra Pradesh, India. It is in the rural area of Vadlamudi, in the southeast of Guntur City and the northeast of Tenali City. One of the leading premier institute of India, which provides world class facility to the students.

ABOUT THE DEPARTMENT

The Department of Chemical Engineering was established under Vignan's Engineering College in the year 1997 to address the phenomenally growing Chemical Industry in India. The department primarily offered Undergraduate (B.Tech) program to fulfill the ever-growing local and global demands in allied chemical engineering streams viz. Textile and Fashion Technology, Food Technology, Petroleum Engineering etc.,. Various undergraduate, postgraduate degree programs and vocational training programs have been launched since its inception.

COURSE OBJECTIVE:

This course deals with knowledge required to understand the importance of distillation operation

The objective of this course is to familiarize with distillation operation, packed column, tray column and their calculations.

COURSE OUTCOMES :

The attendee will be able to

- Get the knowledge of distillation operation
- Estimate the vapor liquid equilibrium diagram
- Estimate the ideal stage requirement and efficiency

PROGRAM SCHEDULE

Date	Topic	No. Of Hours
22.06.2016 9.00 to 12.30 1.30 to 4.00	Introduction to distillation operation and application in Chemical Engineering	6 Hrs
23.06.2016 9.00 to 12.30 1.30 to 4.00	Vapour Liquid equilibrium diagram, Relative volatility	6 Hrs
24.06.2016 9.00 to 12.30 1.30 to 4.00	Raoult's law, immiscible liquid mixture, binary mixture	6 Hrs
25.06.2016 9.00 to 12.30 1.30 to 4.00	Multi component distillation, Phase rule, Azeotrope, extractive distillation	6 Hrs
26.06.2016 9.00 to 12.30 1.30 to 4.00	Batch distillation, flash vaporization, material balance calculation	6 Hrs
27.06.2016 9.00 to 12.30 1.30 to 4.00	Distillation column construction and internal,	6 Hrs
29.06.2016 9.00 to 12.30 1.30 to 4.00	Fractional distillation, continuous distillation, Reflux ratio,	6 Hrs
30.06.2016 9.00 to 12.30 1.30 to 4.00	Mccabe Thiele method, Operating line for rectification section, operating line for stripping section	6 Hrs
01.07.2016 9.00 to 12.30 1.30 to 4.00	Determination of number of ideal stages, Ponchon savarit method	6 Hrs
02.072016 9.00 to 01.00	CONCLUDING SESSION	4 Hrs
Total		58 Hrs



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SUMMARY REPORT

of

TRAINING PROGRAM

on

Distillation Operation

(22nd June– 02nd July 2016)

By

Mr. P. Ashok Kumar

Venue: VGF - 12

By

Department of Chemical Engineering

Vignan's Foundation for science Technology and Research

Vadlamudi, Guntur - 522213



SUMMARY REPORT

A training program on “DISTILLATION OPERATION” from 22nd June – 02nd July 2016 was organized by the coordinator Mr. P. Ashok Kumar, Associate Professor, Department of Chemical Engineering, VFSTR, Guntur. The program was inaugurated by HOD and various senior faculty of chemical engineering. The inaugural function was presided by Dr M.Ramesh Naidu, HOD, Department of Chemical Engineering, and continued by Program coordinator.

On Day 1: 22-06-2016

The program started with inauguration and then continued by Co-ordinator. After the inauguration, a lecture is delivered on “Introduction to distillation operation and application in Chemical Engineering” by the co-ordinator.

Total 3 members participated in the first day of the Programme.

Day 2: 23-06-2016

Second day started with a lecture by the coordinator explaining about “Vapour Liquid equilibrium diagram, Relative volatility”. In the afternoon session hands on training is given to non-teaching staff related to VLE data collection.

Total 3 members participated in the second day of the Programme.

Day 3: 24-06-2016

On day 3 the co-ordinator delivered a lecture on “Raoult’s law, immiscible liquid mixture, binary mixture”. In the afternoon session separation of immiscible liquid mixture equipment has been done by staff. They examined various types of distillation columns.

Total 3 members participated in the third day of the Programme.

Day 4: 25-06-2016

Day 4 started with identification of various part of “Multi component distillation, Phase rule, Azeotrope, extractive distillation”. The post lunch Session the coordinator explained about the principle, various parts and working of extractive distillation.

Total 3 members participated in the fourth day of the Programme.

Day 5: 26-06-2016

On day 5 of the program the coordinator has taken Batch distillation, flash vaporization, material balance calculation.

Total 3 members participated in the fifth day of the Programme.

Day 6: 27-06-2016

On day 6 of the program the coordinator has taken session on Distillation column construction and internal parts.

Total 3 members participated in the sixth day of the Programme.

Day 7: 29-06-2016

Day 7 started with Experiment and calculation related to Fractional distillation, continuous distillation, Reflux ratio.

Total 3 members participated in the seventh day of the Programme.

Day 8: 30-06-2016

On the 8th day the coordinator explained about McCabe Thiele method, Operating line for rectification section, operating line for stripping section

Total 3 members participated in the eighth day of the Programme.

Day 9: 01-07-2016

On day 9th the staff explained about Determination of number of ideal stages, Ponchon-Savarit method.

Total 3 members participated in the 9th day of the Programme.

Day 10: 02-07-2016

On the last day test has been conducted to the trained staff and suggestions/corrections have been explained in detail of distillation equipment during training program.

Total 3 members participated in the 10th day of the Programme.



Co-ordinator.



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Department of
Chemical Engineering
Chemical | Textile | Food | Petroleum

Attendance Sheet for Training Program On Distillation Operation

S. No.	Staff Name	22-06-2016		23-06-2016		24-06-2016		25-06-2016		26-06-2016		27-06-2016		29-06-2016		30-06-2016		01-07-2016		02-07-2016	
		A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	P.M.	A.M	
1	Y.Sita Ramaiah	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
2	K.Venkata Rao	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	
3	Sk.Meeravali	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	P	

Faculty Co-Ordinator

Samosh
HoD, Chemical Engg.

Whokip



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UNIVERSITY
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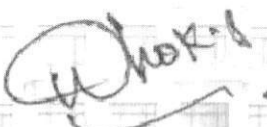
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CHEMICAL | TEXTILE | FOOD | PETROLEUM

TRAINING PROGRAM
On
Distillation Operation

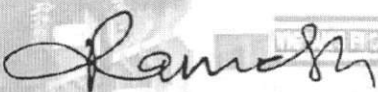


CERTIFICATE OF PARTICIPATION

This is to certify that **Mr. K. Venkata Rao** has participated in hands-on training program on “**Distillation Operation**” Organized by Division of Food Technology, Department of Chemical engineering, Vignan’s Foundation for Science, Technology and Research, Vadlamudi, Guntur Dist. on 22nd June to 02nd July 2016



Mr. P. Ashok Kumar
Faculty Co-Ordinator



Mr. M. Ramesh Naidu
HOD, Chemical Engineering

Training Program on "Distillation Operation"



From left Mr. K. Venkata Rao, Mr. P. Ashok Kumar(Trainer), Mr. Y. Sitaramaiah and Mr. Sk.Meeravali



REGISTRATION FORM

Name:

Gender:

Designation:

Organization:

Address:

.....

.....

.....

.....

Mail Id:

Telephone/Mobile:

Qualification:

Experience.....Yrs.

Registration Fee Details:

Date:...../...../.....

CHIEF PATRONS

DR. L.RATHAIAH

CHAIRMAN, VIGNAN'S GROUP

SRI L. SRI KRISHNA DEVARAYALU

VICE-CHAIRMAN, VIGNAN'S GROUP

PATRONS

DR. RAMAMURTHY NAIDU, CHANCELLOR

DR. C. THANGARAJ, VICE-CHANCELLOR

CMDE. DR. M.S. RAGHUNATHAN, REGISTRAR

WORKSHOP CHAIRMAN

DR. ALMELU MANGAMMA V.HEBSUR

ASSO. PROF & HEAD, VFSTR

COORDINATOR

DR. A SRINIVASA PRASAD

PROFESSOR, VFSTR

CO-COORDINATOR


MR. P.SATHISH

ASST. PROFESSOR, VFSTR

TREASURER

MR. P. PADMA RAO

ASST. PROFESSOR, VFSTR



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

FACULTY DEVELOPMENT PROGRAMME ON WATER AND WASTEWATER QUALITY EXAMINATION 08-14TH OCT 2015

DEPARTMENT OF CIVIL
ENGINEERING

About the Institution

Vignan's Foundation for Science, Technology & Research is private multidiscipline Deemed to be University of central province of Andhra Pradesh. Situated in rural area, it is engaged in providing quality education with meaningful research orientation and industry driven curriculum at UG, PG and Doctoral levels, to produce competent professionals & worthy citizens with deep social concerns. It aims at inculcating ethical values and at creating awareness about the society. The mission of the University is to provide high quality administrative and student services and to create real value to the society by training the students to compute and achieve their cherished goals.

About the Department of Civil Engineering

The Department of Civil Engineering at Vignan's was established in 2008 and it is committed to research and development in Civil Engineering. The vision of the department is to give an exposure to the budding civil technocrats to various challenges in the profession. The principal educational objective of our department is to provide the students, fundamental knowledge and the skills needed to resolve the problems related to the construction and maintenance of infrastructure in harmony with the society and the environment.

The Department also offers an M.Tech Degree Program in Structural Engineering. Research Scholars are also pursuing their Ph.D research, in many relevant and advanced areas of Civil Engineering.

Successful Civil Engineering graduates are creative, analytical, and communicative and possess problem solving skills. With these qualities, our graduates not only develop careers as high quality practicing engineers, but are also sought after by top companies for their potential in management, finance, consulting and other key positions.

About the Programme

The global problems of environmental degradation have forced the society to rethink about the way of development and evolve the concept of sustainable development. Sustainable development, however, involves the design of integrated approaches that can address environmental sustainability and waste while ensuring social and economic prosperity at the national or even global level implying a macroeconomic scope. Indeed, the new environmentally friendly technologies in civil engineering field are fundamental to attain sustainable development. Among, cleaner technologies are holistic and integrated approach to environmental protection because it addresses the challenges of sustainable development in all aspects focusing structures, building technology and construction management, soil and geotechnical sector, environment and water resources, industrial techniques, and policies and legislations and implies incorporating environmental concerns into designing and delivering the related services. Various clean and sustainable initiatives are being taken in the field of civil engineering to maintain and improve the quality of environment that might flourish on the new resource efficient and sustainable thinking society of the future. The issues and solutions associated with low carbon emissions in transportation sector, zero garbage, zero liquid discharge, low carbon and water foot print, renewable energy in environmental aspects, effectual waste shed management, greenhouse emissions, cleaner production in industries, smart materials and construction techniques, sustainable geosystems and materials, smart cities and urban planning need to be addressed nationally and globally. In a developing country like India, the environmental concerns must be balanced by considerations for economic growth and job creation. Cleaner technologies for sustainable development typically results in a 'win-win' strategy for protecting the environment and reducing the potential risks to the environment and human health, without underplaying the importance of economic development. Keeping in view of these, a one week workshop has been planned to disseminate the knowledge on 'Clean Technologies and Sustainable Development in Civil Engineering'.

REGISTRATION FEE

The registration fee is ₹200/- which includes lunch and tea during the program. No TA/DA or lodging will be provided. A certificate of participation would also be provided to the participants.

Resource Persons

Mr. G. Hari Prasad Rao
South India Head,
JSW Cements Ltd., Hyderabad.

Ms. Prithi Malik
Country Head-Education,
ESRI India Ltd., New Delhi.

Mr. Venkat Raman
DGM - Technical,
UltraTech Ltd., Vijayawada.

E. Srinivasa Reddy
Senior Environmental Engineer,
Sri Sai Manasa Nature
Tech Ltd., Hyderabad.

1.Name of the program: FDP on Water and Wastewater Quality Examination

2.Date of the program: 08-10-2015 to 14-10-2015

3.Description: -

The global problems of environmental degradation have forced the society to rethink about the way of development and evolve the concept of sustainable development. Sustainable development, however, involves the design of integrated approaches that can address environmental sustainability and waste while ensuring social and economic prosperity at the national or even global level implying a macroeconomic scope. Indeed, the new environmentally friendly technologies in civil engineering field are fundamental to attain sustainable development. Among, cleaner technologies are holistic and integrated approach to environmental protection because it addresses the challenges of sustainable development in all aspects focusing structures, building technology and construction management, soil and geotechnical sector, environment and water resources, industrial techniques, and policies and legislations and implies incorporating environmental concerns into designing and delivering the related services.

Various clean and sustainable initiatives are being taken in the field of civil engineering to maintain and improve the quality of environment that might flourish on the new resource efficient and sustainable thinking society of the future. The issues and solutions associated with low carbon emissions in transportation sector, zero garbage, zero liquid discharge, low carbon and water foot print, renewable energy in environmental aspects, effectual waste shed management, greenhouse emissions, cleaner production in industries, smart materials and construction techniques, sustainable geosystems and materials, smart cities and urban planning need to be addressed nationally and globally. In a developing country like India, the environmental concerns must be balanced by considerations for economic growth and job creation. Cleaner technologies for sustainable development typically results in a 'win-win' strategy for protecting the environment and reducing the potential risks to the environment and human health, without underplaying the importance of economic development. Keeping in view of these, a one week workshop has been planned to disseminate the knowledge on 'Clean Technologies and Sustainable Development in Civil Engineering'

4.Photo: -



Objective

The main objective of the course is to discuss the recent developments in the field of clean technologies and sustainable development in civil engineering. The participants can develop and affirm a better understanding of the relevant concepts and clean technology-based solutions necessary to achieve sustainable development in both medium and large-scale civil engineering aspects.

Course contents

- Smart Agricultural Systems
- Smart Materials in Geo-Environment
- Eco-friendly Technology & Materials
- Climate Change
- Eco-friendly Transportation
- Clean Energy
- Cleaner Industrial Products and Processes
- Environmental Policies and Legislations

Registration Fee: 200/-

Registered Amount: 6000/-

A. Srinivas Prasad
Co-ordinator.

W
Head
Department of Civil Engineering
Vignan's University
Vadlamudi, Guntur-522 213



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

DEPARTMENT OF CIVIL ENGINEERING

CERTIFICATE OF PARTICIPATION

This is to certify that _____ has participated in Faculty Development Programme on "Water and Wastewater Quality Examination" from 08th October 2015 to 14th October 2015 organized by the Department of Civil Engineering, Vignan's Foundation for Science Technology and Research, Vadlamudi, Guntur Dist., Andhra Pradesh.

CO-ORDINATOR

HEAD OF DEPARTMENT



S.No	Name of the participants	Signature						
		10/8/2015	10/9/2015	10/10/2015	10/11/2015	10/12/2015	10/13/2015	10/14/2015
1	Dr. Almelu Mangamma V.Hebsur	V.Hebsur	V.Hebsur	V.Hebsur	V.Hebsur	V.Hebsur	V.Hebsur	V.Hebsur
2	Ms.N. S. L. Aparna	N.S.L.A	N.S.L.A	N.S.L.A	N.S.L.A	N.S.L.A	N.S.L.A	N.S.L.A
3	Ms.S.Srilakmshmi Durga	S.S.Du	S.S.Du	S.S.Du	S.S.Du	S.S.Du	S.S.Du	S.S.Du
4	Dr. A Srinivasa Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad
5	Mr.M.V.Raju	Raju	Raju	Raju	Raju	Raju	Raju	Raju
6	Mr. P.Padma Rao	w	w	w	w	w	w	w
7	Mr.R.V.Ramana	Ru	Ru	Ru	Ru	Ru	Ru	Ru
8	Mr. P.S.R.Ravi Teja	PSR	PSR	PSR	PSR	PSR	PSR	PSR
9	Mr.P.V.S.J.Yeswanth	P.V.S.J.	P.V.S.J.	P.V.S.J.	P.V.S.J.	P.V.S.J.	P.V.S.J.	P.V.S.J.
10	Mr.A.Pradhan Kumar	A.P.K	A.P.K	A.P.K	A.P.K	A.P.K	A.P.K	A.P.K
11	Dr.Bala murali krishna	B.K	B.K	B.K	B.K	B.K	B.K	B.K
12	Mr.P.Palavi	Palavi	Palavi	Palavi	Palavi	Palavi	Palavi	Palavi
13	Mr.Meena	Meena	Meena	Meena	Meena	Meena	Meena	Meena
14	Mr.Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta	Manikanta
15	Dr.Rajani	Rajani	Rajani	Rajani	Rajani	Rajani	Rajani	Rajani
16	Mr.V.Mohan vamsi	V.M.V	V.M.V	V.M.V	V.M.V	V.M.V	V.M.V	V.M.V
17	Ch.sonali sri durga	S.D	S.D	S.D	S.D	S.D	S.D	S.D
18	Ms.Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi	Meenakshi
19	Mr.P. Balakrishna	P.Bal	P.Bal	P.Bal	P.Bal	P.Bal	P.Bal	P.Bal
20	Mr.Subani	S	S	S	S	S	S	S
21	Dr.Nalini	N	N	N	N	N	N	N
22	Mr.Vasundra	Vasundra	Vasundra	Vasundra	Vasundra	Vasundra	Vasundra	Vasundra
23	Mr.Adhi Narayana	A.N	A.N	A.N	A.N	A.N	A.N	A.N
24	Dr.Murali Mohan	M.M	M.M	M.M	M.M	M.M	M.M	M.M
25	Mr.Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay	Vijay
26	Ms.Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa	Manasa
27	Mr.Manoju	Manoju	Manoju	Manoju	Manoju	Manoju	Manoju	Manoju
28	Mr.Ravi Kanth	Ravi.kanth	Ravi.kanth	Ravi.kanth	Ravi.kanth	Ravi.kanth	Ravi.kanth	Ravi.kanth
29	Ms.Ganga ram	G.R	G.R	G.R	G.R	G.R	G.R	G.R



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Civil Engineering

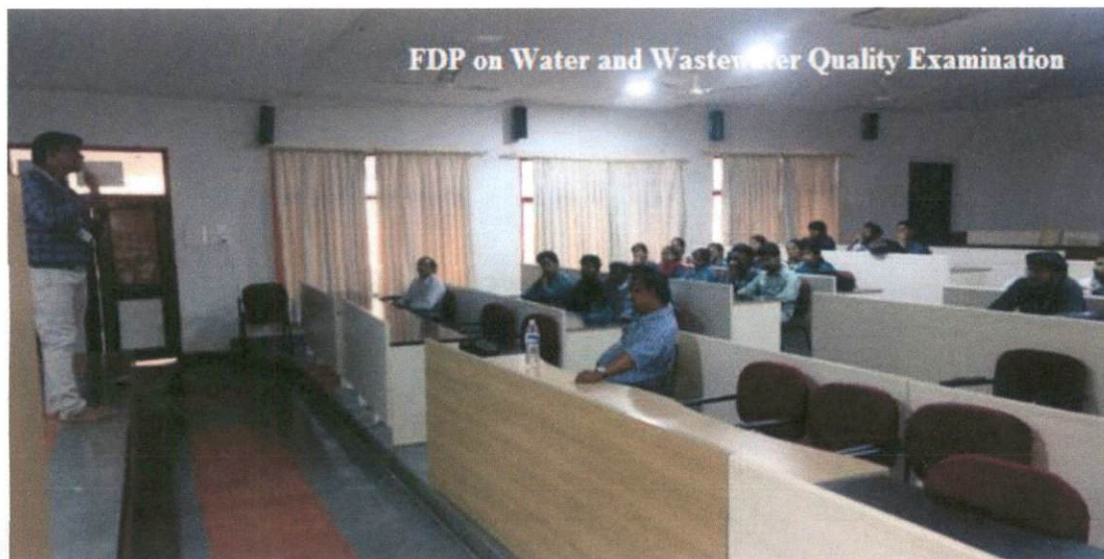
Name of the program: FDP on Water and Wastewater Quality Examination

Registration Fee: 200/-

Registration Form

8.10.2015

S.No	Name of the participants	College/University	Signature
1	Dr. Almelu Mangamma V.Hebsur	Vignan's University	U. Hebsur
2	Ms.N. S. L. Aparna	Vignan's University	Aparna
3	Ms.S.Srilakshmi Durga	Vignan's University	Srilakshmi
4	Dr. A Srinivasa Prasad	Vignan's University	Srinivasa Prasad
5	Mr.M.V.Raju	Vignan's University	MP
6	Mr. P.Padma Rao	Vignan's University	W
7	Mr.R.V.Ramana	Vignan's University	Ramana
8	Mr. P.S.R.Ravi Teja	Vignan's University	Teja
9	Mr.P.V.S.J.Yeswanth	Vignan's University	Yeswanth
10	Mr.A.Pradhan Kumar	Vignan's University	Pradhan
11	Dr.Bala murali krishna	R.V.R&J.C	Bala
12	Mr.P.Palavi	KHIT	Palavi
13	Mr.Meena	KITS,Guntur	Meena
14	Mr.Manikanta	KITS,Guntur	Mani
15	Dr.Rajani	M.B.T.S polytechnic college	Rajani
16	Mr.V.Mohan vamsi	LBRCE	V.Mohan
17	Ch.sonali sri durga	Vignan Lara Institute of Technology	Sonali
18	Ms.Meenakshi	Narasaraopeta Institute of Technology	Meenakshi
19	Mr.P. Balakrishna	Narasaraopeta College of Engineering	Balakrishna
20	Mr.Subani	Amara Institute of Technology	Subani
21	Dr.Nalini	A.M.Reddy Institute of Technology	Nalini
22	Mr.Vasundra	Bapatla Engineering College	Vasundra
23	Mr.Adhi Narayana	VVIT	Adhi
24	Dr.Murali Mohan	NVRCE	Murali
25	Mr.Vijay	TEC	Vijay
26	Ms.Manasa	NVRCE	Manasa
27	Mr.Manoju	VVIT	Manoju
28	Mr.Ravi Kanth	Govt Polytechnic College	Ravi
29	Ms.Ganga ram	Govt Polytechnic College	Ganga



About the Institution

Vignan's Foundation for Science, Technology & Research is private multidiscipline Deemed to be University of central province of Andhra Pradesh. Situated in rural area, it is engaged in providing quality education with meaningful research orientation and industry driven curriculum at UG, PG and Doctoral levels, to produce competent professionals & worthy citizens with deep social concerns. It aims at inculcating ethical values and at creating awareness about the society. The mission of the University is to provide high quality administrative and student services and to create real value to the society by training the students to compute and achieve their cherished goals.

About the Department of Civil Engineering

The Department of Civil Engineering at Vignan's was established in 2008 and it is committed to research and development in Civil Engineering. The vision of the department is to give an exposure to the budding civil technocrats to various challenges in the profession. The principal educational objective of our department is to provide the students, fundamental knowledge and the skills needed to resolve the problems related to the construction and maintenance of infrastructure in harmony with the society and the environment.

The Department also offers an M.Tech Degree Program in Structural Engineering. Research Scholars are also pursuing their Ph.D research, in many relevant and advanced areas of Civil Engineering.

Successful Civil Engineering graduates are creative, analytical, and communicative and possess problem solving skills. With these qualities, our graduates not only develop careers as high quality practicing engineers, but are also sought after by top companies for their potential in management, finance, consulting and other key positions.

ABOUT THE PROGRAMME

Structure engineering applies scientific and technical knowledge to provide economical and efficient analysis, design & construction of various structure be it, residential, multi-storeyed buildings, hospitals, large span halls, off shore structures, bridges, chimney, silos & other uncountable structure that meets societal needs while maintaining compatibility with environmental, energy and safety goals. Structure engineering is broad branch of civil engineering which has also concerned with Geotechnical engineering, Earthquake engineering, Material engineering, Mathematics & computer engineering too. The primary goal of this short term course is to provide the participants with an in-depth understanding on recent trends of research & upcoming area of Structural Engineering and thereby this knowledge be imparted to the next level i.e. students community.

Course Objectives

- Provide comprehensive knowledge to the learners on Disaster Preparedness, Mitigation & rehabilitation.
- Enable the learner to carry out risk assessment & vulnerability analysis.
- Generate community awareness & strengthen institutional mechanism for community mobilization & participation in Disaster Management

CHIEF PATRONS

Dr. L.Rethaiah

Chairman, Vignan's Group

Sri L.Sri Krishna Devarayalu

Vice-Chairman, Vignan's Group

PATRONS

Dr. Ramamurthy Naidu

Chancellor

Dr. C. Thangaraj

Vice-Chancellor

Cmdr. Dr. M.S. Raghunathan

Registrar

WORKSHOP CHAIRMAN

Dr. P.Perumal

Professor, VFSTR

COORDINATOR

Dr. K. Jagadeesan,

Professor, VFSTR

CO-COORDINATOR

Mr.BattaJayanagasatish, Asst.

Professor, VFSTR

TREASURER

Mr.P. Rajesh

Asst. Professor, VFSTR



REGISTRATION FORM

Name:

Gender:

Designation:

Organization:

Address:.....

.....

.....

.....

.....

Mail Id:

Telephone/Mobile:.....

Qualification:

Experience.....Yrs.

Registration Fee Details:

Date:...../...../.....

REGISTRATION FEE

The registration fee is ₹200/- which includes lunch and tea during the program. No TA/DA or lodging will be provided. A certificate of participation would also be provided to the participants.

Resource Person

Dr. Chava Srinivasa Rao
Professor,
Department of Civil Engineering,
V. R. Siddhartha College of
Engineering
Vijayawada.



VIGNAN'S

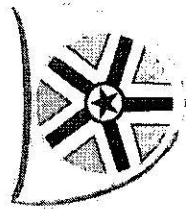
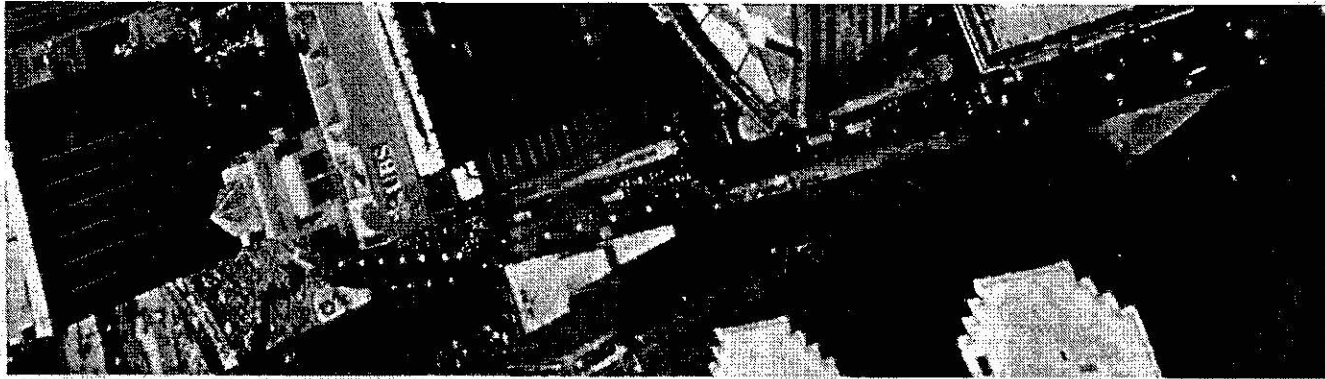
Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

SHORT-TERM TRAINING PROGRAMME ON DISASTER MANAGEMENT 11 -17TH APRIL 2016

**Department of Civil
Engineering**



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

CERTIFICATE OF PARTICIPATION

This is to certify that

of "Vignan's Foundation for Science Technology and Research" has participated in Short-Term Training Programme on "Disaster Management" from 11th April 2016 to 17th April 2016 organized by Department of Civil Engineering, Vignan's Foundation for Science Technology and Research, Vadlamudi, Guntur Dist., Andhra Pradesh.

1.Name of the program: STTP on Disaster Management

2.Date of the program: 11-04-2016 to 17-04-2016

3.Description: -

Structure engineering applies scientific and technical knowledge to provide economical and efficient analysis, design & construction of various structure be it, residential, multi-storeyed buildings, hospitals, large span halls, off shore structures, bridges, chimney, silos & other uncountable structure that meets societal needs while maintaining compatibility with environmental, energy and safety goals. Structure engineering is broad branch of civil engineering which has also concerned with Geotechnical engineering, Earthquake engineering, Material engineering, Mathematics & computer engineering too. The primary goal of this short term course is to provide the participants with an in-depth understanding on recent trends of research & upcoming area of Structural Engineering and thereby this knowledge be imparted to the next level i.e. students community.

Disaster means a catastrophe, mishap, calamity or grave occurrence in any area, arising from natural or manmade causes, or by accident or negligence which results in substantial loss of life or human suffering or damage to, and destruction of, property, or damage to, or degradation of, environment, and is of such a nature or magnitude as to be beyond the coping capacity of the community of the affected area (definition according to Disaster Management Act 2005, Government of India).

Course Objectives

- ✦ Provide comprehensive knowledge to the learners on Disaster Preparedness, Mitigation & rehabilitation.
- ✦ Enable the learner to carry out risk assessment & vulnerability analysis.
- ✦ Generate community awareness & strengthen institutional mechanism for community mobilization & participation in Disaster Management
- ✦ Develop communication skills for Disaster Preparedness Create greater awareness about effective Disaster in various emergency situations
- ✦ Equip learners with tools for meeting emergency medical requirement.

Course Content

- ✦ Physics and various types of disasters occurring around the world
- ✦ Extent and damaging capacity of a disaster
- ✦ Study and understand the means of losses and methods to overcome /minimize it
- ✦ Role of individual and various organizations during and after disaster
- ✦ Application of GIS in the field of disaster management
- ✦ Emergency government response structures before, during and after disaster
- ✦ Early warning and vulnerability assessment for natural disasters in India

4.Photo: -



Photograph of FDP

Registration Fee: 200/-

Registered Amount: 5400/-

K. Gagadeesan
Coordinator

A.V. Hebbar
Head
Department of Civil Engineering
Vignana's University
Vadlamudi, Guntur-522 213



STTP on Disaster Management
Lecture by Dr. C.S Rao



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Civil Engineering

Name of the program: STTP on Disaster Management

Attendance Sheet

S.No	Name of the participants	Signature						
		11/4/2016	12/4/2016	13/4/2016	14/4/2016	15/4/2016	16/4/2016	17/4/2016
1	Mr.B.Bhaskar Singh	BB	BB	BB	BB	BB	BB	BB
2	Mr.U.Sivaramakrishna	Siva	Siva	Siva	Siva	Siva	Siva	Siva
3	Mr.M.Anirudh	A	A	A	A	A	A	A
4	Mr.A.Kotaiiah	A	A	A	A	A	A	A
5	Mr.T.C.S. Krishna	krtshn	krtshn	krtshn	krtshn	krtshn	krtshn	krtshn
6	Mr.Dhananjay Kumar	D	D	D	D	D	D	D
7	Mr.P.V.Koteswara Rao	PKR	PKR	PKR	PKR	PKR	PKR	PKR
8	Mr.P. Rajesh	PR	PR	PR	PR	PR	PR	PR
9	Mr.Aseem tigga	AT	AT	AT	AT	AT	AT	AT
10	Mr.Polu Satish	S	S	S	S	S	S	S
11	Mr.Batta Jayanagasatish	BJ	BJ	BJ	BJ	BJ	BJ	BJ
12	Dr. P.Perumal	P	P	P	P	P	P	P
13	Dr. K. Jagadeesan	J	J	J	J	J	J	J
14	Mr.V.Vijaya lakshmi	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak
15	Mr.A.Venkatarao	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat	Venkat
16	Mr.V.Vijaya lakshmi	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak	V.V.Lak
17	Mr.P.Vasu babu	Babu	Babu	Babu	Babu	Babu	Babu	Babu
18	Ms.G.banumati	G	G	G	G	G	G	G
19	Ms.P.Neeraja	P	P	P	P	P	P	P
20	Mr.V.Vamsi	V.V	V.V	V.V	V.V	V.V	V.V	V.V
21	Ms.Sd.Habibunisa	Habi	Habi	Habi	Habi	Habi	Habi	Habi
22	Mr.P.Vasu babu	Vasu	Vasu	Vasu	Vasu	Vasu	Vasu	Vasu
23	Ms.G.Banumati	GN	GN	GN	GN	GN	GN	GN
24	Ms.P.Neeraja	Neeraj	Neeraj	Neeraj	Neeraj	Neeraj	Neeraj	Neeraj
25	Mr.V.Vamsi	V.V	V.V	V.V	V.V	V.V	V.V	V.V
26	Krishna Vamsi	KV	KV	KV	KV	KV	KV	KV
27	Bala krishna	CB	CB	CB	CB	CB	CB	CB

A short term training programme on
"Total Station"
April 11th – 20th, 2015

Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence: _____

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : **April 2nd, 2015**

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
"Total Station"
April 11th – 20th, 2015



Organized

by

Department of Civil Engineering



**Vignan'S Foundation for Science,
Technology and Research (VFSTR)**

(Deemed to be University),

Guntur -Tenali Rd, Vadlamudi,
Andhra Pradesh 522213

Training program for Non-teaching staff on
TOTAL STATION

April 11th – 20th, 2015

At

Surveying Lab, AFF-15

Resource Person: Mr. P. Padma Rao

Coordinator: Mr. Pradan kumar



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

Building young India

DEPARTMENT OF CIVIL ENGINEERING
VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH
VADLAMUDI
GUNTUR – 522 213, ANDHRA PRADESH, INDIA

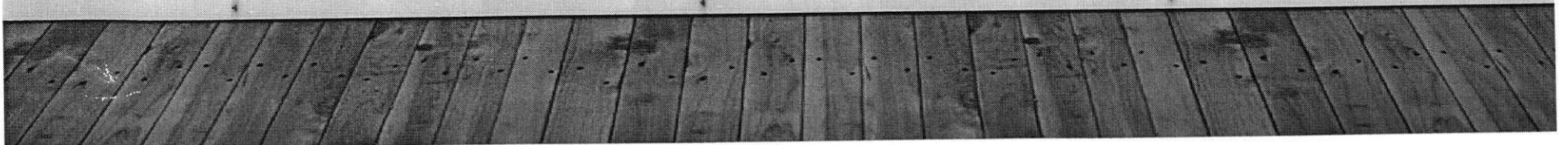
**A short-term training programme on
“Total Station”
April 11th – 20th, 2015**

Certificate of Participation

This is to certify that **Mr.B.Chintaiah** of **VFSTR** has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Road, Vadlamudi, Andhra Pradesh, India.

Head of the Department

CONVENER





Name of the program: A short term training programme on “Total Station”

[illegible]

Name of the program: - A short term training programme on "Total Station"

Date of the program: - 11-04-2015 to 20-04-2015

Description:-

Civil Engineering projects are enormously needy on land surveyors to provide precise and timely site information. That is the reason why Total Station equipment is preferred by professionals. This training program gives you on-field experience of Total Station followed by project analysis using software mapping tools.

Although surveying techniques have always played a primary role in collecting data for mapping, recently new instruments and methods for data capture and processing have introduced the chance to increase the mass and the variety of achievable information. Nowadays real time monitoring systems based on robotic total stations and GPS, digital photogrammetric techniques, high resolution satellite imagery, satellite, airborne and terrestrial laser scanners device are able to give a set of powerful tools for the geometric surveying and modelling.

- Participants will be given hands on experience in using Total Station. They will be working in teams and perform survey operations using Total Station for a particular area
- Topographic survey using closed traverse method
- Downloading the data from Total Station to computer and adjustment
- Remote height calculation
- Area Calculation
- Setting out of foundation
- Contour Preparation
- Volume Calculation
- Layout Preparation

Pradankumar
Coordinator

Head
Department of Civil Engineering
Vignani's University
Vadlamudi, Guntur-522 213

A short term training programme on "Total Station"



A short term training programme on
"Adobe Photoshop"
May 20th – 30th, 2015
Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence: _____

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : May 18th, 2015

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
**"Geo - Technical Engineering
Equipment's"**
May 20th – 30th, 2015



Organized

by

Department of Civil Engineering



Vignan'S Foundation for Science,
Technology and Research (VFSTR)
(Deemed to be University),
Guntur -Tenali Rd, Vadlamudi,
Andhra Pradesh 522213

A short term training programme on
Geo - Technical Engineering Equipment's

May 20th – 30th, 2015
at

Geo-technical Engineering Lab, AGF-08

Resource Person: Ms.S.S.L Durga

Coordinator: Ms. P.N.S Pavani



VIGNAN'S
Foundation for Science, Technology & Research
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Building young India

DEPARTMENT OF CIVIL ENGINEERING
VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH
VADLAMUDI
GUNTUR – 522 213, ANDHRA PRADESH, INDIA.

A short-term training programme on
"Geo - Technical Engineering Equipments"
May 20th – 30th, 2015

Certificate of Participation

This is to certify that **Mr.B.Chintaiah** of **VFSTR** has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Road, Vadlamudi, Andhra Pradesh, India.

Head of the Department

CONVENER

Name of the program:- A short term training programme on "Geo - Technical Engineering Equipment's"

Date of the program:- 20-05-2015 to 30-05-2015

Description :-

Soil is one of the oldest forming structures that our planet is formed from. Soil is a loose rocky material that is vastly used in the construction industry. Hence, it is very important to test the ground soil before construction and to know the type and classification of the soil before any project.

The type of soil can be identified by several parameters one of which the percentage of clay, silt or sand found in its composition.

This classification will determine the characteristics of the soil used in the civil engineering project.

Other physical parameters such as moisture content, shear strength, elasticity, specific gravity, density, degree of compaction, penetration resistance, consistency, bearing capacity, hydraulic conductivity, permeability and consolidation can effect the soil characteristics and behavior during construction.

The testing equipment described in this section, are carefully designed and manufactured to the highest international standard, necessary to achieve accurate and repeatable results in testing soil material.

The principle of soil mechanics requires the use of standard testing methods offered by our range of equipment and used by trained and qualified engineers and technicians.

- To enhance the technical skills
- Usage of real time equipment's applications and its importance

P.N.S. Pavani
Co-ordinator

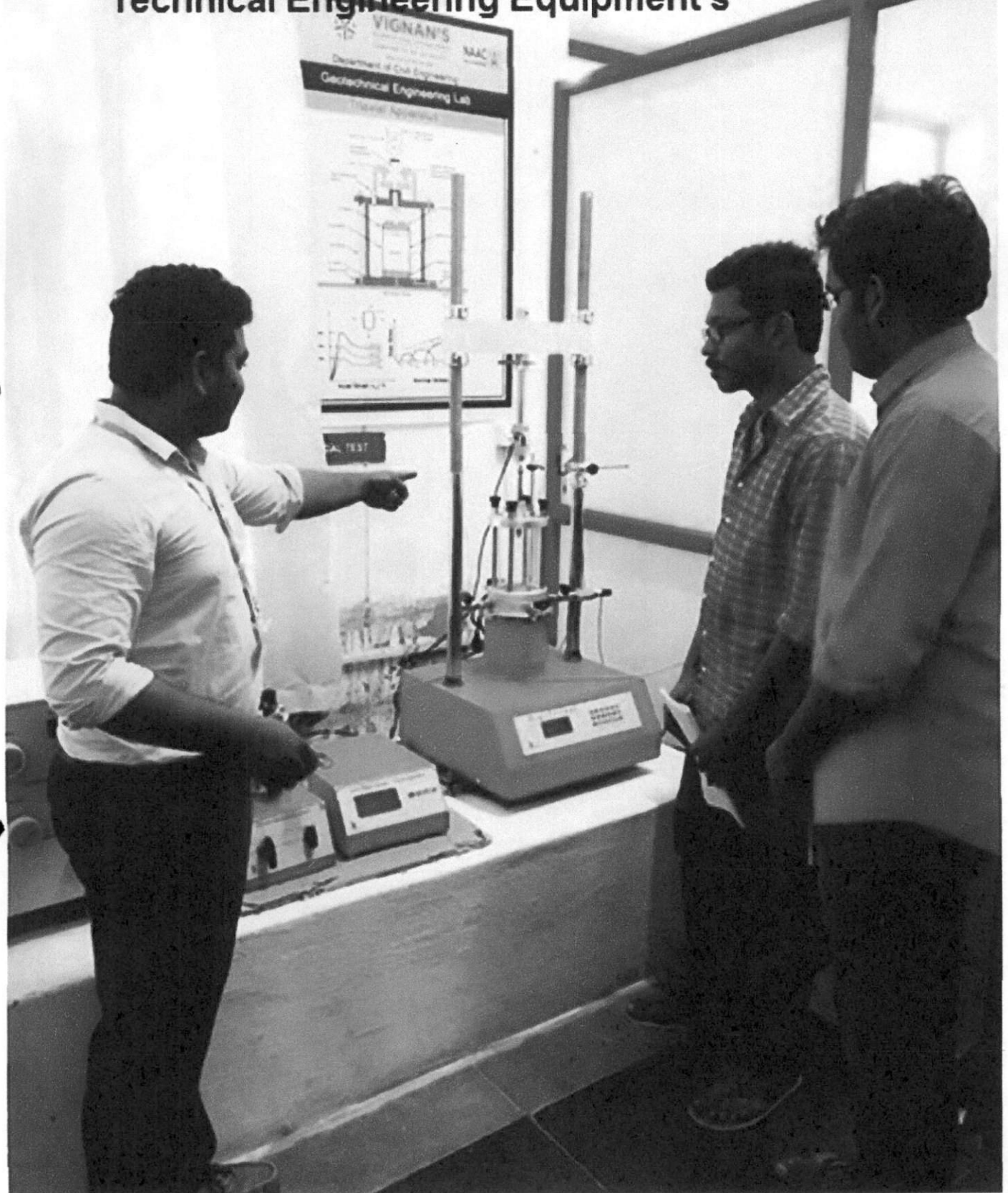
WJ
Head
Department of Civil Engineering
Vignan's University
Vadlamudi, Guntur-522 213



Name of the program: A short term training programme on “Geo - Technical Engineering Equipment’s”

Attendance Sheet		Signature										
S.No	Name of the participants	5/20/2015	5/21/2015	5/22/2015	5/23/2015	5/24/2015	5/25/2015	5/26/2015	5/27/2015	5/28/2015	5/29/2015	5/30/2015
1	Mr.B.Chintaiah											
2	Mr.Ch.Phaneendra Kumar											
3	Mr.B.Anil Kumar											
4	Mr.Ravindra											
5	Mr.Koti											

A short term training programme on "Geo - Technical Engineering Equipment's"



A short term training programme on
"AutoCAD"

November 10th – 18th, 2015

Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence:

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : **October 30th, 2015**

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
"AutoCAD"

November 10th – 18th, 2015



Organized

by

Department of Civil Engineering



**Vignan'S Foundation for Science,
Technology and Research (VFSTR)**

(Deemed to be University),

Guntur -Tenali Rd, Vadlamudi,

Andhra Pradesh 522213

Training program for Non-teaching staff on

AUTOCAD

November 10th – 18th, 2015

at

Structural Engineering Simulation Lab, AFF-08

Resource Person: Mr.P.Rajesh

Coordinator: Mr. P.Sathish



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VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH
VADLAMUDI
GUNTUR – 522 213, ANDHRA PRADESH, INDIA

A short-term training programme on
"AutoCAD"
November 10th – 18th, 2015

CERTIFICATE OF PARTICIPATION

This is to certify that Mr.B.Chintaiah of VFSTR has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Road, Vadlamudi, Andhra Pradesh, India.

HEAD OF THE DEPARTMENT

CONVENER



Name of the program: A short term training programme on "AutoCAD"

Attendance Sheet		Signature								
S.No	Name of the participants	11/10/2015	11/11/2015	11/12/2015	11/13/2015	11/14/2015	11/15/2015	11/16/2015	11/17/2015	11/18/2015
1	Mr.B.Chintaiah									
2	Mr.Ch.Phaneendra Kumar									
3	Mr.B.Anil Kumar									
4	Mr.Ravindra									
5	Mr.Babu rao									
6	Mr.Koti									

Name of the program: - A short term training programme on "AutoCAD"

Date of the program: - 10-11-2015 to 18-11-2015

Description: - AutoCAD is the main basic CAD drafting course for all engineering students. With help from AutoCAD students can increase their knowledge in engineering drawings in their respective field. Engineering Students can do the short-term course on AutoCAD, Pro/e, Catia, Uni-Graphics during their study. These short-term course will help these students for making their career in designing field. AutoCAD is main basic things for every engineering student.

