

## PROCEEDINGS OF THE REGISTRAR

F.No.:VFSTR/RO/A4/30/2019-20/01

Dt: 17.05.2019

Sub: VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

Read: Committee report for the proposals of Seed Money of faculty members concerned dated 03.05.2019 as approved by the Vice-Chancellor.

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### ORDER

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 59,25,000/- (Rupees Fifty Nine lakhs and Twenty Five Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1.	Dr.D.S. Ayyanna, Asst. Prof., Dept. of Applied Engg.	Robotic Multi Seed Drill (RMSD)	1 Year	4,52,000
2.	Dr. A.RamaRao, Asst. Prof., Dept. of Applied Engg.	Design and Development of Multi Stage Weeder	1 Year	3,25,000
3.	Dr. D. VijayaRamu, Assoc. Prof., Dept. of Biotechnology	Effect of the total galactose content on complement-dependent cytotoxicity of the therapeutic anti-CD20 IgG1 antibodies under temperature stress conditions	1 Year	4,95,000
4.	Dr.K.Balamurugan, Assoc. Prof., Dept. of Mech. Engg.	Fabrication and property evaluation of metal, polymer, ceramic particles as reinforcement in PLA based composite filament for fused deposition modelling technology	1 Year	3,69,000
5.	Dr.PayelGhosh, Asst. Prof., Dept. of Chemical Engg.	Processing and Preservation of Edible Flowers (Pumpkin Flower and Banana Flower)	1 Year	2,21,000
6.	Ms. P. Vijetha Asst. Prof., Dept. of Chemical Engg.	Removal of organic pesticide using biochar	1 Year	3,22,000
7.	Ms. B. Anitha Reddy, Asst. Prof., Dept. of Applied Engg.	Farmer Friendly Robotic Sprayer (FFRS)	1 Year	4,91,000
8.	Mr. M.Naresh, Asst. Prof., Dept. of Applied Engg.	Development of E-bike from scrap	1 Year	2,14,000
9.	Ms. K. Sai Manogna, Asst. Prof., Dept. of Applied Engg.	Design and Evaluation of AonlaDeseeder Cum Cutter	1 Year	2,10,000
10.	Mr. B. Harish Babu, Asst. Prof., Dept. of Applied Engg.	Hybrid Vehicle by using Thermo Electric Generator	1 Year	4,78,000
11.	Dr. N.Ruben, Assoc. Prof., Dept. of Civil Engg.	Performance and microstructure characterization of red mud modified concrete	1 Year	3,25,000



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12.	Mr. D. Ravikanth, Asst. Prof., Dept. of Civil Engg.	An Investigation on sustainable flexible pavement materials	1 Year	2,20,000
13.	Dr. P. Parthiban, Asst. Prof., Dept. of Civil Engg.	An Investigation on fiber reinforced Bituminous Concrete	1 Year	3,92,000
14.	Ms B. Jyostna Devi, Asst. Prof., Dept. of CSE	Designing and Implementing a Two-Channel Deep Neural Network Architecture for Brain Tumor Classification	1 Year	2,52,000
15.	Dr U. Sri Lakshmi, Asst. Prof., Dept. of CSE	Improving energy efficiency of routing protocols in Manets	1 Year	2,97,000
16.	Dr. S.V.Phani Kumar, Assoc. Prof., Dept. of CSE	Sentiment Analysis and Text characterization of Cancer records with LSTM	1 Year	4,89,000
17.	Dr. T. P.Latchoumi, Asst. Prof., Dept. of CSE	Bio-inspired Particle swarm optimization algorithm with Support vector machines for identifying abnormal health conditions of human beings	1 Year	3,73,000
<b>Total</b>				<b>59,25,000</b>

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitible to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2019-20.

