



Roadmap for the Next Five Years (from 2017-18)

➤ Roadmap for Academic Excellence & Research Activity

1. To enhance knowledge and skills of faculty, staff and students by

- Undergoing SWAYAM / NPTEL or similar courses,
- Motivating faculty members for pursuing PhD
- Development of innovative laboratory experimental setup,
- Increase the number of Attending and organizing STTP, QIP, Workshops, Conferences, etc.

2. To enhance R&D capabilities by

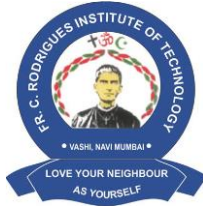
- Guiding the students to develop projects as per the requirement of industries / need, based on various categories like application, product, research, review etc
- Submitting research proposals to funding agencies,
- Development of innovative laboratory experimental setup with external funding,
- Organizing TPP, project competitions, etc.
- Increase the number of publications in reputed journal, conferences, etc

3. To enhance laboratory infrastructure & develop centre of excellence

- Open Source Lab
- Project lab - Basic Infrastructure
- Digital forensic Lab

➤ Roadmap for Increasing Industry Institute interaction

- To increase the number of MOUs
- To involve more industries in IAB meeting
- To increase the number of Industrial trainings / Internships
- To enhance FDPs on current trends



➤ **Roadmap for Overall Personal Development of Students**

1. To implement effectively Outcome Based Education model

- Student centric learning
- Project based learning
- Problem-based learning

2. To motivate for more participation in various hackathons

- Smart India Hackathon
- Maharashtra Hackathon
- Industry Hackathons

3. To enhance co-curricular activities at department level

- Industry experts talks
- Workshops on current trends
- Seminars on content beyond syllabus

➤ **Roadmap for Social & Environmental Responsibilities**

- To develop projects for NGOs / Schools / Police stations etc
- To have MoU with TISS etc. for conducting sessions related to issues in the society for awareness
- To enhance extra-curricular activities at department level to help society

➤ **Roadmap for Bringing Flexibility in the Academic System**

- To apply for NBA and NAAC accreditation
- To become autonomous under Mumbai University