CAD means computer aided design and drafting in which you can make 2D and 3D drawings. AutoCAD was invented by Autodesk Inc in year 1982. AutoCAD is software which is used to make the drawings in the computer by giving the AutoCAD commands in the AutoCAD software. With the help of AutoCAD you can prepare the drawings very easily. You can produce any sort of drawings in this software. You can edit or modify any drawings as per their requirement.

AutoCAD is one of the most important subjects of civil engineering as it involves creating digital designs of structures. The system helps in creating error-free and precise structural designs that can enable space management and eco-friendly designs as well.

Autocad courses are very important for civil engineers and diploma holders who seek designing jobs or are looking for jobs in the Information Technology sector as Autocad software is one of the most important digital course in the civil engineering field. The programme also makes engineers ready for the master of design courses.

P. Sathish
Co-ordinator

Head
Department of Civil Engineering
Vignana's University
Vadlamudi, Guntur-522 213

A Short time training Programme on Auto CAD



A short term training programme on
"Adobe Photoshop"
January 13th – 20th, 2016
Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence: _____

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : **January 2nd, 2016**

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
"Adobe Photoshop"
January 13th – 20th, 2016



Organized

by

Department of Civil Engineering



**Vignan'S Foundation for Science,
Technology and Research (VFSTR)**

(Deemed to be University),

Guntur -Tenali Rd, Vadlamudi,
Andhra Pradesh 522213

A Short Term Training Programme on
Adobe Photoshop

January 13th – 20th, 2016
at

Structural Engineering Simulation Lab, AFF-08

Resource Person: Dr. A.V. Hebsur

Coordinator: Mr. M.V Raju



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DEPARTMENT OF CIVIL ENGINEERING

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY & RESEARCH

VADLAMUDI

GUNTUR – 522 213, ANDHRA PRADESH, INDIA.

A short-term training programme on
"Adobe Photoshop"
January 13th – 20th, 2016

Certificate of Participation

This is to certify that Mr. CH.Phaneendra Kumar of VFSTR has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Rd, Vadlamudi, Andhra Pradesh, India.

Head of the Department

CONVENER

Name of the program: - A short term training program on "Adobe Photoshop"

Date of the program: - 13-01-2016 to 20-01-2016

Description: - Photoshop is the leading digital image editing application for the Internet, print and other new media disciplines. It is embraced by millions of graphic artists, print designers, visual communicators, and regular people like you. Our Short_Term Photoshop_Training_Courses_is useful for learning new features in corporate.

Enrolling for Adobe Photoshop Course then you has a great chance to obtain complete control and knowledge over every aspect of photo editing, image editing, manipulation and retouching techniques. The Photoshop Training is also an asset to photography enthusiasts. By this Photoshop tool you manage, edit, and showcase all your photographs - quickly, powerfully and smoothly. The tool helps photographers work faster and more efficiently with one image, an entire shoot, or a large image library. Adobe Photoshop software is the industry standard in digital image editing. The knowledge of Photoshop is effective for photographers as well as designers. WinNsoft, DELHI provides you step by step each and every point from basics. We provide you more practice classes in Photoshop training

M. U. Raja
Coordinator

Head
Department of Civil Engineering
Vignana's University
Vadlamudi, Guntur-522 213



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(Est'd u/s 3 of UGC Act of 1956)

Department of Civil Engineering

Name of the program: A short term training program on "Adobe Photoshop" Examination

Attendance Sheet

S.No	Name of the participants	Signature							
		1/13/2016	1/14/2016	1/15/2016	1/16/2016	1/17/2016	1/18/2016	1/19/2016	1/20/2016
1	Mr.B.Chintaiah	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
2	Mr.Ch.Phaneendra Kumar	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
3	Mr.B.Anil Kumar	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
4	Mr.Ravindra	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
5	Mr.Baburao	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
6	Ms.Vasanthi	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
7	Ms.Devi	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch
8	Mr.Koti	Ch	Ch	Ch	Ch	Ch	Ch	Ch	Ch



A short term training program on "Adobe Photoshop"

2015-16

A short term training programme on
"MS Office"

April 15th – 23rd, 2016

Registration Form

Name: _____

Designation: _____

Department: _____

Organization: _____

Address for Correspondence:

Email: _____

Mobile Number: _____

Date: _____

Signature of the Applicant

ABOUT CIVIL DEPARTMENT

Department of Civil Engineering at Vignan University is committed to research and development in civil engineering. The vision of the department is to give an exposure to budding civil technocrats to various challenges in the profession. Our Department has excellent infra structure facilities, modern labs and fully furnished class rooms. Besides encouraging students to become proficient in their academic area, the department motivates them to participate in various personality enhancing activities. Department offers consultancy services and regularly organizes guest lectures. Many Civil Engineering companies are expected to visit and provide campus placements.

Who can attend?

Eligible Non-Teaching Faculties from Civil engineering and Various Inter-disciplinary departments too.

Registration Fee: Nil

Last Date for the Registration : April 2nd, 2016

Convenor & Resource Persons

Head & Faculties from Civil Engineering Department, VFSTR

Co-ordinators

1. Mr. M.V Raju
Asst. Prof-Civil,
VFSTR-Guntur
2. Mr.P. Padma Rao
Asst Prof-Civil,
VFSTR-Guntur

A short term training programme on
"MS Office"
April 15th – 23rd, 2016



Organized

by

Department of Civil Engineering



**Vignan'S Foundation for Science,
Technology and Research (VFSTR)**

(Deemed to be University),

Guntur -Tenali Rd, Vadlamudi,
Andhra Pradesh 522213

A shortrem Training Programme on

MS OFFICE

April 15th – 23rd, 2016

at

Structural Engineering Simulation Lab,AFF-08

Resource Person: Dr.A.VHebsur

Coordinator: Mr. P.Padma Rao



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VADLAMUDI

GUNTUR – 522 213, ANDHRA PRADESH, INDIA



A short term training programme on

"MS Office"

April 15th – 23rd, 2016

Certificate of Participation

This is to certify that Mr.B.Chintaiah of VFSTR has participated in the training programme organized by CIVIL ENGINEERING DEPARTMENT, Vignan's Foundation for Science, Technology and Research (VFSTR), Guntur -Tenali Road, Vadlamudi, Andhra Pradesh, India.

Head of the Department

CONVENER

Name of the program: - A short term training programme on "MS Office"

Date of the program: - 15-04-2016 to 23-04 -2016

Description:-

Microsoft Office is a suite of desktop applications, servers and services for Microsoft Windows, Mac OS, and other popular operating systems. It was first launched in 1988 as a bundle of three applications: Microsoft Word, Excel, and PowerPoint.

The skills imparted through this programme will orient the student to newer skills that are most sought after in today's jobs like supporting critical decisions through data analysis with MS Office Excel or preparing Word documents for use of multiple stakeholders in an organization or preparing high impact presentations for the management or stakeholders. The programme will acquaint the student with the ever evolving computing world, providing good understanding of working on the Internet and using search engines. In addition, it also imparts training in Web Page Designing with HTML3, CSS and JavaScript.

The course helps participants to use MS Word like a pro – it teaches them how to formatting text, insert video, assign themes, create table, generate index, create Bibliography, reviewing documents, and so on. The training on MS Excel helps participants use spreadsheets effectively. The participants will know how to use cell data, format data, create worksheets, analyze data, create different types of charts, understand, apply and create formulas for calculations, etc.

1. Creating professional documents using Word
2. Management and archival of documents
3. Working with an Excel worksheet
4. Modifying and formatting a worksheet
5. Performing calculations using Excel
6. Developing a workbook and printing workbook contents
7. Presenting data using charts
8. Creating and managing presentation using Power Point
9. Communicate and manage tasks, contacts and appointments using Outlook

P. Padma Rao
co-ordinator

W
Head
Department of Civil Engineering
Vignana's University
Vadlamudi, Guntur-522 213



VIGNAN'S
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UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Civil Engineering

Name of the program: A short term training programme on "MS Office"

Attendance Sheet

Attendance Sheet											
S.No	Name of the participants	Signature									
		4/15/2016	4/16/2016	4/17/2016	4/18/2016	4/19/2016	4/20/2016	4/21/2016	4/22/2016	4/23/2016	
1	Mr.B.Chintaiah										
2	Mr.Ch.Phaneendra Kumar										
3	Mr.B.Anil Kumar										
4	Mr.Ravindra										
5	Mr.Babu rao										
6	Ms.Vasanthi										
7	Ms.Devi										
8	Mr.Koti										

15-16

A short term training programme on "MS Office"





DST Sponsored
2015 First
INTERNATIONAL CONFERENCE
on
**EMERGING AREAS OF
POWER ELECTRONIC
APPLICATIONS**
(ICEAPEA-2015)

24th & 25th April, 2015

*All registered papers will be published
in Scopus cited journal IJCTA in Vol.8,
No.1 2015 (Special Issue)*



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(Estd u/s 3 of UGC Act of 1956)

Organized by :

Department of
Electrical & Electronics Engineering

Vadlamudi, Guntur Dist. - 522 213,
Andhra Pradesh, India. Tel : 0863 2344700, Extn : 171
www.vignanuniversity.org



About University

Vignan's University is a deemed university (near Vijayawada) in the Guntur district, Andhra Pradesh, India. It is in the rural area of Vadlamudi, on the southeastern part of Guntur City, a major centre with several colleges preparing students towards prominent entrance exams. The institution began as Vignan's Engineering College in 1997 and was affiliated with Jawaharlal Nehru Technological University, Hyderabad. As a part of the Vignan's Foundation for Science, Technology & Research (VFSTR). It was conferred the status of a Deemed University by the University Grants Commission, Government of India in 2008 and was renamed as Vignan's University. The splendid avenue, imposing buildings and sprawling playgrounds and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering studies. The university offers nearly 16 undergraduate courses and 15 post graduate specialisations in engineering discipline. It is striving to promote high standards in technical education to aid in the career building of many students.

About EEE Department

The department of EEE, established in the year 1999 with an intake of 40 students has now grown exemplarily with an admirable intake of 120 students. The department takes responsibility in organizing guest lectures, seminars, workshops and training programs with the help of engineers and academicians of national and international repute to help students, research scholars and faculty members to keep abreast with the latest developments in the field of EEE. Students are made to embolden future technology by encouraging them to think futuristic by catalyzing research and research related activities through the Research and Development (R&D) cell. As a result of the department's forthright Research activities, numerous students from the Department of EEE have placed their foot prints in many International and National Companies.

- Several projects in the department worth nearly Rs.1 crore have been funded by various reputed institutions like DST, MNRE, AICTE etc., and have been in the limelight for solving various social issues.
- The department is gifted with faculty members who did their post graduation from esteemed National & International institutions. They actively involved themselves in Research activities and their experience carves students to mould their technical knowledge in various fields.
- The Placement record of the department is excelling every year which includes both core and software related jobs.
- The department possesses an excellent and progressive academic record. The department has spacious class rooms and well-equipped laboratories.
- The Department Library serves as a gateway to promote R&D activities by providing the recent journals and Magazines.

Department activities / achievements in the current academic year

- EEE Students designed solar powered mini car in the campus which helps the faculty and visitors to roam in around Vignan's University.
- EEE Students had designed nearly 102 live project models in this academic year which helps them to improve their technical skills.
- Patent on Hybrid auto rickshaw was also filed by the faculty of EEE department.
- EEE students were trained in software courses which help them to perform well in campus selections.
- EEE students bag prizes in many technical events and extracurricular activities held in various universities.



About the Conference

Globalization today pervades almost every facet of human life, thanks to the emergence of new digital technologies. ICEAPEA-2015 is a comprehensive conference covering all the technologies of Power Electronics Engineering and its applications. The aim of the ICEAPEA-2015 is to gather scholars from all over India and abroad to present advances in the aforementioned fields and to foster an environment conducive to exchanging ideas and information. This conference will also provide a golden opportunity to develop new collaborations and meet experts on the fundamentals and on its applications in emerging areas. We believe inclusive and wide-ranging conferences such as ICEAPEA-2015 can have significant impacts by bringing together experts from the different and often separated fields of Electrical and Electronics creating unique opportunities for collaborations and shaping new ideas for experts and researchers.

The major advancing trends happening in this area of Electrical Engineering covering all its major areas like Power Electronics applications in Renewable Energy sources, Reliability Engineering, and Energy Management Systems. The potential areas are not just limited to these and they are just a broad outline of the range of the areas that are targeted to be covered in the conference.

Submission guidelines

Prospective authors are invited to submit manuscripts reporting original unpublished research and recent developments in the topics related to the conference. It is required that the manuscript follows the standard IEEE camera-ready format (IEEE standard format, double column, 10-point font in A4 size paper) not exceeding six pages. Submissions shall include title, abstract, keywords, author and affiliation with email address.

Target Audience: Academicians, Practicing engineers, Researchers from government research organizations/ corporate research centers, Ph.D scholars, M.Tech/MS students of Electrical Engineering, from all over the world.

IMPORTANT DATES

Paper submission deadline	: 25-03-2015
Notification of paper acceptance date	: 30-03-2015
Final Submission deadline	: 05-04-2015
Author registration ends by	: 05-04-2015
Conference dates	: 24 & 25-04-2015

All the registered papers of this conference will be published as a special issue in Scopus cited journal IJCTA in Vol.8, No.1 2015 (Special Issue).



CONFERENCE FEE : (Registration Fee)

Indian Delegates/Students	: Rs.5,000 / \$85
Foreign Delegates/Students	: Rs.8,000 / \$140
*Author registration deadline	: 02-04-2015

At least one unique author of each accepted paper has to register by 02-04-2015 in order for the paper to be included in the proceedings and journal. Refer to university website for further details.

Events in the Conference

- Oral Presentation
- Invited Talks
- Panel Discussion
- Product Exhibition

Technical topics of the Conference include but are not limited to

- Advanced power semiconductor devices
- Modelling, simulation, analysis, design and implementation of the application of power circuit components.
- Control and implementation of low and medium power converters.
- DSP based control of SMPS and applications.
- Control algorithms and intelligent techniques applied to power electronics
- Electromagnetic and thermal performance of electronic power converters and inverters
- Applications in motor drives, wind energy systems, solar, battery chargers, UPS and hybrid systems
- Application of power electronics in power systems such as FACTS, HVDC etc.

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Chairman, Vignan Group.

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Chancellor, VFSTRU, Vadlamudi

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Vice-Chancellor, VFSTRU, Vadlamudi

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Registrar, VFSTRU, Vadlamudi

Dr. V. Madhusudhan Rao
Dean, Engineering & Management, VFSTRU, Vadlamudi

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Kigali Institute of Science and Technology (KIST), Rwanda.

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Electrical & Computer Engineering,
University of Saskatchewan, Canada

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Assoc. Professor, Dept. of EEE, IIT Delhi

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Caledonian College of Engineering, Oman.

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Advisor, ERDA Mumbai

Dr. Sailesh Modi, Ph.D.,
Deputy Manager, ERDA Mumbai

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Professor, Dept. of EEE, IIT Khargapur

Dr. G. S. Raju, Ph.D.,
Former Director, IIT B.H.U., Varanasi

Dr. V. T. Soma Sekhar, Ph.D.,
Professor, Dept. of EEE, NIT, Warangal

Dr. G. Keshava Rao, Ph.D.,
Retd. Professor, IIT B.H.U., Varanasi

ORGANIZING COMMITTEE

Convener

Dr. G. Durga Sukumar,
Head of Department, EEE, VFSTRU, Vadlamudi

Department Mentor

Dr. Avireni Srinivasulu
Dean, R&D, VFSTRU, Vadlamudi

Coordinators

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Cell: +91-9642220687

Mr. J. Jithendranath, Asst. Prof.,
Cell: +91-9949537586

Mr. Ch. Narasimha Rao, Asst. Prof.,
Cell: +91-9160146421

For further details visit us at :
www.vignanuniversity.org

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH

Department of Electrical & Electronics Engineering

REPORT


24-04-2015

First International Conference on Emerging areas of Power Electronic Applications was inaugurated today grandly by the Vignan's University dignitaries and Chief Guest Dr. Dharmasa Pawar from Caladonian College of Engineering, OMAN. On this occasion the Chief Guest appraised the department of EEE for getting the grants from DST, New Delhi for this conference. He mentioned department of Electrical & Electronics Engineering should feel proud for getting recognition by the Department of science and technology. He congratulated the department for designing a Solar car where many power electronic components were used. He expects Vignan's University should grow upto 150 branches in future which is having 17 Engineering branches at present. He also suggested faculty to work in groups and achieve new heights in their careers. In his lecture about solar and wind energy in Oman, he explains how the dry countries like Oman is having many world class facilities because of continuous power supply. Dr. V. Madhusudhan Rao, Dean, Engineering & Management suggested the researches to improve the conductivity of the semiconductors by introducing organic polymers. Commodore Dr. M.S. Raghunadhan said that there is a need for energy management and expected that the researchers will concentrate on effective utilization of energy in a smart way. At the end of the inaugural event the conference proceedings were

released by the Vice chairman of Vignan University Mr. Lavu Sri Krishna Devarayalu and handover the Conference CD's to the chief guest and other dignitaries. Dr. Phaneendra kumar principal VLITS felicitated the guest on this occasion. Dr. Durga Sukumar, HoD EEE thanked the coordinators Ms.S.Suman and Mr.J.Jithendranath for successful planning and organization of this conference.

25-04-2015

First International Conference on Emerging areas of Power Electronic Applications was concluded on 25th April 2015. A total of 40 papers were presented and all the participants congratulated the organizing team and expressed the desire to further visit the University. The guest for the valedictory function was Dr. B. L. Narasimharaju Assistant Professor in Electrical Engineering from NIT, Warangal. All the participants expressed pleasure in respect of the content, delivery and presentations of all the topics covered during the programme and participants appreciated the efforts of the University officials for successful execution of the conference. The certificates to all the participants were presented by the guest Dr. B. L. Narasimharaju. The event concluded with presenting a memento to the guest by Convenor of the conference Dr G Durga Sukumar. Dr G Durga Sukumar congratulated the organizing team and thanked all the faculty members of the EEE department for successful completion of conferences without any hindrances.


Department of
Electrical & Electronics Engineering
VIGNAN'S UNIVERSITY
VADLAMUDI

PHOTOS



Inaugural Function of First International Conference on Emerging areas of Power Electronic Applications (EPEA)
 by Dr. G. Durga Sukumar, Dr. K. Phaneendra Kumar, Dr. V. Madhusudhan Rao, Dr. Dharmasa Pawar,
 Sri L. Srikrishnadeva Rayalu, Cmdr. M.S. Raghunadhan



Guest Dr. Dharmasa Pawar Speech at First International Conference on Emerging areas of Power Electronic Applications (EPEA) Inaugural function, Dais on Dr. G. Durga Sukumar, Dr. K. Phaneendra Kumar,
 Dr. V. Madhusudhan Rao, Cmdr. M.S. Raghunadhan

1st International Conference on
International Conference on Emerging areas of Power Electronic Applications
24-25 April, 2015

Organized by

Department of Electrical & Electronics Engineering

VFSTR, Vadlamudi, Guntur District, Andhra Pradesh - 522 213

Participants Details

S.No	Name of the Participant	Signature
1	A. Sriharibabu	
2	Bala Krishna. K	
3	G. Durga Sukumar	
4	G.Srinivasa Rao	
5	N.Bharath Kumar	
6	Uma Maheswara Rao	
7	Polamraju V.S.Sobhan	
8	M. Subba Rao	
9	S. Suman	
10	J. Jithendranath	
11	Rachananjali.K	
12	A.R.Vijay Babu	
13	Divya Manukonda	
14	A.Raghunath	
15	A.Yamuna Pravallika	
16	ABDUL KALAM.SHAIK	
17	Arshiya Parveen	
18	Atul Prakash	
19	B. Mahendranath	
20	B. Murali Mohan Babu	
21	B.KIRAN KUMAR	
22	C.V. Surya Deep	
23	D. Kishore Kumar	
24	D. Yakobu	
25	D.N.S. Saranya	
26	Durga R	
27	G.Kishor	
28	G.Muthulakshmi	
29	G.Ravi kumar	
30	Gajendra Kant Mishra	
31	Gangavarapu.Mamatha	

S.No	Name of the Participant	Signature
32	K.Santhosh Kumar	Santhosh
33	K.sindhu	Sindhu
34	Kosuri Venkatesawarao	K. Venk
35	M.LOKESH	Lokesh
36	M.SANDEEP KUMAR	Sandeep
37	Manoj Kumar Reddy	Manoj Kumar
38	Mohammed Annas	Mohammed
39	Mr.J.E.Muralidhar	Muralidhar
40	Mr.J.Sreeranganayakulu	Sreeranganayakulu
41	Mr.Nagaiah Mandava	Nagaiah
42	Mrs.K. Radha Rani	Radha Rani
43	N DEVI PRIYA	N. Devi Priya
44	N.Ravi Sankar Reddy	N.R. Sankar
45	P.Suneel Raju	P. Suneel Raju
46	P.V.S.M. Krishna	P.V.S.M. Krishna
47	Paul P Mathai	Paul P Mathai
48	Razia Sultana	Razia Sultana
49	Avireni Srinivasulu	Avireni Srinivasulu
50	Rosaiah Kanapala	Rosaiah Kanapala
51	S K Ghorai	S K Ghorai
52	S.Ravikanth	S.Ravikanth
53	Sk. Apsana Parveen	Sk. Apsana Parveen
54	Somnath Sengupta	Somnath Sengupta
55	Sravanthi Mamillapalli	Sravanthi Mamillapalli
56	Supraja Batchu	Supraja Batchu
57	T. Anil Kumar	T. Anil Kumar
58	T.V.Subramanyam	T.V. Subramanyam
59	Vishal Kumar	Vishal Kumar
60	VNSR.Murthy	VNSR.Murthy
61	Y.R. Tagore	Y.R. Tagore

REGISTRATION FORM

A Five Day Faculty Workshop on
**"Real Time Control of Electrical Machine
Drives with DSPACE and FPGA"**
June 1st to 5th, 2016

1. Participant's Name :
2. Qualifications & Experience :
4. Department :
5. Organization :
6. Address for Correspondence :
7. Phone (O) :
Mobile :
8. E-Mail :
9. Registration Fee : Rs. _____
D.D No., Date and Bank Details : _____
10. Accommodation : Yes / No : _____

DECLARATION

The information furnished above is true to the best of my knowledge.
I agree to abide by the rules and regulations governing the workshop.

Place:

Date: _____ Signature of the Applicant

SPONSORSHIP CERTIFICATE

This is to certify that Mr./Ms. _____
_____ is an employee of our
institution since _____ and is hereby sponsored by attend
the Faculty Workshop on **A Five Day Faculty Workshop** on
**"Real Time Control of Electrical Machine Drives with DSPACE
and FPGA"** at VFSTRU, Vadlamudi on **June 1st to 5th, 2016.**

Place:

Date: _____ Signature of the Sponsoring
Authority.(with seal)

ORGANISING COMMITTEE

Patron

Dr. C. Thangaraj

Vice-Chancellor, VFSTRU, Vadlamudi

Convener

Dr. G. Srinivasa Rao

Professor & Head of Department
EEE, VFSTRU, Vadlamudi

Coordinators

Mr. A. Srihari Babu,

Asst. Professor, Cell:8500330213

Mr. D.V.S.B. Chaitanya,

Asst. Professor, Cell:9581038234

Members

Dr. K. Alice Mary, Professor, VFSTRU, Vadlamudi

Mr. P.V.S. Sobhan, Assoc. Prof.

Mr. M. Subba Rao, Asst. Prof.

Mr. Ch.Umamaheswara Rao, Asst. Prof.

Mr. N. Narasimha Rao.Ch., Asst. Prof.

Mr. Bala Krishna K., Asst. Prof.

Mr. A.R. Vijay Babu, Asst. Prof.

Mr. A.Naveen Reddy, Asst. Prof.

Ms. K Rachananjali, Asst. Prof.

Mr. Ch. Saida Reddy, Asst. Prof.

Mr. B. Satish Babu, Asst. Prof.

Mr. J. Suresh, Asst. Prof.

Mr. M. Sandeep, Asst. Prof.

All correspondence may be addressed to:

Mr. A. Srihari Babu, Asst. Professor

Email: rtcem@vignanuniversity.org

Ph:0863-2344740,741, Mobile: 8500330213

**A Five Day
Faculty Workshop
on**

**"Real Time Control of
Electrical Machine Drives
with DSPACE and FPGA"**

June 1st to 5th, 2016.



Organized by...

**Department of
Electrical & Electronics Engineering**



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

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Phones : 0863-2344700, Extn.172, 173
www.vignanuniversity.org
Toll Free : 1800-425-2529

In Association with

DynaFusion
An ISO 9001:2008 Certified Company

ENTUPLE
TECHNOLOGIES

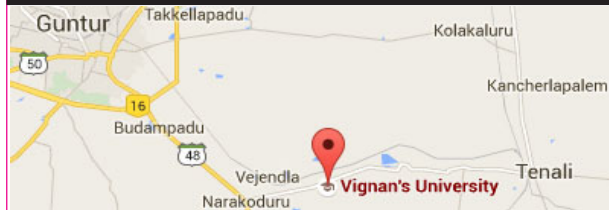
VIGNAN'S UNIVERSITY

Vignan's Foundation for Science, Technology & Research University is a NAAC 'A' Accredited and an ISO 9001:2008 Certified institution which is ranked among the top 100 Engineering Institutes across the country by National Institutional Ranking Framework (NIRF), Ministry of Human Resource Development (MHRD), Government of India. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali, the university is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred institutions for the aspirants of engineering studies. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. The University campus is Wi-Fi enabled and connected to the National Knowledge Network (NKN).

Dept. of ELECTRICAL ENGINEERING

The department of EEE, established in the year 1999 with an intake of 40 students has now grown exemplarily with an admirable intake of 120 students. The department takes responsibility in organizing guest lectures, seminars, workshops and training programs with the help of engineers and academicians of national and international repute to help students, research scholars and faculty members to keep abreast with the latest developments in the field of EEE. Students are made to embolden future technology by encouraging them to think futuristic by catalyzing research and research related activities through the Research and Development (R&D) cell. As a result of the department's forthright Research activities, numerous students from the Department of EEE have placed their foot prints in many International and National Companies.

ROUTE MAP



OBJECTIVE OF THE WORKSHOP

Nowadays a control strategy based on intuition and judgments has been emerged and is being fueled by recent advances in computing technologies. It has been given a collective name "Intelligent control" because of its performance, adaptability and simplicity.

The goal of this workshop is to enhance the knowledge and skill of faculty, students and industry professionals in the Rapid Control Prototyping (RCP) solutions to quickly develop, iterate and test control strategies in powerful hardware and comprehensive software tools for real-time applications. This workshop is also intended to give a complete hands on training on FPGA where control logic will be developed using schematic based design tool with dynamic software to monitor and analyze current and voltage waveforms with the ability to change control variables online.

WORKSHOP COVERS

- Architectures for intelligent control
- Modeling intelligent systems
- Mathematical analysis of intelligent & Hybrid systems
- Design techniques for intelligent controllers
- Machine learning / adaptive systems
- Knowledge-based and expert systems
- Multisensory fusion / integration
- Failure detection and identification
- Introduction to FPGA and FPGA based control solutions using schematic based Design
- Simple PWM generation and implementation in hardware
- Three phase sinusoidal PWM generation and implementation in hardware
- Open loop control of PMSM Motor using FPGA and implementation in hardware
- Closed loop current control of PMSM motor using FPGA and implementation hardware

RESOURCE PERSONS

RESOURCE PERSONS :

Dr. K. Siva Kumar, IIT Hyderabad

Dr. G. Durga Sukumar, Principal, VITS, Hyderabad

Mr. S. Srihari, Tech. Engineer, DynaFusion Pvt. Ltd., Bangalore

Mr. S. Rintu, Tech. Engineer, Entuple Tech. Pvt. Ltd., Bangalore

ELIGIBILITY:

Faculty members of Engineering / Polytechnic Colleges approved by AICTE / Researchers / Practicing Engineers / PG students and Ph.D scholars are eligible.

REGISTRATION :

Faculty from Institutions : Rs. 1,500/-

Scientists & Industrial participants : Rs. 2,000/-

PG students & Ph.D.Scholars : Rs. 1,000/-

Participants can register by sending the registration form along with Demand Draft in favour of "**VFSTR, General Funds**" payable at Guntur and it should reach on or before **28th May, 2016.**

To

Dr. G. Srinivasa Rao

Professor & HOD

Department of EEE

VFSTR University,

Vadlamudi – 522 213

Guntur (Dist), Andhra Pradesh

*Spot Registrations are available

For on line registration : <http://14.139.85.169/workshop>

- The registration fee includes Registration Kit, working lunch, tea and snacks during workshop.
- Accommodation will be provided on payment basis subject to availability.



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Established under 3 of JGC Act of 1956)

VADLAMUDI, Guntur District - 522 213

Department of Electrical & Electronics Engineering

Report on

Executive Development Program

On

Real Time Control of Electrical Machine Drives with FPGA& DSPACE

The Department of EEE of VFSTR University has organized 1 year Executive Development Program on "Real time control of Electrical Machine Drives with DSPACE and FPGA" in association with Dyna Fusion Pvt. Ltd., Bangalore and Entuple Pvt. Ltd., Bangalore.

DynaFusion Technologies Private Limited is an ISO 9001:2008 certified company which specializes in providing embedded control systems, mathematical modelling & simulation products and services to the Automotive, Aerospace, Industrial Automation, Robotics, Electric Drives, Medical Engineering and Academic sectors. Its forte lies in working with technologies such as modelling, rapid control prototyping, ECU autocoding, Hardware-in-Loop simulation and test automation. With over 18 years of experience in technical support, training and engineering services and branch offices in Delhi and Chennai, DynaFusion maintains very close relations with major OEMs, tier1 suppliers, academic and government organizations.

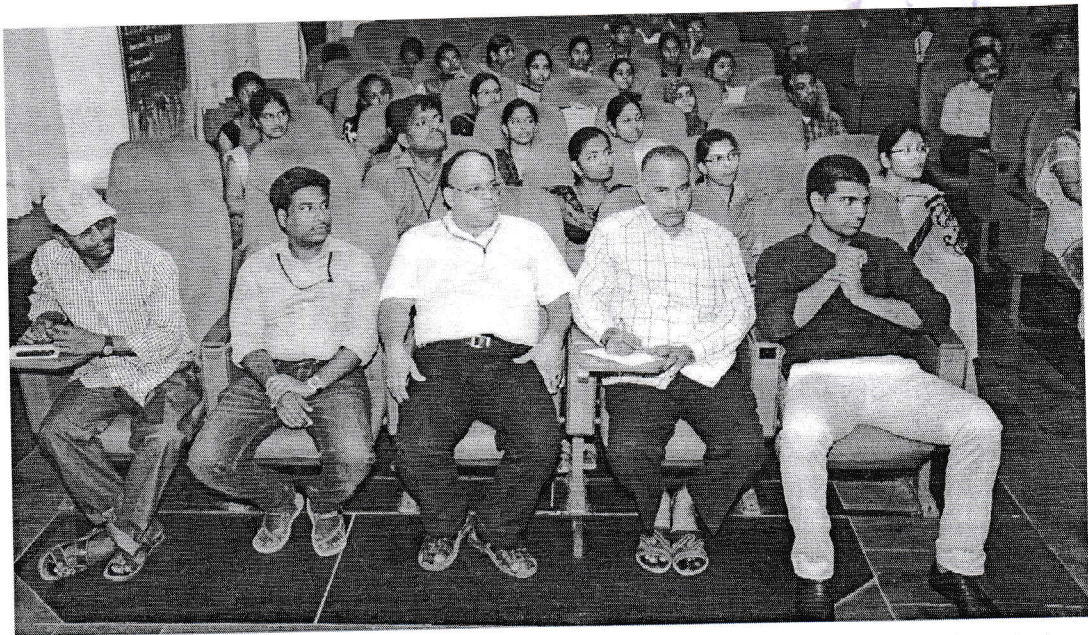
DynaFusion is the sole authorized distributor of dSPACE GmbH products in India. It is also a distributor of BTC Embedded Systems AG and Model Engineering Solutions GmbH products in India.

Head Quartered at Bangalore, India, Entuple Technologies was Founded on 1st January 2010 by professionals with a combined experience of over 80 years in the Electronics Industry. Combined from the words "Enable" and "n-tuple", **Entuple** is suggestive of enabling multi-dimensional possibilities and growth for our customers and all associates.

The management team with its experience in different sectors such as Telecommunication, Defence and Aerospace, Power & Utility OEMs, Research & Academia has joined together to build a world class team of **Next Generation Solution Enablers** in system design technologies. Partnering with technology leaders in such areas we also bring together a dynamic eco-system for our customers. Entuple is committed to bridge the ever growing gap in the industry by bringing in expertise to meet technological challenges by introducing cutting edge platforms, tools and solutions.

The EDP started with the introduction of DSPACE by Dr G Durga Sukumar and the generation of switching pulses using DSPACE software. After the introduction of DSPACE software, Mr S Sri Hari, Engineer Dyna Fusion focused the discussion on intelligent systems and the different machine learning adaptive systems. The different failure cases and methods to detect and rectify were discussed. The EDP was further continued by Mr M Subbarao regarding the modeling of power electronic converters and its realization by using DSPACE. Along with that real time implementation of transformation techniques and different MPPT techniques were also discussed. In addition to this the application of DSPACE to hybrid vehicles was covered by Dr G. Srinivasa Rao and the different energy management devices and how they can be realized using DSPACE. The last quarter was based on FPGA and the designing of different FPGA controllers. The EDP was aimed for research scholars, post graduate students and faculty member who are actively involved in research.

PHOTOS



Vice-Chairman Sri L. Srikrishnadevarayalu and Faculty Inon Guest Dr. K. Siva Kumar, IIT Hyderabad speech at Faculty workshop "Real Time Control of Electrical Machine Drives with dSPACE and FPGA" on 1st June 2016.

1st to 5th June, 2016

A FIVE DAY FACULTY WORKSHOP
ON
REAL TIME CONTROL OF ELECTRIC
MACHINE DRIVES WITH DSPICE AND

Objectives:

- Mathematical modelling of Hybrid systems
- Design techniques for intelligent controllers with DSPICE
- Introduction to FPGA and FPGA based control solutions using schematic based Design
- Three phase sinusoidal PWM generation implementation in hardware
- Closed loop current control of PMSM using FPGA and implementation hardware


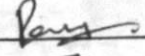
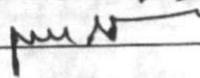
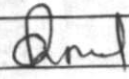
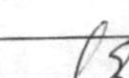
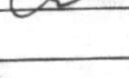
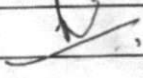


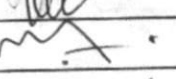
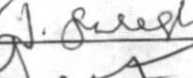
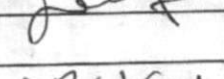
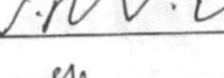
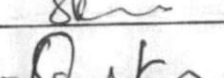
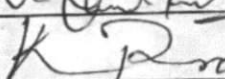
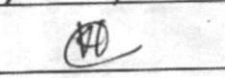
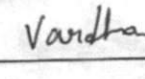

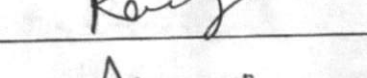

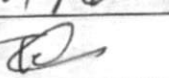
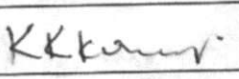
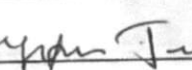





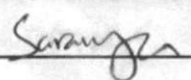
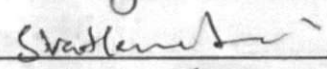
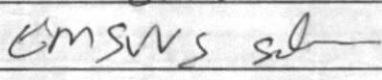
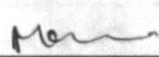
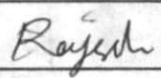
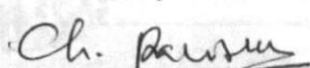
Madhusudhan Rao
Dean, EM, VJSTR University

Dr. G. Srinivasa Rao
Head, Electrical Engg.

2

V.F.S.T.R. UNIVERSITY :: VADLAMUDI
Department of Electrical and Electronics Engineering
A Five Day Workshop on "Real Time Control of Electrical
Machine Drives with DSPACE & FPGA"
Participant Sheet as on 01-06-2016

Sl. No	Name of the Faculty	Signature
1	Dr. G. Srinivasa Rao	
2	Dr. M. Ramaraj	
3	P.V. S.Sobhan	
4	M. Subba Rao	
5	Ch. UmaMaheswaraRao	
6	A. Sri Hari Babu	
7	N. Narasimha Rao, Ch.	
8	Bala Krishna Kethineni	
9	Attuluri R Vijay Babu	
10	Alla Naveen Reddy	
11	K Rachananjali	
12	Ch. Saida Reddy	
13	J. Suresh	
14	M. Sandeep	
15	K. Mercy Rosalina	
16	V.N.V. Vamshi Kumar	
17	A.Suresh Kumar	
18	N.Dharani Kumar	
19	K.Prabhakara Rao	
20	K.Kusal Kumar	
21	N.K.Vardhani	
22	M.V.Uma Maheswari	
23	Y.Rajesh Babu	
24	G.V.P.Anjaneyulu	
25	M.Naveen Kumar	
26	K.Tej Kiran Reddy	
27	KAKI KUNDANA KUMARI	
28	KATTOJI GAYATHRI TEJA	

Sl. No	Name of the Faculty	Signature
29	KAKKIRALA SANTHI PRIYA	
30	DAMPURU NAGA SAI SARANYA	
31	THOTA SIVA HEMALATHA	
32	E M S V V S SATYAVATHI	
33	DHARMAVARAPU MARY PERCIS	
34	RAJESH MANDALAPU	
35	CHADHARAJUPALLI LAKSHMI PARVATHI	

ELECTRONICS HOME

TRAINING PROGRAM

06 - 29 June 2016

Venue : APSSDC, Ground Floor, H-Block



VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH
Department of Electrical and Electronics Engineering
Lab Technicians Internship Program on "Electronics Home"
06-06-2016 to 29-06-2016 at Ground Floor, H-Block

Sl.	Name of the Candidate	Designation	Signature
1	Mr. J. Rama Kishore	Sr. Lab Technician	J. Rama Kishore
2	Mrs. R. Vara Lakshmi	Sr. Lab Technician	R. Vara Lakshmi
3	Ms. V. Naga Mamata	Lab Technician	V. N. Mamata
4	Mr. K. Srikanth	Lab Technician	K. Srikanth



HOD, EEE

Department of
Electrical & Electronics Engineering
VIGNAN'S UNIVERSITY
VADLAMUDI

4.

VIGNAN'S FOUNDATION FOR SCIENCE, TECHNOLOGY AND RESEARCH

Department of Electrical & Electronics Engineering

Training Programme on

Electronics Home

06 – 29 June 2016

REPORT

Department of Electrical and Electronics Engineering of VFSTR organized **Electronics Home** Training Program for Lab Technicians from 06-06-2016 to 29-06-2016. The main aims advanced concepts of *electronics*. The *primary objective* of this *course* is to understand and implement the advanced *electronic* circuits such as amplifiers etc with the help of theoretical and practical problem solving.

Summary of Program

Name of the Department : Electrical and Electronics Engineering

Name of the Program : Electronics Home

Date : 06-06-2016 to 29-06-2016

Venue : Ground Floor, H-Block, VFSTR

No.of Participants : 04

Department Coordinator : Mr. M. Subba Rao


Department of
Electrical & Electronics Engineering
VIGNAN'S UNIVERSITY
VADLAMUDI

PHOTOS



**Mr. K. Srikanth, Ms. V. Naga Mamatha, Mrs. R. Varalakshmi and Mr. J. Ramkishore
with Tutor at Electronics Home Training Programme**

Chief Patron

Dr.L.Rathaiah
Chairman

Patrons

Dr.K.Ramamurthy Naidu
Chancellor,
VFSTR University

Dr. C. Thangaraj
Vice-Chancellor,
VFSTR University.

Convener

Dr.N.Veeranjaneyulu
Professor, HOD,
Department of IT,
VFSTR University.

Co-ordinators

Mr.K.Praveenkumar
Assistant Professor, Department of IT

Mr.S. SureshBabu
Assistant Professor, Department of IT

Organizing committee

Mr.P.Subbarao, Asst.Professor
Mr.K.PraveenKuamr, Asst.Professor
Mr.S.SureshBabu, Asst.Professor
Mr.A.Lakshmipathi, Asst.Professor



Target audience

Faculty and Research Scholars of IT,
CSE branches of Engineering can
attend this workshop.

Important dates

Last date for Registration:20:05:2016
Confirmation of Registration: 24:05:2016

Registration details

Registration Fee:Free

Resource Person

A. Ravindra,
Director,
Win2sure Technologies

Correspondence

Mr.K Praveenkumar
Assistant Professor,
kpk_it@vignanuniversity.org
Mob: +91 9290236544

Faculty Development Program On PHP & MySQL

25th May to 10th June 2016



Organized by

Department of
Information Technology



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

VFSTR University

Vignan's Foundation for Science, Technology and Research is the flagship institution of Vignan Group of Educational Institutions, is a NAAC 'A' accredited institution. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, VFSTR with its sprawling playgrounds, campus greenery and imposing academic blocks, is a virtual haven of rural quiet and idyllic beauty. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. Through diverse programs and updated curriculum by imparting industry exposure and hands-on skills, VFSTR trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. All the departments are supported by a good mix of young and senior faculty with a rich research, teaching, and industry background. The sophisticated laboratories and research centres make it one of the most preferred institutions for the aspirants of engineering studies.

About Department

Department of IT has well-qualified and experienced faculty who are specialists in the areas of Programming Languages, Data Mining, Software Engineering, Information Security, Artificial Intelligence, Data Analytics, Internet of Things and Data Science. Department has dedicated faculty members with good amount of experience in different areas. The faculty members are

actively involved in research activities in the field of their specialization. They have published number of papers in Journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students. The Department encourages students to participate in Technical Workshops, Coding competitions, Project Exhibitions and Symposiums to present papers. Students are also made to undergo 6 Month Industrial Internship during final year, where they hone their technical skill in the realm of computers.

About Workshop

Objective of Workshop

Development of simple applications using PHP and MySQL technologies

Outcome of Workshop

Designing of an application for a small-scale industry to manage their data using PHP and MySQL technologies

Benefit for Participants

- ❖ can easily design any application for small scale industries
- ❖ can use PHP and MySQL technologies for web site building
- ❖ can use for building data base applications for different levels of companies.