REGISTRAR

VIGNAN'S FOUNDATION

FOR SCIENCE, TECHNOLOGY AND RESEARCH

(Deemed to be University)

VADLAMUDI-522 213

VANTUR (DISTRICT), A.P. INDIA

To:

Finance Officer, Individual concerned

Copy to

PA to the Vice Chancellor,

Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file

## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2019-20/02

Dt: 20.06.2019

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 06.06.2019 as approved by the Vice-Chancellor.

\* \* \*

### ORDER

With reference to the above committee report, the list of proposals of faculty members' for **Seed Money** for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 56,03,000/- (Rupees Fifty Six lakhs and Three Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-


S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1.	Mr. Vishnu Suresh, Asst. Prof., Dept. of ECE	An IoT-based bin level monitoring system for solid waste management	1 Year	2,21,000
2.	Dr. M. Sarada Assoc. Prof., Dept. of ECE	Design of constant Q-factor notch filter using voltage difference transconductance amplifier	1 Year	3,79,000
3.	Mr. A.R. Vijay Babu, Asst. Prof., Dept. of EEE	Design and Development of UAV for Defense Applications	1 Year	4,43,000
4.	Mr. A. SrihariBabu, Asst. Prof., Dept. of EEE	Design of high voltage gain interleaved boost converter for PV system applications	1 Year	4,57,000
5.	Mr. Ch.SivaKoteswaraRao, Asst. Prof., Dept. of IT	Opinion mining for drug reviews	1 Year	3,92,000
6.	Mr. K.Praveen Kumar, Asst. Prof., Dept. of IT	Automatic notification of gas cylinder status and alarming system on leakage of gas	1 Year	3,79,000
7.	Mr. D. Anandha Kumar, Asst. Prof., Dept. of IT	Twitter sentiment analysis based on ordinal regression	1 Year	4,15,000
8.	Ms. Sk. Nazma Sultana, Asst. Prof., Dept. of IT	Optimized water scheduling using IOT sensor data in smart farming	1 Year	4,92,000
9.	Dr. N.Veeranjaneyulu, Prof., Dept. of IT	Improved data extraction from EHR as linked data for data analysis and decision making	1 Year	4,39,000
10.	Dr. L. RatnaRaju, Asst. Prof., Dept. of Mechanical Engg.	3-D printed Muscle sensed prosthetic arm	1 Year	3,92,000
11.	Dr.K.Balamurugan, Assoc. Prof., Dept. of Mechanical Engg.	Fabrication, characterization and machining of aluminium composite with 63% of SiC	1 Year	4,21,000

12.	Dr. M.Rama Krishna, Prof., Dept. of Mechanical Engg.	Vignan's Rotating Emblem	1 Year	1,95,000
13.	Dr. N. Srinivasu, Prof., Dept. of Science & Humanities	Synthesis of Darunavir Substantially Free from Impurities	1 Year	4,08,000
14.	Dr.M.Sireesha, Assoc. Prof., Dept. of Science & Humanities	Synthesis and study of anticancer activities	1 Year	2,48,000
15.	Dr.N.SatyaSree, Prof., Dept. of Science & Humanities	Development of novel protocol for reviving of oil and natural gas wells	1 Year	3,22,000
<b>Total</b>				<b>56,03,000</b>

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitable to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2019-20.

**To:**  
 Finance Officer, Individual concerned  
**Copy to**  
 PA to the Vice Chancellor  
 Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file

  
**REGISTRAR**  
**VIGNAN'S FOUNDATION**  
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**VADLAMUDI-522 213**  
**GUNTUR (DISTRICT), A.P. INDIA**

## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2019-20/03

Dt: 15.10.2019

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 03.10.2019 as approved by the Vice-Chancellor.

