

OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 27.04.2019

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 27.04.2019 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 27-04-2019 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:

i.	Dr. D. Vijaya Ramu	-	Dean, Academics	-	Member
ii.	Dr. S. Krupanidhi	-	HoD, Biotechnology	-	Member
iii.	Dr. D. Venkatesulu	-	HoD, CSE	-	Member
iv.	Dr. L.S. Raju	-	HoD, Mechanical Engg.	-	Member
v.	Dr. M. Ramesh Naidu	-	HoD, Chemical Engg.	-	Member
vi.	Dr. N. Ruben	-	HoD, Civil Engg.	-	Member
vii.	Mr. N. Narayana Rao	-	HoD, Applied Engg.	-	Member

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.

3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 17 proposals out of 25 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Dr.D.S. Ayyanna, Asst. Prof., Dept. of Applied Engg.	Robotic Multi Seed Drill (RMSD)	10:15 AM	1 Year	4,52,000
2.	Dr. A.Rama Rao, Asst. Prof., Dept. of Applied Engg.	Design and Development of Multi Stage Weeder	10:30 AM	1 Year	3,25,000
3.	Ms. B. Anitha Reddy, Asst. Prof., Dept. of Applied Engg.	Farmer Friendly Robotic Sprayer (FFRS)	10:45 AM	1 Year	4,91,000
4.	Mr. M. Naresh, Asst. Prof., Dept. of Applied Engg.	Development of E-bike from scrap	11:00 AM	1 Year	2,14,000
5.	Ms. K. Sai Manogna, Asst. Prof., Dept. of Applied Engg.	Design and Evaluation of Aonla Deseeder Cum Cutter	11:15 AM	1 Year	2,10,000
6.	Mr. B. Harish Babu, Asst. Prof., Dept. of Applied Engg.	Hybrid Vehicle by using Thermo Electric Generator	11:30 AM	1 Year	4,78,000

7.	Dr. D. Vijaya Ramu, 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	11:45 AM	1 Year	4,95,000
8.	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	12 Noon	1 Year	3,69,000
9.	Dr. Payel Ghosh, Asst. Prof., Dept. of Chemical Engg.	Processing and Preservation of Edible Flowers (Pumpkin Flower and Banana Flower)	12:15 PM	1 Year	2,21,000
10.	Ms. P. Vijetha Asst. Prof., Dept. of Chemical Engg.	Removal of organic pesticide using biochar	12:30 PM	1 Year	3,22,000
11.	Dr. N. Ruben, Assoc. Prof., Dept. of Civil Engg.	Performance and microstructure characterization of red mud modified concrete	12:45 PM	1 Year	3,25,000
12.	Mr. D. Ravikanth, Asst. Prof., Dept. of Civil Engg.	An Investigation on sustainable flexible pavement materials	1:00 PM	1 Year	2,20,000
13.	Dr. P. Parthiban, Asst. Prof., Dept. of Civil Engg.	An Investigation on fiber reinforced Bituminous Concrete	2:15 PM	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	2:30 PM	1 Year	2,52,000
15.	Dr U. Sri Lakshmi, Asst. Prof., Dept. of CSE	Improving energy efficiency of routing protocols in Manets	2:45 PM	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	3:00 PM	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	3:15 PM	1 Year	3,73,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Having examined all the seed grant proposal, the meeting was adjourned.



Chairman
(Dr. G. Srinivasa Rao)
Dean, R&D





OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 20.05.2019

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 20.05.2019 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 20-05-2019 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:

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|------|--------------------------|---|-----------------------|---|--------|
| i. | Dr. D. Vijaya Ramu | - | Dean, Academics | - | Member |
| ii. | Dr. K.V. Krishna Kishore | - | HoD, IT | - | Member |
| iii. | Dr. N. Srinivasu | - | HoD, S&H | - | Member |
| iv. | Dr. L.S. Raju | - | HoD, Mechanical Engg. | - | Member |
| v. | Dr. T. Pitchaiah | - | HoD, ECE | - | Member |

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.