Venue

ATF-06, III Floor, U-Block,
Department of IT,
VFSTR UNIVERSITY

Faculty Development Program On

PHP & MySQL

25th May to 10th June 2016

REGISTRATION FORM

Name: _____

Designation: _____ Dept: _____

Institute/College: _____

Address: _____

Phone: _____ Fax: _____

Mobile No: _____

Email ID: _____

Is Hostel Accommodation required? Yes/No

Signature
Date:

Signature and Seal of
Principal/HOD

Faculty Development Program on PHP&MySQL

May 25,2016 to June 10,2016

Department of Information Technology

Participants List

S. No.	Name of the participant	Designation	Department	College	Place	Accomodation
1	K. PRAVEEN KUMAR	Asstt. Professor	IT	VFSTR	vadlamudi	NO
2	CH. PADMINI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
3	CH. SIVA KOTESWARA RAO	Asstt. Professor	IT	VFSTR	vadlamudi	NO
4	B. PREMAMAYUDU	Associate Professor	IT	VFSTR	vadlamudi	NO
5	S.SALAMUDDIN	Asstt. Professor	IT	VFSTR	vadlamudi	NO
6	DR. N. VEERANJANEYULU	Professor	IT	VFSTR	vadlamudi	NO
7	P. SUBBA RAO	Asstt. Professor	IT	VFSTR	vadlamudi	NO
8	DR. M. NIRUPAMA BHAT	Associate Professor	IT	VFSTR	vadlamudi	NO
9	K. SANTHI SRI	Associate Professor	IT	VFSTR	vadlamudi	NO
10	PRSM LAKSHMI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
11	M.V NARESH	Asstt. Professor	IT	VFSTR	vadlamudi	NO
12	D.NAGABHUSHANAM	Asstt. Professor	IT	VFSTR	vadlamudi	NO
13	A.N. LAKSHMIPATHI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
14	S. SURESH BABU	Asstt. Professor	IT	VFSTR	vadlamudi	NO
15	U. JANARDHAN REDDY	Asstt. Professor	IT	VFSTR	vadlamudi	NO
16	SK. NAZMA SULTANA	Asstt. Professor	IT	VFSTR	vadlamudi	NO
17	K. PRASANTHI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
18	P. RADHA MADHAVI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
19	B. BALAJI	Asstt. Professor	IT	VFSTR	vadlamudi	NO
20	P. SARADA	Asstt. Professor	IT	VFSTR	vadlamudi	NO
21	Mr. SIVA KRISHNA K	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	NO
22	Mr. RAMESH BABU G	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	NO

23	Mr. A. MURALI KRISHNA	Assoc. Prof	CSE	Chalapathi Institute of Technology	Guntur	NO
24	Mrs. K. NAGA LAKSHMI	Asst. Professor	CSE	QIS Institute of Technology	Ongole	NO
25	Mrs. T. ANUSHA	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	NO
26	Mr. G. TULASI	Asst. Professor	CSE	QIS Institute of Technology	Ongole	NO
27	Mr. SAI KRISHNA M	Asst. Professor	CSE	QIS Institute of Technology	Ongole	NO
28	Mr. B. RAMBABU	Asst. Professor	CSE	Chalapathi Institute of Technology	Guntur	NO
29	Mrs. GAYATHRI V	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	NO
30	P PRASANNA KMARI	Asst. Professor	CSE	Pragathi Engineering College	Tenali	NO
31	P SANTI	Asst. Professor	CSE	MLWEC	Guntur	NO
32	K SARADA	Asst. Professor	CSE	MLWEC	Guntur	NO
33	Y BHASKARA RAO	Asst. Professor	CSE	MLWEC	Guntur	NO
34	K ASHOK KUMAR	Asst. Professor	CSE	RVR&JC	Guntur	NO
35	N. NAGA SWATHI	Asst. Professor	CSE	Bapatla Engineering College	Guntur	NO
36	G SAILAJA	Asst. Professor	CSE	SISTK	Puthur	NO
37	D VEENA GRACE	Asst. Professor	CSE	VNITSW	Vijayawada	NO
38	D.PRATHUSHA	Asst. Professor	CSE	VNITSW	Vijayawada	NO
39	SARANAG KMAR	Asst. Professor	CSE	Vasavi Engineering College	Hyderabad	NO
40	V SUJATHA	Asst. Professor	CSE	Vasavi Engineering College	Hyderabad	NO
41	R LAXMI PRASANNA	Asst. Professor	CSE	Vasavi Engineering College	Hyderabad	NO
42	D RAJESH SHETTY	Asst. Professor	CSE	Vasavi Engineering College	Hyderabad	NO
43	S.THIRUMALA DEVI	Asst. Professor	CSE	KITS	Hyderabad	NO
44	G PRATHIBHA	Asst. Professor	CSE	ANU	Guntur	NO
45	M ANEESHA	Asst. Professor	CSE	ANU	GUntur	NO
46	K. Kiran Kumar	Programmer	IT	VFSTR	vadlamudi	NO



**A Report on
Faculty Development Program On
PHP & MySQL**

25th May to 10th June 2016

**Organized by
Department of Information Technology**

Title: Faculty Development Program on PHP & MySQL

Dates: From 25-05-2016 To 10-06-2016

Preamble:

The Faculty Development Program on PHP & MySQL has been conducted from 25th may to 10th June 2016 by Department of Information Technology, VFSTR University, Guntur. This FDP is aimed to impart the Application Development for small scale industries to manage the data using PHP and MySQL technologies.

Participant's Profile:

A total of 46 delegates were participated. Among the participants 20 were internal faculty and 25 were from Other collages in the state and one Non-teaching staff.

Description about the Program:

On the inaugural function, **Dr.N.Veeranjaneyulu** Head of the Department of Information Technology addressed the gathering. He has Explained the importance and need of automation of many administrative works and data storage. And also discussed a few important things you must know about PHP:

PHP is an Interpreted language; hence it doesn't need a compiler. To run and execute PHP code, we need a Web server on which PHP must be installed. PHP is a server side scripting language, which means that PHP is executed on the server and the result is sent to the browser in plain HTML. PHP is open source and free. After immediately completion of inauguration the sessions were started. Resource person explained various concepts PHP and MySQL web page building, HTTP protocols, and Post and Get methods usage. Hands-on sessions were also conducted to practise the concepts discussed theoretically.

All the participants were attended the sessions and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many queries raised by the participants.

K.Praveen kumar proposed vote of thanks.

The entire programme was co-ordinated with the support of the Head of the Department, faculty, non-teaching staff of the Department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants from surrounding colleges expressed their gratitude to staff of department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh., for enhancing the knowledge levels in developing application using PHP and MySQL

Future Perspectives:

The department of Information Technology looking forward to organize future conferences, FDPs and workshops on Natural Language Processing to strengthen the knowledge levels of research scholars and faculty in the above said domain.

Report Submitted by: K Praveenkumar

Designation: Assistant Professor

Department: Information Technology

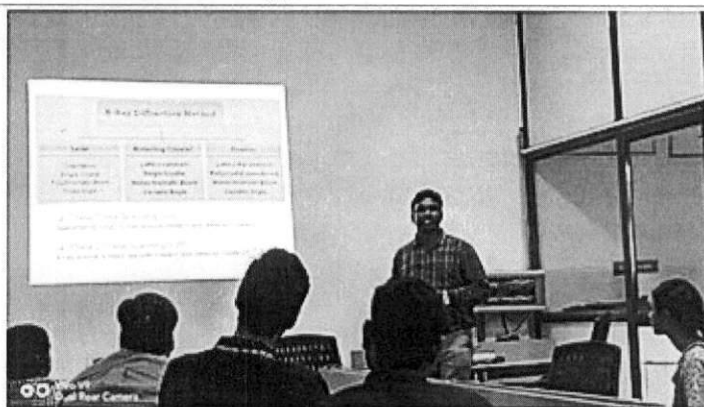


Photo1: Resource Person Giving his Lecture

Photo 2: Felicitating the Guest

Signature of coordinator

Signature of HoD

Certificate of Participation

Awarded to

.....

For being participated in the Faculty Development Program on PHP & MySQL
for the period of 25th May to 10th June, 2016 Organized by Department of
INFORMATION TECHNOLOGY, VFSTR University, Guntur.

Coordinator
K.Praveen Kumar

HoD, IT
Dr.N.Veeranjaneyulu

One Week Workshop
on
Big Data and Hadoop

29th April 2016 – 3rd May 2016

Venue: ATF06, Gallery Hall, U-Block

Time: 9.00 AM to 4.00 PM

Registration Fee
Faculty : Rs. 2000/-
Research Scholars & others : Rs. 1200/-

Organized by
Department of Information Technology



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Established under UGC Act of 1956)

(ACCREDITED BY NAAC WITH A GRADE)

Vadlamudi – 522 213, Guntur Dt. AP, India

Last date for Registration: 26.04.2016

For details : Mr. K. Praveen Kumar, Asst. Prof. Department of IT, Ph: 9290236544

[Handwritten signatures and dates at the bottom of the page]
14/4/16

One Week Workshop
on
Big Data and Hadoop

29th April 2016 – 3rd May 2016

**Organized by Department of Information Technology,
Vignan's University, Vadlamudi, India.**

The goal of this workshop is to provide a forum for exchanging ideas and information on current research studies, challenges, system developments, and practical experiences in this emerging field of Big data analysis. The workshop includes topics related to distributed machine learning, high dimensional data analysis, MapReduce framework, Hadoop system, and future of big data in India.

Registration Fee
Faculty : Rs. 2000/-
Research Scholars & others : Rs. 1200/-
Last date for registration: 26.04.2016

How to register:

Bank Payment (NEFT transfer)

Account No. 21890100000202

IFSC code: UCBA0002189

Name of the account holder: Mr. K. Praveen Kumar

Branch Name : UCO Bank, Vadlamudi

Type of Account : Savings

"BIG DATA & HADOOP"
1 Week Workshop



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
Vadlamudi, GUNTUR - 522 213 (AP)
Building young India

**Department of
Information Technology**



PARTICIPANTS OF THE WORKSHOP

**29 April 2016
To
3 May 2016**



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

Vadlamudi, GUNTUR - 522 213 (AP)

Building young India

Report of the Training Workshop

On

“BIG DATA and HADOOP”

Held in

VIGNAN'S UNIVERSITY

29 APRIL 2016 – 03 MAY 2016

Organized By

**Department of
Information Technology**



Table of Contents

- 1.0 Objectives and Content of the Workshop**
- 2.0 Target Group**
- 3.0 Training Materials**
- 4.0 Certification**
- 5.0 Resource Persons**
- 6.0 Workshop Process**
- 7.0 Workshop Conclusions**
- 8.0 Workshop Evaluation by Participants**
- 9.0 Conclusion and Recommendations**
- 10.0 Photo Gallery**

<i>Dates of the workshop</i>	: 29 April to 3 May 2016.
<i>Venue</i>	: ATF:06, Gallery Hall, U-Block
<i>Organizer</i>	: Department of Information Technology
<i>Participants</i>	: 47 participants, 15 representatives from other engineering Colleges and Research Scholars, 15 IT Faculty and 17 Students.
<i>Theme of the Training program</i>	: Introduction to BIG DATA and HADOOP and Practical Exposure to Hadoop frame work.
<i>Source of funding</i>	: 50% by the VIGNAN'S University and 50% funds raised by the Department.
<i>Materials distributed</i>	: Scribbling Pad, Pen, Folder, and Hardcopies and Presentations on CD

1.0 Objectives and Content of the Workshop

The objectives of the training workshop included the following:

- Help participants acquire the modern concepts, policies and practices of Big Data and Hadoop.
- Help participants acquire the skills of managing Analytics
- Help participants explore tested and innovative strategies for improving the Big Data and Hadoop with practical Exposure.

The workshop covered the following topics

- Introduction to BIG DATA
- Introduction to Hadoop
- Installation of Hadoop, Cloudera and VM Workstation
- SQOOP
- R Language
- HIVE, PIG and MAP REDUCE Tools
- Case Discussions: "An Analysis of FACEBOOK Data"

2.0 Target Group

The training courses were intended for Faculty Handling the Big Data and Hadoop Technologies.

3.0 Training Materials

Training materials covering the contents for the programme were prepared and packaged as modules for the participants. Soft copies of all handouts and other related workshop documentations are submitted to the Participants.

4.0 Certification

Participants who successfully participated in all the sessions of the training were presented with Certificates of attendance and participation.

5.0 Resource Persons

Highly qualified practitioners with practical methods and best practices were drawn from INNOVIAN Technologies to make presentation on topics for the programme.

They included:

- | | | |
|----|-----------------|----------------------|
| 1. | Mr.Manish Jain | - Freelancer |
| 2. | Mr. M.Naga Raju | - Training Assistant |

Other coordinators for the training programme were Mr. Praveen Kumar, Asst. Professor of IT Department.

6.0 Workshop Process

The programme involve individual and group exercises as well as input from the course leader, and presentations from guest speakers, specialising in their own particular fields of Big Data and Hadoop. There were many opportunities to raise questions or concerns throughout the Workshops. The following approaches were used

- Lectures
- Discussions

- Group/ Syndicate work which constituted a means for developing the skills of participants.
- Case studies
- Plenary sessions
- Role play

Participants:

Sl.No	Name of the Participant	Designation
1	Dr. N veeranjanyulu	Faculty
2	Mr. A. Raghunath	Faculty
3	Mr. B. Premamayudu	Faculty
4	Mrs. Shanthi Sri	Faculty
5	Dr. M. Nirupama Bhat	Faculty
6	Mr. P. Subbarao	Faculty
7	Mr. K. Praveen Kumar	Faculty
8	Mr. Ch. Sivakoteswara Rao	Faculty
9	Mrs. P.R.S.M.Lakshmi	Faculty
10	Mr. A. N. Lakshmi Pathi	Faculty
11	Mr. S.Suresh Babu	Faculty
12	Mr. U .Janardhan reddy	Faculty
13	Mr. T.V. Subrahmanyam	Faculty
14	Nazma Sultana Shaik	Faculty
15	Ms. K. Prasanthi	Faculty
16	Mrs. P. Radhamadhavi	Programmer
17	Mr P.Sambasivarao	Other
18	Mr Subash Tondamannati	Research Scholar
19	Ms M Arun Safali	Research Scholar
20	Mr. Siva Ram prasad	Research Scholar
21	Ms P.Sindhu	Research Assistant



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Bard's 3rd VOC Act of 1956)



Certificate of Completion

This is to certify that

Mr./Ms. _____

of _____

has successfully completed One Week Workshop on

Big Data & Hadoop

organized by **IT Department** of VFSTR University

delivered by **Innovians Technologies** (India)



Innovians Technologies

Held at : **VFSTR University, Vadlamudi, Guntur, A.P.**

On 29th Apr to 03rd May, 2016.

Rector
VFSTR Univeristy

VFSTR UNIVERSITY

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About Department

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About Workshop

The Internet of Things is an emerging topic of technical, social, and economic significance. Consumer products, durable goods, cars and trucks, industrial and utility components, sensors, and other everyday objects are being combined with Internet connectivity and powerful data analytic capabilities that promise to transform the way we work, live, and play. Projections for the impact of IoT on the Internet and economy are impressive, with some anticipating as many as 100 billion connected IoT devices and a global economic impact of more than \$11 trillion by 2025.

Objective of Workshop

- IOT Overview
- Programming Fundamentals (C Language).
- The Arduino Platform.
- Arduino Programming and Interface of Sensors.
- Projects:
 1. Simple LED Program for Arduino.
 2. Integrating Sensors and Reading Environmental.
 3. Display Sensor data on a Web Page.

Topics:

- Introduction to IOT
- Introduction to controllers and Arduino & C Language,
- Arduino Programming (LED).
- Arduino Programming (Switch).
- Arduino Programming(ADC).
- Arduino Programming(UART).
- Hands on Projects
 - Introduction to Cloud, Web Design.

A Ten Day National Workshop

on

IOT and Smart Cities

28.03.16 to 06.04.16

REGISTRATION FORM

Name: _____

Designation: _____ Dept: _____

Institute/College: _____

Address:

Phone: _____ Fax: _____

Mobile No: _____

Email ID: _____

Is Hostel Accommodation required? Yes/No

Signature
Date:

Signature and Seal of
Principal/HOD

Chief Patron
Dr.L.Rathaiah,
Chairman

Patrons
Dr.K.Ramamurthy Naidu,
Chancellor, VFSTR University

Dr. C. Thangaraj,
Vice-Chancellor, VFSTR University

Convener
Dr.N.Veeranjaneyulu
Professor, HOD,
Department of IT, VFSTR University

Co-ordinators
Mr.Ch.Sivakoteswara Rao
Assistant Professor, Department of IT

Organizing committee
Mr.P.Subbarao, Asst.Professor
Mr.B.Premamyudu, Assoc.Professor
Mr.K.Praveen Kumar, Asst.Professor
Mr.S.SureshBabu, Asst.Professor
Mr.A.Lakshmipathi, Asst.Professor



Target Audience

Faculty and Research Scholars of IT,
CSE branches of Engineering can
attend this workshop

Important Dates

Last date for Registration : 25.03.16
Confirmation of Registration: 26.03.16

Registration details

Registration Fee:Free

Resource Person

Shravan D S N
Embedded Engineer,
Sainikpuri, Hyderabad

Correspondence

Mr.Ch. SivaKoteswararao
chinnam_it@vignanuniversity.org
Mob: 9440372374.

Venue

ATF-06, III Floor, U-Block,
Department of IT.

A Ten Day National Workshop on IOT and Smart Cities

28-03-16 to 06-04-16



Organized by
DEPARTMENT OF
INFORMATION
TECHNOLOGY



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

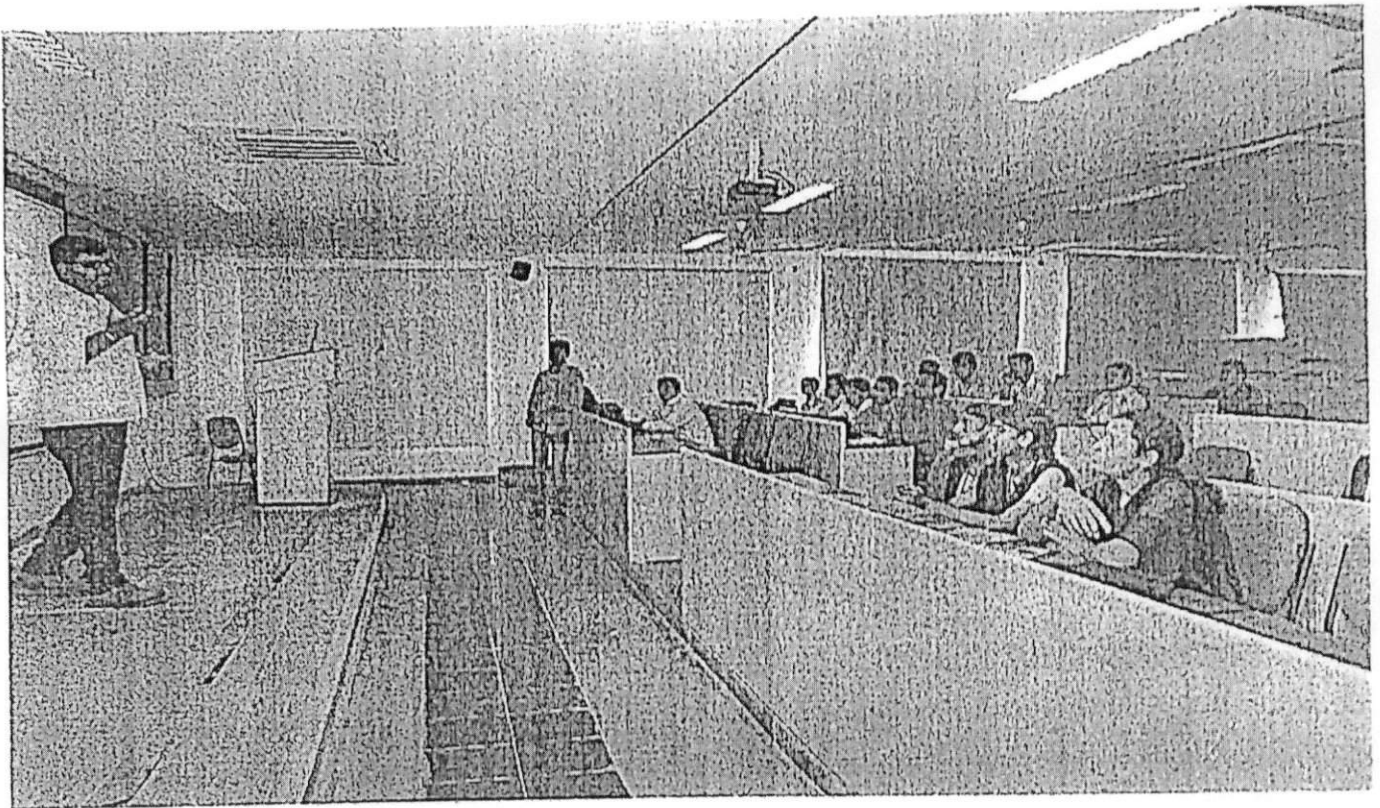
A Ten-day National Workshop on
IOT and Smart Cities
Organized by Department of Information Technology
From 28-03-2016 To 06-04-2016

Sl. No.	Name of the Participant	Designation	Department	College	Place	Registered or Not	Need accomodation or not
1	K. Praveen Kumar	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
2	Ch. Padmini	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
3	A. Raghu Nath	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
4	Ch. Siva Koteswara Rao	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
5	B. Premamayudu	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
6	S.Salamuddin	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
7	B. Balaji	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
8	P. Subba Rao	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
9	Dr. M. Nirupama Bhat	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
10	K. Santhi Sri	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
11	PRSM Lakshmi	Professor	IT	VFSTR	Vadlamudi	Yes	No
12	M.V Naresh	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
13	D.Nagabhushanam	Professor	IT	VFSTR	Vadlamudi	Yes	No
14	A.N. LakshmiPathi	Assoc. Prof	IT	VFSTR	Vadlamudi	Yes	No
15	S. Suresh Babu	Professor	IT	VFSTR	Vadlamudi	Yes	No
16	U. Janardhan Reddy	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
17	T.V.Subramanyam	Assoc. Prof	IT	VFSTR	Vadlamudi	Yes	No
18	Sk. Nazma Sultana	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
19	K. Prasanthi	Assoc. Prof	IT	VFSTR	Vadlamudi	Yes	No
20	A. Rama Krishna	Asst. Professor	IT	VFSTR	Vadlamudi	Yes	No
21	M.Kiran Kumar	Asst. Professor	CSE	Guntur Engineering College	Guntur	Yes	No
22	K.B.V. Rama Narasimham	Asst. Professor	CSE	Guntur Engineering College	Guntur	Yes	No

23	M.Koteswara Rao	Asst. Professor	CSE	Guntur Engineering College	Guntur	Yes	No
24	P. Sarada	Assoc. Prof	CSE	Chalapathi Institute of Technology	Guntur	Yes	No
25	B.Balaji	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	Yes	No
26	G.Satish	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	Yes	No
27	Mr. K.Kishore Babu	Asst. Professor	CSE	St Mary's College of Engineering	Ongole	Yes	No
28	Mr. B. Subba Reddy	Asst. Professor	CSE	QIS Institute of Technology	Ongole	Yes	No
29	Mr. B. Kiran Kumar	Asst. Professor	CSE	Chalapathi Institute of Technology	Guntur	Yes	No
30	Mrs. K.Srinivas	Asst. Professor	CSE	Malineni Perumallu Educational Society	Guntur	Yes	No

A Ten Days Workshop on “Internet of Things and Smart Cities”

“A Ten Days Workshop on Internet of Things and Smart cities” is being conducted for the II, III & IV year B.Tech students in VIGNAN UNIVERSITY from 28th March to 6th April 2016 organized by Department of Information Technology. This program is being moderated by Mr. Shravan, Mr. Chaitanya and Mr. Ajay from Blackbuck Engineering and company. The main aim of this program is to sow a project seed in the minds of B.Tech students using new technologies like Internet of things.



First Day (28th Mar 2016):

As a part of First day program Mr Shravan discussed the architecture of Internet of Things and applications of Internet of Things especially in Smart Cities. He interacted with students and they felt that students are very much eager to learn new technologies. In the whole session students are very interactive with Shravan & Ajay.

Second Day (29th March 2016)

As part of second day program Mr Shravan had given introduction to Micro controllers, operations can be performed with micro controllers, Introduction to Arduino board and components in the Arduino board, functionalities of the components. He has shown some Sample programs on Arduino board using C language.

Third Day (30th March 2016)

As part of third day program Mr Ajay showed the installation of Arduino software and executed some programs on Arduino. Students have installed Arduino software and executed some programs and Students also connected to led through Arduino programming.

Fourth Day (31st March 2016)

As part of fourth day Mr Chaitanya showed the Students connected to led through switch using Arduino programming.

Fifth Day (1st April 2016)

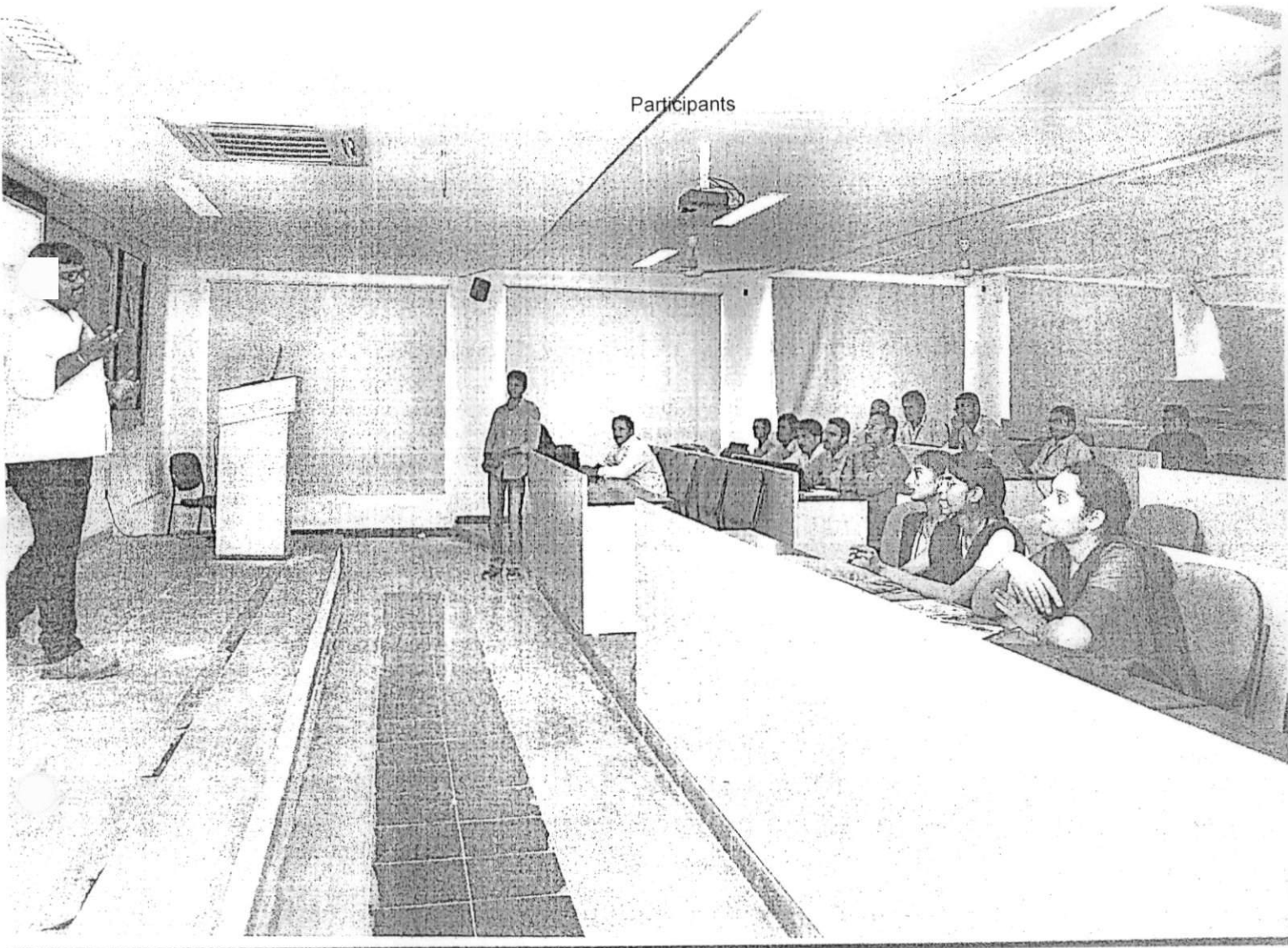
As part of fifth day Mr Chaitanya showed the Students how to convert Analog to digital using Arduino programming with examples.

Sixth Day (2nd April 2016)

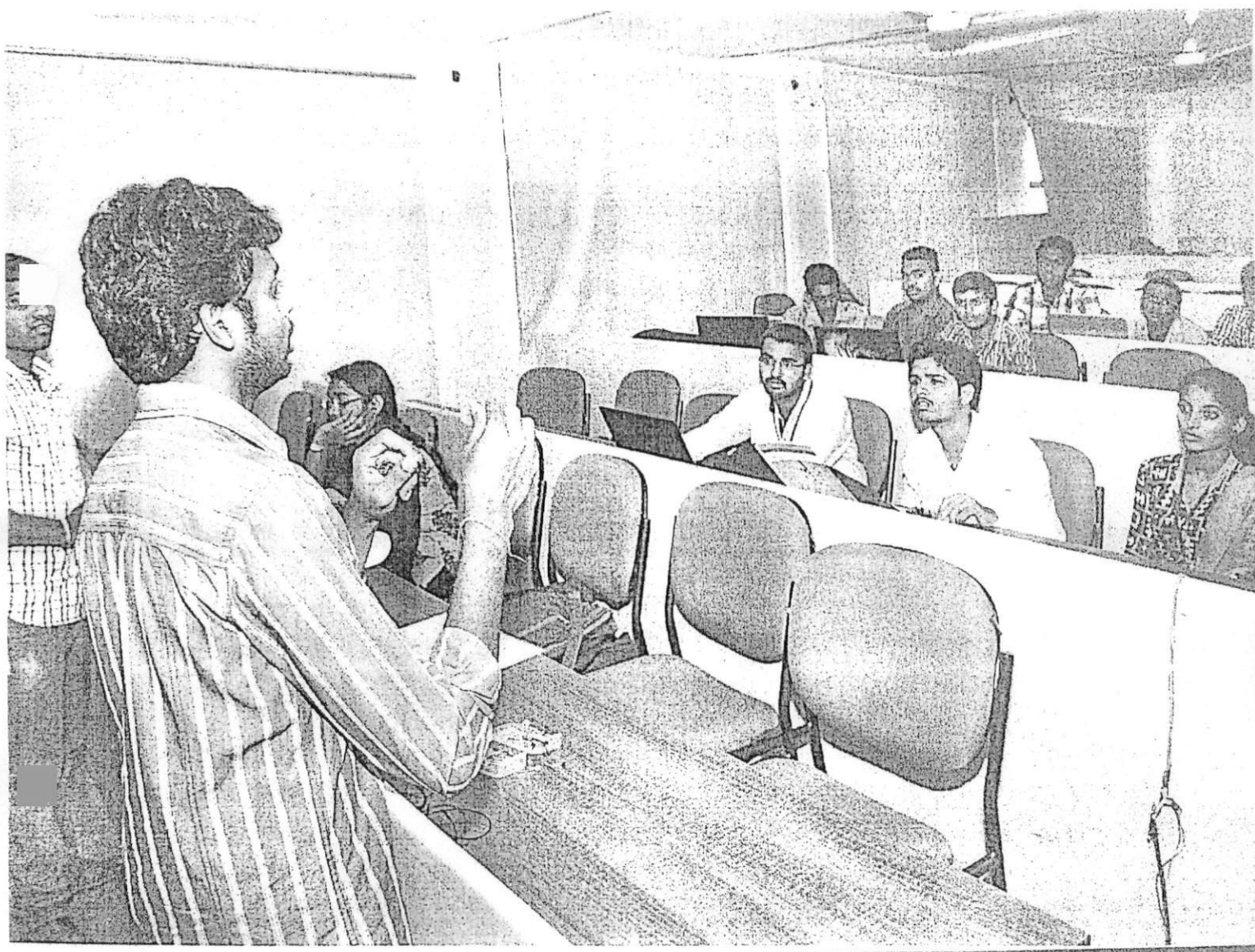
As part of fifth day Mr Chaitanya showed the Students serial communication between computer and Arduino board. With that knowledge students connected computer and Arduino board in serial and performed some examples.

Resource person Explaining

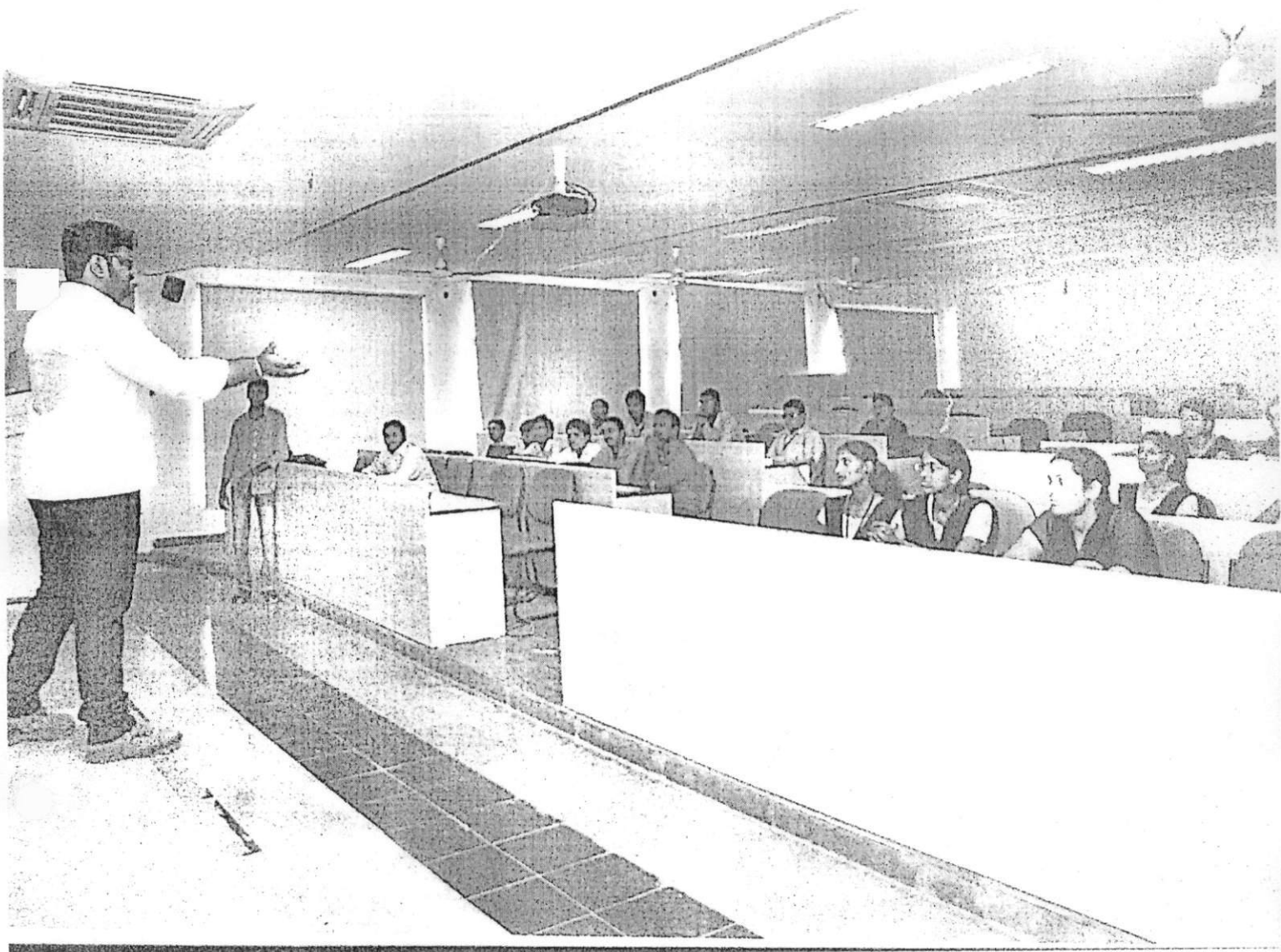
Participants



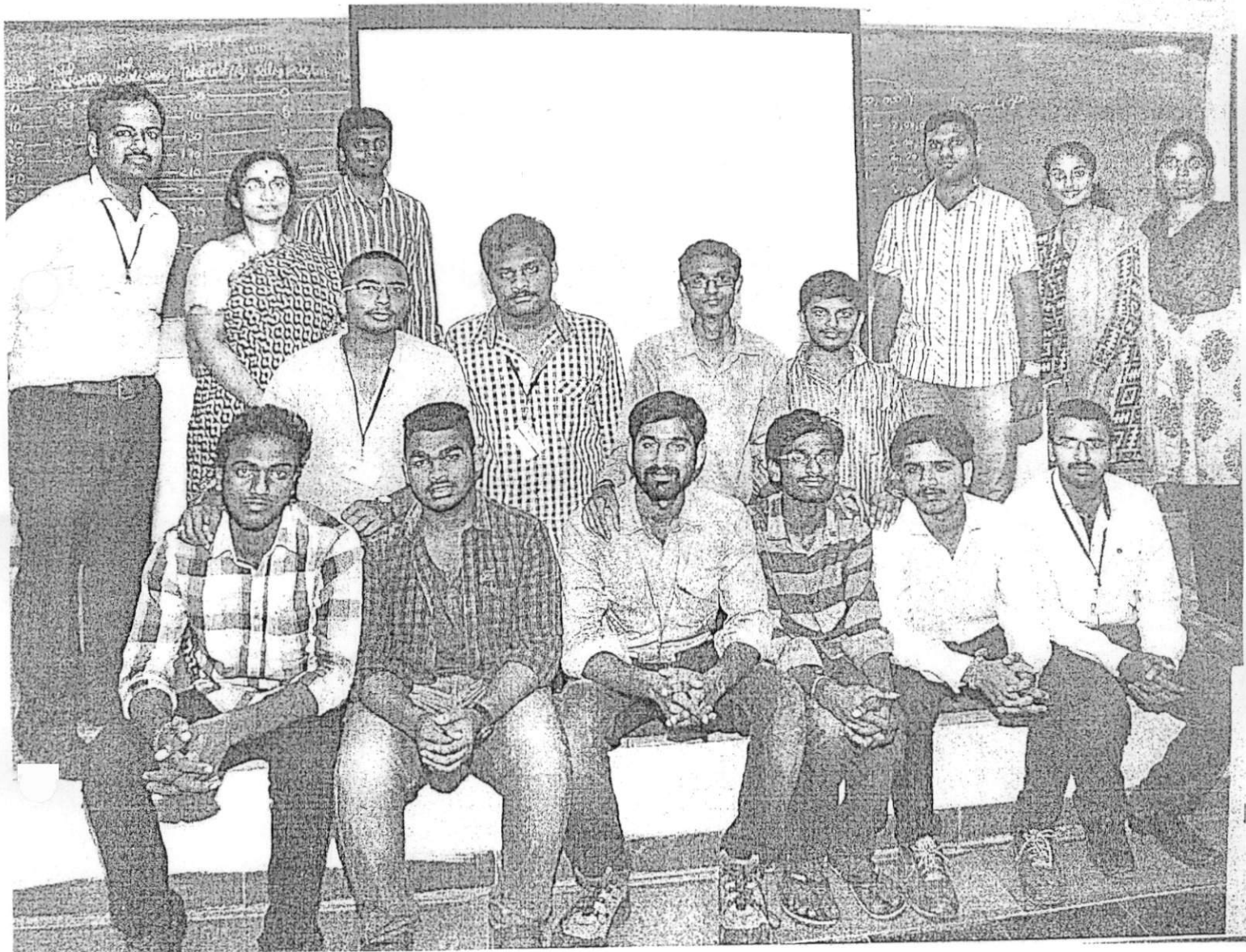
Q & A Session



Resource Person Explaining



Final Group Photo



As part of tenth day Mr Ajay had shown designing pages in such way that how cloud receives data from the computer.



Ch. Sive K. S. S. S. S.
Coordinator

N. K. S. S. S.
Head of the Department



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

**A Ten - day National Workshop
On
IOT and Smart Cities
Certificate of Participation**

This is to certify that Mr./Mrs./Ms. _____
has participated in a Ten - day National Workshop on "IOT and Smart Cities"
Organized by the Department of INFORMATION TECHNOLOGY
from 28-03-2016 to 06-04-2016.

Coordinator
CH.Siva Koteswara Rao

HoD, IT
Dr.N.Veeranjaneyulu

VFSTR UNIVERSITY

Vignan's Foundation for Science, Technology and Research is the flagship institution of Vignan Group of Educational Institutions, is a NAAC 'A' accredited institution. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, VFSTR with its sprawling playgrounds, campus greenery and imposing academic blocks, is a virtual haven of rural quiet and idyllic beauty. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. Through diverse programs and updated curriculum by imparting industry exposure and hands-on skills, VFSTR trains its students into competitive and global professionals, imbued with ethical consciousness and social awareness. All the departments are supported by a good mix of young and senior faculty with a rich research, teaching, and industry background. The sophisticated laboratories and research centres make it one of the most preferred institutions for the aspirants of engineering studies.

About Department

Department of IT has well-qualified and experienced faculty who are specialists in the areas of Programming Languages, Data Mining, Software Engineering, Information Security, Artificial Intelligence, Data Analytics, Internet of Things and Data Science. Department has dedicated faculty members with good amount of experience in different areas. The faculty members are actively involved in research activities in the field of their specialization. They have published number of papers in Journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students. The Department encourages students to participate in Technical Workshops, Coding competitions, Project Exhibitions and Symposiums to present papers. Students are also made to undergo 6 Month Industrial Internship during final year, where they hone their technical skill in the realm of computers.

About Workshop

Hybrid mobile apps are applications that are installed on a device, just like any other app. What differentiates them is the fact they possess elements from native apps, applications developed for a specific platform such as iOS or Android, with elements from web apps, websites that act like apps but are not installed on a device but are accessed on the Internet via a browser.

Hybrid apps are deployed in a native container that uses a mobile WebView object. When the app is used, this object displays web content thanks to the use of web technologies (CSS, JavaScript, HTML, HTML5).

In order to access a device's hardware features (accelerometer, camera, contacts...) for which the native apps are installed, it is possible to include native elements of each platform's user interfaces (iOS, Android): native code will be used to access the specific features in order to create a seamless user experience. Hybrid apps can also rely on platforms that offer JavaScript APIs if those functionalities are called within a WebView. Hybrid apps have a design that doesn't have a native feel. The user interface thus isn't as seamless.

Objective of Workshop

Describe those aspects of mobile programming that make it unique from programming for other platforms.

Utilize rapid prototyping techniques to design and develop sophisticated mobile interfaces,

Program mobile applications for the Android operating system that use basic and advanced phone features, and

Deploy applications to the Android marketplace for distribution.