\* \* \*

### ORDER

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 46,70,000/- (Rupees Forty Six lakhs and Seventy Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1.	Dr. A.RamaRao, Asst. Prof., Dept. of Applied Engg.	PTO operated low cost pneumatic planter	1 Year	4,63,000
2.	Mr. B.S. Bibek, Asst. Prof., Dept. of Applied Engg.	Battery (Solar) Operated Reel Lawn Mover (BORLM)	1 Year	4,97,000
3.	Mr. Samresh Kumar, Asst. Prof., Dept. of Applied Engg.	Mobile Motorized Sprayer (M-MS)	1 Year	3,27,000
4.	Dr. D. John Babu, Prof., Dept. of Biotechnology	Optimization of Cu(II) biosorption onto sea urchin test using response surface methodology and artificial neural networks	1 Year	3,89,000
5.	Dr. T.C. Venkateswarulu, Prof., Dept. of Biotechnology	Characterization of bacteriocin producing probiotic properties of enterococcus casseliflavus mi001 isolated from curd sample	1 Year	2,79,000
6.	Mr. Md. VaseemChavhan, Asst. Prof., Dept. of Textile & Fashion Technology	Investigating the properties of wet laid non-woven from mechanically fabricated jute fibre	1 Year	3,68,000
7.	Dr. Sandeep Singh Rana, Asst. Prof., Dept. of Food Technology	Impact of UV-C-irradiation on solubility of Osborne protein fractions in wheat flour	1 Year	4,72,000
8.	Dr.M.Karthikeyan, Assoc. Prof., Dept. of Civil Engg.	Sustainable Utilization of industrial By - Products in the Development of Roads with No Cement Concrete (Geopolymer Concrete).	1 Year	3,47,000
9.	Ms. B. Ravali, Asst. Prof., Dept. of Civil Engg	An investigation on Geo-Polymer Concrete	1 Year	92000
10.	Dr. M.Shanmugam,	An automated script Analysis	1 Year	3,49,000



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	Assoc. Prof., Dept. of CSE	system using Natural Language Processing		
11.	Mr. Y. Ravi Sekhar, Assoc. Prof., Dept. of ECE	Optimization of Out-of-Band Emission using Kaiser-Bessel Filter for UFMC in 5G Cellular Communications	1 Year	3,20,000
12.	Mr. M. Krishna ChennakesavaRao, Asst. Prof., Dept. of ECE	Dual Band DGS Antenna for Bluetooth / WiFi / 5G Applications	1 Year	3,75,000
13.	Dr.B.Premamayudu, Prof., Dept. of IT	Improved artistic image generation using transfer learning	1 Year	3,92,000
<b>Total</b>				<b>46,70,000</b>

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitable to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2019-20.

**REGISTRAR**

VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
(Deemed to be University)  
VADLAMUDI-522 213  
GUNTUR (DISTRICT), A.P. INDIA

To:  
Finance Officer, Individual concerned  
Copy to  
PA to the Vice Chancellor  
Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file

## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2019-20/04

Dt: 18.11.2019

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 05.11.2019 as approved by the Vice-Chancellor.

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### ORDER

With reference to the above committee report, the list of proposals of faculty members' for **Seed Money** for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 61,62,000/- (Rupees Sixty One lakhs and Sixty Two Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1.	Dr. K.Sujatha, Assoc. Prof., Dept. of IT	Development of frequent and infrequent pattern mining models for e-commerce databases	1 Year	4,55,000
2.	Dr. A. RangaRao, Assoc. Prof., Dept. of Biotechnology	Bioethanol production from agarophyte red seaweed, Gelidiumelegans, using a novel sample preparation method	1 Year	3,48,000
3.	Dr. D. Satyanarayana, Prof., Dept. of Mech. Engg.	Measurement & Analysis of wire vibration in wire electric discharge machining	1 Year	4,92,000
4.	Dr.Sk. Anwar, Assoc. Prof., Dept. of Science & Humanities	Synthesis of Oxazolines from Carboxylic Acids and O-Silylated Amino alcohols	1 Year	2,14,000
5.	Dr.S.Devaraju, Assoc. Prof., Dept. of Science & Humanities	Development and characterization of fully bio-based polybenzoxazine-silica hybrid composites	1 Year	4,07,000
6.	Mr. S.Sebastian, Asst. Prof., Dept. of Applied Engg.	Three Axis Modern Pneumatic Trailer	1 Year	4,87,000
7.	Mr. R. RavindraRaju, Asst. Prof., Dept. of Applied Engg.	Photovoltaic Mobile Chilli Dryer (PV-MCD)	1 Year	4,95,000
8.	Dr. P. Bangaraiah, Assoc. Prof., Dept. of Chemical Engg.	Optimization Of Operating Parameters Using Response Surface Method For Biosorption of Zinc	1 Year	4,32,000
9.	Mr. Selvamuthu Kumar, Asst. Prof., Dept. of Applied Engg.	Fabrication of automatic hand brake release	1 Year	3,51,000
10.	Mr. T. ShyamSundhar, Asst. Prof., Dept. of Applied Engg.	Tractor operated pneumaticpiegeon PEA Panter	1 Year	3,40,000
11.	Mr. M. Anirudh, Asst.	Jumping jets fountain @ VFSTR	1 Year	2,05,000



