



Agnel Charities'
**Fr. C. Rodrigues Institute of Technology,
Vashi, Navi-Mumbai**

Electrical Department Road Map for the Next Five Years from 2021-26

Goal

- **More Than 70% of faculty with PhD degree**
- **To get research funding from various funding agencies**
- **To improve industry-institute interaction through consultancy, need based projects, MoUs, training, internships etc.**
- **To get more number of patents in one or more areas**
- **To increase the technical paper publication in international journal and conferences that are indexed in Scopus & Web of Science.**
- **To motivate students to select need based project which will solve societal problem**
- **To encourage students to upgrade project to product development and motivate for start ups.**
- **To get 100% placement of eligible and interested students**
- **To develop a few more entrepreneurs**
- **To submit NBA and NAAC application according to the time frame and to support the institute for the autonomy model**
- **More engagement with alumni for technical support, internships, placements and as mentors.**
- **Develop a Centre of Excellence (COE) in emerging field of Electrical Engineering**



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Activities

To enhance knowledge and skill of faculty, staff and students by

- Organizing STTP/FDP in the emerging area of electrical engineering
- Organizing certification course for students in the emerging area of electrical engineering
- Motivating faculty and staff to attend training program and workshop in industry as well as in reputed organizations
- Motivating both faculty and students to complete SWAYAM/NPTEL courses
- Motivating faculty to develop both hardware and software skill by developing innovative experimental set ups
- Conducting expert talk to identify the need based project and its implementation process in the second year
- Organizing industrial visit every semester
- Motivating at least 75 % students to undergo internship in industry every semester
- Motivating faculty members for pursuing PhD
- Organizing program for students to become entrepreneur through CIBA

To enhance R&D capabilities by

- Motivating faculties to form R&D groups and work under the guidance of senior faculty
- Motivating faculties to Submit research proposals
- Motivating faculties to publish Technical paper in international journal and conferences that are indexed in Scopus & Web of Science.
- Motivating faculties to take up Consultancy project and involve in Technology development for industry
- Motivating faculties to file patent in one or more research area
- Bridging the gap between institute and industry by increasing industry interactions and getting more MOUs
- Uplifting a few labs to COE with the help of Industry



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To attain best grade in NBA and NAAC

- **Motivating faculty to complete teaching learning process with the true understanding of outcome based education concepts**
- **Motivating faculty to complete the documents as per the requirements within the specified time limit**

To utilize the experience/expertize of Alumni for

- **Conducting expert lecture both technical and non-technical on regular basis**
- **Arranging mock interviews for the short listed candidates for placement**
- **Arranging industrial visits, skill development program, internship etc**
- **Providing financial support to weaker students**
- **Providing funding for the technological developments for their interests**