A Two Day Hands-on Workshop On Hybrid App Development 13-03-16 to 14-03-16

REGISTRATION FORM

Name: _____

Designation: _____ Dept: _____

Institute/College: _____

Address:

_____ Phone

: _____ Fax: _____

Mobile No: _____

Email ID: _____

Is Hostel Accommodation required? Yes/No

Signature
Date:

Signature and Seal of
Principal/HOD

VIGNAN'S
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UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)



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**A Two-day Hands-On Workshop
on
Hybrid App Development**

Organized by

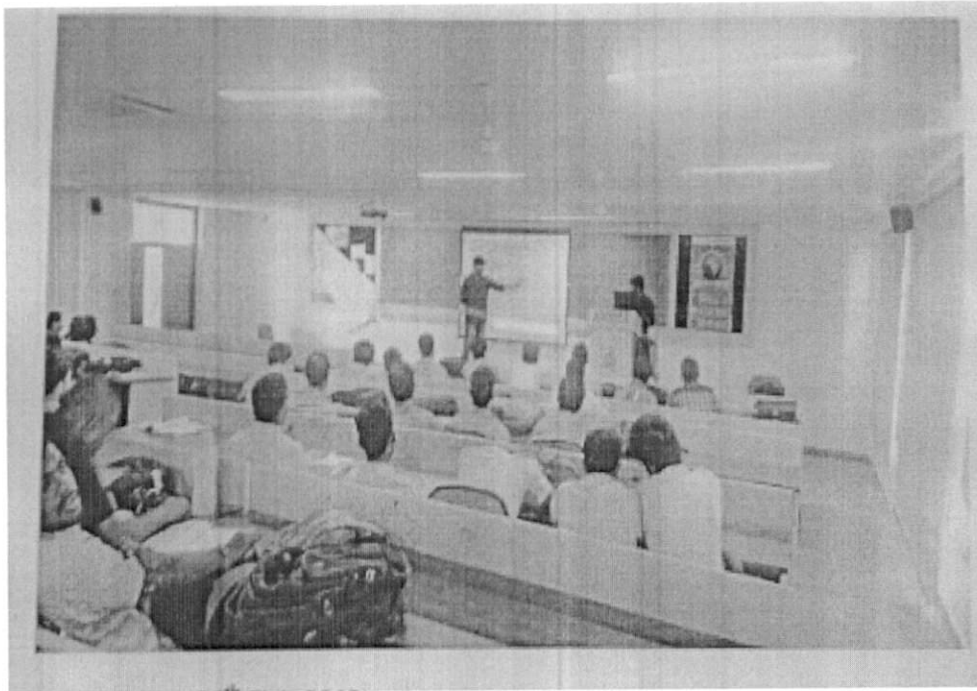
Department of Information Technology

From 13-03-2016 To 14-03-2016

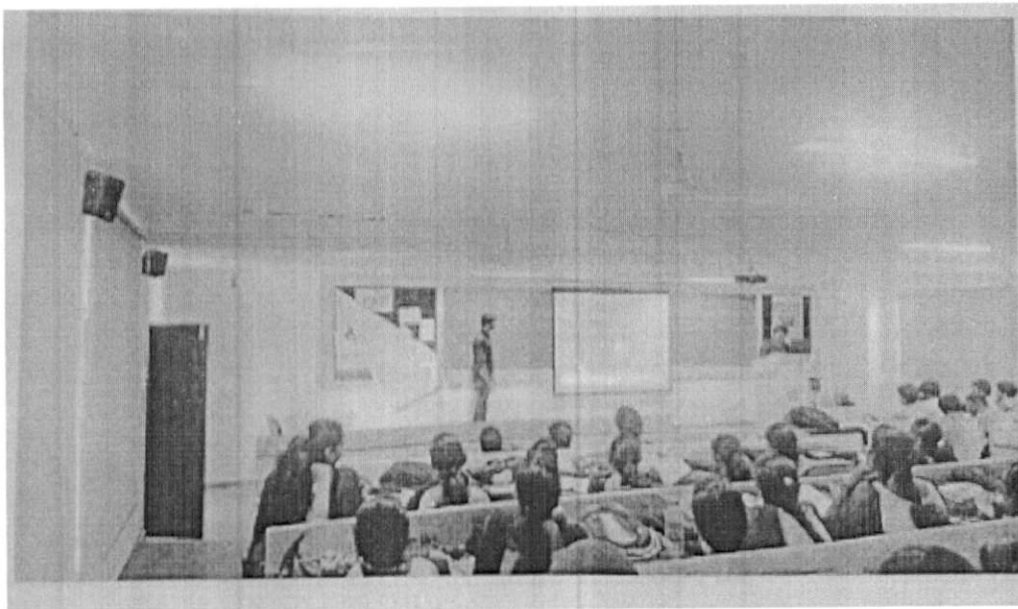
S.No	Name of the Participant	Designation	Department	College	Place	Registered or Not	Need accommodation
1	K. Praveen Kumar	Asst. Professor	IT	VFSTR	Guntur	Yes	No
2	A. Raghu Nath	Associate Professor	IT	VFSTR	Guntur	Yes	No
3	Ch. Siva Koteswara Rao	Asst. Professor	IT	VFSTR	Guntur	Yes	No
4	B. Premamayudu	Associate Professor	IT	VFSTR	Guntur	Yes	No
5	S.Salamuddin	Asst. Professor	IT	VFSTR	Guntur	Yes	No
6	Dr. N. Veeranjanyulu	Professor	IT	VFSTR	Guntur	Yes	No
7	P. Subba Rao	Asst. Professor	IT	VFSTR	Guntur	Yes	No
8	Dr. M. Nirupama Bhat	Associate Professor	IT	VFSTR	Guntur	Yes	No
9	K. Santhi Sri	Associate Professor	IT	VFSTR	Guntur	Yes	No
10	PRSM Lakshmi	Asst. Professor	IT	VFSTR	Guntur	Yes	No
11	D.Nagabhushanam	Asst. Professor	IT	VFSTR	Guntur	Yes	No
12	A.N. LakshmiPathi	Asst. Professor	IT	VFSTR	Guntur	Yes	No
13	S. Suresh Babu	Asst. Professor	IT	VFSTR	Guntur	Yes	No
14	U. Janardhan Reddy	Asst. Professor	IT	VFSTR	Guntur	Yes	No

15	T.V.Subramanyam	Asst. Professor	IT	VFSTR	Guntur	Yes	No
16	Sk. Nazma Sultana	Asst. Professor	IT	VFSTR	Guntur	Yes	No

17	K. Prasanthi	Asst. Professor	IT	VFSTR	Guntur	Yes	No
18	A. Rama Krishna	Professor	IT	VFSTR	Guntur	Yes	No
19	G. K. Harinath	Asst. Professor	IT	VFSTR	Guntur	Yes	No
20	P. Radha Madhavi	Asst. Professor	IT	VFSTR	Guntur	Yes	No
21	Deepthi Kancharla	Asst.Professor	CSE	GCW	Guntur	Yes	No
22	G.V.S Pranayani	Asst.Professor	CSE	GCW	Guntur	Yes	No
23	N.Rajyalakshmi	Asst.Professor	CSE	GCW	Guntur	Yes	No
24	D. Praveen kumar	Asst.Professor	CSE	GCW	Guntur	Yes	No
25	N.Rajyalakshmi	Guest Faculty	CSE	GCW	Guntur	Yes	No
26	Y. Sivaprasad	Associate Professor	CSE	GECG	Guntur	Yes	No
27	M.Koteswara Rao	Asst. Professor	CSE	GECG	Guntur	Yes	No
28	M.Kiran Kumar	Asst. Professor	CSE	GECG	Guntur	Yes	No
29	S.V.Kishore Babu	Asst. Professor	CSE	GECG	Guntur	Yes	No
30	B.Babu	Asst. Professor	CSE	GECG	Guntur	Yes	No
31	A.Malathi	Asst. Professor	CSE	GECG	Guntur	Yes	No
32	G.Sateesh	Asst. Professor	CSE	GECG	Guntur	Yes	No
33	T.Chakradhar	Asst. Professor	CSE	GECG	Guntur	Yes	No
34	V.Lakshma Reddy	Asst. Professor	CSE	GECG	Guntur	Yes	No
35	M.Saranya	Asst. Professor	CSE	GECG	Guntur	Yes	No
36	K Kiran kumar	Programmer	IT	VFSTR	Guntur	Yes	No



Mr. Ravi Teja giving lecture on Hybrid App Development



Mr. Ravi Teja giving lecture on Hybrid App Development



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A Two-day Hands-On Workshop on Hybrid App Development

Organized by

Department of Information Technology

from 13-03-2016 to 14-03-2016

Report on Workshop Conducted

Title: A Two-day Hands-On Workshop Hybrid App Development

Dates: 13-03-2016 To 14-03-2016

Preamble:

Two day Hands-on workshop on Hybrid App Development is being conducted for Faculties of Vignan's University on 13-14 March 2016 organized by department of IT.

Participant's Profile:

A total of 36 delegates were participated. Among the participants 20 were internal faculty , 1 Programmer and 15 were from surrounding colleges.

Description about the Program:

On the inaugural function, Mr. N. Veeranjanyalu, Head of the Department of Information Technology addressed the gathering. He explored the current trends The mobile app development industry is evolving at a break-neck speed and to survive and thrive in this digital Darwinian era, you have to get acquainted with the changing mobile app development trends. Hybrid apps are a blend, hence the name hybrid, of both native and web solutions. Where the core of the application is written using web technologies. In this article we dive deep into hybrid app technology. Hybrid mobile applications are built in a similar manner as websites. Both use a combination of technologies like HTML, CSS, and JavaScript. However, instead of targeting a mobile browser, hybrid applications target a WebView hosted inside a native container. This enables them to do things like access hardware capabilities of the mobile device.

Hands-on sessions conducted to practise the concepts discussed theoretically.

All the participants were attended all the sessions and learned the concepts explained in the workshop.

The last session was entirely an interactive session and the resource person answered many queries raised by the participants.

P.Subbarao, Assistant Professor proposed vote of thanks.

The entire programme was co-ordinated with the support of the Head of the Department, faculty, non-teaching staff and Ph.D. research scholars of the Department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants from surrounding colleges expressed their gratitude to staff of department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh., for enhancing the knowledge levels in the area App Development.

Future Perspectives:

The department of Information Technology looking forward to organize future conferences, FDPs and workshops on Mobile App Development to strengthen the knowledge levels of research scholars and faculty in the above said domain.

Report Submitted by: P. Subba Rao

Designation: Assistant Professor

Department: Information Technology



Signature of Coordinator



Signature of HOD



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Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

A Two - day Hands - on Workshop on Hybrid App Development

This is to certify that Mr./Mrs./Ms. _____

has participated in a Two - day Hands - on Workshop on "Hybrid App Development"

Organized by the Department of INFORMATION TECHNOLOGY

from 13-03-2016 to 14-03-2016.

**Coordinator
P.Subbarao**

**HoD, IT
Dr. N.Veeranjaneyulu**

CHIEF PATRON

Dr.L.Rathaiah

Chairman, VFSTR University

PATRONS

Dr.K.Ramamurthy Naidu

Chancellor, VFSTR University

Dr. C. Thangaraj

Vice-Chancellor, VFSTR University

CONVENER

Dr.N.Veeranjaneyulu

Professor, HOD,

Department of Information Technology,
VFSTR University

CO-ORDINATORS

Mr.B.Premamayudu,

Associate Professor, Department of IT

Ms.K.Santhi Sri

Associate Professor, Department of IT.

ORGANIZING COMMITTEE

Mr.P.Subbarao Asst.Professor

Mr.K.PraveenKumar, Asst.Professor

Mr.S.SureshBabu, Asst.Professor

Mr.A.Lakshmipathi, Asst.Professor

RESOURCE PERSON

Mr. Maneesh Jain

Corporate Trainer,
Innovians Technologies.

TARGET AUDIENCE

Faculty and Research Scholars of IT,
CSE, ECE, and other branches of
engineering can attend this
workshop

IMPORTANT DATES

Last date for Registration: 27:01:2016

Confirmation of Registration: 29:01:2016

REGISTRATION DETAILS

Registration Fee: Free

CORRESPONDENCE

Mr.B.Premamayudu

Associate Professor,

prem_it@vignanuniversity.org

Mob: +91 9440006478

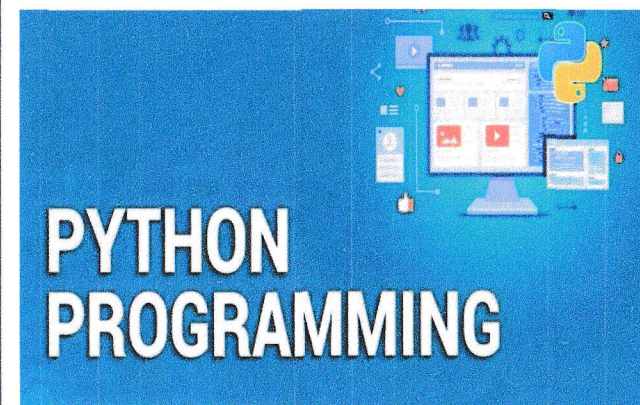
Note: The Scanned copies of filled
Application form shall be sent to the
above email-id on or before 27th
January 2016.

VENUE

ATF-06, III-Floor U-Block

Certificate Course on Python Programming

01st to 19th February 2016



Organized by
Department of
Information Technology
In Association with



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(Estd u/s 3 of UGC Act of 1956)

VFSTR University

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About Department

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actively involved in research activities in the field of their specialization. They have published number of papers in Journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students. The Department encourages students to participate in Technical Workshops, Coding competitions, Project Exhibitions and Symposiums to present papers. Students are also made to undergo 6 Month Industrial Internship during final year, where they hone their technical skill in the realm of computers.

About Workshop

Objective of Workshop:

Show how easy learning can be done with python convince, create awareness among students to make python as the base to learn programming and python can be used in all algorithmic contests.

Outcome of Workshop:

Idea about the programming with python, design & implementation of given scenario in python language, and python usage in various research applications.

Benefit for Participants:

- ✦ can easy design any algorithm & can implement any research problem using python.
- ✦ can use python as an open source platform of languages.
- ✦ can use for web development, game designing, animation, and embedded application development.

Certificate Course on Python Programming

01st to 19th February 2016

REGISTRATION FORM

Name: _____

Designation: _____ Dept: _____

Institute/College: _____

Address:

Phone: _____ Fax: _____

Mobile No: _____

Email ID: _____

Is Hostel Accommodation required? Yes/No

Signature
Date:

Signature and Seal of
Principal/HOD

VFSTR University, Department of Information Technology

Certificate Course on Python Programming

01st to 19th February 2016

Participants List

Sl.No.	Name of the Faculty	Designation	Institute/College	Dept
1	Mr. Praveen Kuamr Kazipeta	Assistant Professor	VFSTR University	IT
2	Mr. Siva Koteswara Rao Chinnam	Assistant Professor	VFSTR University	IT
3	Mr. Bulla Premamayudu	Assistant Professor	VFSTR University	IT
4	Dr. Veeranjanyulu Naralasetti	PROFESSOR	VFSTR University	IT
5	Dr. Subbarao Peram	Assistant Professor	VFSTR University	IT
6	Ms. Radha Madhavi Parimi	Assistant Professor	VFSTR University	IT
7	Mrs. K Santhi Sri	Assistant Professor	VFSTR University	IT
8	Mrs. Lakshmi RSM Patibandla	Assistant Professor	VFSTR University	IT
9	Mr. Lakshimipathi Naga Ananda	Assistant Professor	VFSTR University	IT
10	Mr. Suresh Babu Satukumati	Assistant Professor	VFSTR University	IT
11	Mr. Janardhan Reddy Ummadi	Assistant Professor	VFSTR University	IT
12	Mr. Harinadh Kusuma	Assistant Professor	VFSTR University	IT
13	Mr. Nazma Sultana Shaik	Assistant Professor	VFSTR University	IT
14	Ms. Prasanthi Kuchupidi	Assistant Professor	VFSTR University	IT
15	Dr. Thiruselvan Subramanian	Assistant Professor	VFSTR University	IT
16	Mrs. Bebi Pravallika Ellineni	Assistant Professor	VFSTR University	IT
17	Mr. Balaji Banothu	Assistant Professor	VFSTR University	IT
18	Mr. Deva Kumar S	Assistant Professor	VFSTR University	CSE
19	Mr. V Rama Krishna Sajja	Assistant Professor	VFSTR University	CSE
20	Mr. Sivaiah B	Assistant Professor	VFSTR University	CSE
21	Mrs. Jyotsna Devi Bodapati	Assistant Professor	VFSTR University	CSE
22	Mr. D S BhupalNaik	Assistant Professor	VFSTR University	CSE
23	Mrs. Suvarna B	Assistant Professor	VFSTR University	CSE
24	Mr. G.S.R. Satyanarayana	Assistant Professor	VFSTR University	CSE
25	Mr. Sivaji Satrasupalli	Assistant Professor	VFSTR University	CSE
26	Mr. P. Sambaiah	Assistant Professor	VFSTR University	ECE
27	Mr. K.Satish	Assistant Professor	VFSTR University	ECE
28	Ms. S. Mrudula	Assistant Professor	VFSTR University	ECE
29	K. Annapurna	Assistant Professor	VFSTR University	ECE
30	P. Venkatappa Reddy	Assistant Professor	VFSTR University	ECE
31	Mr. P. Krishna Chaitanya	Assistant Professor	VFSTR University	ECE
32	Mr. V. Venkata Reddy	Assistant Professor	VFSTR University	ECE
33	Mr. N. Srikanta	Assistant Professor	VFSTR University	ECE
34	Mr. Ashutosh Kumar Dikshit	Assistant Professor	VFSTR University	ECE
35	Mr. N. Ananda Rao	Assistant Professor	VFSTR University	ECE
36	Ms. Prathiba Jonnala	Assistant Professor	VFSTR University	ECE
37	Mr. G.S.R. Satyanarayana	Assistant Professor	VFSTR University	ECE
38	Mr. ChV Ramireddy	Assistant Professor	VFSTR University	CSE
39	Mr. Yakobu Dasari	Assistant Professor	VFSTR University	CSE
40	Mr. Satla Shiva Prasad	Assistant Professor	VFSTR University	CSE
41	Mr. K. Kiran Kumar	Programmer	VFSTR University	IT



Course Inauguration (01/02/2016)



Hands-on Session in Laboratory (04/02/2016)



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(Ext'd u/s 3 of UGC Act of 1956)

**DEPARTMENT OF
INFORMATION TECHNOLOGY**

Certificate Course on Python Programming

Organized by
Department of Information Technology
01st to 19th February 2016

Report on Workshop Conducted

Title: Certificate Course on Python Programming

Dates: From 01st to 19th February 2016

Preamble:

Certificate course on "Python Programming" has been conducted from 01-02-2016 to 19-02-2016 at Department of Information Technology, VFSTR University, Guntur, Andhra Pradesh, in order to enlighten the faculty and research scholars in python language to introduce the language for student and use to implement research applications in various fields

Participant's Profile:

A total of 41 delegates were participated. Among the participants 20 were host department faculty, one non-teaching and 20 were from other department of university.

Description about the Program:

On the inaugural function, Dr. N.Veeranjaneyulu Head of the Department of Information Technology addressed the gathering. He explored the current research fields are more suitable to use python programming and its features. Parallely registration of the participants was done.

After immediately completion of inauguration the sessions were started. Resource person explained various concepts related to python programming language like data structures in python, various versions, features of python programming, various trendy research areas supported by python, etc.

Hands-on sessions were also conducted to practise the concepts discussed theoretically.

The last session was entirely an interactive session and the resource person answered many queries raised by the participants.

Mr.B.Premamayudu, proposed vote of thanks.

The entire programme was co-ordinated with the support of the Head of the Department, faculty, and non-teaching staff of the Department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants expressed their gratitude to staff of department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh., for enhancing the knowledge levels on python language.

Future Perspectives:

The department of Information Technology looking forward to organizing future conferences, FDPs and workshops on AI using python, data analytics with python to strengthen the knowledge levels of research scholars and faculty in the above said domain.

Report Submitted by: Mr. B. Premamayudu

Designation: Associate professor

Department: Information Technology



Signature of coordinator



Signature of HoD



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Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

**A Three Week Certificate Course
on
Python Programming
Certificate of Participation**

This is to certify that Mr./Ms _____
of _____ has participated in the Certification Course on
"Python Programming" Conducted by Departments of CSE & IT of VFSTR University, Vadlamudi during
1-2-2016 to 19-2-2016.

Project Engineer
Blackbuck Engineers & Company

Head, Incubation Center
VFSTR University

Rector
VFSTR University

CHIEF PATRON

Dr.L.Rathaiah

Chairman, VFSTR UNIVERSITY

PATRONS

Dr. K.Ramamurthy Naidu

Chancellor, VFSTR University

Dr.C.Thangaraj

Vice-Chancellor, VFSTR University

CONVENER

Dr. N.Veeranjaneyulu

Professor, HOD, Department of
Information Technology, VFSTR
University

CO-ORDINATOR

Mrs. Lakshmi RSM Patibandla

Assistant Professor, Department of IT

ORGANIZING COMMITTEE

Mr.B.Premamayudu, Assoc.Professor

Mr. U.Janardhan Reddy, Asst.Professor

Mr.A.N.LakshmiPathi, Asst.Professor

Mrs. K.Santhi Sri, Asst.Professor

Ms.K.Prasanthi, Asst.Professor

Mrs. Sk.Nazma Sultana, Asst.Professor

TARGET AUDIENCE

Faculty and Research Scholars of IT,
CSE, ECE, and other branches of
engineering can attend this workshop.

IMPORTANT DATES

Last date for Registration :17-12-2015

Confirmation of Registration:19-12-2015

REGISTRATION DETAILS

Registration Fee: Free

CORRESPONDENCE

Mrs. Lakshmi RSM Patibandla

Assistant Professor,

lakshmi1982@gmail.com

Mob: +91 9442466478

Resource Person

D.Venkat

Team Lead, Zen Software Solutions, Hyderabad.

Venue

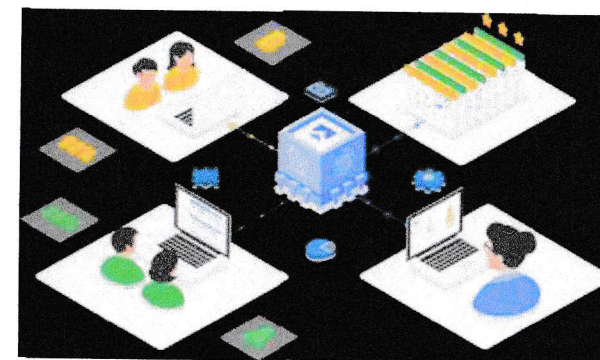
ATF-06, III Floor, U-Block,

Department of IT

VFSTR UNIVERSITY

A Two Day Workshop on Open Source Technologies

21-12-2015 & 22-12-2015



Organized by

**Department of
Information Technology**



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VFSTR UNIVERSITY

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actively involved in research activities in the field of their specialization. They have published number of papers in Journals and Conferences of National and International repute. The Department attributes its success to the creative and innovative outlook of its students. The Department encourages students to participate in Technical Workshops, Coding competitions, Project Exhibitions and Symposiums to present papers. Students are also made to undergo 6 Month Industrial Internship during final year, where they hone their technical skill in the realm of computers.

About Workshop

Objective of Workshop:

To enable the participants in creating and maintaining an institutional digital library (IDR) at their own;

To provide advanced level training on creating digital library services including discovery services;

To develop the technological skills to the participants through hands-on training on various aspects and issues of the modern libraries.

Outcome of Workshop:

Rapid Innovation - Quick access to innovation for the enterprises. Proprietary software takes a longer time in terms of the releases and support contracts etc to get something new into the IT landscape. With Open Source lesser cost similar capability can be built which is created a level playing field for Start ups and smaller firms.

A Two Day Workshop on Open Source Technologies

21-12-2015 & 22-12-2015

REGISTRATION FORM

Name: _____

Designation: _____ Dept: _____

Institute/College: _____

Address: _____

Phone: _____ Fax: _____

Mobile No: _____

Email ID: _____

Is Hostel Accommodation required? Yes/No

Signature
Date:

Signature and Seal of
Principal/HOD

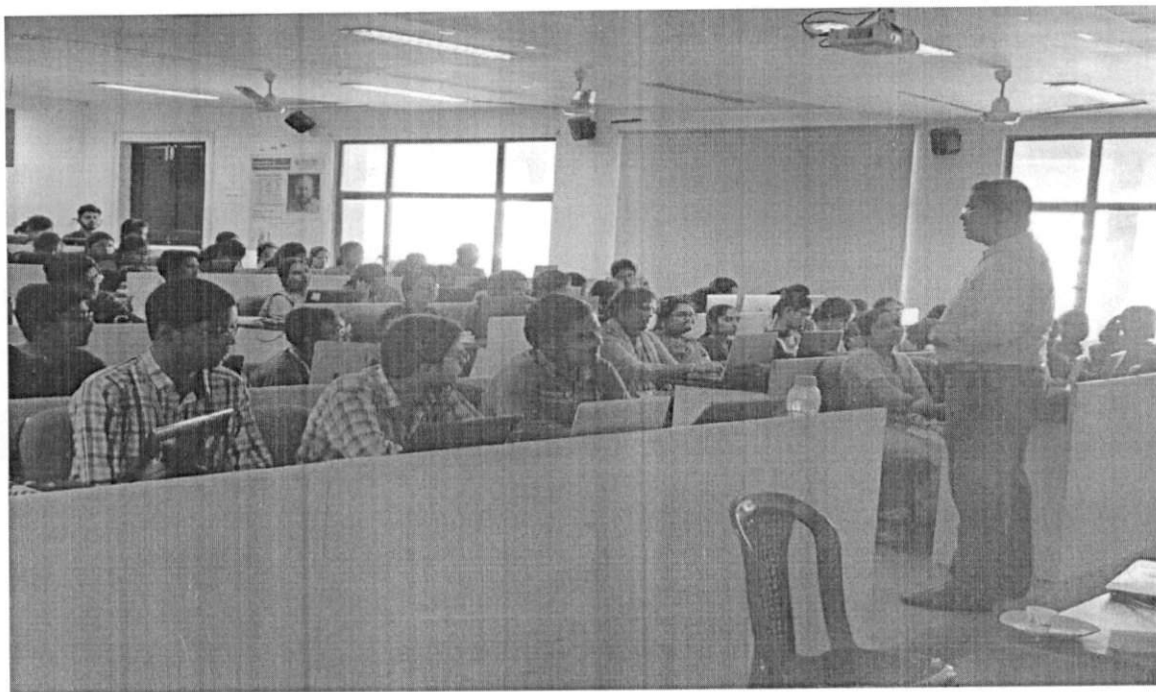
VFSTR UNIVESITY
DEPARTMENT OF INFORMATION TECHNOLOGY
TWO DAYS WORKSHOP ON OPEN SOURCE TECHNOLOGIES
21-12-2015 and 22-12-2015
Participants Attendance

S.No	Name of the Participant	Designation	College/ University	DEPT
1	K. Praveen Kumar	Asstt. Professor	VFSTR University	IT
2	Ch. Padmini	Asstt. Professor	VFSTR University	IT
3	A. Raghu Nath	Associate Professor	VFSTR University	IT
4	Ch. Siva Koteswara Rao	Asstt. Professor	VFSTR University	IT
5	B. Premamayudu	Associate Professor	VFSTR University	IT
6	S.Salamuddin	Asstt. Professor	VFSTR University	IT
7	Dr. N. Veeranjanyulu	Professor	VFSTR University	IT
8	P. Subba Rao	Asstt. Professor	VFSTR University	IT
9	Dr. M. Nirupama Bhat	Associate Professor	VFSTR University	IT
10	K. Santhi Sri	Associate Professor	VFSTR University	IT
11	PRSM Lakshmi	Asstt. Professor	VFSTR University	IT
12	M.V Naresh	Asstt. Professor	VFSTR University	IT
13	D.Nagabhushanam	Asstt. Professor	VFSTR University	IT
14	A.N. LakshmiPathi	Asstt. Professor	VFSTR University	IT
15	S. Suresh Babu	Asstt. Professor	VFSTR University	IT
16	U. Janardhan Reddy	Asstt. Professor	VFSTR University	IT
17	T.V.Subramanyam	Asstt. Professor	VFSTR University	IT
18	Sk. Nazma Sultana	Asstt. Professor	VFSTR University	IT
19	K. Prasanthi	Asstt. Professor	VFSTR University	IT
20	A. Rama Krishna	Professor	VFSTR University	IT
21	G. K. Harinath	Asstt. Professor	VFSTR University	IT
22	P. Radha Madhavi	Asstt. Professor	VFSTR University	IT

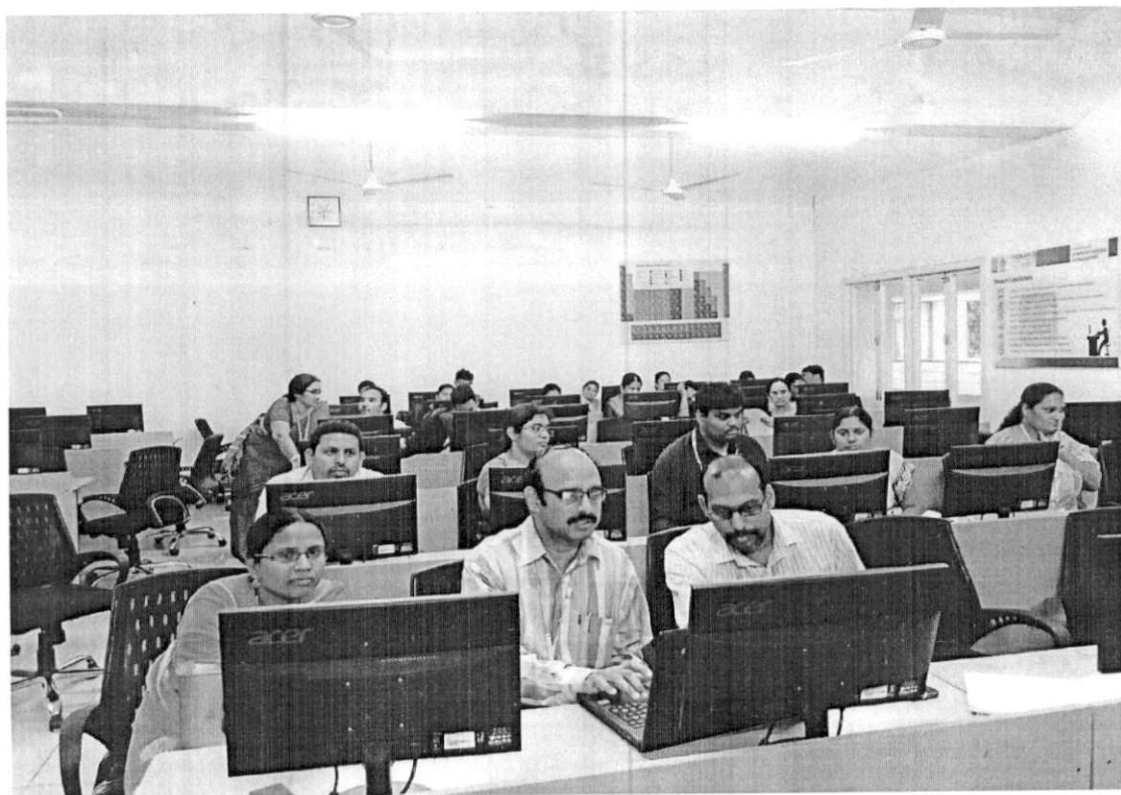
23	Ilavarasan	Asstt. Professor	VCET	CSE
24	Deepan	Asstt. Professor	S.R.K.I.T	CSE
25	Venkateshwara rao	Asstt. Professor	S.R.K.I.T	CSE
26	Sailaja vadlamudi	Asstt. Professor	Vasireddy Venkatadri Institute Of Technology Guntur	IT
27	jeyanthi velaga	Asstt. Professor	Vasireddy Venkatadri Institute Of Technology Guntur	IT
28	Srilakshmi	Asstt. Professor	VRS Engineering College	CSE
29	Amritha Mishra	Asstt. Professor	VRS Engineering College	CSE
30	Saravana rao	Asstt. Professor	Sri Mittapalli College Of Engineering SMCE, Guntur	IT
31	Somu Sathishkumar	Asstt. Professor	Sri Mittapalli College Of Engineering SMCE, Guntur	IT
32	Srilakshmi	Asstt. Professor	SIT	CSE
33	M. Ram Bhupal	Asstt. Professor	SIT	CSE
34	Kamaraju Gadda Indumathy	Asstt. Professor	NRI Institute Of Technology, Guntur	CSE
35	Guram Rajeshkumar	Asstt. Professor	NRI Institute Of Technology, Guntur	CSE
36	Bondili Rajeev Singh	Asstt. Professor	Malineni Lakshmaiah Womens Engineering College, Guntur	IT
37	Jammalamadaka Ramesh	Asstt. Professor	Malineni Lakshmaiah Womens Engineering College, Guntur	IT
38	M.Suresh Babu	Asstt. Professor	RKCE	IT
39	A. Veda Sri	Asstt. Professor	RKCE	IT
40	T.V.B. Swamy	Asstt. Professor	RKCE	CSE
41	Jaladi Rajesh	Asstt. Professor	Sri Chundi Ranganayakulu Engineering College	CSE
42	Vemula Kessavakumar	Asstt. Professor	Sri Chundi Ranganayakulu Engineering College	CSE
43	Dr. Mrs. Sri Lakshmi Uppalap	Asstt. Professor	VFSTR University	CSE
44	Dr.T.P.Latchoumi	Asstt. Professor	VFSTR University	CSE
45	Dr. M Shanmugam	Associate Professor	VFSTR University	CSE
46	Mr. Deva Kumar S	Asstt. Professor	VFSTR University	CSE
47	Mr. V Rama Krishna Sajja	Asstt. Professor	VFSTR University	CSE
48	Mr. Sivaiah B	Asstt. Professor	VFSTR University	CSE
49	Ms. DeeviRadha Rani	Asstt. Professor	VFSTR University	CSE
50	Mr. Pavan Kumar Kolluru	Asstt. Professor	VFSTR University	CSE
51	Mr. Yakobu Dasari	Asstt. Professor	VFSTR University	CSE
52	Mr. Satla Shiva Prasad	Asstt. Professor	VFSTR University	CSE
53	Mrs. RadharaniSajja	Asstt. Professor	VFSTR University	CSE
54	Mrs. BhargaviMaridu	Asstt. Professor	VFSTR University	CSE
55	Mrs. Shareefunnisa Syed	Asstt. Professor	VFSTR University	CSE

A Two Day Workshop on Open Source Technologies

21-12-2015 to 22-12-2015



Discussion on Open Source Technologies



HANDS-ON SESSION IN LABORATORY



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DEPARTMENT OF INFORMATION TECHNOLOGY

A Two Day Workshop on Open Source Technologies

Organized by

Department of Information Technology

21-12-2015 to 22-12-2015

Report on Workshop Conducted

Title: A Two Day Workshop on Open Source Technologies

Dates: 21-12-2015 & 22-12-2015

Preamble:

A Two Day Workshop on "Open Source Technologies" has been conducted from 21-12-2015 & 22-12-2015 at Department of Information Technology, VFSTR University, Guntur, Andhra Pradesh, in order to enlighten the faculty and research scholars in Open Source Technologies to introduce the issues in open source software for faculty and use to implement research applications in various fields.

Participant's Profile:

In this workshop 55 delegates were participated. Among the participants 35 were host department faculty(internal) and 20 were from other department of university(external).

Description about the Program:

On the inaugural function, Dr. N. Veeranjanyulu, Head of the Department of Information Technology addressed the gathering. He explored the current trends in Open Source Technologies and its features. After immediately completion of inauguration the sessions were started. Resource person explained Open source software is software with source code that anyone can inspect, modify, and enhance. "Source code" is the part of software that most computer users don't ever see; it's the code computer programmers can manipulate to change how a piece of software—a "program" or "application"—works. Programmers who have access to a computer program's source code can improve that program by adding features to it or fixing parts that don't always work correctly. Open source technology is defined as the production and development philosophy of allowing end-users and developers to not only see the source code of software, but modify it as well. ... As outlined in most open source license agreements, ownership of the software can never transfer to anyone who modifies the software. All the participants were attended all the sessions and learned the concepts explained in the course. The both days were entirely an interactive session and the resource person answered many queries raised by the participants.

Ms. Lakshmi RSM Patibandla proposed the Vote of thanks.

The entire programme was co-ordinated with the support of the Head of the Department, faculty, and non-teaching staff of the Department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh.

Feedback:

All the participants expressed their gratitude to staff of department of Information Technology, VFSTR University, Vadlamudi, Guntur-522213, Andhra Pradesh., for enhancing the knowledge levels on Open Source Technologies.

Future Perspectives:


The department of Information Technology looking forward to organizing future conferences, FDPs and workshops on AI using python, Data Science, information Security, Data Analytics with Python to strengthen the knowledge levels of research scholars and faculty in the above said domain.

Report Submitted by: Lakshmi RSM Patibandla

Designation: Assistant Professor

Department: Information Technology


Coordinator


HOD / IT



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UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

A Two day workshop
On
Open Source Technologies
Certificate of Participation

This is to certify that Dr./Ms./Mr. _____
has Successfully participated the "A Two day workshop on Open Source
Technologies" Organized by the Department of INFORMATION TECHNOLOGY
from 21-12-2015 to 22-12-2015.

Coordinator

P.R.S.M. Lakshmi

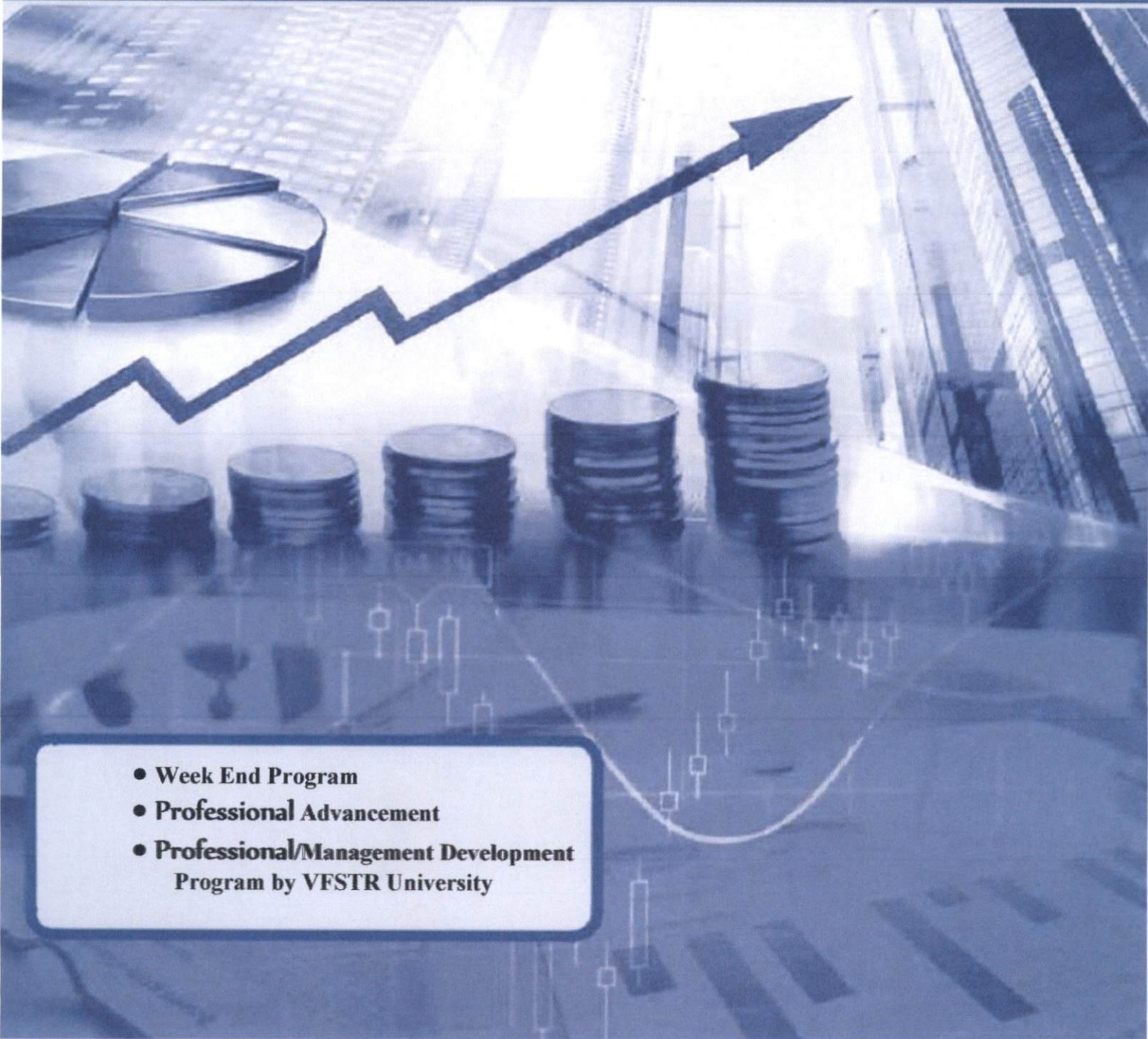
HoD, IT

Dr.N.Veeranjaneyulu



VIGNAN'S
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UNIVERSITY
Building young India

PROFESSIONAL DEVELOPMENT PROGRAMME IN BANKING & FINANCE 2015-16

- 
- **Week End Program**
 - **Professional Advancement**
 - **Professional/Management Development
Program by VFSTR University**

Professional Development Program (PDP) in Banking & Finance 2015-16

About VFSTR University & DMS

Vignan's Foundation for Science, Technology & Research is located in the serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali. The college is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred choices for the aspirants of Engineering and Management studies. Since its inception in 1997, this institution has been striving to promote high standards in technical and Management education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. The University campus is Wi-Fi enabled and connected to external world through National Knowledge Network (NKN).

The Department of Management Studies (DMS) started functioning from 2009 with the twin objectives of providing quality management education to students coming from predominantly rural background and catering to the dynamic needs of the corporate world. It offers a two-year full-time MBA Programme, and three-year under graduate Programme in management. In view of the popularity of these courses, SMS has introduced a Five year Integrated Master Programme (B.B.M+M.B.A), and also a Doctoral Programme. Our contemporary management programmes recognize the importance of leadership, promotion of innovative and entrepreneurial behavior and corporate social responsibility.

About the Course:

The Indian Banking sector is in a transition phase. Growing competition among banks and financial intermediaries, both national and international, has heralded rapid and unforeseen changes in the financial services environment. The last year has seen emergence of more Universal Banks, Payment Banks and Small Banks

Banks have to change fast to adapt to the new realities. To facilitate this transformation, empowerment of the middle and senior management with necessary skill-sets is essential.

The Professional Development Programme (PDP) aims at equipping middle and senior management level officials with appropriate management skills needed to succeed in the emerging competitive global market place and changing paradigm of Banking.

Programme Highlights:

- A 30-hour Management Development Programme (MDP) conducted by VFSTR University in the campus. Prof. Y.Venugopala Rao and Prof. B. Saragapani will be the Programme Directors for the MDP.
- A comprehensive Management Course of about 8 months at VFSTR, Vadlamudi, in the areas of banking and finance with a focus on, resource mobilization, information technology, international banking, credit management and monitoring, treasury management, business analytics, integrated risk management, etc.
- Sessions by Industry experts and academicians.
- Case study based approach to learning.

PDP at Department of Management Studies(DMS) in Vadlamudi:

The PDP program will start 16-August-2015 and will end on 30--April-16.

This announcement is for the first PDP scheduled at the DMS. Last date for receipt of applications is 7th August, 2015 and *the course will commence on 16th August 15*. The course calendar has been revised keeping in view the feedback and the contemporary needs of the industry.

The Programme has been made more comprehensive and strategic, keeping in view emerging ideas and trends in Banking, and is expected to be completed in April 2016. The program is well accepted in the Indian Banking Industry.

Course Fee	Amount
Students	8,000/-
Industry	12,000/-

Objectives:

The Participants will be able to:

- Enhance their managerial competence
- Develop global strategic perspectives on banking & finance
- Inculcate advanced skills for handling emerging challenges
- Develop managerial and team building attributes

Specific Thrust / Coverage:

- Business Strategy and Change Management
- Framework of the national and international banking / finance industry and competitive analysis
- Risk management tools / skills
- Business Analytics
- Customer Relationship Management
- Corporate governance, Compliance and related issues in global banking arena
- Creative and lateral thinking to develop innovative financial products / services
- Communication, presentation and marketing skills

Unique Features:

- On-site 30 hours Management Development Programme at VFSTR University, Vadlamudi.
- Contemporary syllabus and holistic coverage of all important aspects of Banking & Finance segment
- Availability of excellent campus at the DMS, VFSTRU with complete facilities such as Computer Lab, library equipped with leading Financial Journals, Wi-Fi environment, etc.

Benefits:

This being a non-residential week-end programme, it allows the candidate to pursue a management course without interfering with the work schedule or without the need for taking a sabbatical. It encourages cross-culture learning and helps the participants to keep pace with the changes. This, being a campus based education course, is an excellent opportunity for continuous professional development which will be helpful in enhancing career growth.

The Course will be ideal for:

- Officers who possess a graduate or higher qualifications, working in banks with around 10 years of work experience. VFSTRU, DMS will give preference to those who are in middle management cadre of banks and students.
- Executives from middle and senior management cadre in financial sector and NBFCs with around 10 years of work experience.

Pedagogy:

- classroom lectures
- case method of learning
- simulation of business operations
- group/individual presentations
- assignments/project work

Faculty Support:

- Expert faculties
- Experts / Practitioners from the Banking and Finance fields
- Academicians from leading B-Schools

Selection Procedure:

- Sponsorship / Self-Finance / Nomination / Recommendation by bank / organization is desirable.
- In case candidates are not sponsored by bank / organization, they may have to undergo an interface with Dean - Training, VFSTR U before their nomination is confirmed.

Programme Duration:

- Being a week end programme the completion of the course will take about 8 months
- Classes will be held on Saturday and Sundays (10.00 am to 5.00 pm)

Certification:

- On successful completion of Management Development Programme, VFSTR University, Vadlamudi will award a 'Certificate of Participation' to participants.
- After completion of PDP course requirements, candidates will be awarded a 'Certificate in Executive Development in Banking & Finance'.

