

**VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY**  
**RESEARCH & DEVELOPMENT CELL**  
**NOTICE**











24/10/2021

A meeting of R&D Cell will be held on 28/10/2021 at 2 pm in DSP lab to discuss the present status of R&D activities.

Agenda:

1. Confirmation of the Minutes of the previous meeting.
2. Departments R&D status
3. Discussion on DST projects
4. Proposal to apply for seminar grants.
5. Any other with the permission of the chair

All members are requested to kindly make it convenient to attend the said meeting.

- |                              |   |
|------------------------------|---|
| 1. Dr. Y. Mallikarjuna Reddy | Principal, Chairman            |
| 2. Dr. K. Giri Babu          | Convener, Dean of Academics   |
| 3. Mr. M. Sri Krishna        | Joint Secretary               |
| 4. Dr. R. Naveen             | Director, CoE                 |
| 5. Dr. N. Kumaraswamy        | Dean, Admin                   |
| 6. Dr. T. Sreedhar Babu      | HOD, Civil Engineering  |
| 7. Dr. A. Naresh Babu        | HOD, EEE                      |
| 8. Dr. K. Satyanarayana      | HOD, Mechanical Engineering  |
| 9. Dr. M.Y. Bhanu Murthy     | HOD, ECE                       |
| 10. Dr. R. Eswar             | HOD, CSE  |
| 11. Dr. A. Kalavathi         | HOD, IT                       |
| 12. Dr. M.V. Raghuram        | HOD, S&H                      |

  
Convener

(R&D Cell)

to:  
members  
C

Minutes of the meeting of the R&D cell of VVIT, Nambur held on 28/10/2021 at 2.00 P.M in DSP lab.

Members:

1. Dr. Y. Mallikarjuna Reddy
2. Dr. K. Giri Babu
3. Mr. M. Sri Krishna
4. Dr. R. Naveen
5. Dr. N. Kumaraswamy
6. Dr. T. Sreedhar Babu
7. Dr. A. Naresh Babu
8. Dr. K. Satyanarayana
9. Dr. M.Y. Bhanu Murthy
10. Dr. R. Eswar
11. Dr. A. Kalavathi
12. Dr. M.V. Raghuram

Principal, Chairman *Reddy*  
Convener, Dean of Academics *Chich*  
Joint Secretary *M. Sri Krishna*  
Director, CoE *R. Naveen*  
Dean, Admin *N. Kumaraswamy*  
HOD, Civil Engineering  
HOD, EEE *T. Sreedhar Babu*  
HOD, Mechanical Engineering *A. Naresh Babu*  
HOD, ECE *K. Satyanarayana*  
HOD, CSE *M.Y. Bhanu Murthy*  
HOD, IT *R. Eswar*  
HOD, S&H *A. Kalavathi*

Agenda:

1. Confirmation of the Minutes of the previous meeting.
2. Departments R&D status
3. Discussion on DST and Sponsored projects
4. Proposal to apply for seminar grants.
5. Any other with the permission of the chair

The committee reviewed the R&D and sponsored projects of each department

**Resolutions:**

1. Discussed and finalized the objectives of Research and Development Cell for the academic year of 2021-22
2. The committee has congratulated all the faculty who pursued PhD in last six months
3. All the heads are advised to apply for AICTE and UGC work shop seminar grants in advanced technologies in respective branches during the current Academic Year. The list of ongoing research projects are listed below
4. A total number of 95 research papers were published in indexed (SCI/Scopus/Web of Science) journals during the period July 2020 to June 2021.

*Reddy*

S.No	Name of the Faculty	Title	Grant Amount (Rs)	Funding Agency	Status Duration
1.	Dr. T. Sreedhar Babu (PI) Mr. K. S. Vivek (Co-PI)	Experimental Study on CFRP strengthened CFS Angle Sections subjected to Compression	15,77,466/-	AICTE - RPS	Ongoing (2021 to 2024)
2.	Dr. M. Y. Bhanu Murthy (ECE)	SPICES	1,00,000/-	AICTE	Ongoing (2021-2)
3.	Dr. Giri Babu Kande (ECE)	MODROBS	13,72,549/-	AICTE	Ongoing (2020-2)
4	Dr. Giri Babu Kande (ECE)	MODROBS (Rural)	10,50,000/-	AICTE	Ongoing (2021-2)
5	Dr. Giri Babu Kande (ECE)	FIST - Funding for Infrastructure Development in ECE, CSE and Civil Engineering Departments	60,00,000/-	DST - FIST	Ongoing (2018-2)
<b>Total:</b>			1,01,00,015/-		

VASIREDDY VENKATADRI INSTITUTE OF TECHNOLOGY

RESEARCH & DEVELOPMENT CELL

NOTICE

04/01/2022



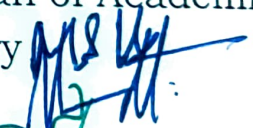









A meeting of R&D Cell will be held on 10/01/2022 at 2 pm in DSP lab to discuss the present status of R&D activities.

Agenda:

1. Confirmation of the Minutes of the previous meeting.
2. Departments R&D status
3. Discussion on DST projects
4. Proposal to apply for seminar grants.
5. Proposal to apply for JNTU, Kakinada research centers
6. Any other with the permission of the chair

All members are requested to kindly make it convenient to attend the meeting.

