

### PROCESS OF MINOR & MAJOR PROJECT ALLOCATION

Announcement of List of Projects being offered under each faculty.

STUDENTS ARE ALSO ENCOURAGED TO PROPOSE THEIR OWN TOPICS ALONG WITH THE LIST CIRCULATED & DISCUSS THE SAME WITH THE FIELD SPECIALIZED FACULTY

Link of Google form circulated amongst students to submit the preference of projects (minimum 2).

Faculty submits the approved group members under him/her to the project coordinator.

FACULTIES ARE ENCOURAGED TO PROMOTE THE INNOVATIVE IDEAS PROPOSED BY THE STUDENTS WHILE FINALIZING THE GROUPS UNDER THEIR MENTORSHIP

Project Coordination Committee Headed by HOD decides the final project allotment. (Exceptional cases are discussed and ratified by coordination with faculty members at this stage)

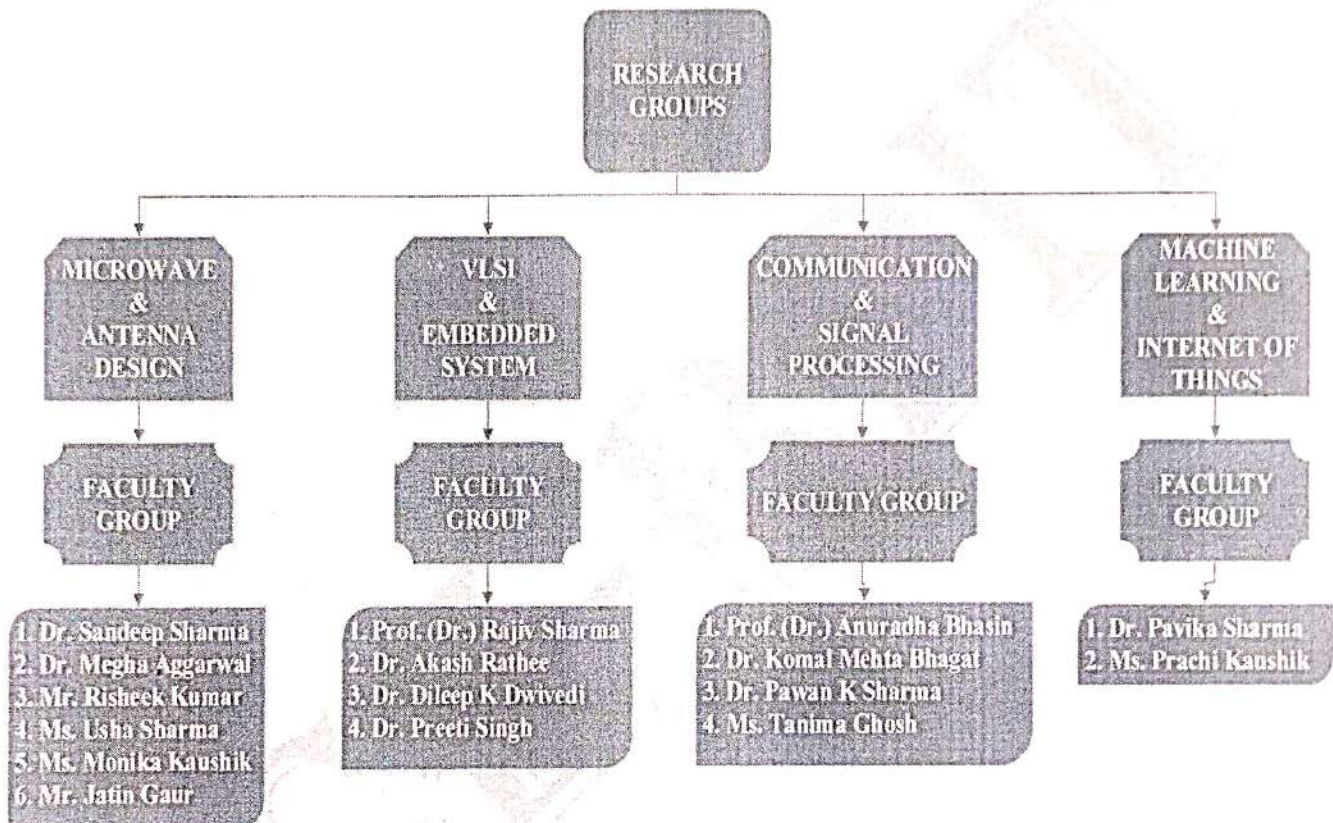
*Rajiv Sharma*

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**ELECTRONICS & COMMUNICATION ENGINEERING DEPARTMENT****RESEARCH GROUPS OF THE DEPARTMENT**

Following are the research groups available in the department and students are encouraged to contact faculties according to the field of interest.