VIGNAN'S

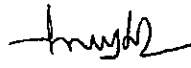
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	Prof., Dept. of Civil Engg.			
12.	Mr. K. Gopi Krishna, Asst. Prof., Dept. of Civil Engg.	Optimum Usage of University space	1 Year	1,08,000
13.	Dr. K. Annapurna, Assoc. Prof., Dept. of ECE	QoS Maintenance in Cognitive Radio Networks with Priority-Supporting Novel Channel Allocation Method	1 Year	3,28,000
14.	Dr. P. Subba Rao, Assoc. Prof., Dept. of IT	Agri rover automatic seedling by using amica board	1 Year	3,62,000
15.	Dr. K. V. K. Kishore, Prof., Dept. of IT	Solar based multi-tasking agricultural robo	1 Year	4,97,000
16.	Dr. U. Janardhan Reddy, Asst. Prof., Dept. of IT	Identification of lung cancer stages using efficient machine learning framework	1 Year	3,34,000
17.	Dr. K. V. Madhuri, Prof., Dept. of Science & Humanities	Synthesis and electrochromic properties of nanocrystalline WO <sub>3</sub> thin films	1 Year	3,07,000
Total				61,62,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitable to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2019-20.

To:  
Finance Officer, Individual concerned  
Copy to  
PA to the Vice Chancellor  
Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file

  
REGISTRAR  
VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
(Deemed to be University)  
VADLAMUDI-522 213  
GUNTUR (DISTRICT), A.P. INDIA



**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/Reg/A4/30/2018-19/01

Dt: 24.05.2018

Sub: VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

Read: Committee report for the proposals of Seed Money of faculty members concerned dated 09.05.2018 as approved by the Vice-Chancellor.

\* \* \*

**ORDER**

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 51,00,000/- (Rupees Fifty OneLakhs only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	a) Dr. AbhinavParashar, Asst. Prof. Dept. of BT b)Dr. AvinashArvindRasalkar, Assoc. Prof. Dept. of BT	Diagnostic improvement of Myeloperoxidase detection for application in indication of leukemia	3 years	5,00,000
2	Dr. Benet BoscoDhas, Asst. Prof. Dept. of BT	Transgenerational epigenetic effects of food preservatives on the growth and development of a model specimen - Drosophila	2 years	4,00,000
3	Mr. Y.AmerendraNath, Asst. Prof. Dept. of ECE	Hand held monitor for cardiovascular health assessment	2 years	5,00,000
4	Ms. J. Prathiba, Asst. Prof. Dept. of ECE	Strategies for predicting the cardiac diseases	2 years	4,00,000
5	Dr. M.Ravi Kumar, Asst. Prof., Dept. of Mech. Engg.	Design and Development of Coconut Tree Climbing Robot	1 year	5,00,000
6	Dr.G.MohanaCharyulu, Assoc. Prof., Dept. of S&H	Improving Writing skills of the students studying in rural areas of a few places in Guntur District	2 years	4,00,000
7	Dr. P.SrinivasaRao, Asst. Prof., Dept. of S&H	Fabrication of high efficiency and stabilized perovskite solar cells	5 years	5,00,000
8	a) Dr. Md. Nazneen Bobby, Assoc. Prof., Dept. of BT b) Dr.N.S. Sampath Kumar, Asst. Prof., Dept. of BT	Azolla cultivation for cattle feed	2 years	10,00,000
9	a) Ms. M. Indira, Assoc. Prof., Dept. of BT b) Dr. Ch. Anjani Devi, Asst. Prof., Dept. of BT	Cultivation of GLV and ornamental plants using hydroponic system	2 years	9,00,000
Total				51,00,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitible to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2018-19.

