



# VIGNAN'S

Foundation for Science, Technology & Research

(Deemed to be University)

-Estd. u/s 3 of UGC Act 1956

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## PROCEEDINGS OF THE REGISTRAR

F.No.:VFSTR/RO/A4/30/2020-21/01

Dt: 13.07.2020

**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 04.07.2020 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. 44,59,000/- (Rupees Forty Four lakhs and Fifty 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.	Dr K. Hemantha Kumar, Prof., Dept. of CSE	Lung Image Classification To Identify Abnormal Cells Using Radial Basis Kernel Function Of SVM	1.5 Year	4,70,000
2.	Dr. M. Nirupama Bhat, Prof., Dept. of CSE	Securing the data using Visual Cryptosystems	1 Year	3,80,000
3.	Dr. D. John Babu, Prof., Dept. of Biotechnology	Determination of pesticide residues in water samples in agriculture fields	1.5 Year	5,80,000
4.	B.Jyostna Devi, Asst. Prof., Dept. of CSE	Deep Learning Models For Pneumonia Identification And Classification Based On X-Ray Images	1.3 Year	4,20,000
5.	Dr. P. Sambaiah, Asst. Prof., Dept. of ECE	Design and Development of SIW Filter for 5G Applications	2 Year	2,50,000
6.	Mr. T. Ch. Anil Kumar, Asst. Prof., Dept. of Mechanical Engg.	Driverless Car Simulation Using Convolutional Neural Network	2 Year	5,65,000
7.	Dr. S. Venkatrama Phani Kumar, Assoc. Prof., Dept. of CSE	Aspect-Level Sentiment Analysis With Emojis/ Emoticons Using Recurrent Convolutional Neural Networks	1.5 Year	4,70,000
8.	Dr.A.Venkata Narayana, Assoc. Prof., Dept. of Biotechnology.	Optimum production of L-Methionine by E.coli	1.3 Year	5,70,000
9.	Mr. CH. Venkata Rami Reddy, Asst. Prof., Dept. of CSE.	A Particle Swarm Optimization With Adaptive Clustering Routing Algorithm For Underwater Wireless Sensor Networks	1 Year	3,54,000
10.	Dr. Ch. Tirupataiah, Asst. Prof., Dept. of S&H.	Fabrication of Pr6O11 based multi-component PbO–Al2O3–TeO2–GeO2–SiO2 glass ceramics for the solid state laser source	1 Year	4,00,000
Total				44,59,000





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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 2020-21.

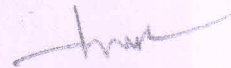
**To:**

Finance Officer, Individual concerned

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



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## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2020-21/02

Dt: 21.09.2020

**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 09.09.2020  
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. 40,30,000/- (Rupees Forty lakhs and Thirty 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. D. Yakobu, Asst. Prof., Dept. of CSE	A Novel Energy-efficient scheduling for VM consolidation and migration for cloud data centers	1 Year	3,35,000
2.	Mr. N. Bharat Kumar, Asst. Prof., Dept. of EEE	Automatic Solar Tracker	1 Year	3,72,000
3.	Dr. P. Venkatappa Reddy, Assoc. Prof., Dept. of ECE	Development of a GUI based Deep Learning model: an aid for glioma prediction and diagnosis	2 years	2,85,000
4.	Mr. T. N. B. Prakash, Asst. Prof., Dept. of Mechanical Engg.	Effect of back pressure and temperature on the densification behaviour of Al-Mg alloy	1 year	3,28,000
5.	Dr. D. Vinay Kumar, Assoc. Prof., Dept. of Mechanical Engg.	Experimental evaluation of a 4 stroke genset engine with GEM Blends	2 Years	3,85,000
6.	Ms. D. Radha Rani, Asst. Prof., Dept. of CSE	Sentiment Analysis of Customer Review Data	1 Year	3,50,000
7.	Dr. M. Ramesh Naidu, Prof., Dept. of Chemical Engg.	Extraction of oil from pongamia-pinnata by solvent extraction method	2 Years	3,50,000
8.	Dr. U. Sri Lakshmi, Asst. Prof., Dept. of CSE	Improved Learning Of Combining LBP And Original Image Datasets For Feature Extraction And Classification Using CNN	1.5 Years	4,50,000
9.	Dr. M. Ramanjaneyulu, Asst. Prof., Dept. of S&H	Synthesis and characterization of wide bandgap semiconducting nanostructured materials.	1 year	4,00,000
10.	Dr. K. Krishna Devi, Asst. Prof., Dept. of S&H.	Development of New Generation High Performance Environment Friendly Flame	1 Year	4,00,000



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		Retardant Hybrid Nanomaterials		
11.	Dr. K. Balamurugan, Prof., Dept. of Mechanical Engg.	Design of multipurpose Agricultural cultivator	1.5 Years	3,75,000
<b>Total</b>				<b>40,30,000</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 2020-21.


