

Department of Mechanical Engineering
Katihar Engineering College, Katihar-854109

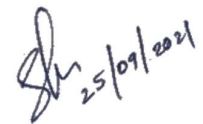
Notice

Date: 25-09-2021

This to inform to all the VII semester students that a project termed as "PROJECT-I" needs to be completed in the coming VII semester and the same work can be continued as "PROJECT-II" in the VIII semester. A group of students will be working independently under the guidance of a faculty member.

Following are the steps and rules for forming a group and selecting a supervisor.

1. The project to be completed in VII semester and VIII semester will be known as **"PROJECT-I"** and **"PROJECT-II"** respectively.
2. In the combined form both the projects will be known as **B.Tech Project (BTP-2022)**.
3. There will be maximum 12 project groups among 38 students. **Out of 12 groups, 10 groups will have exactly 3 members and 2 groups will have 4 members each.**
4. Students have to finalize members of a group by themselves. As these projects are student centric, select the members in a way which would help the group to achieve the objectives of research work.
5. Faculty who will mentor the project group towards completion of their project will be known as **"SUPERVISOR"**.
6. Supervisor will keep the attendance record of their group.
7. Faculty who will oversee the project allotment, compilation of data, and other related activities will be known as **"Project Coordinator"**.
8. Group of all the departmental faculties who will draft the norms and do the evaluation of the project will be known as **"BTP Committee"**.
9. During internal evaluation of the project-I/Project-II, **50 % marks will be evaluated by Supervisor and a 50 % marks will be evaluated by the BTP Committee.**
10. After finalization of group, fill the form no. 1 (attached) clearly mentioning your idea or concept in which your group wants to work.
11. After finalization of group and probable topic, select the faculty from the list under whose mentorship group wants to work.
12. After receiving requests from different students group, faculty can select only 2 groups.
13. After selecting the faculty, get the consent from the selected supervisor and submit the signed form no. 1 at the earliest to the **project-I coordinator and one copy to your supervisor.**
14. List of faculties with their brief research areas has been attached with this notice.
15. **Allotment of supervisor for the BTP-2022 will be released by 05-10-2021.**
16. Any change/medication in rules will be notified.

Handwritten signature and date: 25/09/2021

Project-1 Co-Ordinator
Dept. of Mech. Engg.

Research areas of departmental faculties

S. No.	Faculty Name	Broad Specialization	Specific Research Areas	Your Proposed Research Topic (if any)	Any specific requirements/ restrictions for the prospective BTP students.
1	Mr. Jayant Kumar	Manufacturing Sciences, Product Design and Development	Processing and characterization of Advance material	NA	NA
2	Dr. Arbind Prasad	Design, Robotics, Manufacturing Sciences, CAD & CAM	Design and Fabrication, Optimization, Research study, Manufacturing Experimental investigations.	1.3D printing optimization and study 2.Additive Manufacturing research 3.CNC Machining optimization and testing 4.Agricultural related Mechanism and Machines 5.Polymer composite Fabrication and characterization for advance applications 6.Multipurpose convenient Machines for easy doing work	1.Must have Laptop 2.Knows any modeling software such as Ansys, Catia, ProE, solidworks etc.
3	Mr. Suman Kumar	Thermal & Fluid Sciences, Renewable Energy	1) Power Plant 2) Renewal Energy	NA	Should be handy in any design software and excel
4	Mr. Kanchan Kumar Sinha	Design	Vibratory effects on humans and its reductions	NA	he should have interest in vibrations
5	Mr. Ajay Kumar	Design, Manufacturing Sciences	Composite material, product design and development, Natural fiber extraction	Primary and secondary processing of composite materials.	NA
6	Dr. Surya Kumar	Thermal & Fluid Sciences, Renewable Energy	Experimental & numerical analysis of heat conducting equipments/phenomenons	NA	Project members should have laptop

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Form No. 01

Project Group No.

Total number of students in the group:

Probable Topic/Area in which group wants to work:

Supervisor's Name:

Sl. No.	Name of Student (In Capital Letters)	Registration Number	E-Mail ID (In Capital Letters)	Mobile No.	Do you have Laptop? (Write Yes or NO)	Knowledge of Software (Write CATIA, ProE, AutoCAD, Solid Works, Ansys, C, C++, Matlab, Audrino, etc.)	Signature of Student
1							
2							
3							
4							

Consent of Supervisor: YES/NO

Signature of Supervisor

Note: **Project Group No.** will be allotted by the project coordinator