

## Matter

### **Innovation Proposals are Invited from Students of IEST, Shibpur under 'Alpona Banerjee Memorial Endowment Funding Scheme' in collaboration with TCGTBI and IIC 5.0, IEST, Shibpur**

Students of IEST, Shibpur are invited to come up with innovative solutions to some real-life problems.

Students may select problems from the non-exhaustive list<sup>#</sup> appended below:

a)	Synchronized Clock for the Institute	h)	Furniture Re-cycling
b)	FM Radio dedicated for IEST, Shibpur	i)	Surveillance system based on Drones
c)	Signalling & Speed-monitoring system for the Campus	j)	Sound-less smart grass cutters run by electricity
d)	System for water quality monitoring	k)	Dehumidifiers for storage cabinets
e)	Developing an Intranet for IEST, Shibpur	l)	Management of Waste including e-waste
f)	Routine generation system	m)	System for monitoring electricity wastage
g)	Webpage for Innovation	n)	Smart stick for visually impaired persons

<sup>#</sup>The students may select any other problem not included in the list

**Eligibility Criteria:** All UG & PG (excluding final year) students of IEST, Shibpur

#### **Format for Submission of Innovation Proposals**

**Title of the Proposal:**

**Names & Contact details of Team Leader & Team Members:**

**Name of the Faculty Mentor:**

**Objective:**

**Proposed Methodology:**

**Work Plan with Time-line** (in bar chart):

**Deliverables:**

**Requirements:**

**Proposed Budget** (not exceeding Rs. 50,000/-):

#### **Kindly Note the following:**

- Duration of the Project is 1 (one) year. Quarterly monitoring of the progress of work will be done.
- One permanent faculty member can mentor only one proposal. Once the proposal is selected for the support, the consent of faculty member is required to be submitted in the prescribed format (consent form will be given). However, the students need to submit an email consent of the mentor at the time of application.
- Interested students are requested to submit their proposals in the prescribed format to [innovation@faculty.iests.ac.in](mailto:innovation@faculty.iests.ac.in) by **31st December 2022**. A group should be constituted by not exceeding 3 students.
- Interview/interaction for Selection of Proposals would be done tentatively on **12.01.2023** & **13.01.2023**

*Sanjay Deb Mallick Datta*  
13/12/2022