COURSES

SEMESTER – I

- I. Management Development Programme comprising of -
 - A. Principles & Practices of Management,
 - B. Macro-Economics,
 - C. Organisational Development & Organisational Behavior,
 - D. Strategic and Change Management, and,
 - E. Integrated Marketing Management in Banks
2. Banking Resources and Products
3. Impacts of Business Laws and Regulations on Banking
4. Information Technology in Banking
5. Data Management and MIS in Banks
6. Business Analytics and Quantitative Techniques for Managers
7. Credit Management and Financial Analysis
8. Credit Monitoring and Recovery Management
9. Leadership in Banking

SEMESTER – II

10. International Banking and Foreign Exchange Market
11. Treasury Management
12. Corporate Banking, Financial Advisory and Merchant Banking Services
13. Investment Banking, Valuations for Mergers & Acquisitions, Valuation of firms & Venture Capital
14. Investment Analysis and Derivatives
15. Integrated Risk Management in Banks
16. Business Ethics and Corporate Governance

SEMESTER-WISE SESSION PLAN

SEMESTER – I

I. Management Development Programme comprising of

Sl. No	Contents
A	Principles and Practices of Management
1	Introduction to principles of management, Banking organizations -characteristics
2	Business models, vision, mission, strategy
B	Macro-Economics for Banking
1	Introduction to principles of Macroeconomics, fundamentals, macroeconomic aggregates, policy frame work
2	Keynes model, Tobins Q model, financial repression, hypothesis of Mackinnon Shaw
3	Monetary policies, impact, signals, monetary tools
4	Fiscal policy, importance, impact, approaches, Trade policies and approaches
C	Organisational Development and Organisational Behaviour
1	Individual behaviour, individual personality traits, perceptions, attitudes
2	Motivation, group behaviour, team building
3	Managing work place communication, organizational roles
4	Conflict resolution, conflict management
5	Negotiation techniques
D	Strategic Management and Change Management
1	Concepts, strategic imperatives, core competencies
2	Change management concept, managing change, change process, change priorities, unfreezing, changing, refreezing, skills, strategies
E	Integrated Marketing Management in Banks
1	Environment scanning - Market segmentation and Targetting - Marketing mix, competition, industry structure, value chain, consumer behaviour
2	Positioning, product strategies, process strategies, distribution strategies, services designing and positioning, service management, feedback and gap analysis
3	Branding in Banking and use of social media for marketing, Corporate Social Responsibility for Brand building
4	Customer relationship management - Customer acquisition strategies - Customer retention strategies
	Total 30 hours *

* The contents of the above Module of 30 hours are indicative and will be finalised by VFSTR University, Vaddlamudi

2. Banking Resources and Products

SL. No	CONTENTS	HOURS
1	Introduction to sources of funds, Types of deposit products, Certificate of Deposits	3
2	Money market instruments - short term / long term sources	1
3	Long term sources, Tier-I and Tier-II instruments, Debt Capital	2
4	Asset products, Comparison with other investment products, Banking services	3
5	Product development techniques, Impact on ALM, wealth management products, Third Party Products	3
6	Banking Products & Services for Financial Inclusion	3
7	Evaluation	1
	Total	16

3. Impacts of Business Laws/Regulations on Banking

SL. No	CONTENTS	HOURS
1	Important provisions of Banking Regulation Act, RBI Act	1
2	Negotiable Instruments Act, Law of limitation, transfer of property act	2
3	Companies Act, Partnership Act, Agency, Sale of goods	2
4	Indian Contract Act, Guarantee, Indemnity, Bailment, Pledge, Bankers Books Evidence Act	2
5	IT Act, Consumer Protection Act, Ombudsmen scheme, Taxation	2
6	Regulations and rules, Compliance, KYC / AML / CFT norms, FIU, AML returns	2
7	Balance sheet, disclosures, accounting standards and compliances	1
8	Evaluation	1
	Total	13

4. Information Technology in Banking

SL. No	CONTENTS	HOURS
1	An over view of IT Growth in Banking industry - IT policy in Banking	1
2	Banking software, application software, core banking solutions	1
3	Alternate delivery channels and IT applications, ATMs White label ATMs- Cash Points	1
4	Remittances and IT - NEFT - RTGS - IMPS - technology understanding. Payment Banks	2
5	Security policy and compliance - Information Audit - Data Centre Management and Business continuity plans	1
6	Cash Management and IT applications. Cloud Computing.	1
7	IT in e- business ITC and financial Inclusion MS applications, use of excel in financial analysis Frauds and IT. Cybercrimes and Banking, Phishing and Social Engineering, Role of Staff awareness on Cyber Security	2
8	Evaluation	1
	Total	10

5. Data Management and MIS in Banks

Sl. No	CONTENTS	HOURS
1	MIS concepts, role, process management, decision making concepts, models	2
2	MIS and informed decision making, MIS applications	1
3	Data mining - meaning, techniques, process	1
4	Data warehousing, collection of data, sterilization of data, data administration, - fundamentals, control, usage, validation, data protection, continuity plans	2
5	Web management, Web enabled MIS, default probability modelling	2
6	Relevance of reporting and returns in banking	1
7	Evaluation	1
	Total	10

6. Business Analytics and Quantitative Techniques for Bankers

Sl. No	CONTENTS	HOURS
1	Need for Business Analytics in today's environment - Segmentation, Association, Business Rules	2
2	Overall understanding of typical business analytics model used in Banking - Risk model, Acquisition model	2
3	Retail Credit Analytics, Commercial Credit Analytics, Liability Products - Use of Analytics, Future Road Map of Business Analytics	2
4	Quantitative techniques for Managers Basic mathematics for managers - Statistical applications in business development	2
5	Probability and probability distributions, sampling and sampling distributions, business forecasting techniques, correlation, regression, time series analysis	4
6	Evaluation	1
	Total	13

7. Credit Management, Financial Statement Analysis, Working Capital Assessment and Project Appraisal

Sl. No	CONTENTS	HOURS
1	Introduction to Management of Credit portfolio - Credit policy of commercial banks	1
2	Credit rating, pricing, - External Rating	2
3	Financial appraisal, balance sheet and Profit and Loss statement analysis - ratio analysis -break even analysis	3
4	Working capital assessment - different methods of working capital assessment - operating cycle method, Turn over method, cash budget method, CMA Data Analysis	3
5	Project appraisal, planning capital investments, capital budgeting, feasibility study, market, technical and financial analysis, Cost of project, funding, over runs, gearing, projected cash flow, projected balance sheet, NPV, IRR, payback period, sensitivity analysis, decision tree	3
6	TEV Study, Funds flow and Cash flow analysis	3
7	Evaluation	1
	Total	16

8. Credit Monitoring and Recovery Management

Sl. No	CONTENTS	HOURS
1	Credit monitoring - credit review, follow up, credit defaults, causes, effect, credit cost), provisioning, restructuring,	3
2	Recovery management, NPA management policy	3
3	Stressed Assets Management and Corporate Debt Restructuring, Strategic Debt Restructuring	3
4	Legal recourse, SARFAESI Act, DRT, OTS, sale to ARCs, securitization	3
5	Evaluation	1
	Total	13

9. Leadership in Banking

Sl. No	CONTENTS	HOURS
1	Leadership models and Types-Issues and effectiveness, Mentoring in Banks	3
2	Leadership Pipeline Management	1
3	Talent Management in Banks	2
4	Balance sheet Management and Managing profitability	3
5	Evaluation	1
	Total	10

SEMESTER-WISE SESSION PLAN SEMESTER – II

10. International Banking and Foreign Exchange Markets

Sl. No	CONTENTS	HOURS
1	International Banking Strategies, host country regulations, business plan formulations	3
2	International treasury and funds management, pricing of asset products and liability products, domestic funding through international markets, investments portfolio, exotic products	3
3	Trade Finance and Trade Advisory Services, Foreign Currency Loans (Export, FCNRB, ECB), Correspondent Banking Services	3
4	Foreign Exchange Mechanism, Rates, Quotations, Spot / Forward, Hedging Products and Derivatives	3
5	Evaluation	1
	Total	13

II. Treasury Management

Sl. No	CONTENTS	HOURS
1	Objectives of Treasury, Structures & Organisation, Functions of a Treasurer, Role & responsibility of a Treasurer, Cost Centre, Profit Centre, Integration, Internal Control Guidelines, Planning & Control	3
2	Asset Liability Management, Liquidity Coverage Ratio, Compliance and impact of CRR and SLR, RTGS and CCIL settlements	3
3	G-Secs, RBI Auctioning, Bond dynamics, Investment and Valuation guidelines	3
4	Various Types of Risks in Treasury Operations, Risk Management Tools	3
5	Evaluation	1
	Total	13

12. Corporate Banking, Financial Advisory & Merchant Banking Services

Sl. No	CONTENTS	HOURS
1	Corporate Banking Products, Cash Management Services & other Corporate Services Products	2
2	Channel Finance, Relationship Management	1
3	Syndication of Loans, Foreign Currency Loans	2
4	Export Credit Products, Offshore Banking Products for Corporates	1
5	Financial Advisory Services, Transaction Advisory Services, Investment Banking & Merchant Banking services, Supply chain financial advisory services and Forex Management Advisory Services	3
6	Evaluation	1
	Total	10

13. Investment Banking, Valuations for Mergers & Acquisitions, Valuation of firms & Venture Capital

Sl. No	CONTENTS	HOURS
1	Investment Banking, functions, Importance, Broad understanding of working of Investment Banks including Regulatory Compliances	1
2	Mergers and Acquisitions, Objectives, Regulation types	1
3	Classification of Mergers - Horizontal, Vertical, Conglomerate, Reverse Mergers, Acquisitions, Characteristics	2
4	Accounting Treatments, Tax treatments, Valuations	2
5	DCF, Equity Valuation, Firm Valuation, Stable growth valuation, Technical Valuation, Growth patterns	2
6	Building blocks of valuation, EPS, ROE, Leverage factors, Stable Period Payout, Dividend discount model,	2
7	Indian Law and Practices in Valuation, Venture Capital, Characteristics, Angel investors, fixed Lifetime funds, Private Equity, Indian market practices	2
8	Evaluation	1
	Total	13

I4. Investment Analysis and Derivatives

Sl. No	CONTENTS	HOURS
1	Portfolio Return and Risk Measurement, Modern Portfolio Theory, Markowitz Optimization Model, Portfolio Selection Model.	3
2	Construction of Efficient Portfolio, Capital Asset Pricing Model, Efficient Market Hypothesis, Random Walk Theory	3
3	Behavioural Finance, Growth Investing, Value Investing and Focus Investing, Portfolio Performance Evaluation	3
4	Fundamental Analysis, Economic Forecast, Fair Value Computation, Technical Analysis, Fibonacci Analysis, Chart Patterns	3
5	Financial Derivatives - Nature, types and fundamentals, Risk Management and Hedging Strategies Swaps and Swaptions, Option Strategies and Valuation parameters	3
6	Evaluation	1
	Total	16

I5. Business Ethics and Corporate Governance

Sl. No	CONTENTS	HOURS
1	Introduction to Ethics, Relevance in business, Ethics and Corporate longevity, Ethics and Corporate Image	1
2	Ethical index, ethical leadership, corporate governance – meaning, importance and regulatory guidelines	1
3	Corporate Governance Framework, Supervisory, regulatory and monitoring process	1
4	Compliance function in a Bank scope and role	2
5	Stakeholders, rights, responsibilities, Functioning and responsibilities of Board, Board Committees	1
6	Audit Committee of Board, Functions and Responsibilities, Disclosures, transparencies and implications	2
7	SEBI guidelines on Corporate Governance	2
8	Corporate governance in the banking industry and Indian Scenario	2
9	Evaluation	1
	Total	13

I6. Integrated Risk Management in Banks

Sl. No	CONTENTS	HOURS
1	Definition of Risk, Risk Process, Risk Organisation and Management	1
2	Operational Risks and its Management	2
3	Credit Risk Management and related Basle III Guidelines	3
4	Basel Norms on Capital Adequacy, Advanced Approaches for capital computation, Liquidity ratios, Leverage ratios	3
5	Market Risk Concept and Measurement, VAR, Currency Risk and Asset Liability Management	3
6	Risk mitigating and hedging instruments and mechanism, Convergence of Risks	3
7	Monitoring Risk based Audit, Risk mitigations	3
8	Evaluation	1
	Total	19

Recommended Reading: The Library at the VFSTR University in Vadlamudi has good collection of Books which cover the programme curricula.

The focus is more on practical application of the theory in the work place. The speakers, who are subject experts drawn from the industry and academia from business schools, will recommend the reading for the topics covered.

Total Course Duration: 240 hours

Evaluation Process:

1. 75 % attendance is mandatory for candidates.
2. For each (subject) course, 80 marks will be allotted. Break up of 80 marks will be as follows:

Attendance and class room performance	Assignments	Written Test
20 marks	30 marks	30 marks

3. Minimum pass marks will be 50 % for each (subject) course.
4. Successful participation at Management Development Programme at VFSTR University, followed by an Evaluation.
5. Candidates will be required to make two Individual and Group Presentations during each Semester, ie., total 4 Presentations. For each Presentation, 50 marks will be assigned.

Project assignments will be on subjects identified by the sponsoring bank / organization. In case, the sponsoring bank / organisation does not allot any specific subject, VFSTR University, DMS will identify the subject. 100 marks will be assigned to the project work. Minimum pass marks will be 50%. The project will be evaluated by experts identified by DMS. The project findings will be the intellectual property of VFSTR University. In case sponsoring bank identifies the project, it will be the intellectual property of VFSTR University / sponsoring bank jointly.

Remittance of Fees:

The fees may be remitted to the credit of Institute's account with UCO Bank, details of which are given below:

- Name of the Bank branch: UCO Bank, Vadlmaudi
- Name of the Account: VFSTR General funds
- Account No.: 21890210000106
- IFSC code: UCBA0002189

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VIGNAN'S
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(Estd u/s 3 of UGC Act of 1956)

CERTIFICATION OF PARTICIPATION

has Successfully Participated in Professional Development Program on "Banking and Finance" from
16th August, 2015 to 30th April, 2016. Organized by Department of Management Studies, Vignan's
Foundation for Science, Technology & Research University, Vadlamudi.

CO-ORDINATOR

HOD, MBA



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

PDP on Banking and Finance

16th August 2015 – 30th April 2016.

PROGRAMME REPORT

The PDP "Banking and Finance" is a comprehensive management course of about 8 months at VFSTR, Vadlamudi, in the areas of banking and finance with a focus on, resource mobilization, information technology, international banking, credit management and monitoring, treasury management, business analytics, integrated risk management, etc. This Professional Development Programme (PDP) conducted by the department of Management studies of VFSTR University in the campus. Prof. Y.Venugopala Rao and Prof. B. Saragapani will be the Programme Directors for the PDP.

The program was inaugurated by dignitaries from various fraternities of Vignans University. The inaugural function was presided by Dr L Rathiah, Chairman of Vignan Group of Institutions, under the presence of eminent academician and chief guest. Dr.D. Prabhakar, Krishna University, AP Dr. M.S.Raghunathan, Registrar of Vignan group of Institutions and Dr Balamurugan, Assoc Dean, IQAC, VFSTRU and Mr. Vijay Krishna, HOD department of Management Studies. VFSTRU are the guests of honour, participated in the same. 30 participants from various institutes had participated in the program and the program schedule and the rules of AICTE-ISTE were elaborated to them. Total Rs4,86,665/- has been collected as registration fee. The program ended with valedictory ceremony where certificate presented to the qualified participants by Prof. Y.Venugopala Rao and Prof. B. Saragapani. The coordinator had elaborated on the remarks of the program and the vote of thanks was given by the organizing secretary.

1st SEM PROGRAM SCHEDULE:

Timings:10AM to 5PM

PROGRAM Resource Person:

Dr. B. Sarangipani

Dr. k. Siva Nageswar Rao

Mr. K Phanny Kumar

Month /year	1 st Week End	2 nd Week End	3 rd Week End	4 th Week End	5 th Week End
August-15	-	Ice Breaking, Principles & Practices of Management	Banking organization's characteristics	Business models, vision, mission, strategy	Evaluation
September-15	Macro-Economics for Banking	Introduction to principles of Macroeconomics, fundamentals, macroeconomic aggregates, policy framework	Keynes model, Tobin's Q model, financial repression, hypothesis of Mackinnon Shaw	Monetary policies, impact, signals, monetary tools, Fiscal policy, importance, impact, approaches, Trade policies and approaches	-
October-15	Organisational Development & Organisational Behaviour,	Individual behaviour, individual personality traits, perceptions, attitudes	Motivation, group behaviour, team building	Managing work place communication, organizational roles	Conflict resolution, conflict management
November-15	Negotiation techniques	Strategic and Change Management,	Change management concept, managing change,	change process, change priorities, unfreezing, changing, refreezing, skills, strategies	Evaluation

Décember -15	Positioning, product strategies, process strategies, distribution strategies, services designing and positioning, service management, feedback and gap analysis	Branding in Banking and use of social media for marketing, Corporate Social Responsibility for Brand building	Customer relationship management - Customer acquisition strategies - Customer retention strategies	Activity and Evaluation	-
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2nd SEM PROGRAM SCHEDULE:

Timings:10AM to 5PM

PROGRAM Resource Person:

Dr. B. Sarangipani

Dr. k. Siva Nageswar Rao

Mr. K Phanny Kumar

Month /year	1st Week End	2nd Week End	3rd Week End	4th Week End	5th Week End
Jan-16	Banking Resources and Products	Banking Resources and Products	Impacts of Business Laws/Regulations on Banking	Impacts of Business Laws/Regulations on Banking	Evaluation
Feb-16	Information Technology in Banking	Data Management and MIS in Banks	Business Analytics and Quantitative Techniques for Bankers	Business Analytics and Quantitative Techniques for Bankers	-
March-16	Credit Monitoring and	Leadership in Banking	International Banking and	Investment Banking, Valuations for Mergers &	-

	Recovery Management	& International Banking and Foreign Exchange Markets	Foreign Exchange Markets & Treasury Management	Acquisitions, Valuation of firms & Venture Capital	
April- 16	Investment Analysis and Derivatives	Corporate Banking, Financial Advisory & Merchant Banking Services	Business Ethics and Corporate Governance in Banking sector	Integrated Risk Management in Banks	Evaluation


HOD, MBA

Mr. D. Vijay Krishna.

DEPARTMENT OF MANAGEMENT STUDIES
VFSTR DEEMED TO BE UNIVERSITY
VADL: MUDI-522 213
A.P. INDIA.

PDP on Banking and Finance

16th August 2015 – 30th April 2016.

Participants List

S.No	Name
1	DR. MADHUSUDHANA BANDLAMUDI
2	MR. NAGABHUSHAN ALAPARTHI
3	DR. KALPANA KONERU
4	Mr. PHANI KUMAR KATURI
5	Mrs. HYMAVATHI CHUNDURI
6	DR. SRINIVAS REDDY
7	MR. DHULIPALLA VIJAY KRISHNA
8	Mr. HANUMANATHA RAO SAMA
9	DR. KOLUSU NAGESWARARAO
10	MR. KISHAN VARMA MANTHENA SUNNY
11	MR. SUDHEER SANNIKANTI
12	Mr. SIVA MANUKONDA
13	Mrs. LAKSHMI POLI
14	DR. MADARANTAKAM RAGHUNATHAN
15	MR. NAGA RAJU BEJJAM
16	Mr. SAMBAIAH RAJAVARAPU
17	MR. POLAVARAPU VAMSIKRISHNA
18	DR. Y. V. RAO
19	MR.P.NAGABRAHMACHARI
20	DR.P.PURUSHOTHAM
21	DR.CH.HARI GOVINDA RAO
22	MR. KAUSTAV SAHA
23	DR. R. SRINIVASA RAO
24	DR. PARDHA SARADHI
26	Ms . A. SIRISHA
27	Ms. NILEMA
28	Mr. ABDUL BASHEER
29	Mr. PANDA
30	Mr. SANDEEP


HoD, MBA

Mr.D. Vijay Krishna

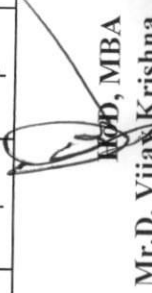
DEPARTMENT OF MANAGEMENT STUDIES
VFSTR DEEMED TO BE UNIVERSITY
VADL. MUE-522 213
A.P. INDIA.

PDP on Banking and Finance

16th August 2015 – 30th April 2016.

Attendance Sheet

S.No	Name	Aug-15			Sep-15					Oct	
		16th	21th	28th	4th	11th	18th	25th	2nd	9th	
1	DR. MADHUSUDHANA BANDLAMUDI	P	P	P	P	P	P	P	P	P	
2	MR. NAGABHUSHAN ALAPARTHI	P	P	P	P	P	P	P	P	P	
3	DR. KALPANA KONERU	P	P	P	P	P	P	P	P	P	
4	Mr. PHANI KUMAR KATURI	P	P	P	P	P	P	P	P	P	
5	Mrs. HYMAVATHI CHUNDURI	P	P	P	P	P	P	P	P	P	
6	DR. SRINIVAS REDDY	P	P	P	P	P	P	P	P	P	
7	MR. DHULIPALLA VIJAY KRISHNA	P	P	P	P	P	P	P	P	P	
8	Mr. HANUMANATHA RAO SAMA	P	P	P	P	P	P	P	P	P	
9	DR. KOLUSU NAGESWARAO	P	P	P	P	P	P	P	P	P	
10	MR. KISHAN VARMA MANTHENA SUNNY	P	P	P	P	P	P	P	P	P	
11	MR. SUDHEER SANNIKANTI	P	P	P	P	P	P	P	P	P	
12	Mr. SIVA MANUKONDA	P	P	P	P	P	P	P	P	P	
13	Mrs. LAKSHMI POLI	P	P	P	P	P	P	P	P	P	
14	DR. MADARANTAKAM RAGHUNATHAN	P	P	P	P	P	P	P	P	P	
15	MR. NAGA RAJU BEJJAM	P	P	P	P	P	P	P	P	P	
16	Mr. SAMBAIAH RAJAVARAPU	P	P	P	P	P	P	P	P	P	
17	MR. POLAVARAPU VAMSIKRISHNA	P	P	P	P	P	P	P	P	P	
18	DR. Y. V. RAO	P	P	P	P	P	P	P	P	P	
19	MR.P.NAGABRAHMACHARI	P	P	P	P	P	P	P	P	P	
20	DR.P.PURUSHOTHAM	P	P	P	P	P	P	P	P	P	
21	DR.CH.HARI GOVINDA RAO	P	P	P	P	P	P	P	P	P	
22	MR. KAUSTAV SAHA	P	P	P	P	P	P	P	P	P	
23	DR. R. SRINIVASA RAO	P	P	P	P	P	P	P	P	P	
24	DR. PARDHA SARADHI	P	P	P	P	P	P	P	P	P	
25	Ms. MADHAVILATHA	P	P	P	P	P	P	P	P	P	
26	Ms. A. SIRISHA	P	P	P	P	P	P	P	P	P	
27	Ms. NILEMA	P	P	P	P	P	P	P	P	P	
28	Mr. ABDUL BASHEER	P	P	P	P	P	P	P	P	P	
29	Mr. PANDA	P	P	P	P	P	P	P	P	P	
30	Mr. SANDEEP	P	P	P	P	P	P	P	P	P	


Mr.D. Vijay Krishna
MBA

Name	Jan-19						Feb-19				Ma	
	1st	8th	17th	26th	3rd	11th	19th	27th	5th	12th		
DR. MADHUSUDHANA BANDLAMUDI	P	P	P	P	P	P	P	P	P	P		
MR. NAGABHUSHAN ALAPARTHI	P	P	P	P	P	P	P	P	P	P		
DR. KALPANA KONERU	P	P	P	P	P	P	P	P	P	P		
Mr. PHANI KUMAR KATURI	P	P	P	P	P	P	P	P	P	P		
Mrs. HYMAVATHI CHUNDURI	P	P	P	P	P	P	P	P	P	P		
DR. SRINIVAS REDDY	P	P	P	P	P	P	P	P	P	P		
MR. DHULIPALLA VIJAY KRISHNA	P	P	P	P	P	P	P	P	P	P		
Mr. HANUMANATHA RAO SAMA	P	P	P	P	P	P	P	P	P	P		
DR. KOLUSU NAGESWARARAO	P	P	P	P	P	P	P	P	P	P		
MR. KISHAN VARMA MANTHENA SUNNY	P	P	P	P	P	P	P	P	P	P		
MR. SUDHEER SANNIKANTI	P	P	P	P	P	P	P	P	P	P		
Mr. SIVA MANUKONDA	P	P	P	P	P	P	P	P	P	P		
Mrs. LAKSHMI POLI	P	P	P	P	P	P	P	P	P	P		
DR. MADARANTAKAM RAGHUNATHAN	P	P	P	P	P	P	P	P	P	P		
MR. NAGA RAJU BEJJAM	P	P	P	P	P	P	P	P	P	P		
Mr. SAMBAIAH RAJAVARAPU	P	P	P	P	P	P	P	P	P	P		
MR. POLAVARAPU VAMSIKRISHNA	P	P	P	P	P	P	P	P	P	P		
DR. Y. V. RAO	P	P	P	P	P	P	P	P	P	P		
MR. P. NAGABRAHMACHARI	P	P	P	P	P	P	P	P	P	P		
DR. P. PURUSHOTHAM	P	P	P	P	P	P	P	P	P	P		
DR. CH. HARI GOVINDA RAO	P	P	P	P	P	P	P	P	P	P		
MR. KAUSTAV SAHA	P	P	P	P	P	P	P	P	P	P		
DR. R. SRINIVASA RAO	P	P	P	P	P	P	P	P	P	P		
DR. PARDHA SARADHI	P	P	P	P	P	P	P	P	P	P		
Ms. MADHAVI LATHA	P	P	P	P	P	P	P	P	P	P		
Ms. A. SIRISHA	P	P	P	P	P	P	P	P	P	P		
Ms. NILEMA	P	P	P	P	P	P	P	P	P	P		
Mr. ABDUL BASHEER	P	P	P	P	P	P	P	P	P	P		
Mr. PANDA	P	P	P	P	P	P	P	P	P	P		
Mr. SANDEEP	P	P	P	P	P	P	P	P	P	P		

Name	r-19		Apr-19			
	20th	29th	6th	14 th	22nd	30 th
DR. MADHUSUDHANA BANDLAMUDI	P	P	P	P	P	P
MR. NAGABHUSHAN ALAPARTHI	P	P	P	P	P	P
DR. KALPANA KONERU	P	P	P	P	P	P
Mr. PHANI KUMAR KATURI	P	P	P	P	P	P
Mrs. HYMAVATHI CHUNDURI	P	P	P	P	P	P
DR. SRINIVAS REDDY	P	P	P	P	P	P
MR. DHULIPALLA VIJAY KRISHNA	P	P	P	P	P	P
Mr. HANUMANTHA RAO SAMA	P	P	P	P	P	P
DR. KOLUSU NAGESWARARAO	P	P	P	P	P	P
MR. KISHAN VARMA MANTHENA SUNNY	P	P	P	P	P	P
MR. SUDHEER SANNIKANTI	P	P	P	P	P	P
Mr. SIVA MANUKONDA	P	P	P	P	P	P
Mrs. LAKSHMI POLI	P	P	P	P	P	P
DR. MADARANTAKAM RAGHUNATHAN	P	P	P	P	P	P
MR. NAGA RAJU BEJJAM	P	P	P	P	P	P
Mr. SAMBAIAH RAJAVARAPU	P	P	P	P	P	P
MR. POLA VARAPU VAMSIKRISHNA	P	P	P	P	P	P
DR. Y. V. RAO	P	P	P	P	P	P
MR.P.NAGABRAHMACHARI	P	P	P	P	P	P
DR.P.PURUSHOTHAM	P	P	P	P	P	P
DR.CH.HARI GOVINDA RAO	P	P	P	P	P	P
MR. KAUSTAV SAHA	P	P	P	P	P	P
DR. R. SRINIVASA RAO	P	P	P	P	P	P
DR. PARDHA SARADHI	P	P	P	P	P	P
Ms. MADHAVI LATHA	P	P	P	P	P	P
Ms . A. SIRISHA	P	P	P	P	P	P
Ms. NILEMA	P	P	P	P	P	P
Mr. ABDUL BASHEER	P	P	P	P	P	P
Mr. PANDA	P	P	P	P	P	P
Mr. SANDEEP	P	P	P	P	P	P
	P	P	P	P	P	P

REGISTRATION FORM
Workshop on
**Business Research Methods
by Using SPSS**

(15-21 May, 2016)

Name: _____

Designation: _____

Institution: _____

E-mail: _____

Mobile No.: _____



Chief Patrons

Dr. L. Rathaiah
Chairman, Vignan's Group

Sri L. Sri Krishna Devarayalu
Vice Chairman, Vignan's Group

Patrons

Dr. Ramamurthy Naidu
Chancellor

Prof. C. Thangaraj
Vice-Chancellor

Dr. Satya Prasad
Rector

Cmde. Dr. M. S. Raghunathan
Registrar

Co-Patrons

Dr. K. Kalpana
HOD, Dept. of Management Studies

Mr. D. Vijay Krishna
Dean T&P

Workshop Convener

Dr. M. Siva Koti Reddy
Asst. Professor,
Dept. of Management Studies

Work Shop Coordinator

Mr. M. Ramu
Asst. Professor

Workshop Co-Convener

Dr. K. Siva Nageswara Rao
Dr. K. Phani Kumar
Mr. S. Sudheer
Ms. M. Lakshmi Ramya

Organizing Committee

Dr. P. Srinivasa Reddy
Professor

Dr. B. M Rao
Professor

Dr. B. Srinivasa Rao
Associate Professor

Dr. P. Lakshmi Narayanamma
Associate Professor

Dr. M. Siva Koti Reddy
Asst. Professor

Dr. S. Hanumantha Rao
Asst. Professor

Mr. A. Naga Bhushan
Asst. Professor

Mr. K. Sripathi
Asst. Professor

Mr. D. Sudhir Babu
Asst. Professor

Mr. M.S.K. Varma
Asst. Professor

Mr. J.N.G. Sreenivas
Asst. Professor

Mr. A. Sai Manideep
Asst. Professor

Mr. A. Uday Kiran Sarma
Asst. Professor

Mr. T. Nagendra Kumar
Asst. Professor



Department of Management Studies



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

ABOUT UNIVERSITY

Vignan's Foundation for Science, Technology and Research (VFSTR) University is an NBA accredited, NAAC-A graded & ISO 9001-2008 certified institution. Located in the serene environs of Vadiamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali, the university is a virtual heaven of rural quiet and idyllic beauty. Since its inception in 1997 as Vignan's Engineering College, this institution has been striving to promote high standards in technical education to aid in the career building of the many students who step into its portals. Vignan's impressive academic credentials stand a testimony to its commitment to offer quality education. In the very first year of its functioning, it has been able to secure an overall 74% result, establishing new records in engineering studies. Since then, there has been no looking back, with Vignan making steady progress from year to year. The quality of education is attributed to the dedicated and experienced faculty who are the key to success of this university.

DEPARTMENT OF MANAGEMENT STUDIES

The Department of Management Studies (DMS) started functioning from 2009 with the twin objectives of providing quality management education to students coming from predominantly rural background and catering to the dynamic needs of the corporate world. It offers a two-year full-time MBA Programme, and three-year undergraduate Programme in management. Our contemporary management programmes recognize the importance of leadership, promotion of innovative and entrepreneurial behavior and corporate social responsibility. The Department is acknowledged for its research, excellent teaching and learning activity in an intellectually stimulating environment.

AIM OF THE WORKSHOP

The current workshop is expected to provide consolidated information over both the share market and commodity market trading. Apart from this, the concerned workshop has the following objectives:

1. Provide the orientation on Indian and Global Financial markets.
2. To know clearly about the roles of investors and traders in stock and commodity markets.
3. Orientation on stock selection strategies.
4. Intraday strategies of stock markets.
5. Fundamental Analysis over Stocks
6. Technical Analysis over Stocks

RESOURCE PERSON

1. Dr.Abhilash.Ponnam

Associate Professor
ICFAI Business School
Hyderabad

2. Dr.Ch.Jayasankara Prasad

Asst.Professor
Department of Business Administration
Kriehna University
Machilipatnam

3. Mr.M.Sivakoti Reddy

Asst.Professor
Vignan's Foundation for Science, Technology and Research
Guntur

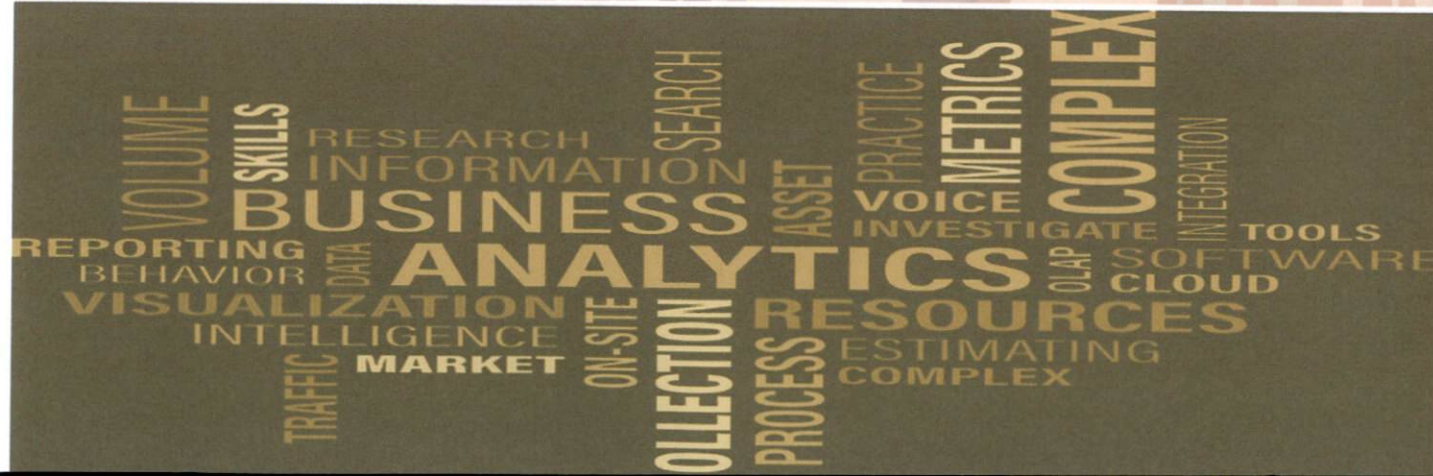
4. Mr.S.HanumanthaRao

Asst.Professor
Vignan's Foundation for Science, Technology and Research
Guntur

WORKSHOP PLAN

Date	Content
15th May 2016	Inaugural Programme Introduction to Research in Social Science
16th May 2016	Dimensions of Research and Thought Process Defining Research Objectives Sampling Techniques
17th May 2016	Variables, Measurement and Scaling Techniques Data Collection Editing and Coding
18th May 2016	Navigating through SPSS Tabulation of data in SPSS Defining Hypothesis and Hypothesis testing
19th May 2016	Conducting Parametric tests t- test (Single population) t-test (Two population) z- test (Single population) z-test (Two population)
20th May 2016	ANOVA Chi Square
21st May 2016	

REGISTRATION FEE: RS 500





VIGNAN'S

Foundation for Science, Technology & Research

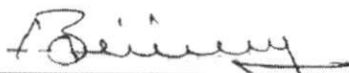
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

Certificate of Participation

This is Certifies that

has Successfully Participated in the National Level Workshop on "Business Research Methods by Using SPSS" from 15th to 21th May, 2016. Organized by Department of Management Studies, Vignan's Foundation for Science, Technology & Research University, Vadlamudi.



Co-odrinator



HoD, MBA



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Business Research Methods Using SPSS

15th – 21st May 2016

PROGRAMME REPORT

The workshop on “Business Research Methods” for seven days program organized by convener Mr M Siva Koti Reddy of Dept. of Management Studies of Vignan’s Foundation for Science technology and research organized in the month of May 2016. Dignitaries from various fraternities of marketing research domain inaugurated the program. The inaugural function was presided by Dr L Rathiah, Chairman of Vignan Group of Institutions, along with Dr. M.S.Raghunathan, Registrar of Vignan group of Institutions and Mr. Vijay Krisna, head of the department. About 54 participants took part in the program.

The program convener Mr M Siva Koti Reddy, deliberated the objective of the program as follows-

- Understand research terminology.
- Be aware of the ethical principles of research, ethical challenges and approval processes.
- Describe quantitative, qualitative and mixed methods approaches to research.
- Identify the components of a literature review process.
- Critically analyse published research.
- Hands of session using SPSS

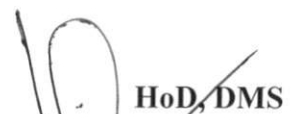
On the first and second days i.e., 15th and 16th of the program started with the keynote topics by Dr Y.V. Rao on wide issues concern to Research, Statistics and Business Decisions, Contrasting Philosophies and Approaches to Research, Ethical Issues in Research, Selecting the Topic and Conducting a Literature Review Theory and Problem Definition, Frameworks, and Research Design. All the participants actively participated and resolved their quarries by 54 participants in the hands on session.

On the following days i.e., 16th, 17th and 18th of the program started with the elaboration by resource person Dr Ablish Ponam on Data Entry into SPSS and Undertake Initial Screening, Describing and Presenting Your Data, Normal Distribution, Probability and Statistical Significance, Sampling Issues, Hypothesis Formation, Types of Error and Estimation and a brief focus on Effect Size and Power. The 54 participants resolve discussion on Contemporary issues and quarries in the hands on session.

On the 19th, 20th and 21st of the program, started with the elaboration by resource person Dr Ablish Ponam on Hypothesis Testing for Differences Between Means and Proportions, Analysis

of Variance Techniques (ANOVA), Chi Square, Methods of Correlation: Testing Hypotheses of Relationships Prediction and Regression, Reliability and Validity, Factor Analysis. All the 54 participants have actively participated by Discussion on Contemporary issues and quarries are resolved in the hands on session.

The last day of the program the program convener elaborated on the remarks of the program and the vote of thanks was given by the Mr M Siva Koti Reddy.



HoD, DMS

Mr.D. Vijay Krishna

DEPARTMENT OF MANAGEMENT
VFSTR DEEMED TO BE UNIVERSITY
VADL-MUDI-522 213
A.P. INDIA.

participants attended in the National Level Workshop on "Business Research Methods by Using SPSS





Participants attending the

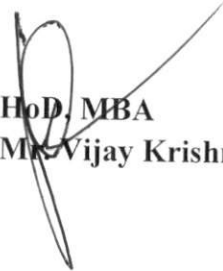
National Council for the Advancement of the Social Sciences through the use of SPSS

**Workshop on Business Research Methods by Using
SPSS 2015-16**

List of participants

S.No	Name of the Canditade
1	DR PVS RAVINDRA
2	DR NV RAJU
3	DR CHAND BASHA
4	V HARI BABU
5	M SRI NAIK
6	DR UMMA SIVAIAH
7	V VEERA BABU
8	T SRINIVAS
9	B KRISHNAIAH
10	B RAJEEV
11	M VEERA KRISHNA
12	CH VENKATESWARLU
13	A SIRISHA
14	PVS SWAMY
15	PVL NARASIMHA RAO
16	B SURESH
17	K NAGAMANI
18	GV CHAITANYA
19	M GOVARDHANRAO
20	G RAMU
21	B PRABHAKAR
22	G RAMARAO
23	K SAILATHA
24	G MADHUSRI
25	S SUDHAKAR
26	D SOMA RAJU
27	S PRAVEEN
28	D RAJA SEKHAR
29	CH RAJA SWARI
30	D PHANIDRA BABU
31	DR A RAM BABU

S.No	Name of the Canditade
32	EYREDDY
33	P KUMAR
34	K SRINIVAS
35	T PRABHAKAR
36	KV MANESH
37	P VIKRAM BABU
38	B SATYA PRABHAKAR
39	K SURESH
40	U PRAVEEN
41	SK AZEEM
42	M RAMA RAO
43	J SATYA NARAYANA
44	S SALEEM BASHA
45	M SIRISHA DAN
46	SIRI A
47	V BALA
48	J NARES BABU
49	BN SAYAMALA
50	P KIRAN KUMAR
51	A LEELA BASHA
52	P CHENHAIAH
53	M SRIKANTH
54	T GANAPATI


HOD, MBA
Mrs Vijay Krishna

Workshop on Business Research Methods by Using SPSS 2015-16

Attendance sheet

S.No	Name of the Canditade	15.05.2016	16.05.2016	17.05.2016	18.05.2016	19.05.2016	20.05.2016	21.05.2016
1	DR PVS RAVINDRA	P	P	P	P	P	P	P
2	DR NV RAJU	P	P	P	P	P	P	P
3	DR CHAND BASHA	P	P	P	P	P	P	P
4	V HARI BABU	P	P	P	P	P	P	P
5	M SRI NAIK	P	P	P	P	P	P	P
6	DR UMMA SIVAIAH	P	P	P	P	P	P	P
7	V VEERA BABU	P	P	P	P	P	P	P
8	T SRINIVAS	P	P	P	P	P	P	P
9	B KRISHNAIAH	P	P	P	P	P	P	P
10	B RAJEEV	P	P	P	P	P	P	P
11	M VEERA KRISHNA	P	P	P	P	P	P	P
12	CH VENKATESWARLU	P	P	P	P	P	P	P
13	A SIRISHA	P	P	P	P	P	P	P
14	PVS SWAMY	P	P	P	P	P	P	P
15	PVL NARASIMHA RAO	P	P	P	P	P	P	P
16	B SURESH	P	P	P	P	P	P	P
17	K NAGAMANI	P	P	P	P	P	P	P
18	GV CHAITANYA	P	P	P	P	P	P	P
19	M GOVARDHANRAO	P	P	P	P	P	P	P
20	G RAMU	P	P	P	P	P	P	P
21	B PRABHAKAR	P	P	P	P	P	P	P
22	G RAMARAO	P	P	P	P	P	P	P
23	K SAILATHA	P	P	P	P	P	P	P
24	G MADHUSRI	P	P	P	P	P	P	P
25	S SUDHAKAR	P	P	P	P	P	P	P
26	D SOMA RAJU	P	P	P	P	P	P	P
27	S PRAVEEN	P	P	P	P	P	P	P
28	D RAJA SEKHAR	P	P	P	P	P	P	P
29	CH RAJA SWARI	P	P	P	P	P	P	P
30	D PHANIDRA BABU	P	P	P	P	P	P	P

S.No	Name of the Candidate	15.05.2016	16.05.2016	17.05.2016	18.05.2016	19.05.2016	20.05.2016	21.05.2016
31	DR A RAM BABU	P	P	P	P	P	P	P
32	EYREDDY	P	P	P	P	P	P	P
33	P KUMAR	P	P	P	P	P	P	P
34	K SRINIVAS	P	P	P	P	P	P	P
35	T PRABHAKAR	P	P	P	P	P	P	P
36	KV MANESH	P	P	P	P	P	P	P
37	P VIKRAM BABU	P	P	P	P	P	P	P
38	B SATYA PRABHAKAR	P	P	P	P	P	P	P
39	K SURESH	P	P	P	P	P	P	P
40	U PRAVEEN	P	P	P	P	P	P	P
41	SK AZEEM	P	P	P	P	P	P	P
42	M RAMA RAO	P	P	P	P	P	P	P
43	J SATYA NARAYANA	P	P	P	P	P	P	P
44	S SALEEM BASHA	P	P	P	P	P	P	P
45	M SIRISHA DAN	P	P	P	P	P	P	P
46	SIRI A	P	P	P	P	P	P	P
47	V BALA	P	P	P	P	P	P	P
48	J NARES BABU	P	P	P	P	P	P	P
49	BN SAYAMALA	P	P	P	P	P	P	P
50	P KIRAN KUMAR	P	P	P	P	P	P	P
51	A LEELA BASHA	P	P	P	P	P	P	P
52	P CHENHAIH	P	P	P	P	P	P	P
53	M SRIKANTH	P	P	P	P	P	P	P
54	T GANAPATI	P	P	P	P	P	P	P

HOD MBA
Mr. Vijay Krishna

DEPARTMENT OF MANAGEMENT STUDIES
VFSTR DEPARTMENT OF UNIVERSITY
VADL. MUDI-522 213
A.P. INDIA.

National conference
on
Financial Innovation Challenges
and Opportunities

18th to 19th April, 2016

Registration Form

Full Name :

Age :

Gender : M / F

Qualification :

Designation :

Organization :

Address for Communication :

e-mail : Contact No :

Signature of the Applicant

Signature of Head of the Institution with Seal

Chief Patron

Dr. L. Rathaiah

Chairman, Vignan's group of Institutions

Mr. L. Sri Krishna Devarayulu

Vice-Chairman, Vignan's group of Institutions

Chief Guest

Prof. K. Sambasiva Rao

Department of Management Studies

Andhra University

Patron

Dr. C. Thangaraj

Vice-Chancellor, Vignan's University.

Prof. B. Ramamoorthy

Rector, Vignan's University.

Co-Patrons

Comd. Dr. M. S. Raghunathan

Registrar, Vignan's University

Convenor

Mr. D. Vijay Krishna

HoD, Management Studies.

Coordinators

Mr. K. Phani Kumar,

Department of MBA

Assistant Professor, Management Studies.

Mr. M. Ramu

Assistant Professor, Applied Engg.

