



PhD Orientation

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Your PhD Journey

- Course work (2 to 4 semesters)
 - Requirements depend on your background
- Qualifier + Finding a guide
- Form Research Progress Committee (RPC)
- Give annual progress seminars (APS)
- Do research, publish at least 2 good papers
 - Set yourself a high bar, aim to do good work
- Pre-synopsis, thesis submission, defense!

Course Requirements

Background	Min # CS Courses (\geq 6 credits)	Max Period (starting entry)
\geq PG (CSE)	4 PG courses	2 semesters
= UG (CSE)	44 credits, including 5 PG courses	2 semesters
$<$ UG (CSE)	6 UG, 5 PG courses (one UG course can be R&D project)	4 semesters

Note: Minimum 3 courses (18 credits) in first semester

Note: The above UG/PG course requirements exclude seminars and R&D projects

PhD Qualifier

- Obtain minimum CPI of 7.5 on the specified number of courses, completed within stipulated time
- Seminar with BB or higher (up to 2 attempts are allowed)
- Communication skills course passed
- A coherent research proposal
- **A faculty member willing to guide you**

Which courses should I take?

- Useful courses in your area of interest (depth)
 - Courses offered by the faculty/group you wish to work with
- Some good broad CS courses (breadth)
- Do not take “easy” courses just to meet CPI requirements

How to find a guide?

- Figure out your area of interest
- Take courses in the area of interest
 - Especially with faculty you wish to work with
- Talk to professors outside of class
- Talk to existing students
- Attend seminars, group meetings, paper reading sessions, etc.
- **Be proactive!**

TA duties

- For 5 years, starting from your first semester
- TA allocation handled by MTech Facad
- Please treat your TA duties as an opportunity for learning, not as a burden

Role of PhD Facad

- Your point of contact in the department until you find a guide
 - Courses, seminar, qualifier
 - Sign off on APS until you find a guide
 - Requests for extensions, exceptions
 - Admin: leave, course add/drop
 - And anything else you may need in your first few years