

SOUTH ZONE VICE CHANCELLORS' MEET-2016

(SZVCM-16)

27- 29 September

Under the aegis of



ASSOCIATION OF INDIAN UNIVERSITIES

Hosted by



VIGNAN'S

Foundation for Science, Technology & Research

UNIVERSITY

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



REPORT

THEME: “CONTRIBUTION OF UNIVERSITIES TO SKILLING, INNOVATION AND ENTREPRENEURSHIP”

Association of Indian Universities South Zone Vice Chancellors Meet –September 2016 was hosted by VFSTR University, Vadlamudi during 27-29 September, 2016. The following AIU officials, Vice Chancellors, Resource Persons and Guests participated during the three day meet:

1. Prof. D S Chauhan, President AIU
2. Prof. Furqan Qamar, Secretary General of AIU.
3. Prof. Pankaj Chanda, Former President AIU
4. Dr. Veena Bhalla, Joint Secretary, AIU
5. Dr. Sistla Rama Devi Pani, the Editor of University News. AIU
6. Shri Sampson David, Joint Secretary, AIU
7. Shri Pradeep Kumar, Under Secretary, AIU
8. Dr. C. Thangaraj, VFSTRU, Andhra Pradesh
9. Dr. D P Singh, Director NAAC
10. Dr. A. Sivathanu Pillai, Former MD & CEO, BrahMos Aerospace, Government of India
11. Dr. Lakshmi Narayana, Director, APSSDC, Government of Andhra Pradesh
12. Dr. Ghanta Subba Rao, CEO, APSSDC, Government of Andhra Pradesh
13. Dr. Lavu Rathaiah, Chairman, VFSTR University
14. Prof. R.Sayanna, Kakatiya University
15. Prof. S.V.Satyannarayana, Potti Sriramulu Telugu University
16. Dr.S.Ramachandran, Osmania University
17. Dr.A.Venugopal Reddy, JNTU-Hyderabad
18. Dr.A.M.Rajasab, Tumkur University
19. Prof. S.R.Niranjana, Gulbarga university
20. Prof. K.S.Rangappa, University of Mysore
21. Dr.T.P.Sethumadhavan, kerala Veterinary and Animal Sciences university
22. Dr.Abdul Khader M.K, Kannur University
23. Prof. A.Ramachandran, Kerala University of Fisheries and Ocean Studies
24. Dr.M.C.Dileep Kumar, Sree Sankaracharya University of Sanskrit
25. Dr.Mohammad Basheer K, University of Calicut
26. Prof. K.P.Suresh, Central University of Kerala
27. Prof. M.M.Sarcar, JNTU- Ananthapuram
28. Dr.V.Kesava Rao, DSNLU
29. Prof. Rajendra Prasad, Acharya Nagarjuna University
30. Prof. S. Ramakrishna Rao, Krishna University
31. Prof. Avula Dhamodharam, Sri Venkateswara University
32. Prof. V.Veeraiah, Vikram Simhapuri University
33. Prof. M.Mutyala Naidu, Adikavi Nannaya University
34. Dr.L.S.S.Reddy, KL Univeristy
35. Prof. Miriyala Chandraiah, Dr.B.R.Ambedkar University, Srikakulam
36. Dr.V.S.S.Kumar, JNTU-Kakinada
37. Prof. A.M.Moorthy, Tamilnadu Phy. Edn. & Sport University
38. Dr.S.Sravana Sankar, Kalasalingam University
39. Dr.K.Ramaswamy, Tamil Nadu Agricultural University

40. Prof. S.Subbaiah, Alagappa University
41. Prof.A.Ganapathi, Bharathiar University
42. Dr.R.Perumal Samy, Noorul Islam University
43. Dr.B.Sheela Rani, Satyabhama University
44. Dr.V.M.Muthu Kumar, Bharathidasan University
45. Dr.Anand A Samuel, VIT University
46. Prof. N.Ramachandran, Periyar Maniammai University
47. Prof. V.R.Rajendran, Vinayaka Mission University
48. Dr.V.Thamizh Arasan, Vels University

Day-1 of SZVCM-2016

Inaugural Session (27 September 2016 – 10.00-12.30 AM)

The South Zone Vice Chancellors Meet was held at Vignan's University, Vadlamudi from 27th to 29th September 2016 in which Vice-Chancellors from five states of India, Andhra Pradesh, Karnataka, Kerala, Tamil Nadu and Telangana participated. The Meet was inaugurated by Honourable Union minister for Urban Development, Sri. Venkaiah Naidu. Greeting the VC gathering, the Vice Chancellor of the host institution, VFSTR University



Professor, C. Thangaraj extended a warm welcome to the Chief Guest, Sri. Venkaiah Naidu , Guest of Honour, the State Minister for Health, Dr. Kamineni Srinivasa Rao, the President of AIU, Professor D.S Chauhan, General Secretary of AIU, Professor Furqan Qamar, and the



