

Proposal for announcing seat under the Institute Internship Program

(separate form to be filled for seat under Institute funding and project funding)

1. Name of faculty member proposing: Kapil Pareek
2. Department/Centre: CEE
3. Topic on which work is proposed: Development of web/app for a potentiostat for battery
4. Preferred period of internship (after May 20th): Between 20-05-2024 to 19-07-2024
5. Qualification of student (branch/semester of study): BTech CS/EE/ECE
6. Brief description of work (300-500 words):

We have developed a portable potentiostat that work on serial port. The developed machine is under process of few modifications to improve its functionality. The machine is required to make fully functional GUI that can be operated by a web/app. The work required programming work and experimental work on circuit design and component assembly.


7. Expected learning of student (upto 100 words):

The student is expected to learn about GUI development, data analysis, data visualization, circuit design, component assembly and troubleshooting.

8. Nature of work: (Experimental/simulation/mathematical modelling/data collection-analysis etc.): upto 50 words

Experimental and programming

9. If the seat is under project sponsored category: ~~Yes~~/No
 - a) If yes, number of seats announced: NA
 - b) Name and ID no. of project from which stipend is chargeable: NA


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Signature of faculty member

Name of department/Centre

Note:

- a) Proposing faculty member needs to be available at the Institute during the period internship is offered
- b) No extra space or funding than the stipend will be provided by the institute for this purpose