

## Best Practices 2017-2018

### Title of practices

- Improve student learning:

The activities include IIT/NIT or in parent institute; Induction Training , GATE preparation classes, career counselling, student counselling, Psychometric/Diagnostic Test, Remedial classes, Peer learning, student visits to IIT & R&D organizations, GATE registration fee(only for final year students), Institutional memberships for professional societies eg. IEEE, ACM, IETE, CSI, Automotive Engineering, ISTE, IE(I), ASCE, ASME for student chapters

- Graduates employability :

The activities include start up activity soft skill training (Industry Readiness), finishing schools etc.)

- Community Related Activity:-

The activity includes awareness on social issues through cycle/bike rallies. Collecting clean & good quality unused dresses and distributing the same in an organized manner. Create awareness among the homemakers within the campus to make them self reliant through skill development. Inputs from student pertaining to social challenges experienced in their locality.

- Environmental related Activities

The activity includes Cleaning of all water bodies, wells & generating quality reports. Identifying beaches & carrying out organized cleaning & creating awareness among people. Making bags out of used clothes & write slogan related to environment. To study & prepare garbage disposal plan. To educate people about how to handle e-waste.

- Research and Development

The activities are conducting of seminars/workshops for UG/PG/Ph.D students within or outside institute; spares and consumables for UG/PG student research project; Seed money for R&D for faculty research projects;publication in peer reviewed journals. Book/paper publication were also done.

## 2. Objective of the Practice

- As a part of improve student learning 03 days Induction Training is given to Resource faculty. One week Induction programme for 1<sup>st</sup> year students are also being conducted. Conduct of special workshop on ROBOTIC for students at DBRAIT. Study Tour to IITs/NIT/reputed Institute and Industries for selected students.
- Such kind of workshops makes new entrepreneurs and is good for the overall development of the country.
- Community related activity teaches the children about their social responsibility. It gives some awareness about the social challenges faced by people around them. It makes them capable to fight against those challenges and helps them to become a more responsible citizen. Students visits the homes of disadvantaged group & identify their requirements and provide short term remedial classes/counseling. Students are also asked to visit hospital & identify those patients who do not have anyone to support & see how you can support them at least for few weeks.
- Paper published on performance Evaluation of 5MW Grid Connected Solar Photovoltaic Power Plant Established in A&N Islands.
- 01 Assistant Professor, ECE, appointed on contract basis through NPIU.

## 3. The Context

## 4. The Practice

- Small workshops on Basic structural analysis related to 'bridge engineering, conceptual design with examples, bridge loading and simple analysis' techniques and design of various types of bridges and other topics generate awareness among children and they come up with new ideas which are good for their overall development and for their better future.

- The students will be able to get an opportunity to listen Expert Lecture on Leadership, skills, Managerial skills, Entrepreneurship skills, Communication skills etc.

### 5. Evidence of Success

- As a part of in-house workshop and training many faculty /staff were deputed to mainland reputed institute for training. As such, 06 Research Proposal/Consultancy proposal have been submitted to various organization including DST and A&N Administration. One consultancy work has been awarded while few research proposals are in the award stage.
- As a part of community related activity there is a system of contribution of Rs.1,00,000/- in LG's Relief Fund every year by students & staff.

### 6. Problems encountered and Resources Required

Recruitment rule for Degree

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