



Ref: EPCET/IPW/01/2022

## **Efforts to encourage students to take-up internship and project work in Indian knowledge system related Areas/Topics/Disaster Management**

The final year students of the East Point College of Engineering and Technology are encouraged to take up internships and project work in the actual world. Internships and project work is a form of work-based learning and is one of the most influential ideas shaping research, policymaking and educational practice. The students are engaged in the following topics for their project work and internships.

### **Water conservation**

Students are taking up projects and internships in water saving devices such as pressure regulating valves, shower head, irrigation systems such as sprinklers.

### **Novel materials**

New Construction sustainable materials are explored which can be used for the industry.

### **Solid waste management**

Students are taking up projects in solid waste management which is a huge global issue. For ex: Mapping of solid waste dumpsite in around Bangalore using GIS., use of waste plastic unpaved roads for rural roads and comparison with normal bituminous roads which was selected for KCST

### **Flood management**

Flood management is another area where project work is taken up. For ex: watershed study for flood mitigation using arc GIS: A case study of Belagavi region, Karnataka which was selected for KCST.

### **Earthquake / wind**

Students are encouraged to explore the effect of earthquake and wind forces on the structure and study its effects on the structure. The students are made aware of the latest Indian Codal Practices.

Coordinator-Internship/Project

Principal

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