



## **SRI VASAVI ENGINEERING COLLEGE (AUTONOMOUS)**

(Sponsored by Sri Vasavi Educational Society)

(Approved by AICTE, New Delhi & Permanently affiliated to JNTUK, Kakinada)

(Accredited by NAAC with 'A' Grade, Recognized by UGC under section 2(f) & 12(B))

(NBA Accreditation to B.Tech., EEE, CSE, ME and ECE Branches for 3 Years)

Pedatadepalli, **TADEPALLIGUDEM – 534 101. W.G.Dist. (A.P)**

Ref.No : SVEC/ Admn./Circular/2021-22/ 121

Principal's Office  
Date: 16-12-2021

### **Circular**

The Ethics Committee of the institution is constituted w.e.f. 16/12/2021  
as per the details given below.

#### **Ethics Committee:**

- |   |   |             |
|---|---|-------------|
| 1. Dr. Guduru VNSR Ratnakara Rao, Principal | - | Chairperson |
| 2. Dr. V. Srinivasa Naresh - Dean R&D       | - | Convener    |
| 3. Dr. G. Radha Krishnan - Head, CE Dept.   | - | Member      |
| 4. Dr. D. Sudha Rani - Head, EEE Dept.      | - | Member      |
| 5. Dr. M. V. Ramesh - Head, ME Dept.        | - | Member      |
| 6. Dr. E. Kusuma Kumari - Head, ECE Dept.   | - | Member      |
| 7. Dr. D. Jaya Kumari - Head, CSE Dept.     | - | Member      |
| 8. Sri N. Raja Sekhar - Head, BS&H Dept.    | - | Member      |
| 9. Sri D. Naveen Kumar - Head, MBA Dept.    | - | Member      |

  
**PRINCIPAL**

Copy to : ALL

#### **Vision**

To be a premier technological institute striving for excellence with global perspective and commitment to the nation.

#### **Mission**

- To produce Engineering graduates of professional quality and global perspective through learner-centric education.
- To establish linkages with government, industry and Research laboratories to promote R&D activities and to disseminate innovations.
- To create an eco-system in the institute that leads to holistic development and ability for life-long learning.



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Pedatadepalli, **TADEPALLIGUDEM – 534 101. W.G.Dist. (A.P)**

Ref.No : SVEC/ PRIN./REC /1/ 2019-20/ 193/A

Principal's Office  
Date: 10-10-2019

### **OFFICE ORDER**

The **Research Ethics Committee** of the institution is constituted with the following members.  
The composition of **Research Ethics Committee** is as follows:

S.No	Name of the faculty	Designation	Role
1	Dr. Guduru VNSR Ratnakara Rao	Principal	Chairperson
2	Dr. V. Srinivasa Naresh	Associate Dean R&D	Convener
3	Sri. G. Radha Krishnan	Head, CE Dept.	Member
4	Dr. D. Sudha Rani	Head, EEE Dept.	Member
5	Dr. M. V. Ramesh	Head, ME Dept.	Member
6	Dr. E. Kusuma Kumari	Head, ECE Dept.	Member
7	Dr. D. Jaya Kumari	Head, CSE Dept.	Member
8	Sri N. Raja Sekhar	Head, BS&H Dept.	Member

#### **Functions & Responsibilities of Research Ethics Committee**

- Reviewing Research proposals in terms of Ethical aspects.
- To create awareness on Research Ethics among faculty and students.
- To create awareness on Intellectual Properties Rights (IPR).
- Reviewing project proposals in terms of involvement of Human / Animal/Chemical/Healthcare etc.
- Checking plagiarism for Ph.D and M.Tech. thesis

**Frequency of meeting :** Once in a year or as and when required.

  
**PRINCIPAL**

Copy to : ALL

#### **Vision**

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#### **Mission**

- ♦ To produce Engineering graduates of professional quality and global perspective through learner-centric education.
- ♦ To establish linkages with government, industry and Research laboratories to promote R&D activities and to disseminate innovations.
- ♦ To create an eco-system in the institute that leads to holistic development and ability for life-long learning.



# SRI VASAVI ENGINEERING COLLEGE

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Pedatadepalli, TADEPALLIGUDEM - 534 101, W.G. Dist, (A.P.)

## RESEARCH & DEVELOPMENT CELL

20/10/2019

Research Ethics Committee meeting was held on 17/10/2019 at 3.30 pm at Dean  
R & D Chamber. The following members were present in the meeting.