Chairman of the Vignan Group of Educational Institutions, Dr. Lavu Rathaiah and the Chancellor of VFSTR University who graced the stage for the occasion. After the ceremonial prayer, welcome dance and lighting of the lamp, the Chief Guest was invited to share his views with the gathering. Speaking on the occasion, Sri Venkaiah Naidu spoke of building a resurgent India by harnessing our demographic dividend. Unless the youth are properly

educated and up-skilled, we cannot make India a powerhouse of global economy, he added. He felt that so many Vice-Chancellors, from the five states of India, meeting in a small village to deliberate on a key theme of contemporary relevance, "Contributions of Universities to Skilling, Innovation and Entrepreneurship" is a sure sign that India is truly progressing. Speaking on the real goals of education, Sri Venkaiah Naidu said that education should help individuals lead a productive life, participate in the country's development by responding to the rapidly changing needs of the ever globalizing, knowledge based societies. Besides technical or profession related skills, he spoke extensively on the need for human skills to be inculcated in young students to shape them into responsible citizens. He

commended the good work being done by the host institution, VFSTRU, in the field of higher education and praised the vision of the Chairman Dr. Lavu Rathaiah in setting up an institution of higher learning in such a pristine rural location.

Release of Conference Souvenir

A special issue of the *University News* covering the papers that were to be presented during the next two days of the conference was released by the dignitaries on the dais. Speaking on the occasion, the Chancellor of VFSTR University Dr. K. Rammurthy Naidu greeted and welcomed the entire AIU team for coming down to conduct the VC Conference. He hoped that the three day



deliberations will be fruitful and constructive suggestions would be presented to the MHRD in the form of new proposals for improving quality and accountability in the Skill Development initiatives currently being undertaken by the state and central governments. Professor D.S. Chavan, President, AIU spoke on the genesis of AIU and highlighted some of its achievements in dealing with issues of the member universities. He shed light on the relevance



of the theme of the Conference and hoped that the next two days will bring out interesting deliberations on the “Contributions of Universities to Skilling, Innovation and Entrepreneurship.” Professor Furqan Qamar, Secretary General, AIU spoke briefly on the constructive role that AIU was playing in promoting academic excellence and research standards in the member institutions. He thanked VFSTR University for coming forward to host the meet. The Chief Guest, the Guest of Honour and the AIU officials were felicitated by the key functionaries of VFSTR University. The inaugural programme programme was concluded with a Vote of Thanks by the Nodal Officer of the Meet, Dr. V. Madhusudhan Rao. He expressed gratitude to all the office bearers of AIU for choosing VFSTR University to host the South Zone Vice Chancellors Meet -2016.



Technical Sessions

The organizing committee received 22 papers for consideration of publication and presentation during the Meet. Out of the selected papers, a total of 18 papers were presented in 4 technical sessions and a round table was conducted in the business session to discuss the challenges faced by universities with respect to providing education and training on skills during the three days.

Technical Session –I (27 September 2016: 2.00-5.00PM)

Chairperson: Dr. K. Ramaswamy, Vice Chancellor, TNAU, Tamil Nadu

Co-Chair: Dr. V. Veeraiah, Vice Chancellor, Vikram Simhapuri University, Andhra Pradesh

Number of papers presented – 5

Paper -1:

Dr A.Ramachandran, Vice-Chancellor, Kerala University of Fisheries & Ocean Studies, Kerala made a presentation on “Skill Development for Entrepreneurs in the Fisheries Sector : Contributions of Universities” in which he spoke on how entrepreneurial activities were not limited to industrial sector alone, but extended into other sectors such as agriculture and its allied sectors. He felt that given the scale of unemployment in the country, it was impossible for the government to provide means of livelihood to all even if they get educated. The government needs to boost other sectors as well and motivate people of other traditional occupations, like people engaged in the fisheries sector also to take up entrepreneurial activities.



The Fisheries sector has been providing nutritional security to the food basket of India along with agricultural sector. An estimated 14 million people in India are currently engaged in the various activities related to the sector and contributing to about 6.3% of global fish production.

Recommendations:

1. Plenty of scope to elevate our knowledge in the area of fisheries and its related activities.
2. Need to develop centers to train the untrained wherever opportunities for fisheries and aquaculture are available.
3. Better to reserve 20% of the seats in such institutions to children of fishermen community.
4. Need to establish quality control facilities for testing and laboratories for students' benefit.

Paper -2:

Dr. M.C.Dileep Kumar, Vice-Chancellor, Sree Sankaracharya University of Sanskrit, Kerala, made a presentation on “The Need to Promote the Ancient Science of Ayurveda” in which he spoke on the growing importance of Ayurveda globally as an alternate medicine in recent times and how we could explore building enterprise around this ancient medical science.



Recommendations:

1. Need to strengthen Ayurvedic science in Universities.
2. Let everyone in the society be given access to it.
3. Suggested to document all universities studies and information on Ayurveda.
4. Bring out some copy books and statistics to expose their relatedness.