To:  
Finance Officer, Individual concerned  
Copy to  
PA to the Vice Chancellor  
Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file

**REGISTRAR**

VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
(Deemed to be University)  
VADLAMUDI-522 213  
GUNTUR (DISTRICT), A.P. INDIA

## PROCEEDINGS OF THE REGISTRAR

F.No.:VFSTR/Reg/A4/30/2018-19/02

Dt: 12.06.2018

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 02.06.2018 as approved by the Vice-Chancellor.

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### ORDER

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 48,60,000/- (Rupees Forty Eight lakhs & Sixty Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	Dr. N. Usha Rani, Prof., Dept. of ECE	IoT Based Smart Transport Bus Monitoring Using Google Maps	1 year	7,00,000
2	Dr. S. JinoRamson, Asst. Prof., Dept. of ECE	Weather monitoring station using raspberry pi	1 year	5,00,000
3	a) Dr. M. Laavanya, Asst. Prof., Dept. of ECE b) Ms. Harshita, Asst. Prof., Dept. of ECE	smart security system for women using IoT	1 year	6,00,000
4	a) Dr. K. Abraham Peele, Asst. Prof., Dept. of BT b) Dr. Charles David, Asst. Prof., Dept. of BT	Formulations of herbal cosmetics	2 years	6,00,000
5	a) Dr. SkJakeerHussain, Prof., Dept. of ECE b) Mr. SunakarPrusty, Asst. Prof. Dept. of ECE	Smart patient health monitoring system	1 year	7,60,000
6	Mr. Ashish Kumar Thakur, Asst. Prof. Dept. of ECE	Smart home security system with automatic phone calling using arduino with IoT	1 year	6,00,000
7	Dr. N.V.R.Vikram G, Asst. Prof. Dept. of ECE	Home automation over google assistance	1 year	6,00,000
8	Mr. M. SubbaRao, Asst. Prof. Dept. of EEE	Design and Analysis of variable switching frequency controlled switching mode power converter	1 Year	5,00,000
<b>Total</b>				<b>48,60,000</b>

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debit to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2018-19.

  
**REGISTRAR**

VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
(Deemed to be University)  
VADLAMUDI-522 213  
GUNTUR (DISTRICT), A.P. INDIA

**To:**  
Finance Officer, Individual concerned  
**Copy to**  
PA to the Vice Chancellor  
Rector, Dean-Academics, Dean-R&D, Dean-IQAC (for info), Master file



**VIGNAN'S**

FOUNDED IN 1983  
DEEMED TO BE UNIVERSITY  
ESTABLISHED IN 1983

**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/Reg/A4/30/2018-19/03

Dt: 24.10.2018

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 11.10.2018 as approved by the Vice-Chancellor.

