

Mechanical Engineering Department DDC Minutes.

The Department Development Council members, during its meeting held on 20th December 2016 HOD cabin, have come to a consensus to focus upon the following critical areas to achieve all round development of the students of the department:

(i) Student progression, (ii) Laboratory up gradation, (iii) Research publications and Sponsored research projects, (iv) Student's placement activities, (v) Entrepreneurship development initiatives, (vi) Alumni relationship management.

Following are the activities/initiatives to be taken in the abovementioned critical focus areas, in different planning horizons (viz. Short/ medium/ long term), as agreed upon by the Department Development Committee members during its abovementioned meeting.

1. Short term goals (1 year):

- a) Ensuring progression of students through a combined strategy of counselling, course delivery, monitoring and continuous improvement.
- b) Pursuing development of laboratories equipped with modern, fully computerised equipment.
- c) Development of new experiments based on latest equipment and publishing the course material based on new experiments etc.
- d) Working towards improvement in the quality of publications.
- e) Facilitating increased submission of sponsored research projects.
- f) Establishing Memorandum of Understanding with identified companies in the vicinity.
- g) Conducting subject based seminars, workshops etc. in collaboration with the selected industries.
- h) Working towards attracting core companies for job placement of the students.
- i) Identification and conduct of short term courses for in-house and faculty of other colleges and universities in the region.
- j) Initiation of entrepreneurship development activities within the department.
- k) Starting of a full time alumni relationship management cell in the department.
- l) Encouraging students to take up interdisciplinary projects.

2. Medium Term goals (2-3 Years):

- a) Identification of emerging thrust areas and building human resources in the chosen thrust areas (especially through direct recruitment and supplemented with the training of existing faculty).
- b) Building a good pool of qualified technical support staff and administrative staff.
- c) Building the competency of department in establishing high end research labs in identified specialisations.
- d) Submission of proposals for new M Tech Programs.
- e) Seeking for establishing collaborative research with reputed organisations in India and abroad (Realising Student and faculty exchange projects).
- f) Increased participation by department students in quality international competitions.
- g) Conduct of at least one international conference per year.

- h) Aiming for the increase in the no. of core company placements and enhanced annual package for department students.
- i) To make all faculties to become member of at least two professional bodies.
- j) Establishment of self-reliant (technically) Entrepreneurship development cell for the grooming of budding entrepreneurs.
- k) Conduct of remarkable programs involving department alumni once every year.
- l) Aiming to make entire faculty to involve in consultancy works outside the campus.

3. Long Term goals (4-5 Years):

- a) Aiming for Increase in full time PhD Scholars admission.
- b) Aiming for increased academia-industry collaborative projects
- c) Pitching for consultancy projects.
- d) Increased application filing for international patents.
- e) High valued multiple jobs for the department students (should be sought after by esteemed companies).
- f) At least 10% of the department students should be turning out as entrepreneurs.
- g) Establishment of solar park.

4. Futuristic Goals (>5 Years):

- a) Starting new undergraduate programs
- b) Starting of professionally managed International journal in specialised areas from the department.
- c) Aiming for accreditation of ABET or higher standards for the department.
- d) Starting collaborative education with worldwide recognized universities.

Faculty Members of the Department Development Council:

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11	3411	KAVULURU LAKSHMI NARAYANA	PROFESSOR
12	3434	MUPPA LAKSHMANA RAO	PROFESSOR
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14	3618	DEVARAKONDA HARISH KUMAR	PROFESSOR
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