Paper -3:

Dr. A. Damodaram, Vice-Chancellor, Sri Venkateswara University, Tirupati spoke on the need to institute healthy practices by the government as well as the individual universities for improving quality of education and research in higher education. He spoke on some of the innovative measures that SV University was implementing in strengthening academics and pursuing research excellence.

**Recommendations:**

1. Need to realize that investment is the key to make a change.
2. Better to have knowledge sharing among universities to leverage on core strengths of individual universities and collectively work towards improving the education system.
3. Government should work towards removing the complex from the country that education imparted in India is not upto the global standards.
4. Better to provide sabbatical leave to faculty and researchers so that they can go out and come back with new practices
5. The government to recommend industries to sponsor teachers for research and training.

Paper-4:

Dr. S.Rama Krishna Rao, Vice-Chancellor, Krishna University, Machilipatnam presented his paper, titled “Skilling, Innovation and Entrepreneurship: Krishna University’s Leap Forward.” He spoke on the seven different missions that the Government of Andhra Pradesh had launched to attain double digit growth rate in the state and make A.P into a progressive state. He spoke on the institution of Andhra Pradesh State Skill Development Corporation(APSSDC) under the public-private partnership model to liaise between the universities and industries and help them understand each others’ requirements so that training can be imparted to bring out skilled human resources who

will power various sectors of development in the state. APSSDC has the mission to skill 20 million people in the next 15 years through a structured and pragmatic programme and increase the employability and promote entrepreneurship among the youth of the state. Dr. Rama Krishna Rao spoke of some of the innovative ways in which his university had suggested.

Recommendations:

1. Water related courses should be introduced and more students should be trained on technologies related to Water Resource Management in the Universities.
2. Small experiments and projects related to water quality can be undertaken to provide hands on experience to teachers as well as students.
3. Rather than confining to imparting IT and English language skills, up-skilling should happen in other aspects also so that entrepreneurship can spread to other fields, besides IT.

4. More focus should be laid on Creativity, Innovation and Entrepreneurship.
5. Teachers be trained on required skills so that they can give their best to students.

Paper-5:

Dr. A. M. Moorthy, Vice-Chancellor, Tamil Nadu Physical Education & Sports University, Chennai presented his paper, “Contributions of Universities to Skilling, Innovation and Entrepreneurship in Sports,” in which he spoke of how sports is the science of human evolution and creativity. He expressed regret that India was fast becoming recognized as a capital for health problems. Apart from productivity losses at work places, due to poor health of the nation, precious human lives are lost to various diseases related to sedentary lifestyles in India. Slowly awareness levels of the people regarding health and so indirectly sports, is improving. He spoke appreciatively of the improved sports prospects in India when compared to earlier days. In the recent Rio Olympics, more than 77 sports persons out of the proposed 110, got selected, through the ‘Target Olympic Podium’ was very heartening”



Recommendations:

1. Better to increase the participation of universities to increase India’s performance in international sports events and improve number of medals in future Olympics and ASEAN Game events
2. Sports to be made compulsory for UG students
3. Need to introduce more certification courses in sports at university level

Day-2 of SZVCM-2016

Business Session (28 September 2016: 9.00-11.15 AM)

Chairperson: Prof. D.S. Chauhan President of AIU

Co-Chairpersons: Prof. Furqan Qamar Sec.General, AIU
Prof. Pankaj Chanda, Former President, AIU.

Opening Remarks:

At the outset of the Business Session, Prof. Furqan Qamar introduced the former president of AIU, Prof. Pankaj Chanda to the participating delegates. He then thanked Prof. Thangaraj, Vice-Chancellor of VFSTR University for graciously accepting to host the SZVCM-2016, and presented him a with plaque on behalf of AIU. Professor Chauhan, President AIU briefed everyone on the activities of AIU. He informed that at present there were 891 universities functioning in India, of which 635 were registered as members with AIU. He expressed hope that the remaining Universities would also soon take up membership. Out of 50 universities in the South Zone, he informed that 40 were already AIU members and all the 5 Central



Universities in South India were members, and out of 12 Private Universities, 8 had become members so far. He added that the annual Vice Chancellor Meets were aimed at exploring new ideas, understanding issues hampering the delivery of services in Higher Education, and taking suggestions from different stakeholders for making necessary recommendations to higher policy making bodies, particularly the MHRD to innovate and frame better strategies for effective interventions.

Deliberations:

- Prof. Qamar felt that whilst discussing measures for improvement of standards in Education, the aspect of School Education should not be ignored because it has backward and forward linkages to Higher Education.
- Prof. A. Ramachandran, VC, KUFOS, Kerala opined that India has a vibrant and competitive education sector at present, with a healthy competition among Public and Private education providers vying each other for providing educational services. He invited suggestions from participating delegates on how to take care of quality without sacrificing quantity.
- Prof. Samuel, VC of VIT, Vellore suggested that the training of teachers is one important aspect for quality improvement in Higher Education. He expressed his willingness on behalf of VIT to collaborate with AIU on Teacher Training, suggesting that AIU could conduct more Teacher Training Workshops for Quality Up gradation in the teaching- learning process.
- Prof. Abdul Khadar, VC, Kannur University, said that there was no point in sprinkling



fertilizer top –down, better to apply it at the grass roots level. He expressed regret on the peculiar situation in Kerala where Govt. had decided not to encourage private participation in Higher Education. He remarked that Higher Education in Kerala was highly regulated and that in such a constrained environment Vice Chancellors were prevented from making independent decisions.