National conference
on
Financial Innovation
Challenges and
Opportunities

18th to 19th April, 2016



Organized by Department of Management Studies

Accredited by
NAAC with A
Grade



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Est'd u/s 3 of UGC Act of 1956)

Vadlamudi, Guntur - 522213, A.P., India.
Phone: 0863-2344700, Extn: 147 | Fax: 0863-
2524460

About the University

Vignan's Foundation for Science, Technology and Research University, is a private multidiscipline university of central province of Andhra Pradesh. Situated in a rural area, it is engaged in providing quality education with meaningful research orientation and industry driven curriculum at UG, PG and Doctoral level, to produce competent professionals & worthy citizens with deep social concerns. It aims at inculcating human ethics and at creating awareness about the society. The mission of the university is to provide high quality administrative and student services and to create real value to the society by training the students to compete and achieve outstanding results.

About Department

The Department has started functioning from with the twin objectives of providing quality management education to students coming from all over country and catering to the dynamic needs of the corporate world. It offers a two-year full-time MBA, three-year under graduate (BBA) & doctoral PhD programme in management. The Department is acknowledged for its research, excellent teaching and learning activity in an intellectually stimulating environment

About the Programme

Many financial services firms struggle with innovation. Weighed down by the ever increasing burdens of regulation and compliance, It is not surprising that 90 percent of senior leaders we surveyed admitted that they

do not have a strong focus on breakthrough or radical innovation. We also found the sector was more inward facing than the seven others we looked at, with leaders tending to look to other financial services firms for inspiration rather than exploring ideas from outside. While this may be understandable, it is not a healthy position to be in. Rising customer expectations and the emergence of new competitors mean that while ignoring innovation may get incumbent companies through the next few years, it is not a sustainable business strategy for the longer term.

While the overall picture is one of an innovation averse sector, that is not the whole story. Some firms are embracing new ideas and new ways of doing things. Most notably, 'fintechs' – small, nimble software-based providers – are disrupting traditional approaches in areas such as international payments and peer to peer lending.

Topics to be covered

Topics include but are not limited to the following areas:

- Accounting
- Business & Economics
- Business Performance Management
- Business Statistics
- Change Management
- Communications Management
- Comparative Economic Systems
- Consumer Behaviour
- Corporate Finance and Governance

- Corporate Governance
- Cost Management
- Economic Development
- Economic Methodology
- Economic Policy
- Economic Systems
- Entrepreneurship
- Finance & Investment
- Financial Economics

Eligibility

Faculty members working with academic institution. Research scholars pursuing their research.

Registration

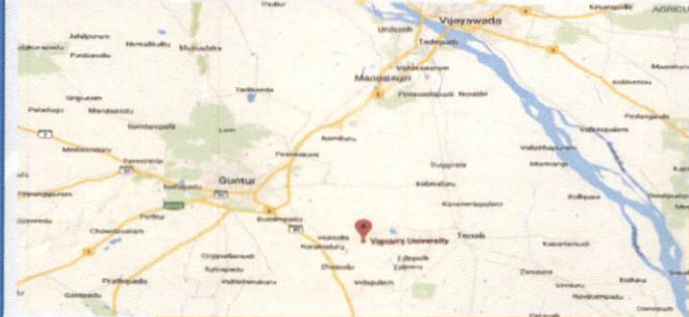
UG / PG Students: 300 INR

Scholars doing M.Phil./PhD: 500 INR

Faculty Members / Faculties doing PhD: 750 INR

Accompanying Person: 750 INR

Corporate Representative: 1000 INR





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Certificate of Participation

This is to certify that

has Successfully Participated in National conference on "Financial Innovation Challenges and Opportunities" from 18th to 19th April, 2016. Organized by Department of Management Studies, Vignan's Foundation for Science, Technology & Research University, Vadlamudi.

R. Phani Kumar

CO-ORDINATOR

D. Vijay Arishna

HOD, MBA



VIGNAN'S
Foundation for Science, Technology & Research
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(Estd u/s 3 of UGC Act of 1956)

National conference on
Financial Innovation Challenges and Opportunities
18th and 19th April, 2016

PROGRAMME REPORT

The two day National Conference on Financial Innovation Challenges and Opportunities from 18th and 19th April, 2016 was organized by the coordinators Dr. K. Phani Kumar, and Mr. M. Ramu, from Dept. of Management Studies of VFSTR Deemed to be University. The program was inaugurated by dignitaries from various fraternities of Management. The inaugural function was presided by Dr L Rathiah, Chairman of Vignan Group of Institutions, under the presence of Prof. K Sambasiva Rao, Professor, Andhra University, Dr. M.S.Raghunathan, Registrar of Vignan group of Institutions, Mr D Vijay Krishna, Dean, T&P, VFSTRU and Dr K Kalpana, HoD, Department of Management studies are the guests of honour, The participants from various institutes had participated in the program

In the Inaugural the Chief Guest has highlighted the importance of Many financial services firms struggle with lack of innovation. Weighed down by the ever increasing burdens of regulation and compliance, it is not surprising that 30 percent of senior leaders we surveyed admitted that they do not have a strong focus on breakthrough or radical innovation.

Participants from different institutions has participate in the two day National Conference on Financial Innovation Challenges and Opportunities and they disused about the following concepts in detail

- Finance & Investment
- Communications Management
- Financial Innovation

- Comparative Economic Systems
- Consumer Behavior
- Corporate Finance and Governance
- Corporate Governance
- Cost Management
- Economic Development
- Economic Methodology
- Economic Policy
- Economic Systems
- Entrepreneurship

The two days national conference is intended to provide great opportunity to the participants from various research centers, Industry and institutions for sharing their innovative ideas in the field of Financial Innovation. Panel discussions on Financial Innovation issues would enable the participants to have firsthand opportunities of submitting their Financial Innovation issues and questions to the financial experts from across the world.

The program ended with certificate presentation to the participants by the chief guests of the valedictory, Mr D Vijay Krishna, Dean, T&P, VFSTRU and Dr K Kalpana, HoD, Department of Management studies. The coordinator had elaborated on the remarks of the program and the vote of thanks was given by the coordinator Mr M Ramu, VFSTR

HoD, DMS

Mr. D. Vijay Krishna

DEPARTMENT OF MANAGEMENT
VFSTR DEEMED TO BE UNIVERSITY
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A.P. INDIA.



■ *Participants attended in the
National conference on "Financial Innovation Challenges and Opportunities"*



**National conference on financial innovations
challenges and opportunities**

List of participants

S.No	Name of the Candidate
1	DR K.SIVA NAGESWARA RAO
2	DR K SIVA NAGESWARA RAO
3	J KHALIL
4	DR T. N. M MURTHY
5	CH MADHAVI LATHA
6	M VENKATRAMAIAH
7	G SHARMA
8	G SRINU
9	D KADANDA
10	SMITA J
11	KV BHANU MURTHY
12	T VARGHESE
13	KV BHANU MURTHY
14	A DIAW
15	SOM SANKAR
16	M RAKESH KRISHNA
17	P CHANDRA JASMINDEEP
18	PRAVEEN DAS
19	VANITA T
20	SANTOSH KUMAR
21	JASMINDEEP KUMAR
22	PRAVEEN DAS
23	M HS AL ASHRY
24	GAURAV GUPTA
25	A LAHA
26	M JITENDRA
27	CH MADHAVI LATHA
28	M CHAITANYA VAISHNAVI
29	HANSRAJ
30	DR VANI

HOD, MBA

Mr. D. Vijay Krishna

DEPARTMENT OF MANAGEMENT STUDIES
VFSTR
VADLAMUDI-522 213
A.P. INDIA

National conference on financial innovations challenges and opportunities
Attendance sheet

S.No	Name of the Canditade	18/4/2017	19/4/2017
1	DR K.SIVA NAGESWARA RAO	P	P
2	DR K SIVA NAGESWARA RAO	P	P
3	J KHALIL	P	P
4	DR T. N. M MURTHY	P	P
5	CH MADHAVI LATHA	P	P
6	M VENKATRAMAIAH	P	P
7	G SHARMA	P	P
8	G SRINU	P	P
9	D KADANDA	P	P
10	SMITA J	P	P
11	KV BHANU MURTHY	P	P
12	T VARGHESE	P	P
13	KV BHANU MURTHY	P	P
14	A DIAW	P	P
15	SOM SANKAR	P	P
16	M RAKESH KRISHNA	P	P
17	P CHANDRA JASMINDEEP	P	P
18	PRAVEEN DAS	P	P
19	VANITA T	P	P
20	SANTOSH KUMAR	P	P
21	JASMINDEEP KUMAR	P	P
22	PRAVEEN DAS	P	P
23	M HS AL ASHRY	P	P
24	GAURAV GUPTA	P	P
25	A LAHA	P	P
26	M JITENDRA	P	P
27	CH MADHAVI LATHA	P	P
28	M CHAITANYA VAISHNAVI	P	P
29	HANSRAJ	P	P
30	DR VANI	P	P

HOD, MBA

Mr.D. Vijay Krishna

DEPARTMENT OF MANAGEMENT STUDIES
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A.P. INDIA



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(Estd u/s 3 of UGC Act of 1956)

Technical Staff Training Program
on

Welding (Foundation level)

Technical Staff of Mechanical Engineering

Venue: Welding Lab (H-Block)

Dates: 23/11/2015 to 02/12/2015

Name of the Resource Person: Mr. N. Krupanidhi

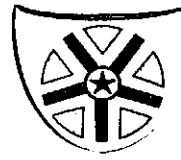
Organised

by

Department of Mechanical Engineering

Vignan's Foundation for Science, Research and Technology

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Certificate

Technical Staff Training
Program
on
Welding (Foundation
level)

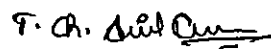
Department of
Mechanical
Engineering

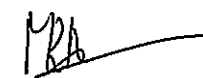
This is to certify that _____, Department of Mechanical Engineering has participated the course on "**Welding (Foundation level)**" conducted by Department of Mechanical Engineering, Vignan's University, Vadlamudi, Guntur, Andhra Pradesh, India held from **23/11/2015** to **02/12/2015**.

Co-Ordinator

Head of the Department

Technical Staff Training Program											
Batch-wise Attendance sheet (2015-16)											
Attendance Sheet for Welding											
S. No	Name of the Technician	23-Nov-15	24-Nov-15	25-Nov-15	26-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	30-Nov-15	1-Dec-15	2-Dec-15
1	B.M. Bhaskar	P	P	P	P	P	P	P	P	P	P
2	A. Jagan Mohan	P	P	P	P	P	P	P	P	P	P
3	M.S.R. Krishnaiah	P	P	P	P	P	P	P	A	P	P
4	Ch. Puttaiah	P	P	P	P	P	P	P	P	P	P
5	J. Sridhar	P	P	P	A	P	P	P	P	P	P


 Mr. T.Ch. Anil Kumar
 Co-Ordinator


 Dr.M.Ramakrishna
 Head of the Department
 Dr. M. Ramakrishna, Ph.D
 Professor & Head
 Dept. of Mechanical Engineering
 VFSTR University
 Vadiamudi-Guntur - 522 213
 Andhra Pradesh - 522 213



Report on Technical Staff training Program

Name of the Program: Welding (Foundation level)

Resource person: Mr. N. Krupanidhi

Venue: Welding Lab (H-Block)

Dates of the Program: 23/11/2015 to 02/12/2015

Department Organized: Department of Mechanical Engineering

Participants list: 5

Objective of Program: This program aims to give training in various welding technologies like arc welding, gas welding, TIG welding, MIG welding and spot welding with hands-on experience with practice.


Outcomes of the program:

- Understand the principles of fusion welding processes.
- Distinguish between consumable arc and non-consumable arc welding processes
- Select an appropriate welding process for specific applications.
- Acquire knowledge on modern developments in welding techniques



Training Program Name: Welding (Foundation level)
Dates: 23-11-2015 to 02-12-2015
Resource Person Name: Mr. N. Krupanidhi

T. Ch. Anil Kumar
Coordinator


Head of the Department
Dr. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vedlamudi-Guntur
Andhra Pradesh - 522 213



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UNIVERSITY
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Technical Staff Training Program
on

CNC Turning

Technical Staff of Mechanical Engineering

Venue: CNC Lab (H-Block)

Dates: 23/11/2015 to 02/12/2015

Name of the Resource Person: Mr. Sk. Basha

Organised

by

Department of Mechanical Engineering
Vignan's Foundation for Science, Research and Technology
Vadlamudi-522213



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**Technical Staff Training
Program
on
CNC Turning**

Certificate

This is to certify that


, Department of Mechanical
Engineering has participated the course on "**CNC Turning**" conducted by
Department of Mechanical Engineering, Vignan's University, Vadlamudi,
Guntur, Andhra Pradesh, India held from **23/11/2015** to **02/12/2015**.


**Department of
Mechanical
Engineering**

Co-Ordinator

Head of the Department

Technical Staff Training Program												
Batch-wise Attendance sheet (2015-16)												
Attendance Sheet for CNC												
S. No	Name of the Technician	23-Nov-15	24-Nov-15	25-Nov-15	26-Nov-15	27-Nov-15	28-Nov-15	29-Nov-15	30-Nov-15	1-Dec-15	2-Dec-15	
1	A.M.V. Narayana Chari	P	P	P	P	P	P	P	P	P	P	
2	V.D. Srinivasa Rao	P	P	P	P	P	A	P	P	P	P	
3	P. Srinivasa Rao	P	P	P	P	P	P	P	P	P	P	
4	Sk. Mastan Basha	P	P	P	A	P	P	P	P	P	P	
5	J.P. Koteswara Rao	P	A	P	P	P	P	P	P	P	P	


 Mr. T. Ch. Anil Kumar
 Co-Ordinator


 Dr. M. Ramakrishna
 Head of the Department
Dr. M. Ramakrishna, Ph.D
 Professor & Head
 Dept. of Mechanical Engineering
 VFSTR University
 Adlamudi-Guntur
 Andhra Pradesh - 522 217



Department of Mechanical Engineering Report on Technical Staff Training Program

Name of the Program: CNC Turning

Resource person: Mr. Sk. Basha

Venue: CNC Lab (H-Block)

Dates of the Program: 23-11-2015 to 02-12-2015

Department Organized: Department of Mechanical Engineering

Participants list: 5

Objective of Program: To provide hands-on experience in writing codes and part programs for various basic level machining operations like facing, turning, and thread cutting with CNC Turn.

Out Comes of the program:

Identify different axes, machine zero, home position, systems and controls CNC machines.

- Select, mount and set cutting tools and tool holders on CNC.
- Prepare part programmes using ISO format for given simple components



Training Program Name: CNC Turning

Date: 23-11-2015 to 02-12-2015

Resource Person Name: Mr. Sk. Basha



Training Program Name: CNC Turning

Dates: 23-11-2015 to 02-12-2015

Resource Person Name: Mr. Sk. Basha

T. Ch. Anil Kumar
Coordinator

PKS
Head of the Department
C. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 212



VIGNAN'S

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Technical Staff Training Program
on

Refrigeration and Air Conditioning

Technical Staff of Mechanical Engineering

Venue: R&AC Lab (H-Block)

Dates: 02/05/2016 to 11/05/2016

Name of the Resource Person: Mr. SK. Shajahoor

Organised

by

Department of Mechanical Engineering

Vignan's Foundation for Science, Research and Technology

Vadlamudi-522213



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**Technical Staff Training
Program
on
Refrigeration and Air
Conditioning**

Certificate

This is to certify that


, Department of Mechanical Engineering has participated the course on "**Refrigeration and Air Conditioning**" conducted by Department of Mechanical Engineering, Vignan's University, Vadlamudi, Guntur, Andhra Pradesh, India held from **02/05/2016 to 11/05/2016.**


**Department of
Mechanical
Engineering**

Co-Ordinator

Head of the Department

Technical Staff Training Program												
Batch-wise Attendance sheet (2015-16)												
Attendance Sheet for R&AC												
S. No	Name of the Technician	2-May-16	3-May-16	4-May-16	5-May-16	6-May-16	7-May-16	8-May-16	9-May-16	10-May-16	11-May-16	
1	B.M. Bhaskar	P	P	P	P	P	P	P	P	P	P	
2	A. Jagan Mohan	P	A	P	P	P	P	P	P	P	P	
3	M.S.R. Krishnaiah	P	P	P	P	P	P	P	P	P	P	
4	Ch. Puttaiah	P	P	P	P	P	P	P	P	P	P	
5	J. Sridhar	P	P	P	P	P	P	P	P	P	P	


 Mr. T.Ch. Anil Kumar
 Co-Ordinator


 Dr. M. Ramakrishna
 Head of the Department

Dr. M. Ramakrishna, Ph.D
 Professor & Head
 Dept. of Mechanical Engineering
 VFSTR University
 Vadlamudi-Guntur
 Andhra Pradesh - 522 213



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

Department of Mechanical Engineering Report on Technical Staff Training Program

Name of the Program: Refrigeration and Air Conditioning

Resource person: Mr. SK. Shajahoor

Venue: R&AC Lab (H-Block)

Dates of the Program: 02-05-2016 to 11-05-2016

Department Organized: Department of Mechanical Engineering

Participants list: 5

Objective of Program: To explore the knowledge of various refrigeration and air conditioning systems like VCR, VAR, window AC, Split AC.

Out Comes of the program:

- Illustrate the fundamental principles and applications of refrigeration and air conditioning system
- Present the properties, applications and environmental issues of different Refrigerants.
- Operate and analyze the refrigeration and air conditioning systems.



Training Program Name: Refrigeration and Air Conditioning

Date: 02-05-2016 to 11-05-2016

Resource Person Name: Mr. SK. Shajahoor



Training Program Name: Refrigeration and Air Conditioning

Date: 02-05-2016 to 11-05-2016

Resource Person Name: Mr. SK. Shajahoor

T. Ch. Anil Kumar
Coordinator

[Signature]
Head of the Department
[] N. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 213



VIGNAN'S
Foundation for Science, Technology & Research
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Technical Staff Training Program
on

Fabrication of Composites

Technical Staff of Mechanical Engineering

Venue: MFT Lab

Dates: 02/05/2016 to 11/05/2016

Name of the Resource Person: Mr. R. K. Swami

Organised

by

Department of Mechanical Engineering
Vignan's Foundation for Science, Research and Technology
Vadlamudi-522213



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UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

**Technical Staff Training
Program
on
Fabrication of
Composites**

Certificate


This is to certify that _____, Department of Mechanical Engineering has participated the course on "**Fabrication of Composites**" conducted by Department of Mechanical Engineering, Vignan's University, Vadlamudi, Guntur, Andhra Pradesh, India held from **02/05/2016** to **11/05/2016**.


**Department of
Mechanical
Engineering**

Co-Ordinator

Head of the Department

Technical Staff Training Program											
Batch-wise Attendance sheet (2015-16)											
Attendance Sheet for Fabrication of Composites											
S. No	Name of the Technician	2-May-16	3-May-16	4-May-16	5-May-16	6-May-16	7-May-16	8-May-16	9-May-16	10-May-16	11-May-16
1	A.M.V. Narayana Chari	P	P	P	P	P	A	P	P	P	P
2	V.D. Srinivasa Rao	P	P	P	P	P	P	P	P	P	P
3	P. Srinivasa Rao	P	P	P	P	P	P	P	P	P	P
4	Sk. Mastan Basha	P	P	P	P	P	P	P	P	P	P
5	J.P. Koteswara Rao	P	P	A	P	P	P	P	A	P	P


 Mr. T.Ch. Anil Kumar
 Co-Ordinator


 Dr.M.Ramakrishna
 Head of the Department
Dr. M. Ramakrishna, Ph.D
 Professor & Head.
 Dept. of Mechanical Engineering
 VFSTR University
 Vadlamudi-Guntur
 Andhra Pradesh - 522 217



Department of Mechanical Engineering
Report on Technical Staff Training Program

Name of the Program: Fabrication of Composites

Resource person: Mr. R. K. Swami

Venue: MFT Lab (U-Block)

Dates of the Program: 02-05-2016 to 11-05-2016

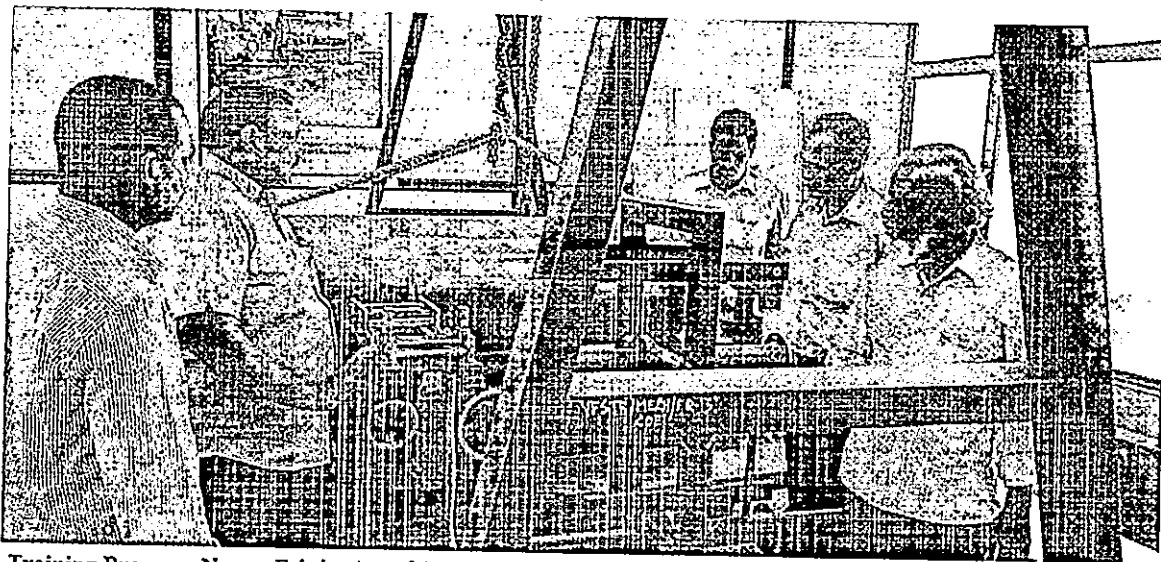
Department Organized: Department of Mechanical Engineering

Participants list: 5

Objective of Program: To provide training and hands-on experience in fabrication of composites on drum winding machine with different fiber, resins as different composite flyers.

Out Comes of the program:

- Select proper resin for the fabrication of specific composite plate
- Fabricate different type of fiber composites with jute, carbon Nano powders and many other materials.



Training Program Name: Fabrication of Composites

Dates: 02-05-2016 to 11-05-2016

Resource Person Name: Mr. R. K. Swami

P. Ch. Anil Kumar
Coordinator

M. S. Ramakrishna
Head of the Department
M. S. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 213

TECHNICAL & ADVISORY COMMITTEE

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ARK Info Solutions, Bangalore

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Mechanical Engineering Dept., IIT Madras

Dr. M. Govardhan,
IIT Madras

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IIT Madras

Dr. P.M.V. Subbarao,
IIT-Delhi

Dr. M.K. Pathak,
IIT-Roorkee

Dr. A.V.S.S.K.S. Gupta,
JNTU, Hyderabad

Sri K. K. Chakravarthi,
Bureau of Energy Efficiency, Govt. of India, New Delhi

Dr. A. Seshu Kumar
IICT, Hyderabad

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Mr. L. Sri Krishnadevarayalu, Vice-Chairman

Patrons

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Dr. B. Ramamoorthy, Rector
Commodore Dr. M.S. Raghunathan, Registrar
Dr. V. Madhusudhan Rao, Dean, E&M

Convenor

Dr. M. Ramakrishna, HOD, MECH

Co-ordinators

■ Mr.G.Chitti Babu - 7032565496
■ Mr.M.Naresh - 9494761341

ABOUT THE VIGNAN UNIVERSITY

Vignan's University is an ISO 9001:2008 Certified, NAAC 'A' accredited institution. Located in serene environs of Vaddlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali, the university is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred institutions for the aspirants of engineering studies. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. The University campus is Wi-Fi enabled and connected to the National Knowledge Network (NKN).

ABOUT DEPARTMENT OF MECHANICAL ENGINEERING

Mechanical Engineering is a multi disciplinary area of study that includes industries such as Heavy Machinery, Machine Tools, Power, Steel, Processing Industries, Advanced Manufacturing Systems, and the application of IT services. The Mechanical Engineering Department provides students with the knowledge and skills that are essential in producing industry leading professionals, capable of addressing the key challenges and future direction of the discipline.

The Department offers B. Tech in Mechanical Engineering, Post Graduation in specializations of Machine Design, and also a world-class Ph.D program.

Under Graduation

■ Mechanical

Post Graduation

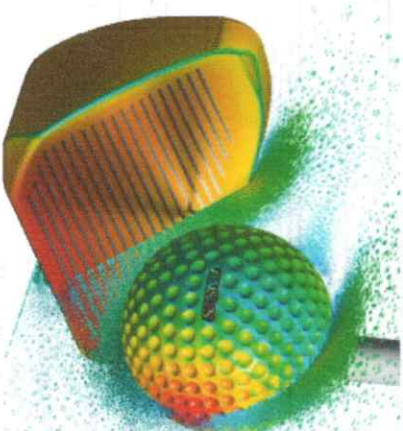
■ Machine Design

Eight Days Training Programme

on

"ANSYS"

November 2nd to 10th, 2015



Organized by

Department of Mechanical Engineering



VIGNAN

UNIVERSITY

Foundation for Science, Technology & Research
(Estd U/A 3 of UGC Act of 1956)

Vaddlamudi, Guntur(Dt) - 522 213, A.P., India

Contact: e-mail : creovignan@gmail.com

REGISTRATION FORM
Eight Days Training Programme on
ANSYS

November 2nd to 10th, 2015

Name: _____

Age: _____ Sex: Male ☐ Female ☐

Designation: _____

Official Address: _____

Phone No. with STD Code: _____

e-mail: _____

Mobile No. _____

Whether Accommodation Required: Yes ☐ No ☐

Arrival / Departure Details: _____

Date and Time of Arrival: _____

Date and Time of Departure: _____

Details of Registration Fee: DD/Cheque ☐ Cash ☐

DD/Cheque No. & Date _____

Amount in Rs. _____

Name of the Bank: _____

(Demand Draft / Cheque to be drawn in the favour of **The Registrar, Vignan University**, Vadlamudi (Post), Chebrolu Mandal, Guntur Dt., Andhra Pradesh - 522 213.)

Signature of the Applicant _____ Signature of the Sponsoring Authority with office Seal _____

Date: _____ Place: _____

About the Workshop

ANSYS Mechanical software is a comprehensive finite element analysis (FEA) tool for structural analysis, including linear, nonlinear, dynamic, hydrodynamic and explicit studies. It provides a complete set of elements behavior, material models and equation solvers for a wide range of mechanical design problems.

ANSYS Mechanical is a finite element analysis tool for structural analysis, including linear, nonlinear and dynamic studies. This computer simulation product provides finite elements to model behavior, and supports material models and equation solvers for a wide range of mechanical design problems. ANSYS Mechanical also includes thermal analysis and coupled-physics capabilities involving acoustics, piezoelectric, thermal-structural and thermo-electric analysis.

ANSYS Fluent, CFD, CFX, and related software are Computational Fluid Dynamics software tools used by engineers for design and analysis.[7] These tools can simulate fluid flows in a virtual environment — for example, the fluid dynamics of ship hulls; gas turbine engines (including the compressors, combustion chamber, turbines and afterburners); aircraft aerodynamics; pumps, fans, HVAC systems, mixing vessels, hydrocyclones, vacuum cleaners, etc.

WORKSHOP FORMAT:

The workshop will feature (single track) invited talks by leading experts followed by audience-driven discussions whose content is provided by the participants themselves related to the theme of presentation.

CONSENSUS REPORT:

Faculty and graduate students from university will be writing summaries of the group interactions and final group briefings during the workshop. These summaries, edited by participants and the chairman of the concerned sessions, will serve as drafts of the consensus (differences in opinion will also be included in these reports) attained by the participants. These summaries will describe the challenges addressed and outline the approach identified to solve them, including:

- What research needs to be done to understand the fundamental science behind the challenge(s).
- The proposed plan for the development of the methodologies, instrumentation, equipment etc., to tackle the challenges

IMPORTANT DETAILS:

- Registration and payment deadline: **Nov. 02nd, 2015**
- Accommodation Reservation deadline at university campus: **Nov. 02nd, 2015**
- Limited accommodation in the guest house @ Rs.1000/- per day

Registration Fee :

- Faculty - **Rs. 1,000/-**
- Research Scholars & PG Students - **Rs. 500/-**
- Industry and R&D Organizations - **Rs. 1,200/-**



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/s 3 of UGC Act of 1956)

DEPARTMENT OF MECHANICAL ENGINEERING
REPORT ON EIGHT DAYS TRAINING PROGRAMME ON "ANSYS SOFTWARE"

Event Type : EIGHT DAYS TRAINING PROGRAMME ON "ANSYS"
Date / Duration : 02-11-2015 to 10-11-2015
Resource Person : Mr. Jagadeesh
Total no of Participants: 45

ABOUT THE DEPARTMENT

Mechanical Engineering is a multi disciplinary area of study that includes industries such as Heavy Machinery, Machine Tools, Power, Steel, Processing Industries, Advanced Manufacturing Systems, and the application of IT services. The Mechanical Engineering Department provides students with the knowledge and skills that are essential in producing industry leading professionals, capable of addressing the key challenges and future direction of the discipline. The Department offers B. Tech in Mechanical Engineering, Post Graduation in specializations of Machine Design, Thermal Engineering and CAD/CAM/CAE, and also a world-class Ph.D. program.

An Eight day Training Program on "ANSYS SOFTWARE" has been inaugurated marvelous presence of 45 participants from various Institutions/research centers across the country are gathered at Vignan's Foundation for Science, Technology and Research (VFSTR)Guntur on 2nd November 2015. This conference is organized by the Department of Mechanical Engineering in a way to share various innovative ideas, exchange new information among experts, young scholars and researchers.

COURSE OBJECTIVE

Introduction to Ansys (APDL & workbench)

The Ansys finite element solvers enable a breadth and depth of capabilities unmatched by anyone in the world of computer-aided simulation. Thermal, Structural, Acoustic, Piezoelectric, Electrostatic and Circuit Coupled Electromagnetics are just an example of what can be simulated. Regardless of the type of simulation, each model is represented by a powerful scripting language ... the Ansys Parametric Design Language (APDL). APDL is the foundation for all sophisticated features, many of which are not exposed in the Workbench Mechanical user interface. It also offers many conveniences such as parameterization, macros, branching and looping, and complex math operations. All these benefits are accessible within the Ansys Mechanical APDL user interface.

This course introduces new users, or experienced Ansys Mechanical users, to the Ansys

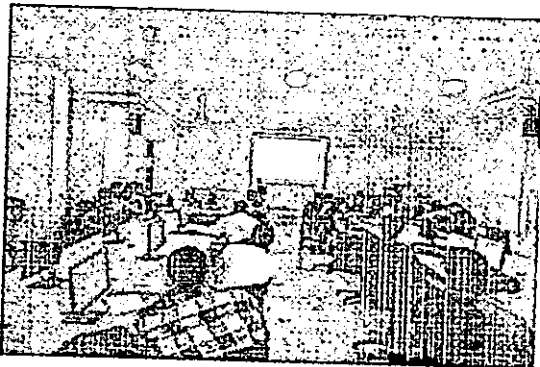
Mechanical APDL user interface. The Mechanical APDL workflow, graphical user interface, and APDL command syntax will be introduced. With this foundation in place, users can apply this knowledge to efficiently set up, solve, and post process virtually any type of analysis.

Everything around us is a structure - be it a fan blade, a mobile phone, a chair or even a bridge. But the structural integrity of these, such that they do not harm the user is paramount. Our Advanced Structural Analysis course delves deep into Finite Element Analysis (FEA), how to perform simulations and read the results. You will gain powerful tool skills on ANSYS Workbench industry leading software for performing structural, thermal and vibrational analysis. You will get step-by-step knowledge on how to perform simulations using ANSYS' Mechanical APDL solver.

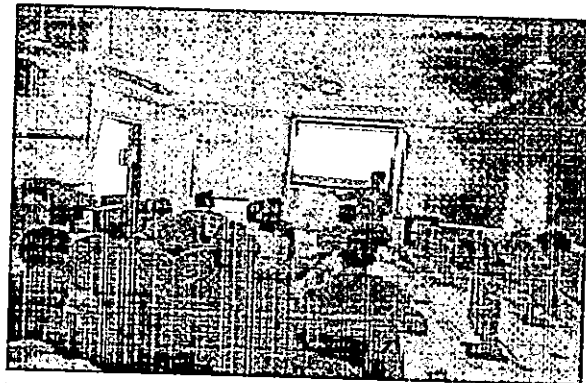
At the end of this course, you will be able to set up a load case for any component/model, simulate them and obtain its deformation, fatigue life, the factor of safety and places of stress intensity. This course opens the gate to the world of FEA simulations and introduction to solving, time step for analysis.

COURSE CONTENT

1.Intoduction to CAE 2. General procedure in FEA 3.CAD modeling using ANSYS 4. Defining & Assigning Materials 5.generating the mesh 6.Optimizing the model to refine mesh 7.Working with different boundary conditions 8.surface and line models 9.static structural analysis 10.model analysis 11.Buckling analysis 12.Themal analysis 13.post processing



NAME OF THE EVENT : EIGHT DAYS TRAINING PROGRAMME ON "ANSYS"
NAME OF THE RESOURCE PERSON : Mr.JAGADEESH
DATE OF THE EVENT : 02-11-2015 TO 10-11-2015



NAME OF THE EVENT : EIGHT DAYS TRAINING PROGRAMME ON "ANSYS"
NAME OF THE RESOURCE PERSON : Mr.JAGADEESH
DATE OF THE EVENT : 02-11-2015 TO 10-11-2015

G. Chithi Babu
Co-ordinator

Head of the Department
Dr. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 212



DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE EVENT: EIGHT DAYS TRAINING PROGRAMME ON "ANSYS"

ATTENDANCE SHEET:02-11-2015 TO 10-11-2015

S. No	Name of The Participant	02/11/15	03/11/15	04/11/15	05/11/15	06/11/15	07/11/15	09/11/15	10/11/15
1	Mr.Ravi Raj	P	P	P	P	P	P	P	P
2	Dr. Surendra Sakhamam	P	P	P	P	P	P	P	P
3	Ms Pooja Kumari	P	P	A	P	P	P	P	P
4	Dr.Sandeep Singh Rana	P	P	P	P	A	P	P	P
5	Mrs.E.Hemavathy	P	P	P	P	P	P	P	P
6	Prof. Vajinath Gangaram	P	P	P	P	P	P	P	P
7	Dr Saroj Pant	P	P	P	P	P	P	P	P
8	Dr. Krishna Singh	P	A	P	P	P	P	P	P
9	Dr Raghu Nath Yadav	P	P	P	P	P	P	P	P
10	Dr Milind Rajaram	P	P	A	P	P	P	P	P
11	Dr. Lakshmi prasanna	P	P	P	P	P	A	P	P
12	Dr. Timsy Mehta	P	P	P	P	P	P	P	P
13	Dr. Shridevi Sindagi	P	A	P	P	P	P	P	P
14	Dr.Sanjay Maheshwari	P	P	P	P	P	P	P	P
15	Mrs.Pavani Kumari N	P	P	P	P	P	P	P	P
16	Mr.Farooq Shaik	P	P	P	P	A	P	P	P
17	Dr. Girish Deshmukh	P	P	P	P	P	P	P	P

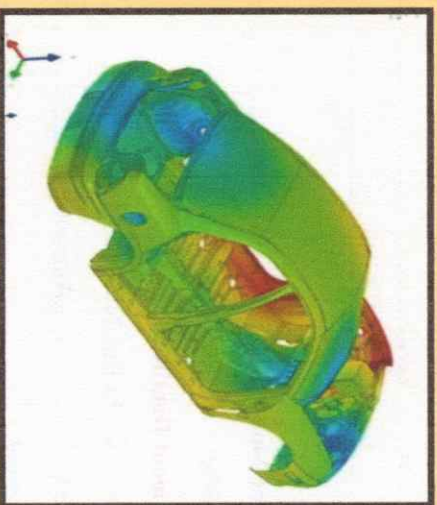
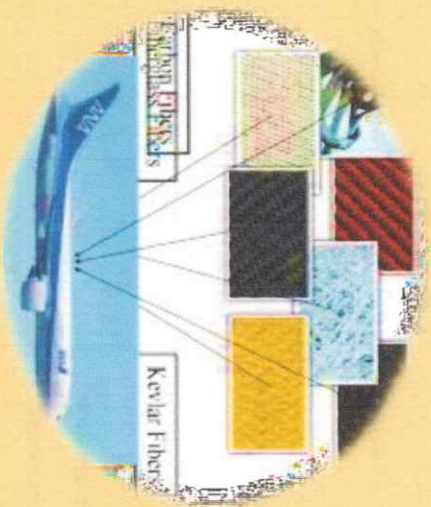
41	Dr.Iyahraja S	P	A	P	P	P	A	P	P
42	Mr.Goriparthi Veeraiah	P	P	P	P	P	P	P	P
43	Dr.Abdulrajak Buradi	P	P	P	A	P	P	P	P
44	Mr.Anand Babu V	P	P	P	P	P	P	P	P
45	Mr.Arun Kandukuri	P	P	A	P	P	P	P	P

G. Chaitanya Babu
Co-ordinator



Head of the Department

Dr. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 212



ABOUT THE VIGNAN UNIVERSITY

Vignan's University is an ISO 9001:2008 Certified, NAAC 'A' accredited institution. Located in serene environs of Vadlamudi on the Guntur-Tenali highway, about 14km from Guntur and 11km from Tenali, the university is a virtual heaven of rural quiet and idyllic beauty. The splendid avenue, imposing buildings and sprawling play grounds, and the verdure in and around the campus make it one of the most preferred institutions for the aspirants of engineering studies. Since its inception in 1997, the institution has been striving to promote high standards in technical education to aid in the career building of many students who step into its portals. The University campus is Wi-Fi enabled and connected to the National Knowledge Network (NKN).

How to Apply

The duly filled Registration Form along with the Registration Fees (see fee details overleaf) should reach to the coordinator on or before **10th November 2015**.

Fee can be deposited by electronic transfer through NEFT to the bank account **"VFSTR MISCELLANEOUS", A/C-21890210000151, IFSC-UCBA0002189, payable at Guntur, Andhra Pradesh, India**
Organizing Committee

A Three-Day

"National Workshop on Composite Materials"

(NWOCM-2K15)

(16th – 18th November 2015)

Convenor

Dr. M. Rama Krishan

Professor & Head

Department of Mechanical

Engineering

Coordinators

Mr G Suresh &

Mr. T.N.B. Prakash

**DEPARTMENT OF MECHANICAL
ENGINEERING**



Introduction

The increasing commercial applications of composite materials on a large scale in the industries like aerospace, automotive, marine, sporting goods and biomedical etc. has drawn a serious attention of designers and researchers in the last few decades. The unlimited product development opportunities have been evolving in the recent years due to the several new and improved composite fabrication processes. The manufacturing processes and the various properties of composite structures will be discussed under the fabrication and characterisation session. The concepts of mechanics can be understood thoroughly with some mathematical representation and will be dealt under the simulation session. The mechanical behaviour of composite structures can be simulated by using commercial Finite Element Analysis software packages. Therefore, Participants will have practice session/hands on the fabrication, characterisation followed by FE simulation using ANSYS and ABAQUS software packages.

Objectives

- To expose the concepts of composite materials and their applications.
- To learn various hands on fabrication, testing and characterization techniques of composites.
- To introduce the mechanics and design concepts of composites using Finite Element Analysis.
- To implement FE simulation using ANSYS and ABAQUS software packages.

Course Content

- § Introduction to Composite Materials
- § Engineering applications of Composite Materials.
- § Manufacturing techniques
- § Testing and Characterization
- § Mechanics of Composite Materials
- § Introduction to FE simulation using ANSYS and ABAQUS software packages.

External Experts

Prof. Gangadhara Raju,
Dept. Of Mech. Engg, IIT Hyderabad.

Prof. A Kumar

Dept. Of Mech. Engg. NIT-Warangal.

Prof G. V. Rao

Dept. Of Mech.Engg, VITS Hyderabad. (Ret.)
Scientist, DRDO,

Registration Fee

Faculty Member: 1,000/-

Research Scholar: 500/-

Students: 500/-

- § Registration fee includes course material, lunch, Refreshments.
- § Accommodation will be provided on payment basis.

Date & Time of Registration:

16th November 2015, 9AM at AGF-04,

U-BLOCK,

Mechanical Engineering Department, VFSTR
(Deemed to be University).

A Three-Day National Workshop on Composite Materials

(NWOCM-2K15)

(16th – 18th November 2015)

Registration form

Name.....

Qualification.....

Designation.....

Experience.....

Organization.....

Address.....

.....

.....

.....

Phone/Mobile No

E – Mail

Payment Details

Transaction Id/Ref. No.....

Dated..... Amount.....

Signature.....

Accommodation : YES/NO



REPORT ON

NATIONAL WORKSHOP ON COMPOSITE MATERIALS-NWOCM-2k15

Dates: 16th-18th November 2015

Department of Mechanical Engineering, VFSTR organized a "National workshops on Composite materials- NWOCM-2k15" on 16th November to 18th November 2015 to faculty members to enhance their knowledge of current developments. Faculty members from different college have participated in the event.

Total of 40 faculty from different institutes have participated and explored different aspects of composite materials and got hands-on experience on different software packages used in composite materials.

External Experts from the various reputed organization had given expert talks on various advancements in composite materials as follows

Prof. Gangadhar Raju, Dept. Of Mech. Engg, IIT Hyderabad.

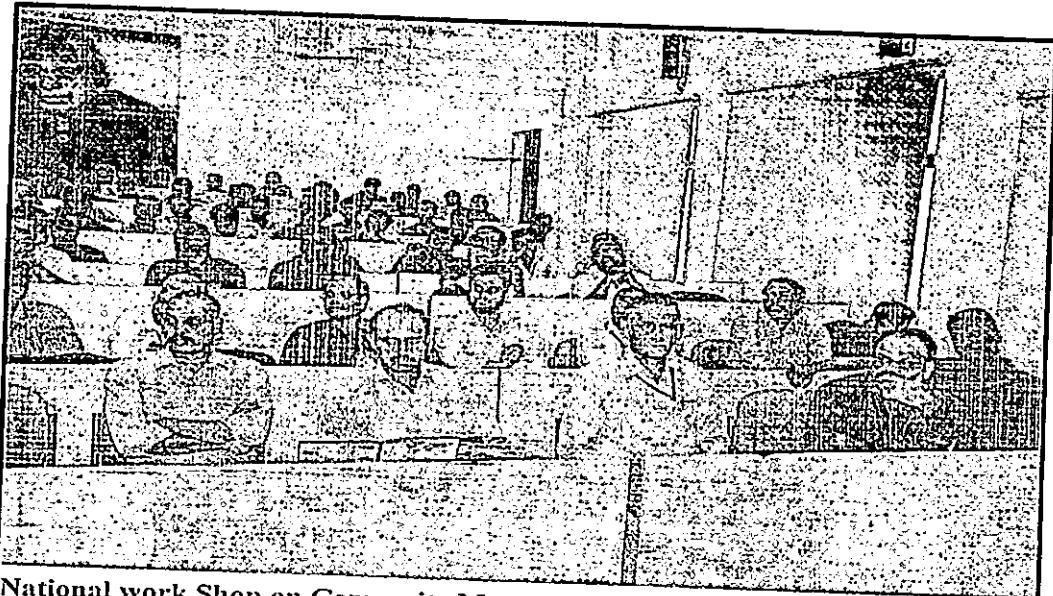
Prof. A Kumar, Dept. Of Mech. Engg. NIT-Warangal.

Prof G. V. Rao, Dept. Of Mech.Engg; VITS Hyderabad. (Ret.) Scientist, DRDO.

Experts have given the lectures on recent developments in composite materials and explained the importance of composites in the field of engineering in the specific aerospace industry.

