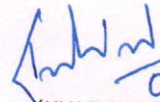


Proposal for announcing seat under the Institute Internship Program

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

1. Name of faculty member proposing:  
Dr. Kuldeep Singh
2. Department/Centre:  
Department of ECE
3. Topic on which work is proposed:  
AI/ML in Healthcare
4. Preferred period of internship (after May 20<sup>th</sup>):  
Between 20/05/2024 to 20/07/2024
5. Qualification of student (branch/semester of study):  
BTech (Pursuing, completed IV semesters) in ECE or Computer Science related branch
6. Brief description of work (300-500 words):  
The project is related to the Prototype Development of AI-Based Microscopic Identification of Blood Protozoa in Animal Blood. The work involves data collection, data labeling, and AI model development for healthcare applications. The work will require programming in Python and web development.
7. Expected learning of student (upto 100 words):  
The student will get hands-on experience on python language and AI model development for healthcare applications. This internship will enhance the research and development aptitude of the student.
8. Nature of work: (Experimental/simulation/mathematical modelling/data collection-analysis etc.): upto 50 words  
Experimental, Data Collection and analysis
9. If the seat is under project sponsored category: No
  - a) If yes, number of seats announced: NA
  - b) Name and ID no. of project from which stipend is chargeable: NA

297/ECE  
7/5/24  
DR (Academics)

  
07/05/24  
(KULDEEP SINGH)

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