- Prof. M.C. Dileep, VC Sankaracharya Sanskrit University, Kerala lamented that eminent researchers outside Kerala or India were not being facilitated for guide-ship in Kerala Universities because of the prevailing restrictions and requested AIU to look into the issue.
- To this Prof. Chauhan, President AIU pointed out that there were many unethical practices being reported regarding the research work being carried out in Universities. Several cases of plagiarism have been reported in the recent past. Hence, a number of restrictions have come about.
- Prof. C. Thangaraj, VC of VFSTR University suggested that cross fertilization of ideas across diverse disciplines should be encouraged for innovation. For instance, the ancient knowledge from Sanskrit should be interpreted and brought to modern awareness.
- Dr. Lavu Rathaiah, Chairman of VFSTR University pointed out that 90% of faculty in Higher Institutions of Learning are ill equipped to do skill imparting though they are strong in conceptual aspects. The need of the hour is to focus more on the skill part of

education. It was agreed by all that the Govt. should effect more policy measures for skill training and not limit to slogans.

- Prof. Ramachandran, VC, KUFOS, Kerala said that universities should strive for equity in higher education to make education accessible to all sections of society. He also pointed out the problem faced by students for submission of migration certificate when going for Higher Education. He felt the process of issuing migration certificates should be made more flexible.
- One of the delegates suggested that a data bank of syllabi be created by AIU for sharing of expertise among Indian Universities. For example if Cochin university was strong in Optical Electronics, it could create a Centre of Excellence (CoE) in that area and share it facility and expertise with other universities in the country. Likewise a CoE can be instituted in each of the 831 universities of the country depending on their areas of specialization. That way we could build a vibrant research environment in the country.
- It was pointed out that as per UGC norms, about 20% of the faculty strength of the universities can be recruited as adjunct faculty. It was suggested that AIU could intervene with the Govt. to effect policy for allowing adjunct faculty to guide research scholars. It was already in vogue in Central Universities and some Private universities, where adjunct faculty were already allowed to guide Ph.D scholars.
- Another delegate from Kerala suggested that travel grants and medical reimbursements should be increased. He pointed out that there should be a separation in the designation of Research and Extension professors. He also felt that in the name of skill development there should not be a lowering of the standards of education. The purpose of a university is to generate new knowledge and impart values. He opined that more training is to be given for the newly recruited teachers, at least 6-12 months through special training schools.
- There was also a discussion on the confusion arising out of the 4th Amendment of UGC, which had reduced the API score requirement to 300 for the recruitment of Asst. Professor in a Govt. University.
- Dr. Sethu Madhavan, Vice Chancellor i/c, Kerala Veterinary and Animal Science University spoke on the great work carried out by the four NITTRs of the country in training teachers on pedagogy in the past. He also pointed out the huge skill gap between existing level of skills possessed by our graduates and that desired by the industry. He stressed that the need is now to build an ecosystem that will foster entrepreneurship & innovation for more start-ups in the country.
- Prof. Chanda, Former AIU President opined that the quality



of teacher training in the country is pathetic. He quoted the Indian poet, Kalidasa, who had said that a teacher needs to be strong in both knowledge and communication skills to be effective. So care should be taken to verify teacher competencies on both aspects during recruitment.

- Prof. Qamar expressed his view that Higher Education should be protected from the political upheavals in the country. He informed that AIU has been organizing workshops for teachers on research methodology and use of ICT in teaching. It has not organized teacher training workshops on pedagogy because Academic Staff Colleges now renamed as Human Resource Development Centres are already addressing that.
- Prof Qamar said that research should be made more multidisciplinary and borders between different disciplines should be made porous. Databank of syllabi can be certainly considered. Digital lockers and depositories are already being taken up. He admitted that funding related and procedure related issues still there regarding recruitment of teachers.
- Discussion also took place on the difference in nomenclatures of UG courses that are posing a problem for students during student admission to higher education. To which Prof. Qamar pointed out that AIU is not involved in disciplinary practices.
- Prof. Chauhan dwelt on the different contexts and situations of education in India with respect to other countries. He agreed that resource crunch is an issue with respect to Indian institutions. Very little funding for research with state universities.
- Prof Qamar said that the Indian universities are falling short when it comes to world ranking. He suggested all the gaps identified should be addressed for excellence through sharing of core competencies.
- The Chairman Dr. L. Rathaiah thanked all the members for their suggestions, and stressed on the need of skill part in both teaching and learning process. He opined that at least 2-3 institutions in every state should be designated for the training of teachers as a social obligation to improve the quality of teaching.



