

Perspective & Strategic Plans

Perspective Plans

Perspective plans are prepared for a period of 18 years (2012-2030), starting from 2012, in tune with vision and mission of CMREC, which are listed below.

- To be recognized as one of the premier institutions offering high quality engineering education
- Offer 90% and above placement for eligible students.
- Produce eminent entrepreneurs
- Develop new products and technologies
- Extend consultancy services

Based on the perspective plans strategic plans were drawn with defined goals for a period of 6 years starting from 2012 which are described in section 6.2.1. To implement these plans we constituted various committees and cells as listed below. All the listed committees and cells will function as per the guidelines instructed by GB.

The Various Committees constituted in the institution are

- Academic Committee
- R & D Committee
- Placement and Training Committee
- Faculty Selection Committee
- Purchase Committee
- Library Committee
- Finance Committee
- Grievance Readdressal Cell
- Women Empowerment Cell

Strategic Plan 2012-18

objective of being recognized as a premier institution in offering value based and quality technical education to meet the technological needs of the society.

| S.No | Category | Goals |
|------|-----------------------|---|
| 1 | Educational Processes | <ul style="list-style-type: none">• To review, add and change, wherever necessary, the academic programmes of the Institute• Improving quality standards and achieve accreditation status• Introduction of modern teaching aids and Implementation of Innovative teaching |

| | | |
|---|--------------------|---|
| | | <p>methodologies</p> <ul style="list-style-type: none"> • Enhance the placement opportunities to students by imparting soft skills and advanced technology training to students in line with industrial needs. • To establish industry linkages and sign MoUs |
| 2 | Physical Resources | <ul style="list-style-type: none"> • To prioritize infrastructural augmentation and construct new blocks in advance as per the intake enhancements and new programs • To ensure effective utilization and maintenance of infrastructure |
| 3 | Governance | <ul style="list-style-type: none"> • Restructuring of administration through decentralization • Take timely decisions in providing financial, academic and physical resources |

Implementation of Strategic Plan #1

Educational Processes:

- **To review, add and change, wherever necessary, the academic programmes of the Institute**
 - Keeping in view of the demand for ECE, CSE and ME courses, the intake was enhanced to 240 in each.
 - M.Tech Courses VLSI, CSE and Thermal Engineering were added during the past three years.
 - A new UG program B.Tech in IT was added during 2017-18.
- **Improving quality standards and achieve accreditation status**
 - The outcome based education has been implemented since 2013-14 in line with AICTE-NBA guidelines.
 - The Course outcomes and Program Outcomes have been evaluated.
 - The institution became eligible to apply for accreditation by NBA in the year 2015-16. An application was sent to NBA in the year 2016
 - All the programs namely CSE, ECE and ME have been accredited for a period of 3 years since 2016.
 - The institution is going for accreditation by NAAC in the current academic year.
- **Introduction of modern teaching aids and Implementation of Innovative teaching methodologies**

- All the class rooms are equipped with modern teaching aids LCD projector, computer connected to LAN and internet with audio system.
- Innovative teaching techniques namely, Use of ICT, Computer based Learning, Mind Mapping etc. are implemented.
- **Enhance the placement opportunities to students by imparting soft skills and advanced technology training to students in line with industrial needs.**
 - Soft skills training programs are conducted from 2nd year onwards.
 - Aptitude training is imparted to students from 2nd year onwards.
 - Advanced technology training is implemented through additional lab sessions namely Advanced Technology Labs (ATL) from 2nd year onwards across all B.Tech programs.
 - Steady growth has been observed in student placements.