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**ORDER**

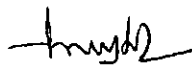
With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 63,00,000/- (Rupees Sixty Three lakhs only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	Dr. K. Mercy Rosalina, Assoc. Prof. Dept. of EEE	Design and Fabrication of E-Sportz Electric Vehicle	1 Year	7,00,000
2	Dr. G. SrinivasaRao, Prof. Dept. of EEE	Design and Development of a Solar Powered Electric Auto Rickshaw	1 Year	9,00,000
3	a) Mr. Y. SrinivasaRao, Asst. Prof. Dept. of EEE b) Mr. K. Bala Krishna, Asst. Prof. Dept. of EEE c) Ms. Rachananjali, Asst. Prof. Dept. of EEE	Design and Development of an Electrical Buggy	1 Year	10,00,000
4	a) Mr. A. Naveen Reddy, Asst. Prof. Dept. of EEE b) Mr. Ch. UmamaheswaraRao, Asst. Prof. Dept. of EEE	Design of High Frequency Resonant DC/DC Converter	1 Year	6,00,000
5	Mr. P.V.S. Sobhan, Assoc. Prof. Dept. of EEE	Design of Fuzzy Logic based Photovoltaic fed battery charging system	1 Year	5,00,000
6	a) Mr. Venkat Reddy, Asst. Prof., Dept. of Biotech b) Mr. A. VenkataNarayana, Asst. Prof., Dept. of Biotech	Optimization of production of biogas using agriculture waste for domestic use	2 years	13,00,000
7	Dr. K. V. Rao, Assoc. Prof., Dept. of Mechanical Engg.	Modeling and Optimization of weld geometry using Artificial Intelligence and HTLBO	1year	6,00,000
8	a) Dr. L. S. Raju, Prof., Dept. of Mechanical Engg. b) Mr. T.N.B. Prakash, Asst. Prof., Dept. of Mechanical Engg.	Multi-objective optimization of Friction Stir Weldments of AA2014-T651 by TLBO	1year	7,00,000
Total				63,00,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debitible to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2018-19.

To:  
Finance Officer, Individual concerned  
Copy to  
PA to the Vice Chancellor  
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REGISTRAR  
VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
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VADLAMUDI-522 213  
GUNTUR (DISTRICT), A.P. INDIA



VIGNAN'S

VIGNAN'S FOUNDATION  
FOR SCIENCE, TECHNOLOGY AND RESEARCH

**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/Reg/A4/30/2018-19/04

Dt: 20.11.2018

Sub: VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

Read: Committee report for the proposals of Seed Money of faculty members concerned dated 05.11.2018 as approved by the Vice-Chancellor.

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**ORDER**

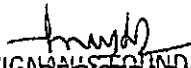
With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 54,00,000/- (Rupees Fifty Four lakhs only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	Dr.G. Suresh, Assoc. Prof., Dept. of Mechanical Engg.	An experimental study to maximize performance of micro milling for Ti-6Al-4V	1year	5,00,000
2	a) Dr.D. Vinay Kumar, Assoc. Prof., Dept. of Mechanical Engg. b) Mr. E. Govindarajulu, Asst. Prof., Dept. of Mechanical Engg.	Design and Fabrication of Compact Heat Exchanger for Multiple Purpose Usage	1year	7,00,000
3	a) Mr. T. Ch. Anil Kumar, Asst. Prof., Dept. of Mechanical Engg. b)Mr. T. BhanuPrakash, Asst. Prof., Dept. of Mechanical Engg.	Development of Analytical Approach for Generating Balanced Gaits of a Biped Robot on Stairs and Sloping Surfaces	1year	5,00,000
4	a) Ms. Y. Jyothi, Asst. Prof., Dept. of Mechanical Engg. b) Mr. B. J.M. Rao, Asst. Prof., Dept. of Mechanical Engg. c) Mr. T. Pradeep Chand, Asst. Prof., Dept. of Mechanical Engg.	Reliability and maintainability analysis of complex repairable system: a case study of railways	1year	7,00,000
5	a) Dr. V. PoornachandraRao, Prof., Dept. of Civil Engg. b) Mr. B.J.N. Satish Asst. Prof., Dept. of Civil Engg.	An Investigation on Bituminous Concrete Mix by using Crumb Rubber Modified Binder (CRMB)	1 Year	7,00,000
6	Mr.P.Padma Rao, Asst. Prof., Dept. of Civil Engg.	An Experimental Investigation on Bituminous concrete by using Shredded Rubber tires pieces	2 years	8,00,000
7	a) Mr. R.V. Ramana, Asst. Prof., Dept. of Civil Engg. b) Mr.D.Y.Vamsi, Asst. Prof., Dept. of Civil Engg.	Working model of polavaram project	2 years	5,00,000
8	Mr. N. NarayanaRao, Asst. Prof., Dept. of Applied Engg.	Manually Operated Onion Planter (MO-OP)	1 Year	10,00,000
Total				54,00,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