**To:**

Finance Officer, Individual concerned

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**GUNTUR (DISTRICT), A.P. INDIA**





## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2020-21/03

Dt: 18.11.2020

**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 05.11.2020 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. 42,28,000/- (Rupees Forty Two lakhs and Twenty Eight 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. P. Kishore, Asst. Prof., Dept. of S&H.	Pyridyl Antimony(V)-Oxo clusters supported Cu(I) luminescent materials	1 year	4,00,000
2.	Dr. T. Bharath Kumar, Asst. Prof., Dept. of S&H.	Synthesis of polyoxometalate (POM)-porphyrin(POR) crystalline hybrid materials to study their inter-component catalytic synergism	1 year	4,00,000
3.	Dr. NVR Vikram G, Asst. Prof., Dept. of ECE.	Development of DAQ for temperature dependent four probe resistivity measurement system	2 years	2,27,000
4.	P. Jhansi Lakshmi, Asst. Prof., Dept. of CSE	optimization Techniques using WOA	1.5 Years	3,60,000
5.	Dr. Satya Vijaya Kumar, Asst. Prof., Dept. of S&H	Functional Nano materials for Environmental Remediation	1 Year	4,00,000
6.	Dr. Naveen Kumar Reddy, Asst. Prof., Dept. of S&H	Metaloxide Modified Vertically Grow Zno Nanorods Electrode for Highly Efficient Non-Enzymatic Glucose Sensor Applications.	1 Year	4,10,000
7.	Dr. M. Patchiyanan, Assoc. Prof., Dept. of ECE	Wearable Antenna for 5G Applications	2 years	3,00,000
8.	Dr. Sandeep Singh Rana, Asst. Prof., Dept. of Chemical Engg.	Improved post- processing technology for values addition and minimizing the losses for chilli crop	1 Year	2,00,000
9.	Dr. M. Karthikeyan, Assoc. Prof., Dept. of Civil Engg.	An Experimental Investigation on Durability & Strength Properties of Geopolymer concrete.	1 Year	5,11,000
10.	DR. S. K. Satpathy, Assoc. Prof., Dept. of	Cryptography based concept drift in E-Voting app in employing one	1 year	2,80,000



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	CSE	time pad with quantum cryptography hybrid algorithm		
11.	Dr. Sudip Mandal, Asst. Prof., Dept. of S&H	Investigating the influence of Complexing agents as electrolyte additives and engineering the core-shell nano structured bi functional electrocatalysts for advanced Zinc-air battery.	1 Year	4,10,000
12.	Ms. Sajja Tulasi Krishna, Asst. Prof., Dept. of CSE	Image Classification Using Regularized Convolutional Neural Network Design With Dimensionality Reduction Modules::RCNN-DRM	1 Year	3,30,000
<b>Total</b>				<b>42,28,000</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 2020-21.

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## PROCEEDINGS OF THE REGISTRAR

F.No.: VFSTR/RO/A4/30/2020-21/04

Dt: 25.01.2021

**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 04.01.2021 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. 53,48,000/- (Rupees Fifty Three lakhs and Forty Eight 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. Samatha Bevara, Asst. Prof., Dept. of S&H	Development of Inorganic porous Silica-calc arene Hybrid materials for the separation of toxic metal ions from industrial waste.	1 Year	4,00,000
2.	Mr. Sameer Ahmad, Asst. Prof., Dept. of Chemical Engg.	Characterization of functional, thermal properties of multigrain noodles/ Pasta	1 Year	3,50,000
3.	Dr. P. Parthiban, Asst. Prof., Dept. of Civil Engg.	Assessment of geopolymer composites durability at one year age	1.2 Year	3,89,000
4.	Dr K Venkata Kishore, Asst. Prof., Dept. of ECE	Design and Development of RF feeding network for wind profiling RADAR	2 Years	4,60,000
5.	Dr. R. Ranganayakulu, Asst. Prof., Dept. of ECE	Design and Development Fractional control for Feedback Feed forward control scheme	2 Years	4,05,000
6.	Mr. Rahul Vashishth, Asst. Prof., Dept. of Chemical Engg.	Isolation, modification and characterization of starch colocasia esculenta	1 Year	3,50,000
7.	Dr. S. Kubera Sampath Kumar, Asst. Prof., Dept. of Chemical Engg.	Development of aerosol filters with nano fiber based textile composite	2 Years	7,65,000
8.	Dr. Hemantha Kumar Bhuyan, Assoc. Prof., Dept. of IT.	Novel Clustering Approach for Privacy Preserving Data Mining using Fuzzy Logic	1 Year	3,12,000
9.	Dr.D.Satish Chandra, Assoc. Prof., Dept. of Civil Engg.	Evaluation of mechanical and durability properties of fiber-reinforced concrete composite based on rice husk ash	1.5 Year	4,87,000
10.	Mr. Saiyed Faiyaz Waris, Asst. Prof., Dept. of CSE	An IoT Driven Coronary Heart Artery Problem Detection And Evaluation Employing Deep Neural Network	1.2 Year	4,10,000



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11.	Dr. A. Arul Murugan, Assoc. Prof., Dept. of CSE	Fault tolerance based attack detection using ensemble classifier machine learning with IoT Security	1 Year	3,85,000
12.	Dr. Sivadi Balakrishna, Asst. Prof., Dept. of CSE	Multi Model-based Integrative Cluster Analysis Framework for Identifying and Detecting Faults in IoT data	1 Year	3,50,000
13.	Dr. V. Balaji Vijayan, Asst. Prof., Dept. of CSE	Fabrication of wearable textile antenna for life monitoring System	1 Year	2,85,000
<b>Total</b>				<b>53,48,000</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 2020-21.

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