



GOVERNMENT COLLEGE OF ENGINEERING CHANDRAPUR



An Institute with

**“Centre for Invention, Innovation, Incubation
& Training (CIIT)”**



A joint initiative with Tata Technologies Ltd.

DEPARTMENT OF MECHANICAL ENGINEERING



Admission to
**M.TECH. IN MECHANICAL ENGINEERING DESIGN
(2020-21)**

About the Institute:

Government College of Engineering Chandrapur (GCOEC), established in the year 1996, is one of the renowned Engineering institute in the Vidarbha region of Maharashtra. GCOEC runs six undergraduate degree programs vis-a vis, Civil, Mechanical, Electrical, Electronics and Telecommunication, Computer Science and Engineering and Instrumentation Engineering leading to Bachelor of Engineering degree and three post graduate programs in Mechanical Engineering Design, Electrical Power System and Industrial Instrumentation and Control. The Institute is affiliated to Gondwana University, Gadchiroli, and Maharashtra. Three UG programs are NBA accredited viz Mechanical, Electrical and Instrumentation Engineering.

Institute has signed MOU with Tata Technologies Ltd in 2019 and established Centre for Invention, Innovation, and Incubation & Training (CIIT). Nine Centres of Excellence viz Product Life Cycle Management (PLM), Design Engineering, Product Verification Analysis, Value Engineering & Benchmarking, Autonomous Connected Electrified, Mechatronics & IoT, Digital Manufacturing, Manufacturing Execution System, Advance Manufacturing are setup in the campus of GCOEC. All the students (UG & PG) of the institute can avail world class facilities for design, training, project, innovation etc. available at these centres.



TATA Technologies Industry consortium



Competency Centers under CIIT:

S.No.	Centres of Excellence
1	Innovation Design and Incubation (IDI)
2	Product Verification Analysis (PVA)
3	Product lifecycle Management (PLM)
4	Value Engineering and Benchmarking
5	Autonomous Connected Electrified (ACE)
6	Mechatronics and IoT
7	Digital Manufacturing
8	Manufacturing Execution System
9	Advance Manufacturing



About the Department of Mechanical Engg.:

Department of Mechanical Engineering is a major and renowned department in the Institute having qualified and experienced faculty with good quality students. The department is having well equipped laboratories and three Centres of Excellence i.e. Product Lifecycle Management, Digital manufacturing and Mechatronics & IOT. In GCOEC, Mechanical Engineering is one of the top choices of the students. Department of Mechanical Engineering receives top 60 students among the intake capacity of 330. The Department currently runs B.E. (Mechanical) Degree Program. Duration of the program is 4 years comprising eight semesters.

On 17th October 2018 Department of Mechanical Engineering received accreditation of 3 years from National Board of Accreditation, New-Delhi. This achievement assures to pave the way of overall growth and development of the Department. The department strives to be the best UG and PG learning centre as well as a hub of research in the tribal region of Chandrapur and Gadchiroli Districts. The endeavour of the department is focused on establishment of a facility that caters to a good quality Under Graduate and Post Graduate technical human resource to the society. The status of accreditation qualified the department to begin a PG program in Mechanical engineering Design(MED).



About P. G. Course in Mechanical Engineering Design:

Department of Mechanical Engineering of GCOEC has started Full time Post Graduate program in Mechanical Engineering Design (MED) leading to M.Tech. Degree in 2019-20, the course has AICTE, DTE approval and is affiliated to Gondwana University Gadchiroli.

The duration of the course is 02 years (04 semesters). Last semester of the program is devoted for project work & dissertation. Admission to PG program is carried out as per Government and DTE/AICTE rules and regulations. Intake capacity of the course is 18.

Eligibility for Admission & Fee structure:

The candidate should be an Indian national. Passed Bachelor degree in the relevant field of Engineering & Technology from AICTE or central or state Government approved institutions or equivalent, with at least 50% marks (45% in case of backward class category candidates and person with disability belonging to Maharashtra state only). Obtained score in Graduate Aptitude Test in Engineering (GATE) conducted by Indian Institute of Technology.

Fees per year for admission to M.Tech. Program is approximately Rs. 50000/- , which includes Tuition fees and other fees.



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