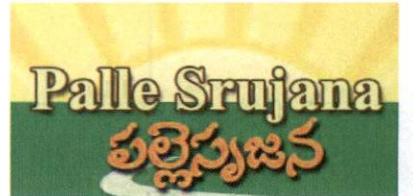


MR COLLEGE OF ENGINEERING & TECHNOLOGY

An Autonomous Institution with NAAC Accredited (A-Grade)

*Accredited by NBA *Approved by AICTE *permanently affiliated by JNTUH
Kandlakoya, Medchal Road, Hyderabad-501401

MEMORANDUM OF UNDERSTANDING





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1. About CMR College of Engineering & Technology (CMRCET)

CMR College of Engineering & Technology (CMRCET) is sponsored by MGR Educational society, which was established in 2002. The college is located in 10 acres of serene environment which is lush green and free of pollution. All B. Tech programmes are accredited by NBA. A UGC Autonomous institute, it aims to be a premier academic institution striving continuously for excellence in technical education, research and technological service to the nation.

2. About PALLE SRUJANA

Palle Srujana is a voluntary organization works for aiding and promoting creativity at Grassroots level in the State of Andhra Pradesh. It pursues the mission of National Innovation Foundation –India (NIF-India) in the state of Andhra Pradesh as part of nationwide Honeybee network. We Scout across the rural parts (knowledge hubs) of Andhra Pradesh for knowledge and innovations. We document the knowledge acquired through scouting with sufficient recognition to the knowledge provider. The Grassroots innovations will be promoted and provided support for validation and reengineering. PalleSrujana also helps the innovators to get their technologies patented and take them to national and international level of recognition. The rural knowledge is disseminated horizontally, from land to land and village to village through Shodha Yatra, magazines in local language, participating in various farmers' meet etc.

PURPOSE

Nature provides abundant knowledge and those who live in nature absorb it easily. They leverage such knowledge for their livelihood and for the benefit of human comfort, improve the quality of life, preserve biodiversity, and above all maintain harmony with nature. This is the most appropriate way of life.



25/01/19

J. Srujana



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While knowledge of nature brings in practices that over the period of time become traditional and time tested, there is abundant creativity in villages to find solutions to their problems. These solutions are simple and affordable. They are generally made of local available resources. Such creative solutions are sustainable and user friendly.

OPERATING FRAMEWORK

Since 2005 November, Palle Srujana has been making inroads into the village creative arena and grown humbly with the voluntary assistance of hundreds of people from the Andhra Pradesh. To focus on the spectrum of activity undertaken by Palle Srujana, small operational framework has been developed.

3.Objective of Memorandum of Understanding (MOU)

Engineering Projects in Community Service (EPICS) in CMRCET empower students to work with local service organizations to apply technical knowledge to implement solutions for a community's unique challenges. In this way, EPICS in CMRCET not only assists communities in achieving their specific local community improvement goals but also encourages students to pursue engineering for community improvement as a career.

The EPICS in CMRCET program connects engineering with community service in four categories of community improvement effort:

- *Access and Abilities*—By bringing together student branches at universities, secondary students and non-profit organizations, there is a greater ability to solve accessibility issues within communities. As students learn to help their community or country through engineering projects, non-profit organizations establish themselves in order to maintain new and profound change.
- *Education and Outreach*—EPICS in CMRCET strives to help young students to discover the benefits of science, math, technology and engineering for their futures. Many projects



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give students hands-on experiences in order to stimulate their interests in those fields. Through these EPICS in CMRCET projects, communities and schools lacking in strong engineering programs gain new curriculums along with new facilities in which to explore new areas of the topic.

- *Environment*—Engineering and science are key solutions to answering environmental issues. In communities in every region around the world, environments change with the evolution of technology and the need for sustainability.
- *Human Services*—Through their experiences in Human Services EPICS in CMRCET projects, students find connections between engineering and the tremendous scope of community needs globally. This includes homelessness prevention, affordable housing, family and children agencies, neighborhood revitalization and local government.