3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 15 proposals out of 22 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Mr. Vishnu Suresh, Asst. Prof., Dept. of ECE	An IoT-based bin level monitoring system for solid waste management	10:15 AM	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	10:30 AM	1 Year	3,79,000
3.	Mr. A.R. Vijay Babu, Asst. Prof., Dept. of EEE	Design and Development of UAV for Defense Applications	10:45 AM	1 Year	4,43,000
4.	Mr. A. Srihari Babu, Asst. Prof., Dept. of EEE	Design of high voltage gain interleaved boost converter for PV system applications	11:00 AM	1 Year	4,57,000
5.	Mr. Ch.Siva Koteswara Rao, Asst. Prof., Dept. of IT	Opinion mining for drug reviews	11:15 AM	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	11:30 AM	1 Year	3,79,000
7.	Mr. D. Anandha Kumar,	Twitter sentiment analysis based on	11:45	1 Year	4,15,000

	Asst. Prof., Dept. of IT	ordinal regression	AM		
8.	Ms. Sk. Nazma Sultana, Asst. Prof., Dept. of IT	Optimized water scheduling using IOT sensor data in smart farming	12 Noon	1 Year	4,92,000
9.	Dr. N. Veeranjanyulu, Prof., Dept. of IT	Improved data extraction from EHR as linked data for data analysis and decision making	12:15 PM	1 Year	4,39,000
10.	Dr. L. Ratna Raju, Asst. Prof., Dept. of Mechanical Engg.	3-D printed Muscle sensed prosthetic arm	12:30 PM	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	12:45 PM	1 Year	4,21,000
12.	Dr. M. Rama Krishna, Prof., Dept. of Mechanical Engg.	Vignan's Rotating Emblem	1:00 PM	1 Year	1,95,000
13.	Dr. N. Srinivasu, Prof., Dept. of Science & Humanities	Synthesis of Darunavir Substantially Free from Impurities	2:15 PM	1 Year	4,08,000
14.	Dr. M. Sireesha, Assoc. Prof., Dept. of Science & Humanities	Synthesis and study of anticancer activities	2:30 PM	1 Year	2,48,000
15.	Dr. N. Satya Sree, Prof., Dept. of Science & Humanities	Development of novel protocol for reviving of oil and natural gas wells	2:45 PM	1 Year	3,22,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Having examined all the seed grant proposal, the meeting was adjourned.

Chairman

(Dr. G. Srinivasa Rao)
Dean, R&D



OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 26.09.2019

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 26.09.2019 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 26-09-2019 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:

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|-------|--------------------------|---|---------------------|---|--------|
| i. | Dr. D. Vijaya Ramu | - | Dean, Academics | - | Member |
| ii. | Dr. K.V. Krishna Kishore | - | HoD, IT | - | Member |
| iii. | Dr. S. Krupanidhi | - | HoD, Biotechnology | - | Member |
| iv. | Dr. D. Venkatesulu | - | HoD, CSE | - | Member |
| v. | Dr. M. Ramesh Naidu | - | HoD, Chemical Engg. | - | Member |
| vi. | Dr. T. Pitchaiah | - | HoD, ECE | - | Member |
| vii. | Dr. N. Ruben | - | HoD, Civil Engg. | - | Member |
| viii. | Mr. N. Narayana Rao | - | HoD, Applied Engg. | - | Member |

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.

3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 13 proposals out of 21 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Dr. A.Rama Rao, Asst. Prof., Dept. of Applied Engg.	PTO operated low cost pneumatic planter	10:15 AM	1 Year	4,63,000
2.	Mr. B.S. Bibek, Asst. Prof., Dept. of Applied Engg.	Battery (Solar) Operated Reel Lawn Mover (BORLM)	10:30 AM	1 Year	4,97,000
3.	Mr. Samresh Kumar, Asst. Prof., Dept. of Applied Engg.	Mobile Motorized Sprayer (M-MS)	10:45 AM	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	11:00 AM	1 Year	3,89,000

		neural networks			
5.	Dr. T.C. Venkateswarulu, Prof., Dept. of Biotechnology	Characterization of bacteriocin producing probiotic properties of enterococcus casseliflavus mi001 isolated from curd sample	11:15 AM	1 Year	2,79,000
6.	Mr. Md. Vaseem Chavhan, Asst. Prof., Dept. of Textile & Fashion Technology	Investigating the properties of wet laid non-woven from mechanically fabricated jute fibre	11:30 AM	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	11:45 AM	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).	12 Noon	1 Year	3,47,000
9.	Ms. B. Ravali, Asst. Prof., Dept. of Civil Engg	An investigation on Geo-Polymer Concrete	12:15 PM	1 Year	92000
10.	Dr. M. Shanmugam, Assoc. Prof., Dept. of CSE	An automated script Analysis system using Natural Language Processing	12:30 PM	1 Year	3,49,000
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	12:45 PM	1 Year	3,20,000
12.	Mr. M. Krishna Chennakesava Rao, Asst. Prof., Dept. of ECE	Dual Band DGS Antenna for Bluetooth / WiFi / 5G Applications	1:00 PM	1 Year	3,75,000
13.	Dr. B. Premamayudu, Prof., Dept. of IT	Improved artistic image generation using transfer learning	2:15 PM	1 Year	3,92,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Having examined all the seed grant proposal, the meeting was adjourned.

