

Government College of Engineering, Amravati

(An Autonomous Institute of Govt. of Maharashtra)

Established in 1964



VISION

Towards Global Technological Excellence

MISSION

- › Creating human resource of global competence
- › Providing excellent academic and research environment
- › Striving for development through technology transfer
- › Inculcating the attitude of entrepreneurship

About GCOEA

Government College of Engineering, Amravati (GCOEA) is one of the oldest engineering institutes in the state of Maharashtra, India, located in Amravati. It was established in 1964 by the Government of Maharashtra, along with two other Government institutes at Aurangabad, and Karad. It was initially affiliated to Nagpur University and later on shifted to Amravati University now Sant Gadge Baba Amravati University SGBAU) in 1982. The Institute started with three basic disciplines Civil, Mechanical and Electrical Engineering initially. Subsequently new degree programs in Electronic & Telecommunication, Computer Science & Engineering, Instrumentation Engineering and Information Technology were added as per the demand, need and requirements of the country.

The institute started part time Post Graduate course in Electrical Power System in 1986 and later added four P.G. Courses in Thermal Power Engineering, Environmental, Geotechnical, and Electronics Systems and Communication. The institute now offers seven full time PG programs in Electrical Power Systems, Structures, Thermal Power Engineering., Environmental Engineering., Advanced Electronics, Computer Engineering and Geotechnical Engineering.

Besides imparting Engineering education in all major Disciplines, it is also a recognized research center for Ph.D. Programs in Civil, Mechanical, Electrical, Electronics and Computer Engineering for Amravati University. The total student strength is around 1,700.

The institute was granted Autonomy by UGC in 2005–06 which is further extended up to 2020. All eligible programs have been accredited by NBA. The Institute is also awarded 2(f) and 12(B) status of the UGC Act-1956 on 24th Sept 2015, up to the Masters degree.

The institute was ranked 45 in Outlook India's Top Engineering Colleges of 2012[4] and 68 in Dataquest's Top Engineering Colleges in India of 2011. Earlier it was ranked 5th in the list of top engineering colleges situated in the Western side of India (excluding IITs). The latest ranking of the DQ 2012 shows a steep jump of 33 spots, relative to previous ranking, to 35. All major Recruiters visit the Institute for Campus placements both Core and software Giants. The Institute was honored with National Employability Award 2018-19; for among 'Top 10% Institutes in the State of Maharashtra by Aspiring Minds. Software Giant Tata Consultancy Services have honored the Institute as a Premium Category college (2018-19).

The College campus is spread over 105 acres of land on Amravati Walgaon road. The Public Works Department of Govt. of Maharashtra; is responsible for construction and maintenance of buildings. The institute has independent boy's hostel and girl's hostel. It has a Principals bungalow as well as Warden Quarters. College at present has 10 Mb connectivity having campus wide networking of 2000 nodes and also Wi-Fi spread over entire campus covering all departments, hostels and residential areas maintained by CWN Data Center with installation cost of 125Lacks

Journey Till date

- ▶ 1964- Established and Affiliated to Nagpur University
- ▶ 1982 – Occupied present premises- 105 Acres
- ▶ 1983- Affiliated to Amravati University
- ▶ 2000 – Inclusion in CIILP (Canada India Institute-Industry Linkage Project)
- ▶ 2004- First Accreditation of 5 UG programs
- ▶ 2005- Selected for TEQIP-I (Technical Education Quality Improvement Programme of GoI)
- ▶ 2006- Awarded Academic Autonomy
- ▶ 2007- Reaccreditation of 5 UG Programs, - Accreditation of 1 UG and 1 PG program
- ▶ 2011- Selected for TEQIP-II
- ▶ 2012 Extension to Autonomy by UGC
- ▶ 2013- Golden Jubilee Year, Reaccreditation of UG (Civil, Mech., Electrical), PG(Structural) (2013-2015)
- ▶ 2014- Reaccreditation of UG (Electronics, Computer Science, IT) (2014-2016)
- ▶ 2018- Reaccreditation of UG (Civil, Mechanical) (2018-2021), Applied for 3 PG programs
- ▶ 2021- NAAC accreditation of UG (Electrical) for 3 yrs, Establishment of 2 CoE's and updating of Data Center
- ▶ 2022- Reaccreditation of UG (Mechanical and Civil) for 3 yrs