Concluding Remarks:

At the end of the session, Prof Chanda thanked the Chair and Co-Chair for inviting him and made the observation that in many cases, the research funds being given to universities are being wasted. He suggested that institutions should be granted govt. funds only after 5 years of their inception. Prof. Chanda also said that the competencies of present day teachers should be improved to ensure that they are strong both in the knowledge component as well as on the communication aspect. Opportunities for collaboration among institutions should be

explored for more productive outcomes and more importance is to be given to cross stream exchange.

Technical Session –II Invited Lecture Series (28th September 2016: 11.30- 1.00 PM)

Chairperson: Dr. D.S. Chauhan, President, AIU

Co-Chair: Dr. Furqan Qamar, Gen-Secretary, AIU .

Number of Invited Talks presented: **4**

Invited Talk-1:

Dr. D P Singh, Director, NAAC, Bengaluru spoke on how India had accelerated to one of the fast growing returns of the world. Traditionally our country has been a land of innovation in health sciences and *samskruthi* and *ayurveda*. He explained that India needs to capitalize on her knowledge learning for better life and opportunities for employment. As over 50% of our population is under the age of 35 years, we can transform them into productive human assets provided we move forward with a vision and a clear road map. He spoke on how education should have humanizing impact on the learners while preparing him/her for a livelihood.



Recommendations:

- Educational institutions need to serve new ventures of development in the country and the world.
- Need to Indianise the global education system through thoughts and strategy
- We can foresee what is going to happen in the next 25-30 years.
- Values are essential for social development.
- Need more committed social entrepreneurs and also value and skill based entrepreneurs.
- Universities should deal with social issues
- Build eco friendly products and cost effective services to improve the quality of life of those at the bottom end of the pyramids
- New education policy should be holistic and promote inclusiveness and universal brotherhood and make education more learner- centric
- Should develop centres of modern technology.
- Global orientation of Indian Universities is very important.
- University campus should strive to become more multicultural

Invited Talk-2:

Dr. Ghanta Subba Rao, CEO, APSSDC spoke on the vision with which APSSDC was instituted in the newly formed state of Andhra Pradesh and elaborated on its activities. He spoke on the vision behind the institution of Andhra Pradesh State Skill Development Corporation (APSSDC) and informed that APSSDC had the initial plan to offer skill development activities to reach out to 15 million students in the next five years and later it was scaled down to address the training needs of 6 million students. He spoke on the current interesting phase of India's development due to the emerging changes owing to automation,

exploration of new generation materials, IOT etc. But, he said we are also confronted with a scary situation of missing out on all the good opportunities, because most of our universities are not in tune with industry needs. Training in this context becomes a challenge. As leaders in education, he advised the participating Vice-Chancellors to join hands and see that Indian students are not left behind in the job market. He spoke on the initiatives taken by the AP government and APSSDC. That 46 skill development centres are being established across A.P to provide learning infrastructure for next generation innovators



Recommendations:

- Need for encouraging more entrepreneurship and innovation in educational institutions right from early age
- To overcome resource crunch and set up appropriate facilities and expensive machinery, Universities to follow a clustering model for sharing of expertise.
- Skill engagement to happen from school itself.
- Drafting and documenting on issues from primary level of school itself
- Need for promoting application and analytical skills to make students complete learners

Invited Talk-3:

Dr. K Lakshmi Narayana, Retd. IAS & Director, APSSDC raised some pertinent questions whilst reflecting on the quality of education being imparted at tertiary level in the country. What are universities doing with respect to skilling? To what extent are they contributing? If they are not fulfilling their role, then what is to be done? Dr. Lakshmi Narayana cited NASSCOM statistics, mentioning that according to latest figures the situation is very discouraging, as only 20 % of students are employment worthy. He regretted that there is no alignment of school education and college education. Despite all the talk of the PM and CM speaking about Skill India and digital India, why the problem? What is happening in the classroom?



Recommendations:

- Need to make our classrooms more dynamic and democratic
- For altering the educational landscape, the teacher to play a critical role.
- Teachers to be strong in concept, and take it to the level of the learners with more examples.

- Vice-Chancellors as true leaders of education not to shy away from making bold decisions.
- VCs should strive to build a stimulating learning environment at Universities by investing more time and patience
- Can study models like Finland school education system which demonstrates how to bring society into the classroom, be made practice?
- University to become places for teaching students how to live and think.
- Vice Chancellors to ensure that they exercise their academic freedom and perform
- Teachers are the greatest assets of the country so the need to concentrate more on their development
- Need to match problems and idea for Innovation to happen
- Universities to provide opportunities to students to explore, fail and come up by themselves

Invited Talk-4:

Dr. A. Sivathanu Pillai, Former MD and CEO, BrahMos Aerospace made an inspiring presentation on India's prosperity dynamics by tracing her 5,000 years of history before it attained independence. He spoke on the great achievements made by Indian minds and the contribution made by India in the various fields of Astronomy, Medicine, Mathematics and Philosophy. He spoke on the recent revival of India's glory, how Indians are once again set to dominate the world in the next decade. He



quoted the assertive statement made by the Harvard University that Indian minds are the best minds globally. Then Dr. Pillai with the help of a Power Point charted out India's journey towards self sufficiency under the visionary leadership of stalwarts like Dr. Vikram Sarabhai and Dr. A.P.J. Abdul Kalam in Space, Nuclear and Missile Technology. He lauded the efforts of all those Indian minds who had contributed to the indigenous development of missiles of great precision and manoeuvrability like BrahMos.