The above sanctioned amount is debit to the budget available under Major head: Research & Development Expenses (400) and Minor head: Seed money for faculty (407) for the Financial Year 2018-19.

To:  
Finance Officer, Individual concerned  
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VIGNAN'S FOUNDATION  
REGISTRAR  
FOR SCIENCE, TECHNOLOGY AND RESEARCH  
(Deemed to be University)  
VADLAMUDI-522 213  
TUNTUR (DISTRICT), A.P. INDIA



**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/RO/A4/30/2017-18/01

Dt: 13.06.2017

Sub: VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

Read: Committee report for the proposals of Seed Money of faculty members concerned dated 03.06.2017 as approved by the Vice-Chancellor.

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**ORDER**

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 27,31,000/- (Rupees Twenty Seven lakhs & Thirty One Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	a) Dr. A.Sharada, Assoc. prof., Dept. of English b) Dr. S.D.SasiKiran, Assoc. prof., Dept. of English c) Dr. A.K.Pradhan, Asst. prof., Dept. of English d) Dr. M.RamanaRaju, Asst. prof., Dept. of English e) Dr. P.SasiRatnakar, Asst. prof., Dept. of T&P	Thesis & Project evaluation	1 year	5,00,000
2	Dr. Ravi Kumar Kottalanka, Asst. prof., Dept. of S&H	Non-cyclic formylated di-iminopyrrole as tetradenate ligands into the main group and transition metal coordination sphere synthesis, structures and polymorization study	1 year	4,43,000
3	Ms. M.V.K. Srivani, Asst. prof., Dept. of S&H	Analysis of Metals Present in Soils of Mango, Sapota, Lemon and Banana Fields at Guntur District	1 year	3,40,000
4	Dr. PrakashNaryana Reddy, Asst. Prof., Dept. of Biotech	Development of a Methylene blue dye reduction test for assessing antimicrobial sensitivity in urine samples from UTI patients	1 year	4,92,000
5	a) Dr. B. Seetaramanjaneyulu, Prof., Dept. of ECE b) Mr. P.Krishna Chaitanya, Asst. Prof., Dept. of ECE	Design of an Antenna Array for L Band Applications	1year	4,67,000
6	Dr. G. Seetaramanjaneya Reddy, Assoc. Prof., Dept. of BME	Flood monitoring and alerting system	1 Year	4,89,000
Total				27,31,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

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VIGNAN UNIVERSITY  
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A.P. INDIA



**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/RO/A4/30/2017-18/02

Dt: 25.10.2017

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 07.10.2017 as approved by the Vice-Chancellor.