The following are the topics that are covered during the workshop

- ❖ Introduction to Composite Materials
- ❖ Engineering applications of Composite Materials.
- ❖ Manufacturing techniques
- ❖ Testing and Characterization
- ❖ Mechanics of Composite Materials
- ❖ Introduction to FE simulation using ANSYS and ABAQUS software packages



National work Shop on Composite Materials-NWOCM-2K15
Date: 16 November 2015
Inauguration and Session-1



National workshop on Composite Materials-NWOCM-2k15
second day Software Practice

G. Sundar
Coordinator

M
Head of the Department

Dr. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 213



DEPARTMENT OF MECHANICAL ENGINEERING

NAME OF THE EVENT: THEE DAYS NATIONAL WORKSHOP ON "COMPOSITE MATERIALS-NWOCM-2K15"

ATTENDANCE SHEET: 16-11-2015 TO 18-11-2015

S. No	Name of the participant	16/11/2015	17/11/2015	18/11/2015
1	Dr Raghu Nath Yadav	P	P	P
2	Dr Milind Rajaram	P	P	P
3	Dr.LakshmiPrasanna vaidana	P	P	A
4	Dr Krishna Singh	P	P	P
5	Mrs Pavani Kumari N	P	P	P
6	Mr.Farooq Shaik	P	P	P
7	Dr. Girish Deshmukh	P	P	P
8	Mr.A. Haja Maideen	P	A	P
9	Dr. Timsy Mehta	P	P	P
10	Dr. Shridevi Sindagi	P	P	A
11	Dr.Sanjay Maheshwari	P	P	P
12	Prof.Vikas Raj	P	P	P
13	Mr.P.B.G S.N.Murthy	P	A	P
14	Mr.Mihir Barman	P	P	P
15	Mr.K Baba Saheb	P	P	P
16	Mr.M Venkatesh	P	P	P
17	Mr.T CH Anil kumar	P	P	P
18	Mr.Antwin oshy A P	P	A	P
19	Dr Mary jasmin nerella	P	P	A
20	P.Nageswara Rao	P	P	P
21	Mr.S.A.K.JILANI	P	P	P

22	Mr.K.V.L Soma Sekhar	P	P	P
23	Dr. M. Sreenivasa Kumar	P	-P	P
24	Dr. D. Suneel	P	P	P
25	Dr. D. Jagadish	P	P	P
26	Dr. S.Jai Krishna	P	P	P
27	Dr. S.B.Venkata Siva	P	P	P
28	M. Venkaiah	P	P	P
29	P.Srinivasa Rao	P	P	P
30	Mr V. Srikumar	P	P	P
31	Mr. G. Baburao	P	P	P
32	Mr. T.Ashok	P	P	P
33	Dr. B.Tulasi Rama Rao	P	A	P
34	C. SURESH	P	P	P
35	N NAGUNAIK	P	P	P
36	R. SAI SYAM	P	P	P
37	T. ANURADHA	P	A	P
38	K. PAVAN KUMAR REDDY	P	P	P
39	V. SUDHEER KUMAR	P	P	P
40	ANIL KUMAR GARIKAPATI	P	P	P

G. S. Suresh
Coordinator

M. Ramakrishna
Head of the department
Dr. M. Ramakrishna, Ph.D
Professor & Head
Dept. of Mechanical Engineering
VFSTR University
Vadlamudi-Guntur
Andhra Pradesh - 522 212



FACULTY ORIENTATION PROGRAMME

20-27 June 2016



The aim of conducting Faculty Orientation Programme (FOP) is to enhance the skills of teaching and research of the faculty members who are new to teaching and have had no formal training in pedagogy previously. The FOP for the year 2016 is being organised during 20-27 June with the objective of providing faculty members with an opportunity for professional development. Novice teachers learn latest teaching skills and apply them in the classroom for attaining better learning outcomes from the students.

AFD TEAM MEMBERS

Chief Patrons

Dr. L. Rathalah
Chairman

Mr. L. Srikrishnadevarayalu
Vice Chairman

Patrons

Prof. K. Ramamurthy Naidu
Chancellor

Dr. C. Thangaraj
Vice-Chancellor

Co-Patrons

Commodore. Dr. M.S. Raghunathan
Registrar

Dr. M.S.S. Rukmini
Dean, Student Affairs

Dr. M. Rama Krishna
Dean, IQAC



Dr. A. Sharada
Convenor



Mr. Nagendra Rao Howji
Chief Co-ordinator



Dr. Vijaya Kumar Chavan
Co-ordinator

Academy for Faculty Development (AFD)
in collaboration with

Internal Quality Assurance Cell (IQAC)

Vadlamudi, Guntur Dist. 522 213. A.P., India.

About Vignan's University

Vignan's Foundation for Science, Technology and Research (VFSTR), the flagship institution of the Group offers quality academic programmes, innovative leadership development opportunities and a stimulating campus environment. The University strives to make the experience of each student a transformative one. The institution is NBA accredited, NAAC accredited with 'A' grade. Located in Vadiyamudi, a suburb of Guntur city, the University provides a pollution free, and clean environment.

About Academy for Faculty Development (AFD)

The Academy for Faculty Development is an independent cell functioning within the University supported with a separate budget and office reporting to the Vice-Chancellor directly. It is headed by a Convenor, supported by a team of coordinators for implementing various faculty development and student development programmes from time to time. The Convenor of AFD is advised by the Vice-Chancellor, Dean-Academics & Dean-Evaluation for various need based training programmes.

Rationale

One of the basic parameters of quality of education is effective teaching. Effectiveness of teaching depends upon the pedagogical skills of the teachers besides their domain knowledge. These skills can be acquired through formal training and perfected through constant practice. Fresh post graduates or Doctorates coming from Institutions of Higher Learning and joining as faculty need to be inducted into the profession of teaching through formal training.

Outcomes

The Programme will enable participating teachers to Understand the mission and vision of Vignan's Engineering Institutions

- Familiarise themselves with the work culture, service conditions and expectations
- Understand the multidimensional role of engineering faculty members
- Understand and apply the basic principles of teaching learning and evaluation and appreciate the integrated
- Familiarise with various kinds of teaching methods and use appropriate method in real classroom situation
- Prepare course plan and learning material
- Acquire the skills required to use technology for effective teaching-learning and evaluation
- Understand classroom dynamics and adopt strategies of creating active learning environment
- Acquire the capability for student counselling and mentoring
- Understand the significance of co-curricular and extracurricular activities to facilitate the all-round development of personality
- Become familiar with research methodology, writing research proposals and papers for publication
- Appreciate the need to foster graduate aptitudes of an engineer and prepare them for the profession of engineers
- Understand the role of engineers in the context of nation building and social transformation

Resource Persons

The sessions will be handled by in-house experts. The topics appropriate to the stated outcomes will be covered

Topics for the Sessions

- Changing trends in Engineering Education
- Orientation to Vignan's philosophy and practices.
- Transformation from Student to Teacher-Expected changes in behavior & etiquette
- Communication Skills for Effective Teaching
- An overview of Teaching methods
- Concept of learning & learning Styles
- Assessing Learning Outcomes
- Preparing Course files & Lesson Plans
- Outcome Based Teaching & Evaluation
- Writing research proposals
- Orienting students to Industry
- Psychodynamics of student behaviour
- Pursuing academic excellence through co-curricular activities Mode of Training

The Resource Persons are Deans and Senior Professors of the university. They will present a lecture for 45 min to 1 hr during the technical session and it will be followed by interaction/discussion/ activity. Often the resource persons may give some assignments on the topics discussed which the participants may be asked to submit the next day. The resource persons will use power point presentations and audio-visual aids where appropriate.

Some learning material in the form of lecture notes may be distributed as and when necessary.

Micro-teaching

The practice sessions will involve teaching demonstrations by the trainees in the presence of Senior Faculty Members who will evaluate their performance and also act as mentors by offering constructive feedback. The demos will be video-graphed and shown for self-evaluation and improvement. Writing course plans and lesson plans is part of the activity.

Open Forums

There will be 1 or 2 Open Forums where the participants can freely ventilate and informally discuss their views on various aspects relevant to the Induction programme

Feedback

The effectiveness of the programme will be evaluated obtaining session-wise feedback from the participants on a five-point rating scale in the proforma at the end of each day

ACADEMY FOR FACULTY DEVELOPMENT (AFD)
FACULTY ORIENTATION PROGRAMME- 2016
From 20TH – 27TH JUNE 2016

S. NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT	REMARKS
1.	MR. B DEVENDRA VARMA	ASSIST. PROF.	AE	Present for all sessions
2.	MR. BACHINA HARISH BABU	ASSIST. PROF.	AE	Present
3	MR. G RAMTAKE	ASSIST. PROF.	AE	Present
4.	MR. RAMESH CHITTEM REDDY	ASSIST. PROF.	AE	Present
5.	MR. SUSHANT SUKHADEV BOBADE	ASSIST. PROF.	AE	Present
6.	MR. VIPIN P R	ASSIST. PROF.	AE	Present
7.	MS. CHANNABASAMMA. B. BIDEED	ASSIST. PROF.	AE	Present
8.	MS. M ANUSHA	ASSIST. PROF.	AE	Present
9.	MS. PRAVITHA M	ASSIST. PROF.	AE	Present
10.	B. JYOTHSANA	ASSIST. PROF.	BT	Present
11.	D. CHANDRA SEKHAR	ASSIST. PROF.	BT	Present
12.	D. JASWANTH CHOWDARY	ASSIST. PROF.	BT	Present
13.	DR. D. VIJAYA RAMU	ASSIST. PROF.	BT	Present
14.	DR. MD. NAZNEEN BOBBY	ASSIST. PROF.	BT	Present
15.	DR. N. JALAJA	ASSIST. PROF.	BT	Present
16.	DR. N.S. SAMPATH KUMAR	ASSIST. PROF.	BT	Present
17.	DR. SHIVAKIRAN M.S	ASSIST. PROF.	BT	Present
18.	DR. T.S. GOPENATH	ASSOC. PROF.	BT	Present
19.	J. HARSHITA	ASSIST. PROF.	BT	Present
20.	MR.B. VENKATESH	ASSIST. PROF.	CHEM	Present
21.	MR. AMARNATHA REDDY	ASSIST. PROF.	CSE	Present
22.	MR.J. AMAR	ASSIST. PROF.	CSE	Present
23.	MR.J. BENERJI BABU	ASSIST. PROF.	CSE	Present
24.	MS. M. BHARGAVI	ASSIST. PROF.	CSE	Present
25.	MS. SD. SHARIFUNNISSA	ASSIST. PROF.	CSE	Present
26.	MS.S. RADHA RANI	ASSIST. PROF.	CSE	Present
27.	MS.T. SAHITHI	ASSIST. PROF.	CSE	Present
28.	MR. ADITYA	ASSIST. PROF.	ECE	Present
29.	MR. ASHUTOSH KUMAR DIKSHIT	ASSIST. PROF.	ECE	Present
30.	MR.B. RAVI	ASSIST. PROF.	ECE	Present
31.	MR.G.D. SURYA CHAND	ASSIST. PROF.	ECE	Present
32.	MR. MANOJ REDDY	ASSIST. PROF.	ECE	Present
33.	MR.N. SURESH	ASSIST. PROF.	ECE	Present
34.	MR.N. AVINASH	ASSIST. PROF.	ECE	Present
35.	MR.S. ASWIN KUMAR	ASSIST. PROF.	ECE	Present
36.	MRS. K. SAI PRIYANJALI	ASSIST. PROF.	ECE	Present

S. NO	NAME OF THE FACULTY	DESIGNATION	DEPARTMENT	REMARKS
37.	MRS.D. SHOBA	ASSIST. PROF.	ECE	Present
38.	MRS.YAMANI SUDHA VANI	ASSIST. PROF.	ECE	Present
39.	MS. BAJIBI SHAIK	ASSIST. PROF.	ECE	Present
40.	MS. HRUDYA	ASSIST. PROF.	ECE	Present
41.	MS.R. DIVYA PRANEETHA	ASSIST. PROF.	ECE	Present
42.	MS.R. LINITHA	ASSIST. PROF.	ECE	Present
43.	MS.S. MRUDULA	ASSIST. PROF.	ECE	Present
44.	MS. SONAM JAIN	ASSIST. PROF.	ECE	Present
45.	MS.V. SEERISHA	ASSIST. PROF.	ECE	Present
46.	MR. A. RAMA KRISHNA	ASSIST. PROF.	IT	Present
47.	MS. K. PRASANTHI	ASSIST. PROF.	IT	Present
48.	MS. SK. NAZMA SULTANA	ASSIST. PROF.	IT	Present
49.	DR. B. NAGESWARARAO	ASSIST. PROF.	S&H	Present
50.	DR. K. MADHAN SINGH CHAUHAN	ASSIST. PROF.	S&H	Present
51.	DR. P. YOUSUFKHAN	ASSIST. PROF.	S&H	Present
52.	DR. R. PARTHASARATHY	ASSIST. PROF.	S&H	Present
53.	DR. R. UDAYABHASKAR	ASSIST. PROF.	S&H	Present
54.	MR. J. MOHAN RAO	ASSIST. PROF.	S&H	Present

DEPARTMENT WISE FACULTY DETAILS OF FOP-2016

S. No.	Department	Faculty Members
1.	AE	09
2.	BIO-TECH	10
3.	CHEM	01
4.	CSE	07
5.	ECE	18
6.	IT	03
7.	S & H	06
TOTAL		54



Dr. A. Sharada

Dr. A. Sharada
Convenor
Academy for Faculty Development



NAAC 'A'
Accredited

MHRD
nirf 88
Rank



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

ESTD UN 3 of UGC Act of 1956

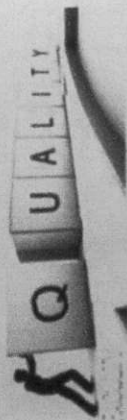
ACADEMY FOR

FACULTY DEVELOPMENT

in collaboration with Internal Quality Assurance Cell (IQAC)

FACULTY ORIENTATION PROGRAMME JUNE-2016

Development
Leadership
Mentoring
Opportunities
Research
Programs
Resources
Ethics
Leaders
Mentor
Faculty
Personal
Engineering
Monitor



Certificate of Completion

This is to certify that Mr./Ms. Dr. B. Nageswara Rao..... has
successfully completed the **Faculty Orientation Programme** from 20th to 27th June 2016.

His/Her performance is Satisfactory/Good.

Mrs. Sharada Allamneni
Programme Convener

Dr. V. Madhusudhan Rao
Dean, Engineering & Management

Dr. M. Ramakrishna
Dean, IQAC

Dr. C. Thangaraj
Vice-Chancellor



ACADEMY FOR FACULTY DEVELOPMENT
FACULTY ORIENTATION PROGRAMME (FOP I-2016): 20-27 JUN 2016
REPORT



The Chairman Vignan Group Dr. Lavu Rathaiah addressing the FOP I participants on the Inaugural day 20th June 2016

One of the basic parameters of quality education is effective teaching. Effectiveness of teaching depends upon the competencies of the teacher, which include Pedagogical Skills, besides Domain Knowledge. Many a time, skills are acquired through formal training and perfected through constant practice. Fresh Post-Graduates or Doctorates coming from Institutions of Higher Learning are joining as faculty needs to be trained and inducted into the realm of teaching through formal training in pedagogy

The Programme will enable participating teachers to

- Understand the Mission and Vision of Vignan's Engineering Institutions
- Familiarize themselves with the work culture, service conditions and expectations
- Understand the multidimensional role of Engineering Faculty Members
- Understand and apply the basic principles of teaching, learning and evaluation and appreciate the integrated approach
- Familiarize with various kinds of teaching methods and use appropriate method in real classroom situation
- Prepare course plan and learning material

- Acquire the skills required to use technology for effective teaching-learning and evaluation
- Understand classroom dynamics and adopt strategies of creating active learning environment
- Acquire the capability for student counseling and mentoring
- Understand the significance of Co-Curricular and Extra-Curricular activities to facilitate all-round development of personality
- Become familiar with research methodology, writing research proposals and papers for publication
- Appreciate the need to foster graduate aptitudes of an engineer and prepare them for the profession of engineers
- Understand the role of engineers in the context of nation building and social transformation

With this in view, the Vignan's University conducts FOP every year. This year also FOP - I was conducted in June. The Orientation Programme was conducted from 20th to 27th June 2016.

The Faculty Orientation Programme was inaugurated on Monday, 20th June 2016 at 9.30 AM on 1ST floor NTR Library in the August presence of our beloved Chairman, Dr. Lavu Rathaiah, Dean Engineering and Management Dr. V. Madhusudhana Rao, Ms. A. Sharada, Associate Professor, Convener of the programme, S&H, Prof Rukmini, Dean Student Affairs.

At the outset, Ms. A. Sharada gave the opening remarks and briefed about the main objectives of the Faculty Orientation Programme. She spoke about the Micro Presentations, Teacher Efficacy, Student- Centric Methods, Orientation, Equipping the Skills, Peer Learning, Vision and Mission of Vignan etc. She extended a warm welcome to the spell of FOP 2016.



Convener AFD Ms. A Sharada briefing the opening remarks on the Inaugural Day

Dr. V. Madhusudhan Rao, Dean Engineering and Management, while speaking to the newly selected faculty emphasized to maintain the eye contact with students and that will express clearly whether the subject taught was absorbed by him/her or not.



He encouraged the Faculty to go for research and publish papers. He asked the faculty to spend 1/3rd of their time in teaching, 1/3rd in learning and 1/3rd in research.

Dr. V. Madhusudhan Rao, Dean Engineering and Management voiced the Vision & Mission of Vignan. He spoke about the Emotional Balance, Social Consciousness and Psychological Balance of the students as well as teachers. He told the faculty that, no technical institution is taking pain to conduct innovative programmes like FOP, except Vignan Group. In his speech, the Dean Engg & Mgt explained the following issues:

1. How Vignan is serving the local needs of the region?
2. How it is contributing and benefitting the society through research and practice?
3. How emerging areas can prosper the student community through employment?

The Organizational structure of the Vignan University was clearly explained. Later, the importance of the involvement of the teachers in maintaining discipline of the students, teachers' participation in the process, clarity in teaching are explained.

While addressing, the Dean gave example regarding increasing the involvement of students during lab sessions, enhancing the reasoning of the students. The session was informative and interactive. The participants were totally engrossed during the session

Finally, Ms. A. Sharada spoke about the preparations for Micro-Teaching Sessions and asked the teachers to get ready with topic and PPT's.



Honourable Chairman's message to the young faculty

On the eve of the inauguration of the FOP 2016, Honourable Chairman of Vignan's University interacted with the budding blossoms. At the outset, he congratulated and welcomed newly appointed faculty to the Vignan's University.

He expressed that Vignan honours their certificates and scholasticism.

- He congratulated Ms. Sharada, Convener of the Programme and team members for conducting Orientation Programmes. He also said that the past orientation programme had really given positive outcomes and completely bringing the transformation in presenting their content with different approaches and methods. In one spell of the programme, they have trained more than 40 B. Tech faculty members, who were initially with weak presentation skills. After the completion of 20 days of orientation, there was lot of transformation in presenting the content and they were so dynamic. After training around 30 faculty left for other institutions. Finally, he said let us consider this issue as social service.
- In last programme, they had selected 25 B. Ed trained teachers who were completely from Telugu Medium background and were trained for 100 days and transformed them into English Medium Teachers and they are presently working in Vignan Schools.
- He said that the teachers must enhance their knowledge in the domain area
- He spoke of the importance of Content Delivery, Classroom Dynamics and Methods of Teaching.
- He explained the nature of a student as an individual and student in a group.
- He stressed about learning orientation, effective teaching, teachers' attitude towards students & love for teaching.
- He also told that much of the revenue is generated through education. So, he stressed that education can never be neglected.
- He spoke about the importance of Time Management, Effective Preparation, Focused Attitude and other challenges. He asked the Dean Engineering and Management to encourage research through some special considerations.

The programme was headed by Convener Ms. A. Sharada, Associate Professor. Coordinators

Mr. Nagendra Rao Howji and Mr. Vijaya Kumar Chavan.

First day of FOP 2016 started on 20th June 2016.

Soon after the Inaugural Function, the Second Session started with Resource Person **Dr. V. Madhusudhan Rao, Dean E & M.**



The session related to Ice-Breaking & Setting Expectations. During Ice-breaking all participants introduced themselves. After the Introduction, he explained about Vignan's Culture and Expectations. Firstly, he said about Vignan's University's Vision and Mission. Next, he discussed about Classroom Performance, Counselling & Monitoring, Fair and Timely Evaluation, Updating Data regularly, completion of syllabus and how to develop the research area. All the faculty members are advised to utilize the resources available and try to publish the good number of papers. The session was very impressive and informative.

- After lunch, the 3rd Session started with Open forum on the topic **"Why Engineering has got devaluated over period of time and what innovations can be brought in academic activities to get the reputation back (In terms of quality of students and teachers)** conducted by Convener, A. Sharada, Associate Professor.

She divided all the 50 participants into 7 groups i.e., each group had 7 to 8 students. She asked all the groups to sit in a circular mode and

discuss the problems and state the statements of the problems and its solution on the chart. After



completion of the group discussion, she asked the group leaders to present their issues group wise. All the members were made to participate equally in stating the problem and solutions.



The session was so interesting everyone enjoyed by contributing equally in open forum.

- After Tea Break, the final 4th Session handled by AFD team. AFD Convener, **Ms. A. Sharada, Associate Professor** announced the participants to issue the Micro-teaching topics from the syllabus allotted by the concerned Department HoD's. All the participants had to present their micro-teaching for 15 to 20 minutes with teaching learning material.

2nd day of FOP 2016 on 21st June

The second day's Session started with Recap, presented on previous day's sessions and

activities done by two participants. Dr. Ravi Kumar, Department of S & H on morning session and Mr. Sunakar Prusty, Department of ECE on afternoon session proceedings.

- **Ms. A. Sharada**, Associate Professor was the resource person on the second day's 1st Session. She delivered a talk on "Learning theory & Learning styles."



What is learning? Why do we learn? Why learners choose to learn? How learning happens, the impact of environment? How do we treat our learners? (both child and adult), different styles of learning, impact of learning, Blooms Taxonomy related to Cognitive Domain, different philosophies related to Learning, Learning Styles for teaching engineering subjects were dealt in detail by showing videos by the resource person.

The session was interactive and informative. The participants gave a grand applause.

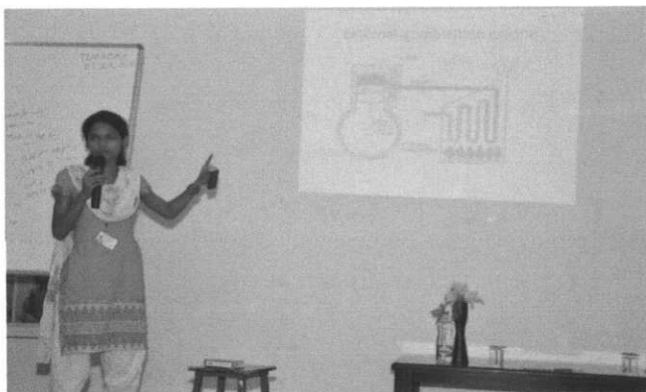
- **Dr M.N. Usha Rani**, HoD, ECE took the Second Session on "Model Lesson Plan and Tips to Write Teaching Note." She has explained: What is a Lesson Plan? How to prepare Lesson Plan? The lesson plan must have Objectives, Learning outcomes, Identify the Knowledge and skill, methodology part to be explained by showing Teaching Learning Materials like video clippings as per the content delivery. She also expressed that out 50 minutes class (5 mins attendance and warm up, 2 mins recap on previous lesson, 5 min introduction, 20 mins core lesson, 5 mins

use of black board, 5 min making students to ask doubts, 4 min on application and 4 min for revision and conclusion).

- **Dr. B. Seeta Ramanjaneyulu**, Dean Academics took a session on **“Outcome Based Teaching & Evaluation (OBE & Washington accord).”**

It is focused not on what the teacher intends to teach but rather the emphasis is on what is the outcome from the learner of that teaching is intended to be. The basic premise of OBT is that the **Teaching and Learning Activities (TLAs)** and **Assessment Methods (AMs)** are *constructively aligned* with the **Intended Learning Outcomes (ILOs)** for the course. The outcomes determine the curriculum content, the teaching methods and strategies, and the assessment process. The outcomes also provide a framework for curriculum evaluation. During the session he also discussed about NBA and NAAC accreditation of the universities based on learning outcome.

- After the tea break, as a part of FOP 2016, Faculty of Applied Engineering took active participation in Micro-Teaching Sessions. The teachings were observed by the Mentors Mr. D. Vijaya Kumar & Mr. S. Krishna Chaitanya from Department of Applied Engineering.



3rd Day of FOP 2016, 22nd June

Day 3 began with Recap Session of day 2. Participant, Dr. A. Sirisha, Department of Applied Engineering presented Morning Session Recap

handled by the Resource persons Ms. A. Sharada & Dr. M.N. Usha Rani. Afternoon session's recap of Dr. B. Seeta Ramanjaneyulu's lecture was presented by the participant, B. Chandra Kala, Department of Applied Engineering.

- **Resource person Ms. A. Sharada, Convener AFD, conducted** Open Forum: Brainstorming on **“Innovative Methods of Teaching in Classroom”** by taking 5 tasks with 5 groups. Each group included 9 to 10 participants. Each group has been given a single task, asked them to prepare statements and its solutions by discussing with group. During their discussion they must write the points on the chart and they should display during their presentation in group.



Task-1: Improper Schooling & Over Dependence of learners on the teacher is a major issue facing all of us as teachers. As a teacher handling of undergraduate classes, how will you make your students independent learners?

Task-2: Twenty First Century students have far too many distractions than students of an earlier age. These distractions often work to the detriment of the student's progress. As a teacher-counselor how will you make your students sensitized to the issue and help them cope with it.

Task-3: We learned from our sessions in FOP June 2016 that 21st Century Students learn better when they have a multisensory experience in the classroom. As a teacher, what are some of the ways in which you can do it to offer that

experience for students to accelerate their learning.

Task-4: Do you believe that UG students can also be led into research and that research is the best way to make students critical thinkers and deep learners? How many ways can you create opportunities for research in your curriculum? Brainstorm & come up with ideas.

Task-5: During the FOP June 2016, we have tried to understand the profile of the present generation student. What do you think are the characteristics of the learner whom you will be teaching in your classroom? Try to enumerate.

All the participants enjoyed this session



- Resource person Dr. P. M. V. Rao, Dean Evaluation, presented on the topic "Preparing Course Files & Lesson Plans"



Explained the importance of lesson plan is to achieve objectives, to keep student and teacher on track. To provide logical sequence and for reflection, reinforcement and improvement and he gave brief idea on structure of lesson plan and

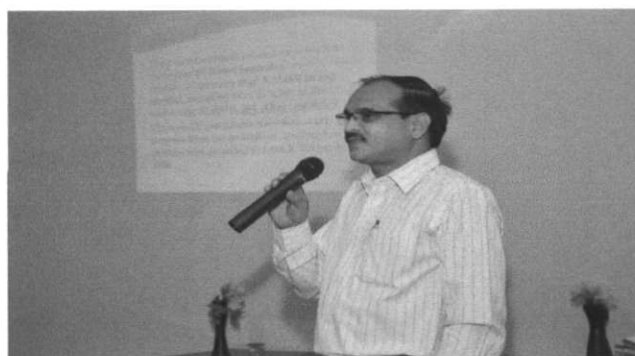
how to write a lesson plan. He also discussed about objectives, pre - assessment, list of materials like PPT, videos, handouts etc., warm up, introduction and evaluation. Greater the structure of lesson plan implies to higher the prospectus of achievement.

Afternoon, in two sessions were conducted micro-teaching for Civil Engineering faculty, Mr. Pradam Kumar, Mentor from Civil Department observed the lesson and expressed his remarks.



4th Day of FOP 2016, June 23rd

- Resource Person: Dr. A. Sreenivasulu, Dean, Research and Development spoke on the Topic: "Research & Publishing Papers."



The Resource person Dr. A. Srinivaslu, Dean R&D, Vignan's University spoke to the participants on various issues related to the publications, patents and copy rights. He encouraged the participants to take up research activities and asked them to write papers for getting published in reputed journals. He explained how research activities are productive

and how researchers will benefit through projects etc.



- **Resource Person: Comde. Dr. M. S Raghunathan spoke on Topic: “Student to Teacher Transformation, The Multifaceted role of a Teacher”**



Registrar’s Session was so energetic and with more stimulus action interacted with participants. He spoke about impact of personality, teaching competencies, importance of dress code, emotional intelligence social characteristics and passion for teaching are discussed in detail. He also discussed multifaceted role of a teacher by taking certain examples.

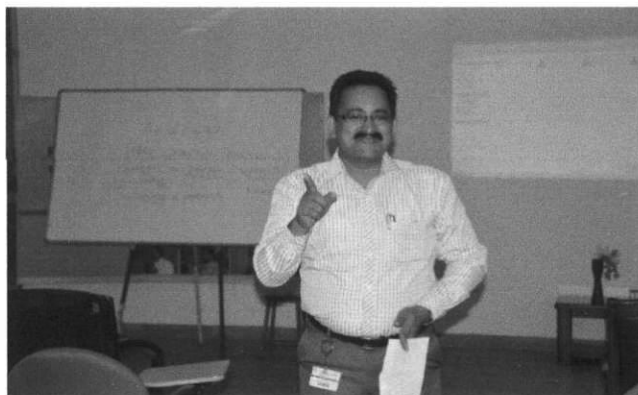


- Department of CSE faculty presented their micro-teaching lessons before the mentors Mr. S.V. Rama Krishna and Mr. D.S. Bhupal Naik from Department of CSE. They shared their suggestions with the participants.



5th Day of FOP 2016, June 24th

- **Resource person: Dr. K. P. Vidhu, HoD, Applied Engg Interacted with student on the topic “Task Based & Project Based Learning”.**



The First session was taken by Dr. K.P. Vidhu, He started his session by telling two stories (Kings Story and the other one is Shirt maker and seller). He said make learning relevant to the real world. It is possible with the Problem/ Project Based Learning (PBL). PBL converts the students from passive mode to active mode and it helps to increase the motivation in the students. He also mentioned that teacher should work like a coach then students behave like participants in learning. The total session was interactive, and he showed few videos related to task based and project-based learning. He had given a task to the faculty

members and made them sit into groups. He finally asked individual and also group result of the task. Finally, all the participants participated very actively and enjoyed the session.



- **Resource person Dr. Ramesh Naidu, Dean T & P**
“Preparing Students for Employability”

He started session by probing questions like, why we have to learn Soft Skills? What is the necessity of Soft Skills? He said for getting job, maintaining the job and to be retained in the job soft skills is required. Students require two types of skills: Soft and Hard Skills. Hard Skill is nothing but technical skill. Student can acquire by their respective core subjects. Soft skills heighten mental ability, aptitude, and communication skills. Soft skills can be provided by training and placement department. He ended with tips to create good/effective relation with students.

- Micro teaching session started for CSE & ECE Department faculty members. Mentors Mr. S. V. Ramakrishna, Mr. D.S. Bhupal Naik from CSE Department and Mr. P. Sambaiah from ECE Department observed the teaching of the participants gave valuable suggestions.



- **Gust lecture: Prof. Nalini Vishwanthan from IIS, Bangalore. Spoke on the topic “Guidance and Counselling on relationships”**



The guest lecture session was totally an interactive with participants. She said that now a day the major problem in the colleges, universities and society are forming relationships which is causing the individual to deviate from their regular work and fall in stress which causes problems leading to so many psychological factors. She has explained how to counsel the students who are in love relationship by taking 2 to 3 case studies.



6th Day of FOP 2016, June 25th

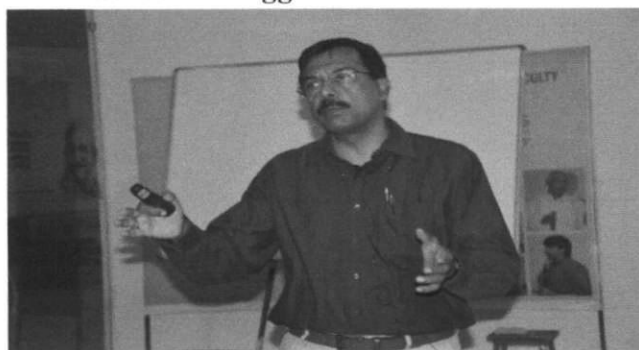
- **Resource person: Mr. Kalyan Mohan, Motivational Trainer & Facilitator**
Topic: “Role of Education in Holistic Development”.



His session started by posing questions to the participants. What is education and what is its role in Holistic Development? What is Real understanding? Importance of physical facilities & relationship. Out of these three which one is the primary and secondary? Is it real understanding, or relationship or physical facilities? He delivered his interactive lecture with PPT presentation and with certain case study as example. Finally, he concluded that the first and foremost is relationship. The second one is real understanding and next physical facilities to develop holistically.



- **Resource person: Dr. B. Rama Moorthy, Rector**
Topic: Innovative Teaching & Best Practices in Engg Education"



The objective this session was about class interaction, publishing papers and research activities. He said that we should have a continuous interaction with the students during the class hours. Get the continuous feedback from students about the faculty teaching standards. Application of theory to practical should be more. Micro-teaching, logical explanation must be there during teaching. Conduct industrial interaction programme for students. He has compared one IIT

to other, how the MOU Process is going with other developed countries. He also said that IIT Madras is getting more Research funding around Rs.1000 crores for the development of research activities. He advised the faculty to find a senior faculty member as mentor for publishing research papers.

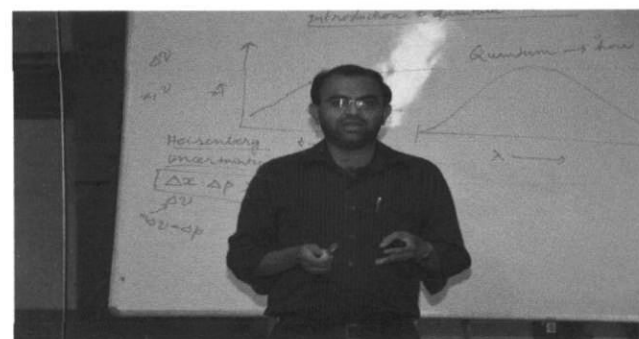
The total session went on interaction with faculty by resource person. All the participants enjoyed this session by collecting more information about IIT Research programmes.



- Department of ECE and ME presented the micro-teaching topics and observed by the mentors Mr. P. Sambaiah, from ECE and Mr. G. Suresh from ME.



7th Day of FOP 2016, June 27th



Participants from the Department of Science and Humanities (S &H) gave their Micro Presentation and was mentored by Prof. N. Sreenivasu, HoD of S & H Department observed Chemistry subject. Later, Prof. M. Srinivasulu and Prof. P.L.N. Varma observed Physics and Mathematics. The participants gave their presentations enthusiastically.

After the session, the Valedictory function was arranged and Vice-Chairman, Mr. Lavu Sri Krishnadevarayulu, Dr. A. Sreenivasulu Dean R&D and Ms. A. Sharada. Associate Professor, Convener AFD graced the occasion and gave away the certificates to the participants.



A total of 50 faculty members from Vignan's University participated from Mechanical-05, ECE-11, CSE-11, Civil-04, S&H-7, Biotech-02, IT-02, AE-07, and T & P- 02 took part in the programme.



The Vice- Chairman, Vignan's Group Mr. Lavu Krishna Devarayulu speaking to the participants during Valedictory Event on 27th June 2016

The external resource persons were **Mr. Kalyan Mohan, Prof. Nalini Viswanathan** and Dr. Lavu Rathaiah, Dr. B. Rama Moorthy, Comde Dr. M. S. Raghunathan, Dr. V. Madhu Sudhan Rao, Dr. B. Seetharamanjaneyulu, Dr. A. Srinivasulu, Dr. P.M.V Rao, Dr. M. Usha Rani, Dr. Ramesh Naidu Dr. K.P. Vidhu and Ms. A. Sharada were the internal resource persons. In the ten micro presentation sessions a total of 50 faculty members participated and demonstrated their teaching skills.



Each day, two people were asked to review the content of the previous day's general session by recapping the key points covered by the speakers. The methodology observed in the programme was interactive & activity-based method, project-based teaching, lecture method, innovative method, question and answer method etc. PPT was used audio – visuals to bring about understanding and drive home knowledge points. Hand outs were dispersed to the participants. A total of 12 topics were dealt exclusively by the external and internal speakers during the session.

P. Sambaiah – ECE
G. Suresh – Mech
S. V. Rama Krishna, D.S. Bhupal Naik – CSE
Pradam Kumar– Civil
D. Vijaya Kumar, S. Krishna Chaitanya – A.E
Dr. N. Sreenivasulu, Dr. M. Srinivasulu
Dr. P.L.N. Varma – S&H were the mentors for Micro presentations.

Brief report

FACULTY ORIENTATION PROGRAMME (FOP-2016)

20-27 JUN 2016

The Faculty Orientation Programme was inaugurated on Monday, 20th June 2016 at 9.30 AM on 1st floor NTR Library in the August presence of our beloved Chairman, Dr. Lavu Rathaiah, Dean Engineering and Management Dr. V. Madhusudhana Rao, Ms. A. Sharada, Associate Professor, Convener, AFD and Prof Rukmini, Dean Student Affairs.

The main objectives of the Faculty Orientation Programme is ensure and enhance skills set like Micro Presentations, Teacher Efficacy, Student- Centric Methods, Orientation, Equipping the Skills, Peer Learning, Vision and Mission of Vignan etc. She extended a warm welcome to the spell of FOP 2016.

- Ice-Breaking & Setting Expectations by Dr. V. Madhusudhan Rao, Dean E &M.
- *"Why Engineering has got devaluated over period of time and what innovations can be brought in academic activities to get the reputation back"* (In terms of quality of students and teachers) conducted by Convener, A. Sharada, Associate Professor.
- Dr M.N. Usha Rani, HoD, ECE took the Second Session on **"Model Lesson Plan and Tips to Write Teaching Note."**
- Dr. B. Seeta Ramanjaneyulu, Dean Academics took a session on **"Outcome Based Teaching & Evaluation (OBE & Washington accord)."**
- Ms. A. Sharada, Convener AFD, conducted Open Forum: Brainstorming on **"Innovative Methods of Teaching in Classroom"**
- Dr. P. M. V. Rao, Dean Evaluation, presented on **"Preparing Course Files & Lesson Plans"**
- Dr. A. Sreenivasulu, Dean, Research and Development spoke on the Topic: **"Research & Publishing Papers."**
- Cmde. Dr. M. S Raghunathan spoke on Topic: **"Student to Teacher Transformation, The Multifaceted role of a Teacher"**
- Dr. K. P. Vidhu, HoD, Applied Engg Interacted with student on the topic **"Task Based & Project Based Learning"**.
- Guest lecture: Prof. Nalini Dwarakanath from IISc, Bangalore spoke on **"Guidance and Counselling on relationships"**
- Mr. Kalyan Mohan, Motivational Trainer & Facilitator Topic: **"Role of Education in Holistic Development"**.
- Dr. B. Rama Moorthy, Rector on **"Innovative Teaching & Best Practices in Engg Education"**
- Microteaching sessions from day 3 to 12

The Valedictory function was arranged and Vice-Chairman, Mr. Lavu Sri Krishnadevarayulu, Dr. A. Sreenivasulu Dean R&D and Ms. A. Sharada. Associate Professor, Convener AFD graced the occasion and gave away the certificates to the participants.



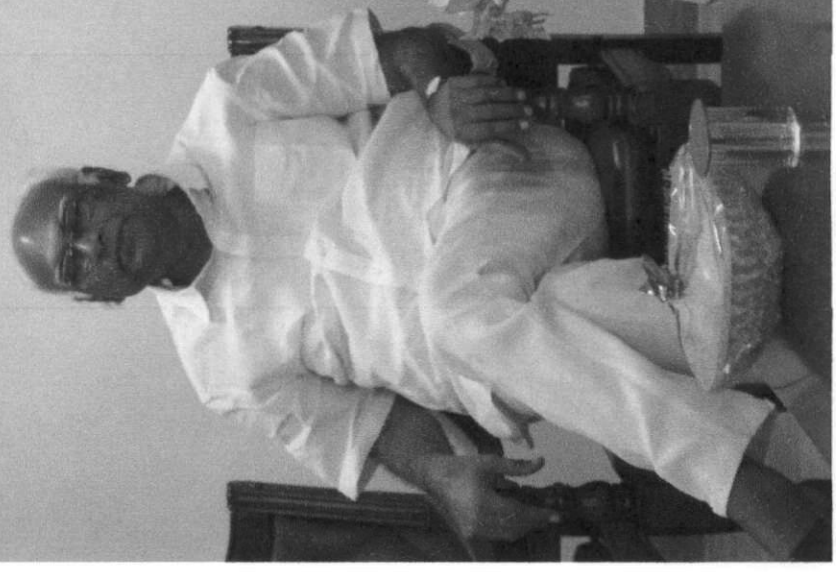
Dr. A. Sharada
Convener, Academy for Faculty Development (AFD)

ACADEMY FOR FA
DEVELOPMENT

VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd U/A 3 of USC Act of 1956)



FACULTY
ORIENTATION
PROGRAM





FACULTY ORIENTATION PROGRAMME

20 June 2016

ACADEMY FOR FACULTY
DEVELOPMENT



VIGNANA'S
UNIVERSITY
Foundation for Learning, Technology & Research
(Established by Act of 1996)



Vice Chairman Sri. Lavu Srikrishnadevarayulu
Addressing the faculty members at the Inaugural Session

A Workshop on
**PREPARATION OF COURSE CONTENT FOR MODULAR
OBJECTIVE - ORIENTED DYNAMIC LEARNING ENVIRONMENT (MOODLE)**
03 - 05, August, 2015



Venue :
NTR Vignan Library
Vignan University



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
[Established under UGC Act of 1956]

Organised by

DEPARTMENT OF SCIENCES & HUMANITIES

About the University

VFSTR (Deemed to be University), the flagship institution of the group offers quality academic programmes for the overall development of the students. It has sprawling campus with state of art classrooms, laboratories and sport fields. The university upholds the parents aspirations and students dreams in catering the diversified needs of the them. The institution is NAAC accredited with 'A' grade and ISO 9001-2008 certified institution. The institution is located in Vadlamudi, a suburb of Guntur city. The Institution offers undergraduate, post-graduate and doctoral programmes in Science, Humanities, Engineering and Management. The entire campus is Wi-fi enabled and connected to external world through National Knowledge Network (NKN).

Department of Sciences & Humanities

The department is established during the academic year 1997-1998. It houses the divisions of Mathematics, Physics, Chemistry and English. It caters the needs of engineering departments and offers due conceptual knowledge in the backdrop of technical upgradation. The department offers UG and doctoral programmes. The department has competent faculty with high degree of reputation in their respective fields. The department has few curricular and extra-curricular programmes to remain sensitized towards scientific, social, cultural, ethical and human issues/values involved in professional environment. The department promotes interdisciplinary research and it has a centre of excellence (CoExAMMPC) and three research centers under its umbrella.

Workshop Objective

- To introduce the Modular Objective Oriented Dynamic Learning (MOODLE).
- To gain hands on experience to use MOODLE environment.
- To prepare new content to fit into the MOODLE environment.
- To modify the existing content to fit into the MOODLE environment.
- To upload the content in the MOODLE.

Resource Persons :

1. **Dr. B. Varalakshmi**, Mentor, Jawahar Knowledge Centre (J.K.C.), and A.P. Higher Education.
2. **Professor. A. Rama Chandra Reddy**, National Institute of Technology (N.I.T), Warangal.
3. **Professor. K. Lakshma Reddy**, National Institute of Technology (N.I.T), Warangal.
4. **Dr. Y. N. Reddy**, Professor of Mathematics, NIT, Warangal

Co-ordinator

Dr. N. Srinivasu

Head, S&H

Mobile : 9866279979

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Modular Objective - Oriented Dynamic Learning Environment (MOODLE)


03 - 05 August 2015

Organized by : Dept. of Sciences & Humanities, Vignan's University



This is to certify that Dr./Mr./Mrs./Ms.
has participated in the three days workshop on "Modular Objective - Oriented Dynamic Learning Environment",
organized by the Department of Sciences and Humanities, Vignan's Foundation for Science, Technology &
Research University, Vadlamudi, Guntur Dist. on 3 - 5, August, 2015.

N. Srinivasu
Dr. N. Srinivasu
HOD, S & H


Dr. V. Madhusudana Rao
Dean, E & M



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(Estd u/s 3 of UGC Act of 1956)

Department of Sciences and Humanities

**A Three-day workshop on
The Preparation of Course Content for
Modular Objective Oriented Dynamic Learning
(03-08-2015 to 05-08-2015)**

The department of Sciences and Humanities have been organized a workshop on Moodle (Modular Object-Oriented Dynamic Learning Environment) during 3 -5 August, 2015. Subject experts were invited from different reputed institutions and made useful discussions for the development of materials to upload in Moodle.