S.No.	Name of the faculty	Designation	Role	Signature
1	Dr. Guduru VNSR Ratnakara Rao	Principal	Chairperson	
2	Dr. V. Srinivasa Naresh	Associate Dean R&D	Convener	
3	Dr. G. Radha Krishnan	Head, CE Dept.	Member	
4	Dr. D. Sudha Rani	Head, EEE Dept.	Member	
5	Dr. M. V. Ramesh	Head, ME Dept.	Member	
6	Dr. E. Kusuma Kumari	Head, ECE Dept.	Member	
7	Dr. D. Jaya Kumari	Head, CSE Dept.	Member	
8	Sri N. Raja Sekhar	Head, BS&H Dept.	Member	

### Minutes of the meeting

- The committee reviewed following two Research Project proposals to be submitted to DST/SEED.

S.No.	Title of the Project	Principal Investigator & Dept.	Remarks
1	Localization of Smart Drainage System and wrist band for Mosquito control	Dr. M. Thamarai (ECE) Dr. Purnima K. Sharma (ECE)	The plagiarism percentage was below 10% and no ethical issues
2	Design & development of an Integrated Solar PV Based water Purification and IOT based water quality Monitoring System in Apparao Pet, tadepalligudem Mandal, west Godavari District.	Dr. P.V.V. Rama Rao (EEE) Dr. M. Koteswara Rao (ECE)	The plagiarism percentage was below 10% and no ethical issues

- The Committee Approved the Project Proposals in view of Research Ethical practices and Plagiarism.
- The committee decided to conduct awareness/workshops on research ethical practices.



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## RESEARCH & DEVELOPMENT CELL

20/12/2020

Research Ethics Committee meeting was held on 17/12/2020 at 3.30 pm at Dean

R & D Chamber. The following members were present in the meeting.

S.No.	Name of the faculty	Designation	Role	Signature
1	Dr. Guduru VNSR Ratnakara Rao	Principal	Chairperson	
2	Dr. V. Srinivasa Naresh	Associate Dean R&D	Convener	
3	Dr. G. Radha Krishnan	Head, CE Dept.	Member	
4	Dr. D. Sudha Rani	Head, EEE Dept.	Member	
5	Dr. M. V. Ramesh	Head, ME Dept.	Member	
6	Dr. E. Kusuma Kumari	Head, ECE Dept.	Member	
7	Dr. D. Jaya Kumari	Head, CSE Dept.	Member	
8	Sri N. Raja Sekhar	Head, BS&H Dept.	Member	

### Minutes of the meeting

- The committee reviewed following four Research Project proposals to be submitted to DST/SEED.

S.No.	Title of the Project	Principal Investigator & Dept.	Remarks
1	Tomato Crop Disease detection using Pre-Trained Models under AQIS-RPS	Dr.K.ShirinBhanu/Assoc.Prof.CSE	The plagiarism percentage was below 10% and no ethical issues
2	Design of Blockchain-Enabled Privacy-Preserving Secure Contact Tracing System for COVID-19	Dr.V.S.Naresh/Prof.CSE	The plagiarism percentage was below 10% and no ethical issues
3	Multi-terminal DC microgrid based EV charging station	Dr.D.Sudha Rani/Assoc.Prof.EEE	The plagiarism percentage was below 10% and no ethical issues
4	RPS proposal for Design and development of an HVAC system to prevent spread of Covid 19	Dr. G.V.N.S.R Ratnakara Rao/Principal	The plagiarism percentage was below 10% and no ethical issues

- The Committee Approved the Project Proposals in view of Research Ethical practices and Plagiarism.
- The committee decided to conduct awareness/workshops on research ethical practices.



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## RESEARCH & DEVELOPMENT CELL

31/07/2022

Research Ethics Committee meeting was held on 29/07/2022 at 3.30 pm at Dean R & D Chamber. The following members were present in the meeting.

S.No.	Name of the faculty	Designation	Role	Signature
1	Dr. Guduru VNSR Ratnakara Rao	Principal	Chairperson	
2	Dr. V. Srinivasa Naresh	Dean R&D	Convener	
3	Dr. G. Radha Krishnan	Head, CE Dept.	Member	
4	Dr. D. Sudha Rani	Head, EEE Dept.	Member	
5	Dr. M. V. Ramesh	Head, ME Dept.	Member	
6	Dr. E. Kusuma Kumari	Head, ECE Dept.	Member	
7	Dr. D. Jaya Kumari	Head, CSE Dept.	Member	
8	Sri N. Raja Sekhar	Head, BS&H Dept.	Member	
9	Sri D. Naveen Kumar	Head, MBA Dept.	Member	

### Minutes of the meeting

- The committee reviewed following two Research Project proposals to be submitted to DST/SEED.