4. Institutional Commitment

- Institutional commitment and administrative support:* Commitment of the Institution and administration to enable the development of the EPICS program, and a commitment to sustaining it.
- Appropriate teacher and administrative leadership:* Teachers who are committed to the EPICS program and are appropriately placed in the institution are vital components for a successful program.
- Support systems to assist in the community contacts:* Companies, university departments, or support services that can assist with local community contacts facilitate the identification of community projects.
- Institution will carry out the activities, which are specific to Palle Srujana, as per details given below:



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- i) Students will carry out Community Based Projects provided by Palle Srujana. The projects could be an upgradation or a modification of an existing projects or a new project.
- ii) Promotion of Grassroots Innovations. These activity will be conducted once in a year in the form of an exhibition / science fair.
- iii) Participation in ShodhYatra- The faculty and students will participate in ShodhYatra, at least twice in a year.
- iv) Scouting for Innovation- During the summer vacation, the students belonging to EPICS will visit villages adjoining to their home town/village and collect ideas from the farmers and villagers. These ideas can form the basis of projects which they like to undertake as part of Community based Projects. Further, this activity will help in identifying new innovations.
- v) Scouting for Ideas(Children Ideas under IGNITE Program) - Faculty and students will reach as many as schools as possible to collect ideas from school children. The schedule of visit will be normally during the summer vacation or as per dates announced by Palle Srujana.
- vi) Subscription for Palle Srujana magazine.
- vii) Institute may provide incubation facility for the Grassroots startup as and when facilities are ready as per the terms and conditions laid out by the institute.
- viii) Any other activities which will be beneficial to Community at large.

5. Commitment of Community Partner

- a) Meeting with the students two times each semester



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- b) Willingness to work with the student teams to identify projects, specify requirements, and provide ongoing critical feedback.
- c) Palle Srujana will conduct an Ideation Day once in a year in the college and select creative ideas which can be taken up as projects by students.
- d) Scouting of Ideas- During the summer vacation students will be guided for the visit of villages adjoining to PalleSrujana and collect ideas for the farmers and villagers. These ideas can form the basis of projects which they like to undertake as part of Community based Projects. Further, this activity will help in identifying new innovations.
- e) Participation in ShodhYatra- PalleSrujana Volunteers will facilitate CMRCET participants in ShodhYatra.
- f) PalleSrujana as community partner will provide **Internship** to students.
- g) PalleSrujana will help in **patenting** the innovative ideas/projects as part of community based activity.



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MEMORANDUM OF UNDERSTANDING

The general objective of this Memorandum of Understanding (MOU) is to stimulate and facilitate the development of collaborative and mutually beneficial programs which serve to enhance the intellectual life and cultural development on both organizations. Thus, Palle Srujana and CMR College of Engineering & Technology have agreed that in support of their mutual interests in the field of Grassroots Innovations:

The MOU states that the two organizations will honor the agreement by:

Promoting interaction between Palle Srujana and CMR College of Engineering & Technology in mutually beneficial areas of..

- Sharing knowledge and capability in the concern areas for mutual benefits and become trusted partners in the area of knowledge enrichment and community development.
- Facilitate work from CMR College of Engineering & Technology students/ faculties and vice versa on projects identified by providing internships.
- To collaborate, share information and technology to develop the required skills.
- To offer internship for student projects which provides the greatest benefit to the community are given priority. Expected duration of Short term projects (one semester to one year) and long-term (multi-year) projects.
- To support the institute in following activities
 - Capability development of the students.
 - Publication, Product and Patent.
 - Workshops, Conclave, seminars, Events.

The Memorandum signed will be the guiding document for both the parties for execution of the actions and initiatives in the near future. Both the organizations will encourage its members to



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define the overall strategy and roadmap to carry out the action points contained in it and report on the progress achieved at regular intervals.

This agreement will take effect from the date of its signing and shall be valid for a period of three years from that date unless sooner terminated, revoked or modified by mutual written agreement between Parties, and may be extended by mutual written agreement.

Either party may terminate the Agreement at any time during the term by the provision of three months written notice to the other party.

**FOR CMR COLLEGE OF
ENGINEERING & TECHNOLOGY**

FOR PALLE SRUJANA

Name: Mason Dr. V. A. Narayana

Name: Prof. K. L. Chugh

Title: Prof. of CBE & Principal

Title: Volunteer Palle Srjuna

Date: 25 Jan 2019

Date: 25-01-2019

Sign:  25/01/19

Sign: 