



Best Practices

A.Y:2021-22

Details of two best practices successfully implemented by the institution.

Best Practice 1:

1. Title of the Practice: Development of innovative products

2. The Goal: To offer Community Service by developing innovative products

3. The context:

- Centre for collaboratory social innovation (CSI) design process includes modules like problem identification, specification development, conceptual design, detailed design, product delivery and maintenance.
- Students develop the products at different phases and formative assessment will be done after each phase of the design process and grades will be awarded as per the defined rubrics. After assessment, evaluation will be done.

4. The practice:

- Many Students presented their ideas during ‘CSI- Poster Presentation’ event. Students have actively involved in the interdisciplinary projects.
- They have identified the community partners as an end user of their products and visited nearby villages, farmers, hospitals, traffic police station, municipality, transportation departments and NGOs etc.
- Several Product Expos were organized and Students demonstrated their products and explained about the community partners. Dr D Laxmiah, Head of CSI visited the Expo and appreciated the students.
- Several MoUs were established and paper publications published in reputed journals and conferences

5. Evidence of success:

- Many innovative products are developed in different phases. Some of the products are Foot step power generation, Smart helmet, soil testing kit, smart urinal system etc.
- Centre for Design established to inculcate design thinking into minds of engineering students to enhance their creative and innovative skills. Various events like Product expo, workshops were organized and developed products like adjustable water tank cleaner, smart immersion water heater etc.

6. Problems Encountered:

- Not all students will get different innovative ideas.
- Various activities to be implemented requires pre-planning and also time consuming. Problem identification, specification development is a challenging task for every student.



Smart water tank cleaner (robot)
developed by Centre for Design team



Smart Rolling Bridge Prototype
developed by Centre for Design team



Soil Testing Kit (Artificial Rain System)



Smart Urinal system developed



Sri.R.Venkat Rao, Chairman Sri Indu Group of Institutions, giving suggestions to the students about the product developed under Centre for Design



SRI INDU INSTITUTE OF ENGINEERING AND TECHNOLOGY

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<https://siiet.ac.in/>

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Best Practice 2:

1. Title: Awards to the Toppers and Outstanding students

2. Goal: The main aim is to empower graduates for competing in the job market and to recognize, encourage and motivate the students for their hard work, achievements, and all round development.

3. The context:

- Every student needs an opportunity and every opportunity comes from the quality education; which revolves in every corner of the student's daily routine in a college. SIJET is striving to bring the change and one can find the different colors in the hands of students in its space.
- Especially giving text books which are useful for their career based on their merit by teachers is important and it encourages and supports the students. They lead to improved outcomes for students

2. The practice:

- SIJET follows a dedicated academic practice over the years of giving text books for the distinction students achieved in their own subjects in every semester. The head of the department or senior faculty presents the text book belonging to their current semester.
- Awards were given to the toppers on Graduation day every year in various disciplines based on their merit and contribution during their 4 years of study. Also award was given to the best outgoing student of SIJET to recognize, motivate and encourage them considering factors like academics, co-curricular and extracurricular activities for their all round development.

3. Evidence of Success:

- Few glimpses are shown below

4. Problems Encountered and Resources Required:

- Time limitation and organizing is a challenge. Sometimes students may be less in no. and sometimes more in no. It is a challenging task to the faculty.



Department Toppers are receiving the presenting award from Chief Guest.

సాక్షి

ఉత్తమ ఇంజనీర్లుగా ఎదగాలి



గ్రాడ్యుయేషన్ పట్టాలు పుచ్చుకున్న విద్యార్థులు

శ్రీ ఇందు విద్యాసంస్థల చైర్మన్ రంగినేని వెంకటరావు

ఇజ్రాహీంపట్టు: ఓటిక్ విద్యార్థులు ఉత్తమ ఇంజనీర్లుగా ఎదగాలి శ్రీ ఇందు విద్యాసంస్థల చైర్మన్ రంగినేని వెంకటరావు అన్నారు. శీరిగూడ సమీపం లోని శ్రీ ఇందు ఇంజనీరింగ్ కళాశాలలో పట్టాభిషేకం దినోత్సవాన్ని శనివారం నిర్వహించారు. ఈ సంద

ర్భంగా అయిన మాట్లాడుతూ శాస్త్ర సాంకేతిక పరిజ్ఞానానికి అనుబంధంగా ప్రైవేట్ ల్యాండ్ సెంటర్ లో చాలా వ్యాధులు, పట్టాభిషేకం ఇంజనీరింగ్ విద్యార్థులంతా సామాజిక స్పృహతో చేసానికి సేవ చేసి ఉత్తమ స్ట్రీటులో రాజంబాబు సూరించారు. ఏసీఐ ఉమా మహేశ్వరావు, విద్యాసంస్థల సెక్రటరీ అనూప చక్రవర్తి, ఓటిక్ డా. రామకృష్ణ, ప్రెసిడెంట్ సత్యనారాయణ, చైర్మన్ యాదగిరిరావు తదితరులు పాల్గొన్నారు.



News Paper statement



Extracurricular activities for their all round development