S.No.	Project scheme	Title of the Project	Principal Investigator & Dept.	Remarks
1	DST-SERB-CRG	AI-Enabled Chilli Crop Health Management System at Pallantla Village	<b>PI</b> Dr.V.S.Naresh Dean R&D and Professor/CSE <b>Co-PI</b> K.N.H.Srinivas Assoc.Professor/ECE Dr. Sarveswara Rao Asst.Professor/ECE	The plagiarism percentage was below 10% and no ethical issues

- The Committee Approved the Project Proposals in view of Research Ethical practices and Plagiarism.
- The committee decided to conduct awareness/workshops on research ethical practices.

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Pedatadepall, TADEPALLIGUDEM - 534 101, W.G. Dist, (A.P.)**RESEARCH & DEVELOPMENT CELL**

25/02/2023

Research Ethics Committee meeting was held on 20/02/2023 at 3.30 pm at Dean R & D Chamber. The following members were present in the meeting.

S.No.	Name of the faculty	Designation	Role	Signature
1	Dr. Guduru VNSR Ratnakara Rao	Principal	Chairperson	
2	Dr. V. Srinivasa Naresh	Dean R&D	Convener	
3	Dr. G. Radha Krishnan	Head, CE Dept.	Member	
4	Dr. D. Sudha Rani	Head, EEE Dept.	Member	
5	Dr. M. V. Ramesh	Head, ME Dept.	Member	
6	Dr. E. Kusuma Kumari	Head, ECE Dept.	Member	
7	Dr. D. Jaya Kumari	Head, CSE Dept.	Member	
8	Sri N. Raja Sekhar	Head, BS&H Dept.	Member	
9	Sri D. Naveen Kumar	Head, MBA Dept.	Member	

**Minutes of the meeting**

- The committee reviewed following two Research Project proposals to be submitted to DST/SEED.

S.No.	Project scheme	Title of the Project	Principal Investigator & Dept.	Remarks
1	DST-SERB-CRG	SMART AND SECURE HEALTHCARE SYSTEM FOR ELDERLY	PI Dr.V.S.Naresh Dean R&D and Professor/CSE  Co-PI Dr.M.Thamarai Professor/ECE	The plagiarism percentage was below 10% and no ethical issues
2	DST-SERB-CRG	Development of Nonlinear Controller for DC Microgrid and Protection Using Advanced Signal Processing and Artificial Intelligence Techniques	PI: Dr. Eluri NVDV Prasad, Assistant Professor, EEE Co- PI: Dr. Sudha Rani Donepudi, Professor, EEE	The plagiarism percentage was below 10% and no ethical issues
3	DST-SRG	Design and Development of Highly Resilient Fault Tolerant DC-AC Converter for Photovoltaic Applications	PI: Dr. Anilkumar Chappa Associate Professor/EEE	The plagiarism percentage was below 10% and no ethical issues
4	DST-SRG	Design, Development and Demonstration of an Integrated Solar Sewage Treatment Plant with a Smart Monitoring System for Tadepalligudem Municipality in Andhra Pradesh	PI: Dr. Subbarama Kousik Suraparaju Assistant Professor, ME Department	The plagiarism percentage was below 10% and no ethical issues
5	DST-SERB-CRG	Design and Development of IoT based Clean Water and Hydrogen Generation through Solar Desalination and Biogas	PI: Dr. RaviKiran Sastry G, Professor, Department of Mechanical Engineering, NITAP	The plagiarism percentage was below 10% and no ethical issues

			<p>Co- PI: Dr.G.V.N.S.R.Ratnakara Rao, Professor, Department of Mechanical Engineering</p> <p>Co-PI: Dr. Sendhil Natarajan Associate Professor and Dean (R&amp;C), Department of Mechanical Engineering, NIT Puducherry.</p>	
6	DST –SERB-CRG	Design, Development and Demonstration of prosthetics for hip joint using Bio-materials	<p>PI: Dr. Venkata Ramesh Mamilla, Professor, Department of Mechanical Engineering.</p> <p>Co- PI: Dr. Thella Babu Rao Assistant Professor, Department of Mechanical Engineering, NITAP</p> <p>Co-PI: Dr. K.Dorathi Associate Professor, Department of Mechanical Engineering.</p>	The plagiarism percentage was below 10% and no ethical issues
7	DST –SERB-CRG	Deep Learning Based RF Energy Harvesting system for wireless applications	<p>PI Dr.T V N L Aswini Associate Professor/ ECE</p> <p>Co- PI 1.Dr.E.Kusuma Kumari Professor&amp;Head/ECE</p> <p>2.Dr. Purnima K Sharma Professor/ECE</p>	The plagiarism percentage was below 10% and no ethical issues

- The Committee Approved the Project Proposals in view of Research Ethical practices and Plagiarism.
- The committee decided to conduct awareness/workshops on research ethical practices.