

## **IUCEE-EPICS(Purdue University) Partner Institution:**

The IUCEE-EPICS Partnership (Engineering Projects in Community Service) has been launched in partnership with Purdue University in 2016.

EPICS is an academic program in which teams of Purdue students partner with local not-for-profit community organizations to provide technology solutions. This is a long-term partnership, which allows for more significant projects that may take 2 or more semesters to complete. EPICS projects are intended to solve real problems, and are defined in consultation with project partners from not-for-profit community organizations.

College Consortium Member of Indo Universal Collaboration for Engineering Education (IUCEE) Engineering Projects in Community Services (EPICS). Students are doing the projects related to community problems. 24 Faculty members successfully done IUCEE EPICS Design Thinking Course conducted by Purdue University, USA and working on EPICS Projects

### Benefits of participating in EPICS

- *Gain design experience of real systems*
- *Develop teamwork & communication skills*
- *Gain project planning & leadership experience*
- *Develop customer-awareness*
- *Gain understanding of ethical, economic, & legal issues*
- *Get involved in the community*
- *Have something to talk about in interviews!*
- *Make a difference!*



Prof. Bill Oakes of Purdue University, along with the IUCEE team, personally visits the IUCEE-EPICS institutions several times a year. They also conduct weekly webinars for the college faculty and students. This includes a formal course in Design Thinking for faculty from these colleges, and mentoring for faculty and students working on EPICS projects. Participating faculty and students receive formal certificates from EPICS program at Purdue University upon satisfactory completion of projects.

Engineering Projects in Community Services (EPICS) Program is started in association with Purdue University , USA to develop team work and communication skills , to gain Project Planning and leadership experience . Encourage students and faculty for innovation, idea generation and community related project development. Four Faculty certified in Design Thinking course offered by EPICS.

**IUCEE-EPICS Activities:**

<b>Sl.No</b>	<b>Event Description</b>	<b>No. of students Benefited</b>
1	Workshop on EPICS Program on Design Thinking by IUCEE-Purdue University	<b>150</b>
2	IUCEE-IEEE-EPICS Boot Camp	<b>250</b>
3	IEEE-EPICS Internal Projects Review	<b>50</b>
4	IEEE-EPICS Project Poster Presentation's first phase	<b>70</b>
5	IEEE-EPICS Project Poster Presentations second phase	<b>50</b>