Department of Electronics and Communication Engineering, GRIET
Goal Posts for 2015-2020

Goal 1

To be one of the best institutions offering technological education to suit the current societal needs while achieving the appropriate accreditation standards for working with the global institutions

- Review curriculum as per technological needs of society
- Recruit faculty of high caliber and promote professional excellence
- Review and update standards and methodologies to reach international standards

GOAL POSTS

Year I:
- Identify latest technological developments in the industry
- Map the technological improvements in the market with the courses and its syllabus
- Invite stake holders feedback on course structure and content

Year II:
- Promote deserving candidates to higher studies
- Recruit technically strong people to strengthen the core areas of the department for the promotion of teaching and research to higher standards

Year III:
- Conduct various In-house faculty development programs which are based on new developments and technological improvements.
- Arrange guest lecturers and seminars frequently
- Study the global accreditation standards

Year IV:
- Encourage starter to implement students innovative ideas to develop software/ Hardware products
- Increase the incubation centers to promote technical skills and developments
- Work for updation of the accreditation standards to comply to global standards

Year V:
- Promote Collaborations with Foreign Universities
- Invite Global Experts regularly from industry/institutions, to share their ideas/ knowledge to the students and faculty.
- Update the accreditation standards to comply to global standards

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Goal 2: To provide the student with equitable and affordable technical education the best quality

- Provide equal opportunities to students in a transparent manner
- Provide assistance to the deserving candidates
- Provide additional attention to the deserving candidates

GOAL POSTS

Year I:
- Enhance the mentoring process and put special attention to academically week students
- Conduct special sessions with the students and their parents for syllabus, subjects and carrier opportunities

Year II:
- Recommend the eligible students for financial assistance
- Provide necessary information to economically week students to get scholar ships from various governments and agencies

Year III:
- Arrange special lecturers to academically week students
- Provide assistance and mentor for students who prepare for national level competitive exams

Year IV:
- Conduct workshops on entrepreneur,managerial skills to deserving candidates
- Conduct various job skill development programs to deserving candidates

Year V:
- Prepare the students for lifelong learning process and encourage them for creative thinking

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Goal 3

To produce skilled engineering professionals to fulfill the technological requirements of the industry and society

- Updation of curriculum in keeping with current technology trends
- Introducing use of design tools in teaching practices
- Refining student-skills to be industry ready

GOAL POSTS

Year I:

- Transform the departmental library into a state of art technology information centre.Start technology update news letter
- Adopt use of computational software and design tools into teaching practices
- Track technology updates with the help of journals and online resources
- Select standard text books covering the updates for introduction into curriculum

Year II:

- Knowledge seekers to attend current technology/annual technology update seminars conducted by various product development/EDA tool design industries
- Conduct technology update seminars in the department to suit the updates
- Conduct of skill development workshops by industry/academic experts

Year III:

- Expose students to current technology trends through design tools, projects and design contests
- Acquaint students with design, development and presentation standards (Testing, documentation, publication and transformation to product)

Year IV:

- Industry collaborations for student projects
- Enhance curriculum to include full time student projects in final semester, including the industry internships

Year V:

- Create student project development facility to be transformed to a student technology innovation centre with guidance from senior professors/ industry professionals, provisions for design tools and demonstration/showcasing of projects/innovations.Start a student projects/innovations news letter
- Invite industry based projects for execution by faculty and student teams

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Goal 4

To enable the students to mature be responsible citizens through integrated character development with ethics, skills, leadership qualities and environmental awareness for the improvement of the society

- Provide appropriate time and facilities for healthy co-curricular and extracurricular activities
- Help the students to develop their value systems and balanced actions
- Inculcate a sense of responsibility and lifelong learning approach as a professional for sustainable development
- Emphasize the need and importance of development of the society

GOAL POSTS

Year I:
- Conduct Periodical academic/ co and extracurricular activities in the department
- Encourage more number of student participation in co-and extracurricular activities.
- Conduct Fauna and Fennel activities regularly

Year II:
- Train the students in moral and to sustain ethical values in their life to help the society
- Conduct various workshops and seminars to take the independent decisions and balanced actions in their life

Year III:
- Conduct social responsible activities like NSS, Swatcha Bharat programs etc… in the department and encourage the student participation

Year IV:
- Organize Clean Campus and Green Campus Programs Regularly
- Maintain Eco Friendly environment in department

Year V:
- Conduct workshops/awareness programs on Green Campus moments
- Conduct various competitions among the students on Environment to develop the awareness on social responsibility

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Goal 5:

To create professionals with research attitudes in all the core areas of engineering and management and to produce innovative solutions for development of the society

- Upgradation of R & D Facilities
- Exposure to current research and applications
- Active research in collaboration with industry
- Promotion of competence and rewarding excellence in research

GOAL POSTS

Year I:

- Establishment of Research lab with computing facility and development tools
- Establishment of test facilities with software and hardware implementations
- Guest lectures by industry/academic experts in relevant areas

Year II:

- Acquiring design toolsfordevelopment of microwave,antennas and software-defined radio
- Research proposals to funding agencies
- Guest lectures by industry/academic experts in relevant areas

Year III:

- Establishment ofresearch facilities for image processing applications
- Development of facilities for data acquisition systems and computer interfacing
- Research proposals to funding agencies
- Guest lectures by industry/academic experts in relevant areas

Year IV:

- Industry Interaction(to convert research outputs to products)
- Research proposals to funding agencies
- Guest lectures by industry/academic experts in relevant areas

Year V:

- Promoting research facilities to centers of excellence in each field of specialization
- Research proposals to funding agencies