



VARDHAMAN COLLEGE OF ENGINEERING

(AUTONOMOUS)

Shamshabad– 501 218, Hyderabad

STRATEGIC PLAN 2016-2020

1. Institutional Holistic Development:

- To become one among the top engineering colleges of the country.
- To attract better input of students of below 1000 rank in state level entrance test (EAMCET).
- To get the institute accredited by NBA under Tier-I.
- To get UGC CPE status.

2. Infrastructure Development:

- To establish centre of excellences in each department on par with the industry standards.
- To upgrade the existing laboratory facilities as per the latest technology.
- To establish patent cell and incubation centre.
- To establish maker space to facilitate fabricating prototypes on campus.
- To construct an auditorium with the state-of-the-art audio visual facility accommodating 1500 audience at a time.
- To make all laboratories and faculty rooms centrally air conditioned.
- To equip all the class rooms and laboratories with LCD projectors.
- To upgrade the existing internet band width from 100Mbps to 1Gbps.
- To provide infrastructure for self learning facilities through MOOCS.
- To construct an indoor stadium for indoor games.
- To establish gymnasium for hostel students.

3. Strengthening Faculty:

- To ensure academic and research ambience on the campus 50% of the faculty with Ph. D qualification.
- To get the faculty updated with the current technological changes of the industry, faculty are to be encouraged to attend at least one Faculty Development Program per semester by each faculty.
- To motivate the faculty towards self learning and continual education faculty are to be advised to undergo at least one certification program per semester.
- To encourage faculty to publish their research work in peer reviews journals and conferences, and to give incentives for quality publications.
- To encourage faculty to attend academic activities like presenting papers in conferences, attending FDPs, training programs, attending PhD course work etc. by providing leave on duty.

4. Research & Development:

- To apply for the grant of Recognized Research Centre by the university.
- To get sponsored projects for at least 20% of the faculty for an amount of 20 crores.
- To Create an Engineering consultancy centre, catering the technical consultancy need of other Institutes.
- To initiate collaborative research with other organizations of repute.

- To develop in house R&D by facilitating required infrastructure and financial support.
- To get at least 50 patents to be filed by 2020 and to ensure at least 10% of the filed patent to get granted.
- To create infrastructure for facilitating the faculty to undertake consultancy work.
- Enhance MOU with premier Indian Technological Institutes and foreign Universities and Research Organizations.

5. Student Career Development Cell:

- To establish Separate SDC Cell
- To encourage students to go for Internships
- To get 100% of the eligible students placed
- Strengthening Placement Cell
- To Strengthen Entrepreneurship Development Cell
- To offer GATE Coaching on campus
- To establish Centre for Foreign Languages
- To offer Certification Programs by the industry


6. Academic Excellence:

- To Improve the teaching / learning environment
- To implement outcome based education in toto.
- To implement choice based credit system.
- To introduce Open Electives.
- To encourage the students to undergo online certification courses like NPTEL.
- Promote and support institution readiness to adopt present and future technological development.

7. Examination Reforms:

- To introduce digital evaluation.
- To train the faculty to set the question papers as per the Blooms level.




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