



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.



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/ 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

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.



SRI VASAVI ENGINEERING COLLEGE

(Sponsored by Sri Vasavi Educational Society; Regd.No:898/2000)

[Accredited by NAAC with 'A' Grade]

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
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.

Dean R & D



SRI VASAVI ENGINEERING COLLEGE

(Sponsored by Sri Vasavi Educational Society, Regd.No:898/2000)

[Accredited by NAAC with 'A' Grade]

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
Pedatadepalli, TADEPALLIGUDEM – 534 101, W.G. Dist, (A.P.)

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.

Dean R & D



SRI VASAVI ENGINEERING COLLEGE

(Sponsored by Sri Vasavi Educational Society, Regd.No:898/2000)

[Accredited by NAAC with 'A' Grade]

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
Pedatadepalli, TADEPALLIGUDEM - 534 101, W.G. Dist, (A.P.)

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 | PI Dr.V.S.Naresh Dean R&D and Professor/CSE Co-PI 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.

Dean R & D

**SRI VASAVI ENGINEERING COLLEGE**

(Sponsored by Sri Vasavi Educational Society; Regd.No:898/2000)

[Accredited by NAAC with 'A' Grade]

Approved by AICTE, New Delhi and Permanently Affiliated to JNTUK, Kakinada
Pedatadepalli, 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&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&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.


Dean R & D