**OVERVIEW OF PROCESS FOLLOWED FOR PROJECT ALLOTMENT**

1. Head of the Department shares a link to a Google Form to all faculty members requesting them to submit the list of possible projects they wish to take up during the academic period. There is an upper limit to the number of students (8-12) allotted to each faculty.
2. Department Project Coordinator announces the list of projects. Students are encouraged to meet (in person or online) faculty members who have announced projects in their specialization. Faculties conduct offline/online sessions for briefing students on the projects they have offered.
3. A link to a Google form for indicating project preferences is sent to all students. Students should submit their preferences form by given deadline. Students are required to give a list of at least TWO faculty members (in order of preference). Students must inform, in advance, each of the faculty members on their list, of their intention to list them as a preferred guide. Here students are allowed to make their project group with a maximum of 4 members.
4. A link to a Google form for indicating student preferences is shared with all faculty members. Those who are interested in taking students, fill and submit this form by the given deadline.
5. Students are allotted guides based on the preference lists given by faculty and students as per the project allocation methodology. Although maximum efforts are made to satisfy the interests of faculty and students, the best possible match between students and projects is not be guaranteed.
6. The Project Coordination Committee prepares a tentative list of matchings by the given deadline. The HOD, ECE Dept, convenes a faculty meeting subsequently to ratify the allotments and to decide on situations that require special considerations.
7. The final project allotments are announced. The decision of the faculty meeting will be binding on all students and faculty participating in the procedure.

**PROJECT (MINOR/MAJOR) ALLOTMENT METHODOLOGY****ROUND 1**

- Step 1: Randomly pick a student project group and assign group number e.g. Group G1.
- Step 2:
  - Look up the faculty member listed as the student group's first preference. If the student group appears on top of that faculty member's list, the match is made. In this case, mark the student group as "ALLOCATED".
  - If a faculty member gets ONE student group, at any stage of Round 1, (s)he goes out of further contention in this round.
  - In the event that the faculty member who is the student group's first preference has not listed the student group at all, the student's second preference is upgraded to become his/her first preference. This upgradation is also done in the event that the student's first preference has already gone out of contention in Round 1. In all other cases, the student goes back into the stack.
  - Whenever an upgradation happens, a match as in Step 2 is attempted. If a match is made, mark the student group as "ALLOCATED".
  - Round 1 is kept operational until either all students are marked as "ALLOCATED" or the allotment process reaches a deadlock.

**ROUND 2**

- In this round, all faculty members who have offered projects are brought back in contention, including those who were allocated students in Round 1 (provided that they seek more than one student group).
- Faculty and student preference lists are updated as follows. Students allocated in Round 1 are removed from all faculty members' lists. Students unallocated in Round 1 have their faculty preference lists restored to their initial states, as they were at the beginning of Round 1.
- A matching procedure as in Round 1 is executed, this time allowing each faculty member to be allocated a combined total (over Rounds 1 and 2) of TWO student groups.
- Round 2 is kept operational until either all students are marked as "ALLOCATED" or the allotment process reaches a deadlock.

**ROUND 3**

- In Round 3, a best effort will be made to allocate students to those faculty members who have offered a project, but who were not allocated any students in Rounds 1 and 2. This will be done solely on the basis of the lists provided by the students and faculty.
- In this round, a match will be made between a faculty member and a student ONLY IF each appears on the other's list. Faculty can write "ANY STUDENT" in their list to maximize their chances of being allocated a student.

**ROUND 4**

- If, at the end of Rounds 1-3, there are any unallocated students still left, they will be encouraged to talk to faculty members to find a suitable project guide. The allocation of projects in these cases are finally at the discretion of the HOD ECE, based on a mutual understanding between the concerned students and faculty.

**PROJECT COORDINATION COMMITTEE**

S.NO.	NAME	MEMBER DETAIL	EMAIL-ID
1	Prof. (Dr.) RAJIV SHARMA	CHAIRPERSON	hodece@bpitindia.com
2	Dr. SANDEEP SHARMA	PROJECT COORDINATOR	sandeepsharma@bpitindia.com
3	Mr. RISHEEK KUMAR	PROJECT COORDINATOR	risheekkumar@bpitindia.com

*Rajiv Sharma*

*RS*

*cb*

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