Chairman

(Dr. G. Srinivasa Rao)
Dean, R&D





OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 29.10.2019

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 29.10.2019 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 29-10-2019 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:

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|-------|--------------------------|---|-----------------------|---|--------|
| i. | Dr. D. Vijaya Ramu | - | Dean, Academics | - | Member |
| ii. | Dr. K.V. Krishna Kishore | - | HoD, IT | - | Member |
| iii. | Dr. S. Krupanidhi | - | HoD, Biotechnology | - | Member |
| iv. | Dr. N. Srinivasu | - | HoD, S&H | - | Member |
| v. | Dr. L.S. Raju | - | HoD, Mechanical Engg. | - | Member |
| vi. | Dr. T. Pitchaiah | - | HoD, ECE | - | Member |
| vii. | Dr. N. Ruben | - | HoD, Civil Engg. | - | Member |
| viii. | Mr. N. Narayana Rao | - | HoD, Applied Engg. | - | Member |

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faculty members of various departments of VFSTR for sanction of Seed Grant.

3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 17 proposals out of 23 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	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	10:15 AM	1 Year	4,55,000
2.	Dr. P. Subba Rao, Assoc. Prof., Dept. of IT	Agri rover automatic seedling by using amica board	2:30 PM	1 Year	3,62,000
3.	Dr .K.V.K. Kishore, Prof., Dept. of IT	Solar based multi-tasking agricultural robo	2:45 PM	1 Year	4,97,000
4.	Dr.U. Janardhan Reddy, Asst. Prof., Dept. of IT	Identification of lung cancer stages using efficient machine learning framework	3:00 PM	1 Year	3,34,000
5.	Dr. A. Ranga Rao, Assoc. Prof., Dept. of Biotechnology	Bioethanol production from agarophyte red seaweed, Gelidiumelegans, using a novel sample preparation method	10:30 AM	1 Year	3,48,000

6.	Dr. D. Satyanarayana, Prof., Dept. of Mech. Engg.	Measurement & Analysis of wire vibration in wire electric discharge machining	10:45 AM	1 Year	4,92,000
7.	Dr.Sk. Anwar, Assoc. Prof., Dept. of Science & Humanities	Synthesis of Oxazolines from Carboxylic Acids and O-Silylated Amino alcohols	11:00 AM	1 Year	2,14,000
8.	Dr.S. Devaraju, Assoc. Prof., Dept. of Science & Humanities	Development and characterization of fully bio-based polybenzoxazine-silica hybrid composites	11:15 AM	1 Year	4,07,000
9.	Dr. K.V. Madhuri, Prof., Dept. of Science & Humanities	Synthesis and electrochromic properties of nanocrystalline WO ₃ thin films	3:15 PM	1 Year	3,07,000
10.	Mr. S.Sebastian, Asst. Prof., Dept. of Applied Engg.	Three Axis Modern Pneumatic Trailer	11:30 AM	1 Year	4,87,000
11.	Mr. R. Ravindra Raju, Asst. Prof., Dept. of Applied Engg.	Photovoltaic Mobile Chilli Dryer (PV-MCD)	11:45 AM	1 Year	4,95,000
12.	Dr. P. Bangaraiah, Assoc. Prof., Dept. of Chemical Engg.	Determination of Infiltration Rate of Soils using single and Double Ring Infiltrometer	12 Noon	1 Year	4,32,000
13.	Mr. Selvamuthu Kumar, Asst. Prof., Dept. of Applied Engg.	Fabrication of automatic hand brake release	12:15 PM	1 Year	3,51,000
14.	Mr. T. Shyam Sundhar, Asst. Prof., Dept. of Applied Engg.	Tractor operated pneumatic pigeon PEA Panter	12:30 PM	1 Year	3,40,000
15.	Mr. M. Anirudh, Asst. Prof., Dept. of Civil Engg.	Jumping jets fountain @ VFSTR	12:45 PM	1 Year	2,05,000
16.	Mr. K. Gopi Krishna, Asst. Prof., Dept. of Civil Engg.	Optimum Usage of University space	1:00 PM	1 Year	1,08,000
17.	Dr. K. Annapurna, Assoc. Prof., Dept. of ECE	QoS Maintenance in Cognitive Radio Networks with Priority-Supporting Novel Channel Allocation Method	2:15 PM	1 Year	3,28,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Having examined all the seed grant proposal, the meeting was adjourned.