Recommendations:

- Present students uninterested in taking up jobs so they are to be trained on entrepreneurial skills for generating jobs
- Collaborations between Universities and Research Organisations like DRDO for establishing Centres of Excellence
- More Skill Development Centres to come up in India
- India with 6600 million youth to provide valuable services through innovations and research to the rest of the world
- Vice Chancellor to leaders to drive change in the country
- Universities to core competencies and seek collaborations with other institutions and strive for harnessing the collective competencies through the synergy attained towards excellence in all spheres
- Need to establish more Innovation and Incubation Centres

Technical Session –III (28th September 2016: 2.00 - 5.00 PM)

Chairperson: Prof. S. Rama Krishna Rao, Krishna University, Vice-Chancellor, A.P

Co-Chair: Dr. Sheela Rani, Vice-Chancellor, Satyabhama University, Tamil Nadu.

Number of papers presented: 6

Paper-1:

Dr. S.V. Satyanarayana, Vice-Chancellor of Potti Sri Ramulu Telugu University, Hyderabad spoke on the “Contribution of Potti Sreeramulu Telugu University” to the cause of promoting Telugu language, culture in both India and abroad. He spoke of how the four constituent centres of the University, in the states of Telangana and Andhra Pradesh were working tirelessly for imparting education in traditional dance, literature, history, language and fine arts of the Telugu people. He spoke on the good work being carried out by his university in serving the cause of Telugu language and culture through signing of MoUs with foreign universities, introduction of distance courses and unique programmes, besides instituting special awards like *Vishista Puraskaram* and *Prathiba Puraskaram* for granting recognition to scholarly excellence in the field.

Recommendations:

- Need for more museums depicting Telugu through ages
- Digitalizing through Video tapes in 2016-17
- Taking up projects of Telangana liberation literature in translation
- Strengthening of Telangana Women Studies
- Release of Telangana Dictionary
- Encyclopaedia in General and District wise in particular
- Bring forth documentaries on famous Telangana men and women.
- To initiate and launch programmes on people *kala* like *Burra Katha*
- Propagating, preserving and documentation of Telugu literature in the future



Paper-2:

Dr. V.M. Muthukumar, Vice-Chancellor, Bharathidasan University, Tamil Nadu presented his paper titled, “Contributions to Skill Development and Entrepreneurship through IECD, Bharathidasan University: An Innovative and Successful Model”. He stated that though India



has the largest technical manpower in the world, it is not significant considering that our population is so huge. Skill and knowledge being the driving forces for economic growth and social development of any country, India is gradually evolving as knowledge based economy due to abundance of capable, flexible and qualified human capital. Hence, there is a need for us to further develop and empower our human resources to ensure India's global competitiveness. He spoke on how Bharathidasan University had come up with a unique institutional structure, “Institute

for Entrepreneurship and Career Development” (IECD) which is a flexible skill based training centre to enrich the current as well as dropout students with vocational skills leading to self employment, and emerge as successful entrepreneurs in their respective fields. He then listed out the various programmes, short term, certificate and diploma programmes with different kinds of support, offered to the various stakeholders under the IECD of Bharathidasan University. The courses were so successful that IECD could generate over Rs. 17 Crores through course fee and immovable assets worth Rs. 250 Crores .

Recommendations:

- Adoption of IECD model of Bharathidasan University by other Universities in the country
- Need for exploring different entrepreneurship development models for training
- Instituting District Career Guidance & Counseling Cell.
- Community College Scheme for rural women
- Specialised programs for differently abled persons
- More programmes for rural artisans
- Need for promotion of UGCs *Earn While You Learn* Scheme

Paper-3:

Dr. N. Ramachandran, Vice-Chancellor, Periyar Maniammani University presented his paper titled, “ Horizon & Paradigm for Rural Transformation – A Step towards Developed India”. He spoke on the contribution of Periyar Maniammani University in rural upliftment and social transformation in Tamil Nadu, through the social model of the Periyar Pura village. Through liaising with the government agencies, the University aimed at raising awareness for effective implementation of various government policies and programmes for growth of rural GDP through implementation of various initiatives for women and child development. Projects for physical connectivity resulted in creating awareness to school children and establishment of Dravidhar school at Sengipatti, Middle School at Vakambakudi, training on the laying of Plastic Tar roads for Rural Transport was initiated at Avarampatti, demonstration of the construction of the modular cost effective toilet within 4 hours was done with the School toilet at Vakambakudi and Portable Water Plant and Rural Mart at Sengipatti. The University adopted an inclusive model of development by concentrating on even the marginalized sections of the society through initiatives like empowerment programmes for trans – genders to equip them with entrepreneurial skills. Villagers are also given awareness and special training on solid waste management through techniques like Biomethanisation.