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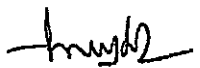
**ORDER**

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 27,69,000/- (Rupees Twenty Seven lakhs & Sixty Nine Thousand only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	a) Dr. M.S.S. Rukmini, Prof., Dept. of ECE b) Mr.B. Sunil Tej, Asst. Prof., Dept. of BME	IoT based robotic arm using NODEMCU	1 year	4,24,000
2	Mr. A. Ranganadha Reddy, Asst. Prof., Dept. of BT	Isolation and Identification of PolyHydroxyButyrate (PHB) producing bacteria from Sewage sample	1 year	3,57,000
3	Dr. R. Bharath Kumar, Assoc. Prof., Dept. of BT	Optimization of Variables for Lactase Production from Isolated Bacillus subtilis strain VUVD001	1 year	4,08,000
4	Mr. D.Yakobu, Asst. Prof., Dept. of CSE	Automatic healing of servers in cloud environment	1 year	4,28,000
5	Ms. S. Mrudula, Asst. Prof., Dept. of ECE	FPGA Implementation of Multiplication and Accumulation Unit	1 year	3,72,000
6	Dr. A. Srinivasulu, Prof., Dept. of ECE	Development of Square Wave Generator Using Second-Generation Differential Current Conveyor	1 year	3,84,000
7	Mr. T. Pitchaiah, Assoc. Prof., Dept. of ECE	Design and FPGA Implementation of Variable FIR Filters using the Spectral Parameter Approximation and Time-Domain Approach	1 year	3,96,000
Total				27,69,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

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REGISTRAR  
VIGNAN UNIVERSITY,  
VADLAMUDI-522 213  
A.P., INDIA



**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/RO/A4/14/2016-17/01

Dt: 15.06.2016

Sub: VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

Read: Committee report for the proposals of Seed Money of faculty members concerned dated 02.06.2016 as approved by the Vice-Chancellor.

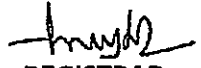
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**ORDER**

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 16,00,000/- (Rupees Sixteen lakhs only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	Dr. S. Krupanidhi, Prof., Dept. of BT	Design and development of indoor device for recycling of domestic vegetable scrap	1 year	5,33,000
2	Dr. M.S..Shivakiran, Asst. Prof., Dept. of BT	Waste water treatment by phytoremediation with concurrent production of biogas and biomanure	1 year	4,98,000
3	Dr. N. Jalaja, Asst. Prof., Dept. of BT	Genome wide identification and expression of nuclear factor Y family genes in Sorghum bicolor	1 year	2,15,000
4	Ms. B. Sumalatha, Asst. Prof., Dept. of Chemical Engg.	Bio sorption of heavy metals using various biosorbents	1 year	3,54,000
Total				16,00,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

  
REGISTRAR  
VIGNAN UNIVERSITY,  
VADLAMUDI-522 213,  
A.P., INDIA

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VIGNAN'S  
UNIVERSITY

**PROCEEDINGS OF THE REGISTRAR**

F.No.:VFSTR/RO/A4/14/2015-16/02

Dt: 29.10.2015

**Sub:** VFSTR – R&D – Seed Grant proposals of faculty members – amount – sanctioned – orders – Issued.

**Read:** Committee report for the proposals of Seed Money of faculty members concerned dated 07.10.2015 as approved by the Vice-Chancellor.

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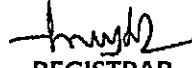
**ORDER**

With reference to the above committee report, the list of proposals of faculty members' for Seed Money for various projects is hereby approved by the Vice-Chancellor. A budget for Rs. 10,00,000/- (Rupees Ten lakhs only) is hereby sanctioned to meet the expenditure for executing the projects. The details are as given below:-

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1	Dr. S. Asha, Assoc. Prof. Dept. of Biotechnology	In vitro studies of Wrightlatinctoria (R. Br.)	1 year	2,50,000
2	Mr. P. Ashok Kumar, Assoc. Prof. Dept. of Chemical Engg.	Waste Heat Recovery from Flue Gases	1 year	3,52,000
3	Dr. K.Hemanth Kumar, Assoc. Prof. Dept. of CSE	Image classification on large data sets using Machine learning algorithms	1 year	3,98,000
Total				10,00,000

The above faculty members are requested to follow the purchase and travel norms while purchasing the material and undertaking travel. All the material should be taken on charge in the ledger and accounted for as per existing procedure. The sanctioned amount will be released in phase wise.

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