Chairman
(Dr. G. Srinivasa Rao)
Dean, R&D



OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 02.05.2018

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 02.05.2018 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 02-05-2018 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:
 - i. Dr. D. Vijaya Ramu - Dean, Academics - Member
 - ii. Dr. S. Krupanidhi - HoD, Biotechnology - Member
 - iii. Dr. N. Srinivasu - HoD, S&H - Member
 - iv. Dr. M. Rama Krishna - HoD, Mechanical Engg. - Member
 - v. Dr. T. Pitchaiah - HoD, ECE - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 9 proposals out of 13 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	a) Dr. Abhinav Parashar, Asst. Prof. Dept. of BT b) Dr. Avinash Arvind Rasalkar, Assoc. Prof. Dept. of BT	Diagnostic improvement of Myeloperoxidase detection for application in indication of leukemia	10:15 AM	3 years	5,00,000
2.	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	10:30 AM	2 years	4,00,000
3.	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	10:45 AM	2 years	5,00,000
4.	Dr. Benet Bosco Dhas, Asst. Prof. Dept. of BT	Transgenerational epigenetic effects of food preservatives on the growth and development of a model specimen - Drosophila	11:00 AM	2 years	4,00,000
5.	Mr. Y. Amerendra Nath, Asst. Prof. Dept. of ECE	Hand held monitor for cardiovascular health assessment	11:15 AM	1 year	5,00,000

6.	Ms. J. Prathiba, Asst. Prof. Dept. of ECE	Strategies for predicting the cardiac diseases	11:30 AM	2 years	4,00,000
7.	Dr. M. Ravi Kumar, Asst. Prof., Dept. of Mech. Engg.	Design and Development of Coconut Tree Climbing Robot	11:45 AM	5 years	5,00,000
8.	Dr. G. Mohana Charyulu, Assoc. Prof., Dept. of S&H	Improving Writing skills of the students studying in rural areas of a few places in Guntur District	12 Noon	2 years	10,00,000
9.	Dr. P. Srinivasa Rao, Asst. Prof., Dept. of S&H	Fabrication of high efficiency and stabilized perovskite solar cells	12:15 PM	2 years	9,00,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.



Chairman

(Dr. G. Srinivasa Rao)
Dean, R&D

OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 26.05.2018

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 26.05.2018 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 26-05-2018 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:
 - i. Dr. D. Vijaya Ramu - Dean, Academics - Member
 - ii. Dr. S. Krupanidhi - HoD, Biotechnology - Member
 - iii. Dr. T. Pitchaiah - HoD, ECE - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 8 proposals out of 11 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Dr. N. Usha Rani, Prof., Dept. of ECE	IoT Based Smart Transport Bus Monitoring Using Google Maps	10:15 AM	1 year	7,00,000
2.	Dr. S. Jino Ramson, Asst. Prof., Dept. of ECE	Weather monitoring station using raspberry pi	10:30 AM	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	10:45 AM	1 year	6,00,000
4.	a) Dr. Sk Jakeer Hussain , Prof., Dept. of ECE b) Mr. Sunakar Prusty, Asst. Prof. Dept. of ECE	Smart patient health monitoring system	11:00 AM	1 year	7,60,000
5.	Mr. Ashish Kumar Thakur, Asst. Prof. Dept. of ECE	Smart home security system with automatic phone calling using arduino with IoT	11:15 AM	1 year	6,00,000
6.	Dr. N.V.R. Vikram G, Asst. Prof. Dept. of ECE	Home automation over google assistance	11:30 AM	1 year	6,00,000
7.	Mr. M. Subba Rao, Asst. Prof. Dept. of EEE	Design and Analysis of variable switching frequency controlled switching mode power converter	11:45 AM	1 Year	5,00,000

8.	a) Dr. K. Abraham Peele, Asst. Prof., Dept. of BT b) Dr. Charles David, Asst. Prof., Dept. of BT	Formulations of herbal cosmetics	12 Noon	2 years	6,00,000
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4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.