Recommendations:

- Adoption of a holistic model of development for villages
- Focus on improving Physical connectivity, Electronic connectivity , Economic connectivity , and Knowledge connectivity of villages
- Need for establishment of linkages with the Industries, Corporate, along with State and Central Government agencies.

- Electronic Connectivity of villages through imparting Computer literacy , training on use of FM Radio and Tablets to Gram Panchayat members
- Need for rural awareness programmes on environment management strategies
- Economic activities for rural employment through Paper recycling, Vermi composte enterprises etc.
- Need for conduct of workshops on Agro Technologies

Paper-4:



Dr. V. Kesava Rao, Vice-Chancellor, Damodara Sanjivayya National Law University, Andhra Pradesh presented a paper on development of Skill, Innovation & Entrepreneurship in lawyers. Dr. Rao informed that thanks to globalization, opportunities in Legal Process Outsourcing (LPO) have become a reality. In order to grab the emerging opportunities, every lawyer is expected to possess three kinds of capabilities: Professional skills, Presentation skills (oral, written and non-verbal) and People skills (patience, persuasion and partnering). He spoke on the five skills all budding lawyers need to pick up to be effective in their work of arbitration, negotiation or mediation. They

involve a) the assimilation of facts b) understanding of the intricacies of the case involved c) application of law d) documenting through annotations for the case citing references of law code e) articulation of points. He spoke of projects like *Abhimanyu*, where lawyers can get trained without the assistance of teachers.

Recommendations:

- Legal entrepreneurship to be promoted to seize the opportunities in LPO in coming years
- Law incubation centers to be set up.
- Listening quality of lawyers to be emphasized
- Research is very important for a lawyer.
- Study of previous case studies will equip lawyers with essential skills for effective practise of the profession

Paper-5:

Dr. Anand Samuel, Vice-Chancellor, VIT University, Vellore, Tamil Nadu presented a paper titled “Challenges in Promoting Innovation and Entrepreneurship: Doing things differently”, in which he spoke on the innovations being practised by VIT for improved learning outcomes of the students. He mentioned some of the best practices introduced like a fully flexible curriculum, curriculum for applied learning(CAL), online learning management systems like Moodle, Project Based Learning (PBL) method, designing



challenging experiments in labs, Hackathons & Mackathons, inclusion of Soft Skills in the curriculum etc as some of the salient features of education at VIT.

Recommendations:

- Need for more application based learning like PBL
- Need for outside the box thinking for appealing to Generation Y
- Even social media like Face Book can be used as a medium for teaching-learning
- More flexibility to be inbuilt into the curriculum to engage the Generation Y
- Application, Analyzing skills to be given more importance than knowledge part to make students relevant to the industry

Paper-6:

Dr. Rajendra Prasad, Vice-Chancellor, Acharya Nagarjuna University, Guntur, Andhra Pradesh presented his paper on “Innovative Ways to Promote Sports in Indian Universities”. He spoke on the performance of India in the recent Rio Olympics and said that India had stood at 67th position with respect to number of medals won in the Olympics. He spoke of the lack of the required ecosystem for promotion of sports in Indian education institutions. He made a submission that even UGC provided support only for sports infrastructure but did not provided financial support for the players. Promising athletes at the university level are not sponsored for participation in the World University Championships. He spoke on some of the good practices that Acharya Nagarjuna University had adopted for promoting excellence in sports.



Recommendations:

- Need for development of sports culture in Indian Universities
- Organisations to stop working in isolation and start working with Sports Federations to promote excellence
- District Social Welfare Schools be upgraded to Sports Academies
- Need for instituting awards and cash incentives for sportsmen excelling at University and State level events.
- Scholarships and free education for sports champions and university medallists
- Conduct of long term coaching camps
- Increase make & exemption of attendance during sports participation
- Need for more investment on sports infrastructure
- AIU could plan for long term sports programmes
- AIU to identify some units as Centres of Excellence

Day-3

Technical Session IV (29 September 2016 - 9:00 -11:45 AM)

Chairperson: Dr. Muhammad Basheer, Vice Chancellor, University of Calicut, Kerala

Co-Chair: Dr. Anand Samuel, Vice Chancellor, VIT University, Vellore, Tamil Nadu

Number of papers presented: 3

Paper-1:

Dr. T.P. Sethumadhavan, Director of Entrepreneurship, Kerala Veterinary and Animal Sciences University, Kerala presented his paper on “Startups in Livestock and Agri Allied Sectors: Scope and Opportunities”. He spoke of the importance of Livestock sector for rural livelihood as a major source of income generation, mentioning that major livestock products like milk, milk products, meat and eggs contribute to one-sixth of the calories and one-third of the proteins in the per capita food supplies of the world. Animal husbandry is the second largest economic activity in rural India and mentioned that the increase in cost of production has been steadily reducing the profit margin of those engaged in the activity. According to National Sample Survey, 70-75% of the food budget in India is expended on milk and milk products. The need of the hour is to increase production and improve the marketing channels. Also, livestock sector can be a buffer, providing income and insurance for farmers during intervals of agriculture failure. If the country has to sustain economically, livestock sector needs to be strengthened.