Subject experts for the workshop:

1. Dr. B. Varalakshmi, Mentor, Jawahar Knowledge Centre (J.K.C.), and A.P. Higher Education.
2. Professor. A. Rama Chandra Reddy, National Institute of Technology (N.I.T), Warangal.
3. Professor. K. Lakshma Reddy, National Institute of Technology (N.I.T), Warangal.

Objectives of the workshop:

- To introduce the Modular Objective Oriented Dynamic Learning (MOODLE).
- To gain hands on experience to use MOODLE environment.
- To prepare new content to fit into the MOODLE environment.
- To modify the existing content to fit into the MOODLE environment.
- To upload the content in the MOODLE.

Moodle (Modular Object-Oriented Dynamic Learning Environment) is a Virtual Learning Environment (VLE) Which makes it easy for you to provide online support for your course. Providing a central space on the web where students and staff can access a set of tools and resources anytime anywhere. Staff and students of the Department have found most valuable aspects are:

1. An easy way to communicate with students and staff where ever they are :

The news form automatically emails messages to all students and staff on the course. Forums can also be used to answer commonly asked questions – and prevent repeats, to provide a space for informal peer to peer student discussions or even online tutorials. It was especially useful in the heavy snow to let students know when lectures were cancelled.

2. A quick way to share documents:

Moodle provides a place where you can easily create web pages with information about your course and provide links to word documents, slides and other resources that your students will want to access Examples in Conted – Penny Wheeler (psychodynamic counselling programme) putting up PDFs or readings saves hours in photocopying and better for the environment too.

3. Easy access to relevant and useful online resources

The department and the university provide a wealth of materials and resources, but catering for so many different types of students it can be hard for learners to find those that are most relevant to them. You can use your Moodle to provide links directly to the resources that will be most useful for your students whether e-library resources, skills courses, or information about nice pubs to visit in Oxford. Example in Canted – students on the M.Sc. in English Local History can easily access Ancestry when outside the university.

4. Online assignment handling

When your students and tutors are not close to Oxford online assignment handling can save time and effort for everyone involved – whether it is just used for student submission with making done on paper or the whole process is moved online saving time, postage and paper.

Other advantages

- Save time and money – making resource available online can save time and money in photocopying.
- Control access to different areas – can make a space for dispersed tutors to communicate with each other as well as students.
- Use less paper – Keep a central copy online so everyone can find the latest version of a course handbook etc. Provide handouts online and students only print out what they really need.
- Designed to encourage collaborative learning – Moodle makes it easy to model the Oxford tutorial system online if you want to use it with globally distributed students.
- Easy to experiment with new ideas and tools – a low risk way to incorporate new tools and ideas into your teaching.
- Manage your materials – If all your course information is on Moodle this is easy access this year after year.

Other features and tools

- **Course calendar** – use this to flag important events to everyone on your course.
- **Profiles and contact information** – help students and staff get to know each other at the start of the course, also hold information about course team and students in one place.
- **Deliver content** – post up slides etc.
- **Video and audio** – many academics find it easy to record lectures as podcasts or even arrange for videos of lectures or special events – posting these online and making it available to students is straight forward with Moodle.
- **Group tools for students** – there are many tools that students can use for collaboration with each other e.g. forums, wiki and chat

Methodology:

The resource persons would be facilitators and make the participants to gain the experience to use the MOODLE environment. The resource persons divide the participants into groups and pairs to do the tasks. Once the tasks are finished the feedback would be provided by the resource persons to the participants. Later the session was followed by question and answer sessions. Practical approach was followed to all the sessions.

OutComes

- Faculty members learnt to use the MOODLE environment.
- Prepared new content and modified the existing content which is fit to upload in the MOODLE environment.
- Faculty could upload the content in the MOODLE.

N. Srinivasu

HoD




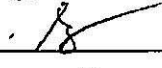

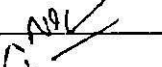



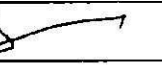



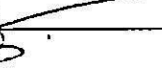
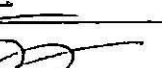
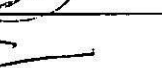

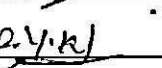


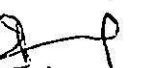
2015-2016
Moodle 05.08.2015 to 05.08.2015

VIGNAN UNIVERSITY

Department of Sciences & Humanities

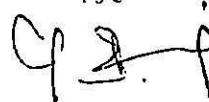
Workshop on MOODLE (3-5 August, 2015)

List of participants:

S.No.	Name	Signature
	M. Vani	
	U.V. Manoj Kumar	
	Dr. S. S. S. S. S. S.	
	Dr. M. S. S. S. S.	
	Dr. M. S. S. S. S.	
	G. Nagarajan Rao	
	K.V.B. Ravi chandra	
	K.S. RAGHU RAM	
	U. Srirangarath	
	Dr. H. Narasimha Kumar	
	V. Chandra Sekhara Reddy	
	Dr. M. Hanumanth Raju	
	Dr. K.S. Rao	
	T. Srinivasan Rao	
	B. Nagarajan Rao	
	Dr. K.V. Madhavi	
	Y. Nagarajan	
	Dr. P. Venkatesh Kumar	
	Y.V. Omprakash	

M. Raju Krishna

Y. Jyoti



M. Siresha HS

Ch. Karuna Sree CS

MVK Saivani MVK

T. Sareethi SS

K. Kalyani KD

Scd Dr

SHAIK ANWAR

D. N. KARAN

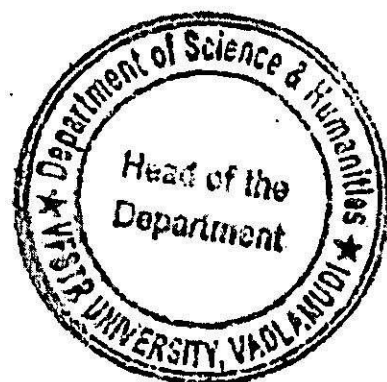
SS

K. Mani Das

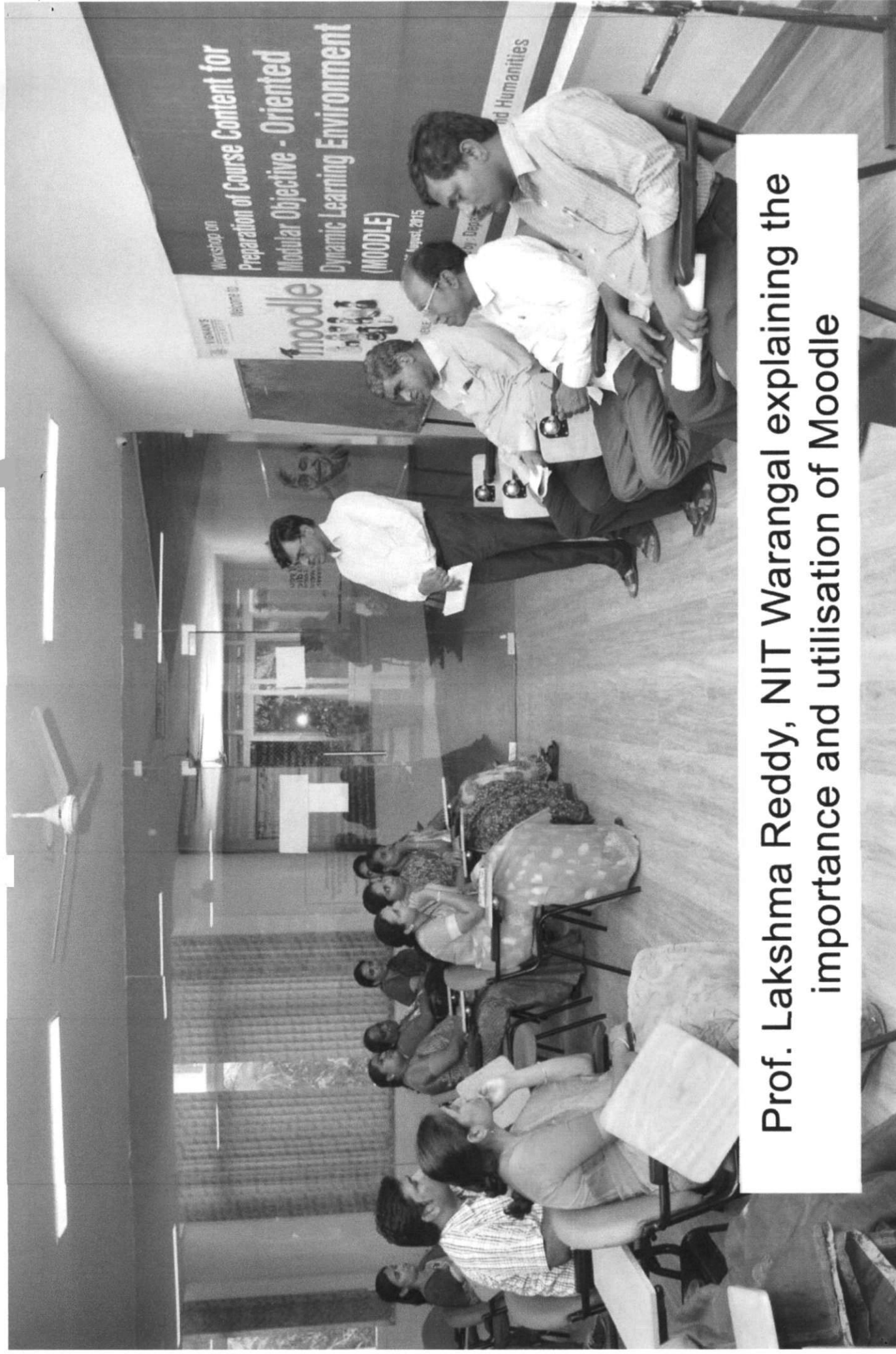
KS

N. Srinivas

Co-ordinator



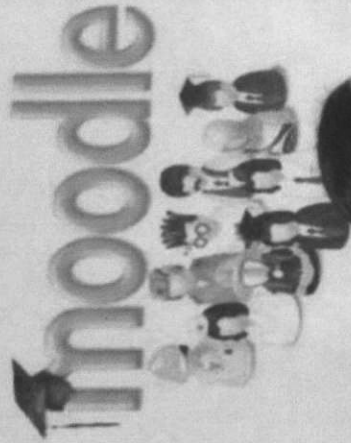
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moodle. - 2 Page - has sign



Prof. Lakshma Reddy, NIT Warangal explaining the importance and utilisation of Moodle



Welcome to ...



NTR

Workshop on
Preparation of Course Content for
Modular Objective - Oriented
Dynamic Learning Environment
(MOODLE)

03 - 05 August, 2015

Organised by : Department of
Languages and Humanities



Material development - to upload in moodle
by Dr. Varalakshmi



Welcome to ...

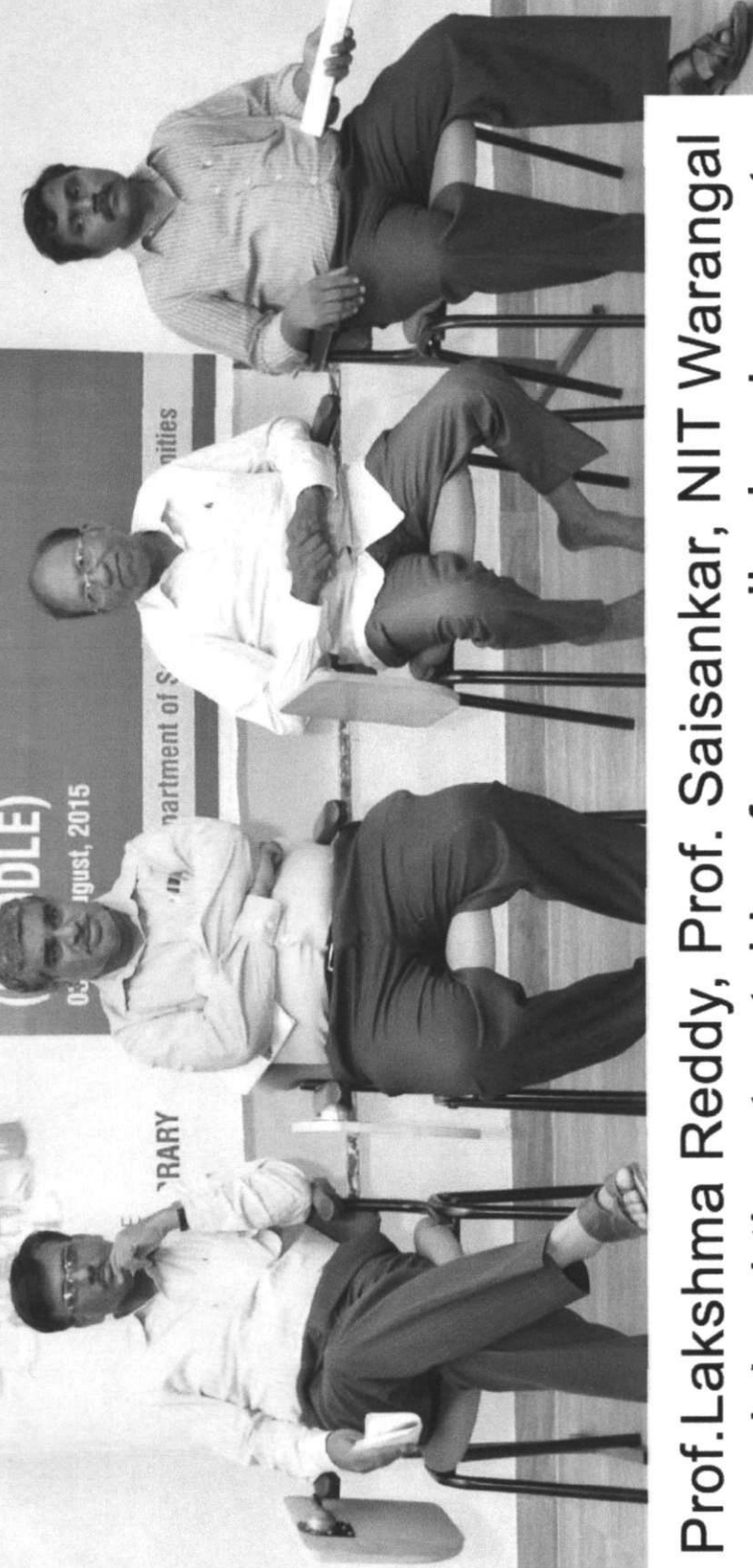


LIBRARY

Workshop on
**Preparation of Course Content for
Modular Objective - Oriented
Dynamic Learning Environment
(MOODLE)**

03rd August, 2015

Department of S...
nities

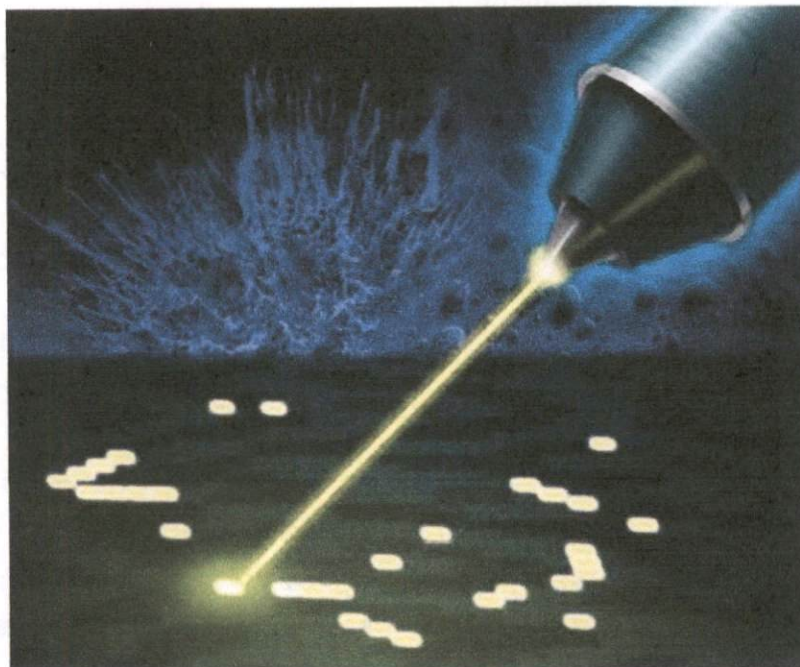


Prof. Lakshma Reddy, Prof. Saisankar, NIT Warangal
explained the stop taking for moodle development



Interactive session - Questions and Answers
session Prof. Sai Sankar NIT, Warangal

A Two day National Workshop on
LASERS AND NANOMATERIALS
08-09, October, 2015
Time: 10-00 am- 1.00 pm



Resource Person

Dr.B.Tirumala Rao, RRCAT, Indore

Venue :

Spoorthi Seminar Hall, III Floor
H - Block, Vignan University



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY

(Estd u/r U of UGC Act of 1956)

Organised by
Division of Physics
DEPARTMENT OF SCIENCES & HUMANITIES

About the University

VFSTR (Deemed to be University), the flagship institution of the group offers quality academic programmes for the overall development of the students. It has sprawling campus with state of art classrooms, laboratories and sport fields. The university upholds the parents aspirations and students dreams in catering the diversified needs of the them. The institution is NAAC accredited with 'A' grade and ISO 9001-2008 certified institution. The institution is located in Vadlamudi, a suburb of Guntur city. The Institution offers undergraduate, post-graduate and doctoral programmes in Science, Humanities, Engineering and Management. The entire campus is Wi-fi enabled and connected to external world through National Knowledge Network (NKN).

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About the Workshop

LASERS AND NANOMATERIALS - the scientific study and application of lasers and nanomaterials have evolved to become a key technology behind many devices found in the modern home, factory and research lab. It's applications are rapidly transforming the way we used to work and analyze. The

applications involve the cutting-edge use of lasers, optics, fiber-optics, and electro-optical devices. Photonics has many applications in manufacturing, medicine, aerospace, communications, security, solid-state lighting, and other high-tech fields. It not only helped the development in different fields in science and technology but also contributed towards the improvement of the quality of human life to a great extent. The main goal of this workshop is to bring together leading optics and nanomaterials experts from all levels to discuss, demonstrate and learn about new developments and approaches to teaching in these fields. Hence Deliverables and Workshop Topics are more emphasized on,

- Challenges and opportunities in lasers and nanomaterials.
- Soft Matter Photonics.
- Periodic and Random structured photonic crystal.
- Future Research Directions.

Important Dates

Last Date for Registration - Sep 30, 2015.

Convener

Dr. M.Sreenivasulu, Professor

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Co-Convener

Mr.J.N.Kiran, Associate Professor

Mobile : +91 9985231727

kiran.nischal@gmail.com

Organizing Committee

Dr. K.V.Madhuri, Associate Professor

Dr. K.Srinivasa Rao, Associate Professor

Dr. Md.Yousaf Khan, Assistant Professor

Dr. R.Uday Bhaskar, Assistant Professor

Mr. B.Nageswara Rao, Assistant Professor

Mr. Ch. Tirupataiah, Assistant Professor

Mr. Y.V. Omprakash, Assistant Professor

Ms. M. Ratnamani, Assistant Professor




A two day National Workshop on
Lasers and Nanomaterials
08-09 October, 2015

Certificate of Appreciation

This is Certify that Mr./Ms./Dr.....
of
has participated in the Natinal Workshop on "Lasers and Nanomaterials", organized by
Division of Physics, Department of Sciences and Humanities during 08-09, October, 2015


Dr. M. Sreenivasulu
Convenor


Dr. N. Srinivasu
HOD, S&H Department


Dr. C. Thangaraj
Vice Chancellor, VFSTR

A Two National Workshop on Lasers and Nanomaterials

8-9th, Oct, 2015

S.No	NAME OF THE PARTICIPANT	INSTITUTE	SIGNATURE
1.	N. Jyothi	VFSTR (deemed to be University)	N. Jyothi
2.	S. Nagamani	VFSTR (deemed to be University)	S. Nagamani
3.	A. Rama Krishna Rao	VFSTR (deemed to be University)	A. Rama Krishna Rao
4.	Vijaya Kumar Chavan	VFSTR (deemed to be University)	Vijaya Kumar Chavan
5.	P. Suresh Palnalk	AITAM	P. Suresh
6.	K. Ravi Kumar	AITAM	K. Ravi Kumar
7.	N. Nageswara Rao	AITAM	N. Nageswara Rao
8.	S.V. Murtly Prasad	Annamalai University	S.V. Murtly Prasad
9.	Y. Sudhakar Reddy	AC College	Y. Sudhakar Reddy
10.	P. Michel Vinaya Teja	AC college	P. Michel Vinaya Teja
11.	M. Ratna Raju	AC college	M. Ratna Raju
12.	P. Sunil Kumar	VVIT	P. Sunil Kumar
13.	N. Praveen Kumar	VVIT	N. Praveen Kumar
14.	K. Raghu Kumar	RGUKT	K. Raghu Kumar
15.	K. Srinivasa Rao	PBN College	K. Srinivasa Rao
16.	P. Srinivasa Rao	ANU	P. Srinivasa Rao
17.	M. Chaitanya	SGS College	M. Chaitanya
18.	E. Chandra Shekar	VFSTR (deemed to be University)	E. Chandra Shekar
19.	G. Mahesh	ANU	G. Mahesh
20.	A. Rupesh Kumar	SMGG	A. Rupesh Kumar
21.	T. Bhavani Sankar	SMGG	T. Bhavani Sankar
22.	SK. Akhila	Bapatla Engg. College	SK. Akhila
23.	I. Anitha	Bapatla Engg. College	I. Anitha
24.	P. Anna Mani	Bapatla Engg. College	P. Anna Mani
25.	D. Ravi Kumar	Bapatla Engg. College	D. Ravi Kumar
26.	T. Sahitya	Bapatla Engg. College	T. Sahitya
27.	E. Manji Bhargavi	Bapatla Engg. College	E. Manji Bhargavi
28.	D. Sandya	Bapatla Engg. College	D. Sandya
29.	B. Sowmya	Bapatla Engg. College	B. Sowmya
30.	P.V. Swapna	Bapatla Engg. College	P.V. Swapna
31.	G. Leo Manogna	Bapatla Engg. College	G. Leo Manogna
32.	T. Hema Latha	Bapatla Engg. College	T. Hema Latha
33.	D. Susmitha	Bapatla Engg. College	D. Susmitha
34.	V. Anusha	Bapatla Engg. College	V. Anusha
35.	P. Chandana	Bapatla Engg. College	P. Chandana
36.	N. Akhila	Bapatla Engg. College	N. Akhila
37.	N. Hema	Bapatla Engg. College	N. Hema
38.	P. Sushma	Bapatla Engg. College	P. Sushma
39.	K. Vasundara	Bapatla Engg. College	K. Vasundara



40.	K. Hanumantha Rao	Bapatla Engg. College	K. Hanumantha Rao
41.	B. Venkateswara Reddy	KITS	B.V. Reddy
42.	CH. Jhoshna	Bapatla Engg. College	CH. Jhoshna
43.	D. Prathyusha	Bapatla Engg. College	D. Prathyusha
44.	R. Vijaya Lakshmi	Bapatla Engg. College	R. Vijaya Lakshmi
45.	G. Nandini	Bapatla Engg. College	G. Nandini
46.	J. Anjaneyulu	Bapatla Engg. College	J. Anjaneyulu
47.	K. Samuel	Bapatla Engg. College	K. Samuel
48.	G. Siva Parvathi	Bapatla Engg. College	G. Siva Parvathi
49.	M. Parameswari	Bapatla Engg. College	M. Parameswari
50.	v.Sandhya rani	Bapatla Engg. College	v.Sandhya rani



N. Swinivasy
HoD



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(Established by UGC Act of 1956)

Department of Science & Humanities

**A Brief Report on
Two Day Workshop on
LASERS AND NANOMATERIALS**

08.10.2015 to 09.10.2015

The department of S&H, has organized a two-day **National Workshop on LASERS AND NANOMATERIALS** From 08.10.2015 to 09.10.2015. This workshop has been attended by 50 participants derived from various institutes of Andhra Pradesh and other states. The participants are from disciplines of Physics and Chemistry belonging to PG colleges. Research scholars, faculty and students of various institutes were participated. The objective of this workshop is to introduce **LASERS AND NANOMATERIALS** by length and breadth to promote novel research in the same. This workshop is intended to create awareness regarding the role of lasers on in the synthesis and characterization of nanomaterials. The workshop theme and objectives were presented by the convener Dr. M. Sreenivasulu and Co-Convener, Mr. J. N. Kiran. The Resource person was derived from RRCAT, Indore. The Guest delivered his reflections about the workshop topic and current research trends in the area of lasers and Nano materials.

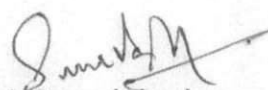
The resource Person has delivered a lecture on **Nano Materials and their Applications** on the first day of the workshop. A group photo session was organized before of lunch break. In the afternoon session a tour to various research laboratories of different disciplines on the campus was organized.

The day two was initiated with the address of **Dr. B.Tirumala Rao RRCAT, Indore**, He has thrown light on role of **lasers to Investigate Nano Materials** in view of their applications in various fields of Science and Technology. The participants have been given an opportunity to have hands on experience considering the research equipment and instrumentation available at the Research Centers of VFSTR deemed to be University.

The valedictory session was organized and feedback from the participants was received. Later, all the participants were distributed of certificates and the vote of thanks was delivered by the convener of the program.

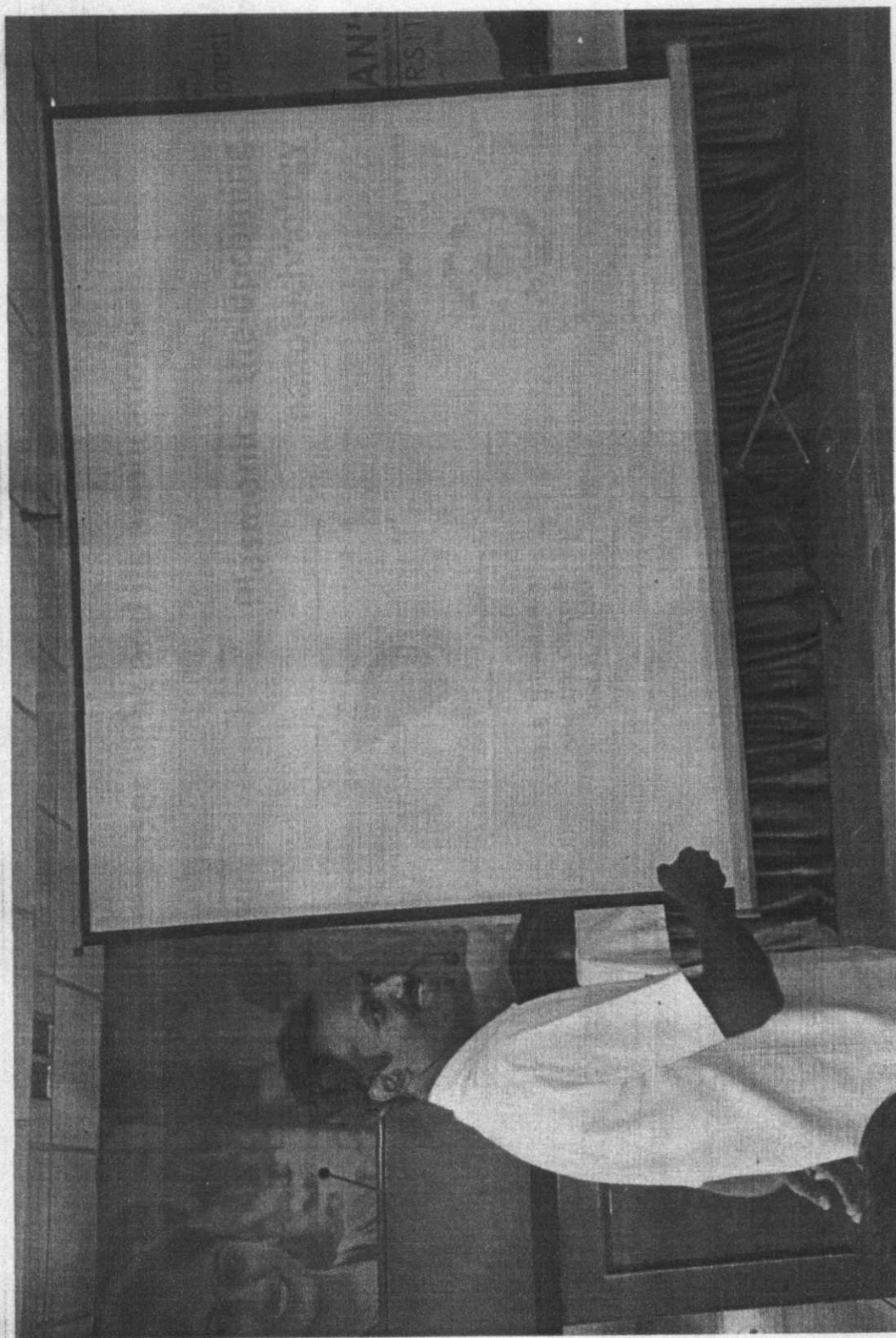


Mr. J.N.Kiran
Co- Convener



Dr. M. Sreenivasulu
Convener









Guest Lecture
On

Lasers and Nanomaterials

Speaker

Dr. B. Tirumala Rao

Scientific Officer - F, Laser Division
Raja Ramanna Centre for Advanced Scientific Technology (RRCAT)
(A unit of Department of Atomic Energy), Indore

Date: 08-10-2015

Venue: Sravanthi Seminar Hall

Time: 2 P. M.

Organizers

Department of Sciences and Humanities

All are invited

18 జూన్, 2015



VIGNAN'S
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UNIVERSITY

(Established under UGC Act of 1956)

A Workshop on
**SAFETY MEASURES WHILE
USING HAZARDOUS CHEMICALS**
03 - 09, June, 2016



Venue :
**Engineering Chemistry Lab, ATF - 01,
U - Block, Vignan University**

Organised by
Division of Chemistry
DEPARTMENT OF SCIENCES & HUMANITIES

About the University

VFSTR (Deemed to be University), the flagship institution of the group offers quality academic programmes for the overall development of the students. It has sprawling campus with state of art classrooms, laboratories and sport fields. The university upholds the parents aspirations and students dreams in catering the diversified needs of the them. The institution is NAAC accredited with 'A' grade and ISO 9001-2008 certified institution. The institution is located in Vadlamudi, a suburb of Guntur city. The Institution offers undergraduate, post-graduate and doctoral programmes in Science, Humanities, Engineering and Management. The entire campus is Wi-fi enabled and connected to external world through National Knowledge Network (NKN).

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Workshop Objective

- Knowledge about the course and presentation of accident
- Knowledge about the personnel safety and use of personnel protective equipments
- Plan and maintain house keeping
- Handle the hazardous chemicals
- Handle the glassware very carefully
- Prepare solution and operator weighing balance for sampling to prepare different types of solutions
- Prepare acid solutions, basic solutions and oxidizing – reducing agent indicators
- Prepare complexometry solutions, indicators
- Fire and safety in chemistry Lab was collection of halogenated and non-halogenated chemicals separately.

Resource Person :

Dr. K. Prabhakara Rao

Mobile : 9676157858

e_mail : kprao2005@gmail.com

Co-ordinator

Dr. Anandrup Goswmi

Mobile : 8336994231

e_mail : ananda1911@gmail.com

Dr. N. Srinivasu

Head, S&H

Mobile : 9866279979

e_mail : navulurisrinivasu@gmail.com



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(Estd u/s 3 of UGC Act of 1956)

Department of Science & Humanities
Division Chemistry

REPORT

Workshop on
"Safety Measures While Using Hazardus Chemicals"

03.06.2016 to 09.06.2016

A workshop on the safety measures while using hazardus chemicals was conducted at Engineering chemistry Lab, in the department of S&H, VFSTR University by Dr. Anandrup Goswamy. The resource person for the workshop was Prof. K. Prabhakara Rao, head Chemistry Division Department of S&H and the technicians of the department has participated in the workshop which was conducted during 03.06.2016 to 09.06.2016. The workshop started with a lecture on the safety measures. While using hazardus chemicals. The resource person explained the personnel safety and use of protective equipment during the exothermic reactions. He explained the preparation of acid solutions. Resource person explained the Fire and Safety measures in the Chemistry Lab.

- Day 1, 2 : Resource person explained safety measures in the Lab, How to maintain he stock registered in the lab.
- Day 3, 4, 5, 6 : Demonstration of Fire Extinguisher preparation of various solution followed by practice sessions.
- Day 7, 8, 9 : Interactive sessions with technicians for handling of toxic compounds, Fume hood and gas Cylinder in the lab.


Dr. Anandrup Goswami
Co-ordinator


Dr. K. Prabhakar
Resource Person


Dr. N. Srinivasu
HoD, S&H



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UNIVERSITY
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Department of Science & Humanities
Division Chemistry

Workshop on
"Safety Measures While Using Hazardous Chemicals"

S. No	Emp. Code	Name of Participant	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	
2	01410	Mr. Bangaru Balakrishna	Programmer	
3	00792	Mrs. K. Neelima	Lab Asst.	
4	01407	Ms. N. Jyothi	Lab Asst.	
5	01409	Mr. M. Prasad	Lab Asst.	

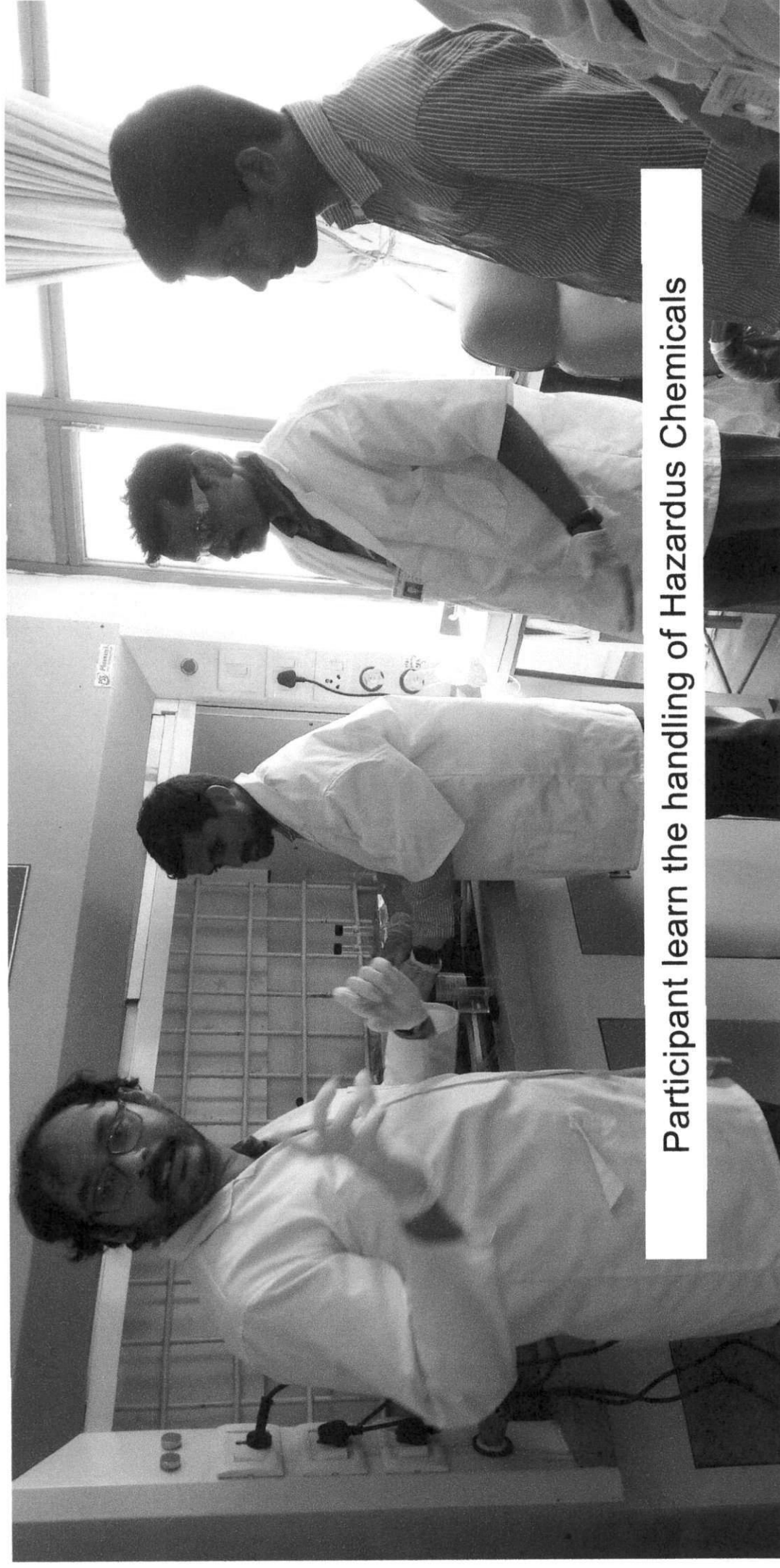
Dr. Anandrup Goswami
Co-ordinator

Dr. K. Prabhakar
Resource Person

Dr. N. Srinivasu
HoD, S&H



Resource person Explain the Hazardus Chemicals handling



Participant learn the handling of Hazardous Chemicals



VIGNAN'S
Foundation for Science, Technology & Research
UNIVERSITY
(std u/s 3 of UGC Act of 1956)

A Workshop on
**MAINTENANCE OF OPTICAL
INSTRUMENTS**
10 - 12, December, 2015



Venue :
**ATF-07, III Floor,
U- Block, Vignan University**

Organised by
Division of Physics

DEPARTMENT OF SCIENCES & HUMANITIES

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Department of Sciences & Humanities

The department is established during the academic year 1997-1998. It houses the divisions of Mathematics, Physics, Chemistry, Environmental studies and English. It caters the needs of engineering departments and offers due conceptual knowledge in the backdrop of technical upgradation. The department offers UG and doctoral programmes. The department has competent faculty with high degree of reputation in their respective fields. The department has few curricular and extra-curricular programmes to remain sensitized towards scientific, social, cultural, ethical and human issues/values involved in professional environment. The department promotes interdisciplinary research and it has a centre of excellence (CoExAMMPC) and three research centers under its umbrella.

About the Workshop

The maintains of optical instruments is must to derive the desired date with good accuracy. The following are the objectives of the workshop

1. Introduction to various optical instruments that are available in the laboratories
2. To throw light on the vivacity of utilization of the optical instruments
3. To understand different types of issues that we encounter while conducting the experiments.
4. To necessary understanding of spurious readings if the instrument is defective as compared to non-defective instrument.
5. To enable the proper calibrated acquaintance of the instruments.

Resource Person :

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Convener

Dr. M. Sreenivasulu

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Email: modem.sreenivasulu@gmail.com

Organizing committee members

Dr. B. Nageswara Rao

Mr. Ch. Tirupataiah



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[Bids under 3 of UGC Act of 1956]

Work Shop on
MAINTENANCE OF OPTICAL INSTRUMENTS
10th -12th December, 2015

Attendance Sheet.

S.No	Employee code	Name	Designation	Signature
1.	01409	Sy. Nazeer Khasim	Lab Assistant	
2.	01505	M. Prasad	Lab Assistant	
3.	00792	K. Neelima	Lab Assistant	

Resource person: Mr. J.N. Kiran

Convener: Dr. M. Sreenivasulu

Head, Division of Physics: Dr. M. Sreenivasulu



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Report

A workshop on MAINTENANCE OF OPTICAL INSTRUMENTS was organized by the Division of Physics, Department of S&H, VFSTR (deemed to be University). It was conducted during 10th -12th December, 2015 attended by non-teaching staff of Science Labs. The participants were made acquainted with the maintenance of optical instruments like Spectrometers, Travelling microscopes and other optical instruments present EP Lab by the Resource Person Dr. M. Sreenivasulu, Professor, Division of Physics, Department of S&H.

The main objectives of the workshop are

- Introduction to optical experiments
- Maintenance of Spectrometers in terms of adjustments of alignment.
- Fixing of cross wires
- Travelling microscope
- Cleaning of optical instruments like prisms, gratings etc.

Program schedule

Day-1: Maintenance of Spectrometers

Day-2: Travelling Microscopes

Day-3: optoelectronic devices

Conclusion:

Lab Assistants were provided with hands on experience on maintaining optical instruments like spectrometers, travelling microscopes and other optoelectronic devices in terms of alignment of parts, cleaning and connections which are present in the Engineering Physics laboratory. This kind of experience will help the non-teaching staff to support students of I B.Tech, in executing their experiments. Head of the department appreciated resource persons and convener, distributed the certificates to the participants in the presence of Lab -In-charge and other senior faculty members.


(Mr. J.N. Kiran)

Resource Person


(Dr. M. Sreenivasulu)

Convener


(Dr. M. Sreenivasulu)

Head, Division of Physics



Resource person
demonstrate LED
experiment



Resource person demonstrate LED measurements to participants

b

A Workshop on
**PREPARATION OF STANDARD SOLUTIONS AND
STANDARISATION FOR COLORIMETRY EXPERIMENT**
23 - 30, June, 2015



Venue :
Engineering Chemistry Lab, ATF - 01
III Floor, U - Block, Vignan University



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(Established under UGC Act of 1956)

Organised by
Division of Chemistry
DEPARTMENT OF SCIENCES & HUMANITIES

About the University

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Workshop Objective

- ◆ Development of hands-on expertise on basic techniques for smooth conduction of Engineering Chemistry Lab courses.
- ◆ The analytical techniques to be covered
 - Use of analytical balance
 - Preparation of standard solution using titration method.
 - Identification of wave length in the maximum absorbance for a homogeneous solution
 - Measurement of absorbance of different concentrations of solutions and preparation of calibration curve.

Resource Person :

Ms. M. Sireesha

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Co-ordinator

Mr. K. Mariadas

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Dr. N. Srinivasu

Head, S&H

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Organized by
**Department of
Science & Humanities**

A Workshop on
**Preparation of Standard Solutions and
Standardisation of Calorimeter Experiment**

23.06.2015 to 30.06.2015

S.No.	Emp. Code	Name of Participant	Designation	Signature
1	00117	Ms. K. Suneetha Kumari	Programmer	
2	01247	Ms. Swapna Teja	Programmer	
3	00792	Mrs. K. Neelima	Lab Asst.	

Mr. K. Mariya Das
Co-ordinator

Ms. M. Sireesha
Resource Person

Dr. N. Srinivasu
HoD, S&H

REPORT**Workshop on
Preparation of Standard Solutions and
Standardisation of Colorimeter Experiment**

23.06.2015 to 30.06.2015


A workshop on the "Preparation of Standard Solutions and Standardisation of Colorimeter" was conducted at Engineering Chemistry Lab in the department of S&H, VFSTR (Deemed to be University) by Mr. Maria Das. The resource person for the workshop was Ms. M. Sireesha, Asst. Prof, Division of Chemistry, Dept. of S&H, and the technicians of the department participated in the workshop which was conducted during 23.06.2015 to 30.06.2015. The workshop started with a lecture on about preparation of standard solution on 23.06.2015. The resource person explained about introduction about Fundamentals of Colorimeter, importance of equipment, parts of the colorimeter. The resource person gave some practical assignment to the participants. On 30.06.2015 resource person demonstrated the equipment and explained the precautions.

Programme Schedule :

- Day 1, 2 : Introduction regarding the preparation of standard solutions. Resource person explained the parts of colorimeter and how to take there readings.
- Day 3, 4 : Standardization of the colorimeter preparation of solutions and measurement of the optical densities of various solution and finding of the wave length with max optical density and Drawing of the plot between optical density vs wave length
- Day 5, 6, 7 : Demonstration of experiment with standard sample (KMnO_4 solution). Preparations and standardisations of other solutions.
- Day 8, 9 : Drawing of the plots between optical density VS concentration to find the concentration of unknown solutions.

Conclusion :

The lab technicians learned the preparation of standard solutions and standardisation of colorimeter and the concentrations of unknown ($10^{-5} - 10^{-6}$ M) solutions of KMnO_4 . This training helped them to support B.Tech students for their regular laboratory work. HoD appreciated the efforts of the coordinator Mr. K. Maria Das for organizing the event. The training program was Completed by providing the certificates, to the participants.


Mr. K. Maria Das
Co-ordinator
Ms. M. Sireesha
Resource Person
Dr. N. Srinivasu
HoD, S&H



2	Conductometry
3	pH metry
4	Weighing Balance
5	Water bath
6	Distilled Water F
Total A	

Resource person demonstrate Colorimeter



Participant practice the Colorimeter experiment