Chairman

(Dr. G. Srinivasa Rao)
Dean, R&D





OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 03.10.2018

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 03.10.2018 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 03-10-2018 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:
 - i. Dr. D. Vijaya Ramu - Dean, Academics - Member
 - ii. Dr. S. Krupanidhi - HoD, Biotechnology - Member
 - iii. Dr. L.S. Raju - HoD, Mechanical Engg. - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 8 proposals out of 10 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Dr. K. Mercy Rosalina, Assoc. Prof. Dept. of EEE	Design and Fabrication of E-Sportz Electric Vehicle	10:15 AM	1 year	7,00,000
2.	Dr. G. Srinivasa Rao, Prof. Dept. of EEE	Design and Development of a Solar Powered Electric Auto Rickshaw	10:30 AM	1 year	9,00,000
3.	a) Mr. Y. Srinivasa Rao, 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	10:45 AM	1 year	10,00,000
4.	a) Mr. A. Naveen Reddy, Asst. Prof. Dept. of EEE b) Mr. Ch. Umamaheswara Rao, Asst. Prof. Dept. of EEE	Design of High Frequency Resonant DC/DC Converter	11:00 AM	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	11:15 AM	1 year	5,00,000
6.	a) Mr. Venkat Reddy, Asst. Prof., Dept. of Biotech b) Mr. A. Venkata Narayana, Asst. Prof., Dept. of Biotech	Optimization of production of biogas using agriculture waste for domestic use	11:30 AM	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	11:45 AM	1 Year	6,00,000

		HTLBO			
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	12 Noon	1 year	7,00,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.



Chairman

(Dr. G. Srinivasa Rao)
Dean, R&D



**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 29.10.2018 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 29-10-2018 under the Chairmanship of Dr. G. Srinivasa Rao, Dean, R&D, VFSTR. The committee consist of:
 - i. Dr. D. Vijaya Ramu - Dean, Academics - Member
 - ii. Dr. L.S. Raju - HoD, Mechanical Engg. - Member
 - iii. Dr. N. Ruben - HoD, Civil Engg. - Member
 - iv. Mr. N. Narayana Rao - HoD, Applied Engg. - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faulty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 8 proposals out of 14 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	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	10:15 AM	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	10:30 AM	1year	7,00,000
3.	a) Mr. T. Ch. Anil Kumar, Asst. Prof., Dept. of Mechanical Engg. b)Mr. T. Bhanu Prakash, Asst. Prof., Dept. of Mechanical Engg.	Development of Analytical Approach for Generating Balanced Gaits of a Biped Robot on Stairs and Sloping Surfaces	10:45 AM	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	11:00 AM	1year	7,00,000

5.	a) Dr. V. Poornachandra Rao, 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)	11:15 AM	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	11:30 AM	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	11:45 AM	2 years	5,00,000
8.	Mr. N. Narayana Rao, Asst. Prof., Dept. of Applied Engg.	Manually Operated Onion Planter (MO-OP)	12 Noon	1 Year	10,00,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.


Chairman
 (Dr. Srinivasa Rao)
 Dean, R&D



OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 27.05.2017

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 27.05.2017 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 27-05-2017 under the Chairmanship of Dr. V. Madhusudhana Rao, Dean, E&M, VFSTR. The following members of the committee were present:
 - i. Dr. K.P. Vidhu - Dean, R&D - Member
 - ii. Dr. E. Krishna Chaitanya - Dean, Academics - Member
 - iii. Dr. S. Krupanidhi - HoD, Biotechnology - Member
 - iv. Dr. N. Srinivasu - HoD, S&H - Member
 - v. Dr. N. Usha Rani - HoD, ECE - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faculty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 6 proposals out of 10 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	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. Ramana Raju, Asst. prof., Dept. of English e) Dr. P. Sasi Ratnakar, Asst. prof., Dept. of T&P	Thesis & Project evaluation	10:15 AM	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 polymerization study	10:30 AM	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	10:45 AM	1 year	3,40,000

4.	Dr. Prakash Naryana Reddy, Asst. Prof., Dept. of Biotech	Development of a Methylene blue dye reduction test for assessing antimicrobial sensitivity in urine samples from UTI patients	11:00 AM	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	11:15 AM	1 year	4,67,000
6.	Dr. G. Seetaramanjaneya Reddy, Assoc. Prof., Dept., of BME	Flood monitoring and alerting system	11:30 AM	1 Year	4,89,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Chairman

(Dr. V. Madhusudhana Rao)

Dean, E&M

Dean

**Engineering & Management
Vignan's Foundation For Science
Technology & Research University
VADLAMUDI - 522 213
GUNTUR DIST., A.P., INDIA**

OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 19.10.2017

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 19.10.2017 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 19-10-2017 under the Chairmanship of Dr. V. Madhusudhana Rao, Dean, E&M, VFSTR. The following members of the committee were present:

i.	Dr. K.P. Vidhu	-	Dean, R&D	-	Member
ii.	Dr. E. Krishna Chaitanya	-	Dean, Academics	-	Member
iii.	Dr. S. Krupanidhi	-	HoD, Biotechnology	-	Member
iv.	Dr. N. Gnaneswara Rao	-	HoD, CSE	-	Member
v.	Dr. N. Usha Rani	-	HoD, ECE	-	Member

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faculty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 7 proposals out of 12 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Slot	Duration	Grant Amount (Rs)
1.	Mr. A. Ranganadha Reddy, Asst. Prof., Dept. of BT	Isolation and Identification of Poly Hydroxy Butyrate (PHB) producing bacteria from Sewage sample	10:30 AM	1 year	3,57,000
2.	Dr. R. Bharath Kumar, Assoc. Prof., Dept. of BT	Optimization of Variables for Lactase Production from Isolated Bacillus subtilis strain VUVD001	10:45 AM	1 year	4,08,000
3.	Mr. D. Yakobu, Asst. Prof., Dept. of CSE	Automatic healing of servers in cloud environment	11:00 AM	1 year	4,28,000
4.	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	11:15 AM	1 year	4,24,000
5.	Ms. S. Mrudula, Asst. Prof., Dept. of ECE	FPGA Implementation of Multiplication and Accumulation Unit	11:30 AM	1 year	3,72,000

6.	Dr. A. Srinivasulu, Prof., Dept. of ECE	Development of Square Wave Generator Using Second-Generation Differential Current Conveyor	11:45 AM	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	12:00 Noon	1 Year	3,96,000

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.

Chairman

(Dr. V. Madhusudhana Rao)

Dean, E&M

Dean

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OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 25.05.2016

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 25.05.2016 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 25-05-2016 under the Chairmanship of Dr. V. Madhusudhana Rao, Dean, E&M, VFSTR. The following members of the committee were present:
 - i. Dr. K.P. Vidhu - Dean, R&D - Member
 - ii. Dr. B. Seetharamanjaneyulu - Dean, Academics - Member
 - iii. Dr. S. Krupanidhi - HoD, Biotechnology - Member
 - iv. Dr. M. Ramesh Naidu - HoD, Chemical Engg. - Member
2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faculty members of various departments of VFSTR for sanction of Seed Grant.
3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 4 proposals out of 6 proposals received for seed grant.

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

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.



Chairman

(Dr. V. Madhusudhana Rao)
Dean, E&M
Engineering Management
Vignan's Foundation For Science
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OFFICE OF THE DEAN – RESEARCH & DEVELOPMENT

Date: 22.09.2015

**MINUTES OF THE SEED GRANT COMMITTEE MEETING HELD
on 22.09.2015 at 10.00 AM in the Vice- Chancellor's Board Room.**

1. The Seed Grant Committee meeting was held on 22-09-2015 under the Chairmanship of Dr. V. Madhusudhana Rao, Dean, E&M, VFSTR. The following members of the committee were present:

- | | | | | | |
|------|----------------------------|---|---------------------|---|--------|
| i. | Dr. A. Srinivasulu | - | Dean, R&D | - | Member |
| ii. | Dr. B. Seetharamanjaneyulu | - | Dean, Academics | - | Member |
| iii. | Dr. S. Krupanidhi | - | HoD, Biotechnology | - | Member |
| iv. | Dr. M. Ramesh Naidu | - | HoD, Chemical Engg. | - | Member |
| v. | Dr. N. Gnaneswara Rao | - | HoD, CSE | - | Member |

2. The Chairman welcomed the members of the committee and informed them about the agenda of the meeting. The Committee examined the proposals submitted by the faculty members of various departments of VFSTR for sanction of Seed Grant.

3. Based on the presentation, novelty and components / apparatus prescribed in the proposal the committee recommended the following 3 proposals out of 5 proposals received for seed grant.

S. No	Name of Principle Investigator	Title	Duration	Grant Amount (Rs)
1.	Dr. S. Asha, Assoc. Prof. Dept. of Biotechnology	In vitro studies of Wrightia tinctoria (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

4. The committee recommends the proposals of seed grants and requests the Vice-Chancellor for necessary approval.



Chairman

(Dr. V. Madhusudhana Rao)

Dean, E&M

Dean

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