Recommendations:

- Universities should focus on entrepreneurship in farming and Livestock breeding to improve employability rate.
- Emphasis to be laid on developing Skill, Knowledge and Attitude as the three are interlinked
- Capacity building to be done through skill development programmes for creating talent pool and fuelling innovation for meeting market needs
- Innovations through start-ups should focus on providing low cost solutions to public problems
- More incubation centres in educational institutions to convert innovations into viable products
- Promote use of ICT and social media for knowledge transfer and exchange practices on successful practices
- Documentation of successful models in livestock sector
- Women Empowerment through Self-Help Groups in livestock sector

Paper-2:

Dr. Tamizh Arasan, Vice Chancellor, VELS University, Tamil Nadu presented his paper titled “Producing Employable Graduates: The Challenge Before Higher Educational Institutions” in which he spoke of how the phenomenon of globalization had resulted in privatization of almost all sectors of the economy. Unlike in earlier times, when the function of Universities was to equip students on the knowledge part and enable them to choose a suitable career for their livelihood, globalization has resulted in an intense demand for readily employable and billable human resources. As private organizations are driven by the profit motto and show little willingness to invest in training of educated graduates and make them suitable for work in their organizations, the onus of training students on skills and making them employable now rested on the educational institutions. This is the major challenge confronting higher institutions of learning today. He then spoke on the approach adopted by VELS University to facilitate skill development of its students.



Recommendations:

- Refining of curriculum on periodic basis to improve the quality of education
- Summer term internships with industries to provide domain specific skills
- Collaboration with organisations like CII, IT Corporations, Training institutions and Overseas agencies will help to bridge identified skill gap
- Industries to help Universities in imparting domain specific skills to students

Paper-3:

Dr. C. Thangaraj, Vice Chancellor, VFSTR University, Andhra Pradesh presented his paper titled “Education, Skills and Development of India” in which he discussed how the world is becoming increasingly interconnected with different local economies becoming globally interdependent. Knowledge and advanced skills are becoming critical determinants of a country’s economic growth and standard of living. However, it is becoming impossible to predict exactly what technologies will replace the existing ones or what business models the global economy will adopt in the near future. Past policies on education are proving inadequate in realization of the desired learning outcomes. Dr. Thangaraj spoke on the proactive step of framing a futuristic curriculum by VFSTR University in pursuit of its mission to make its students work ready in the new age. He also spoke on the role of cognitive skills in educational development, aspect of women participation in the labour force and stressed on the importance of evolving



appropriate teaching pedagogies for imparting twenty first century skills like Green skills for student success.

Recommendations:

- Emphasis should be on converting Knowledge to Skill
- Need to master academic content in core subjects as well as acquire global awareness, financial, economic, business and entrepreneurial literacy
- Need to pick up civic, health as well as environmental literacy
- Industries and Universities should work together to promote skill based education
- Need to impart Green Skills to youth for grabbing the opportunities that will arise as India plans its transition to a low carbon economy
- Class rooms are to be made more effective in terms of teaching-learning practices to fill the technological skill gap
- Need for a complete overhaul of the country's vocational and technical education system to meet the growing demand for higher skills in a booming economy.

Valedictory Session (29 September 2016 - 12.00-1.00 PM)

The Valedictory Session was chaired by Professor D.S. Chauhan, President AIU and was graced by the Chancellor of VFSTRU, Dr. K. Rammurthy Naidu and Chairman of Vignan Group of Educational Institutions, Dr. L. Rathaiah, along with the other key functionaries of VFSTRU and the members of AIU Team. The Nodal Officer of the VC Meet, Dr. V. Madhusudhan Rao, Dean ,E & M of VFSTRU presented a report of the proceedings of the three day VC Meet and summarized the recommendations. Knowledge cannot be transformed automatically into skill. Innovative methods need to be adopted by universities to improve the skill component of the students. Curriculum should include personality



development and skill development training to help students improve their general skills and domain specific skills. It was followed by the concluding presidential remarks by Professor Chauhan who once again reminded the participating members of the VC Meet that they are vested with lot of autonomy as academic leaders and they should exercise their authority with boldness and transparency in to making critical decisions as it will determine the fate of thousands of students in the country, which will indirectly shape the country's destiny in the future. In conclusion, Shri Sampson David, Joint Secretary, AIU expressed his heartfelt



thanks on behalf of the AIU, to the Management of the host institution, VFSTRU for hosting such a wonderful three-day event and expressed his gratitude to all the participant Vice-Chancellors for making time to come and participate in the deliberations with their thought provoking ideas.

The three day event included a cultural night organized by the young talents of Vignan's University on 28th September 2016. The artist performed varietal entertainment from all parts of the country which illustrated the classical culture to western dance forms. The visiting dignitaries were traditionally felicitated during the event by the University functionaries.