1. Dr. Y. Mallikarjuna Reddy
2. Dr. K. Giri Babu
3. Mr. M. Sri Krishna
4. Dr. R. Naveen
5. Dr. N. Kumaraswamy
6. Dr. T. Sreedhar Babu
7. Dr. A. Naresh Babu
8. Dr. K. Satyanarayana
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Principal, Chairman   
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HOD, EEE   
HOD, Mechanical Engineering   
HOD, ECE   
HOD, CSE   
HOD, IT   
HOD, S&H 

Convener













(R&D Cell)

Copy to:

1. All members

Minutes of the meeting of the R&D cell of VVIT, Nambur held on 10/01/2022 at 2.00 P.M in DSP lab.

**Members:**

- |                              |                             |   |
|------------------------------|-----------------------------|---|
| 1. Dr. Y. Mallikarjuna Reddy | Principal, Chairman         |  |
| 2. Dr. K. Giri Babu          | Convener, Dean of Academics |  |
| 3. Mr. M. Sri Krishna        | Joint Secretary             |   |
| 4. Dr. R. Naveen             | Director, CoE               |   |
| 5. Dr. N. Kumaraswamy        | Dean, Admin                 |   |
| 6. Dr. T. Sreedhar Babu      | HOD, Civil Engineering      |  |
| 7. Dr. A. Naresh Babu        | HOD, EEE                    |    |
| 8. Dr. K. Satyanarayana      | HOD, Mechanical Engineering |  |
| 9. Dr. M.Y. Bhanu Murthy     | HOD, ECE                    |   |
| 10. Dr. R. Eswar             | HOD, CSE                    |   |
| 11. Dr. A. Kalavathi         | HOD, IT                     |   |
| 12. Dr. M.V. Raghuram        | HOD, S&H                    |   |

**Agenda:**

1. Confirmation of the Minutes of the previous meeting.
  2. Departments R&D status
  3. Discussion on DST and Sponsored projects
  4. Proposal to apply for seminar grants.
  5. Any other with the permission of the chair
- The committee reviewed the R&D and sponsored projects of each department

**Resolutions:**

1. Discussed and finalized the objectives of Research and Development Cell for the remaining academic year of 2021-22
2. The committee has congratulated all the faculty who pursued PhD in last six months
3. All the heads are advised to apply for AICTE and UGC work shop seminar grants in advanced technologies in respective branches during the current Academic Year. The R & D committee has given the approval to following Research Projects at various funding agencies.
4. A total number of 21 research papers were published in indexed (SCI/Scopus/Web of Science) Journals during the period July 2021 to December 2021.
5. The HoD's of EEE, ECE, S&H, CSE, CIVIL and MEC are directed to take necessary action to apply for JNTUK research centers at VVIT.

S.No	Name of the Faculty	Title	Grant Amount	Funding Agency
1.	Dr.G Sanjay Gandhi (CSE) Dr.V Ramachandran (CSE)	Optimized Decision Support System in Telemedicine Framework for Breast Cancer Detection using Deep Learning	Rs. 24,23,703	RPS-AICTE
2.	Dr Kande Giri Babu (ECE), Dr. Chintalapudi Venkata Suresh (EEE)	Real time cardiovascular disease detection integrating ECG monitoring and classification through IoT and Deep Learning Techniques	Rs. 35,96,000	SERB
3.	Dr Kande Giri Babu (ECE), Dr. Chintalapudi Venkata Suresh (EEE)	Design and Development of Generalized Deep Learning Framework for Mineral Exploration	Rs. 36,34,300	AICTE
	Dr. K. Vasu Babu(ECE), Dr. K. Giri Babu (ECE) Dr. Y. Mallikarjuna Reddy (ECE)	Distributed Beams Technique and the analysis of the radar-variable, Motion-Compensated Steering (MCS) technique and Impact on Signal Power and Copolar Correlation	Rs. 16,73,280	ISRO

		Coefficient Estimates in Phased Array Weather Radar		
5	Dr. K. Giri Babu (ECE), Dr. K. Vasu Babu (ECE), Dr. Y. Mallikarjuna Reddy (ECE)	Design and simulation of Luneburg Lens and Hemispherical Dielectric Lens Focal Planar array for simultaneous multiple beams	Rs. 18,78,280	ISRO
6	Dr. Y. Mallikarjuna Reddy (ECE) Dr. K. Giri Babu (ECE), Dr. Chintalapudi Venkat Suresh (EEE)	Spacecraft Health analysis using AI techniques	Rs. 33,38,880	ISRO
7	Dr. Chintalapudi Venkata Suresh (EEE) Dr. K. Giri Babu Kande (ECE)	Development of Adaptive Plastic Pyrolysis Plant To Generate Electricity	Rs. 99,72,000	MNRE
8	Dr. M. Y. Bhanu Murthy (ECE) Dr. Sk. Enaul Haq (ECE)	Demonstration and Popularization of Science and Engineering Design Products for the Young	Rs. 32,10,600	DST

	Mr.S.Krishna Prasad(ECE)	Students and Teachers of Guntur Region		
<b>9</b>	Dr. M. Kedar Mallik (Mech) Mr. D. V. Seshagiri Rao	Additive Manufacturing (3D Printing) using carbon allotropes	Rs. 20,00,000	ISTRAC - ISRO
<b>10</b>	Dr. P. Venkateswara Babu (Mech)	Multi-Scale Surface Texturing for Enhancement of Tribological Performance in Mixed Lubricated Contacts	Rs. 29,74,948	SERB- Start up Research Grant
<b>11</b>	Dr. P. Venkateswara Babu (Mech)	Insight Developments on Combined Surface Coating and Surface Texturing for Tribological Applications	Rs. 39,12,948	SERB- Empowerment and Equity Opportunities for Excellence in Science

*Handwritten signature*