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Institute Core Values

- ▶ Meritorious Students
- ▶ Integrity and Commitment of Faculty and Staff
- ▶ Consistent Training and Placements
- ▶ Strong Alumni base
- ▶ R & D Activities and Patents
- ▶ Excellent Academic & Research Environment
- ▶ Active Industry Institute Interaction
- ▶ Graduates with High Employability
- ▶ PhD Centre under QIP and NDF
- ▶ Testing and Consultancy Centre

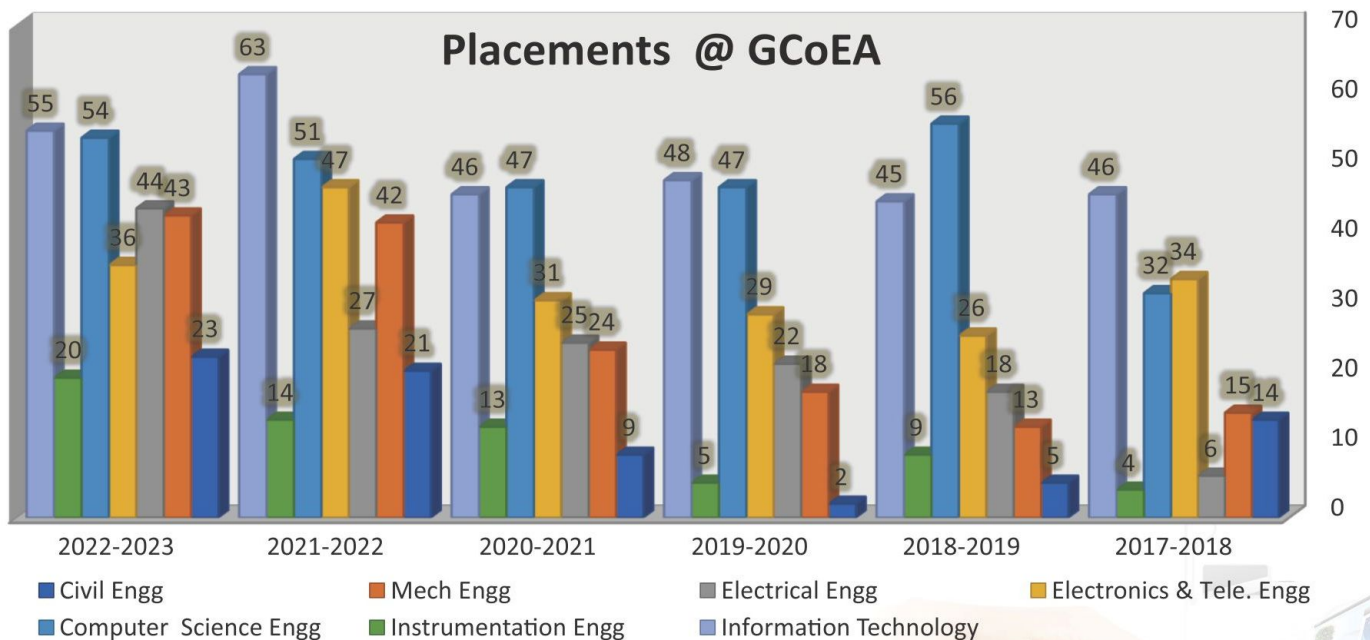
Programmes at GCoEA

(New Curriculum as per NEP-20 w.e.f. 23-24)

Engineering Discipline	UG (Intake)	PG (Intake)	Ph.D.	Max CET score of 2023 admission
Civil	√ (60)	√ (54) Structural Engg. (18), Environmental Engg. (18), Geotech.I Engg. (18)	√	97.12
Computer Science & Engg.	√ (60)	√ (18) Computer Sci. & Engg. (18)	√	98.93
IT	√ (60)		√	97.12
Electrical	√ (60)	√ (18) Electrical Power Systems (18)	√	93.75
Electronics & Tele.	√ (60)	√ (18) Electronic Systems & Comm. (18)	√	94.29
Instrumentation	√ (30)			87.07
Mechanical	√ (60)	√ (36) Thermal Engg.(18), Production Engg. (18)	√	92.86

Placement Statistics

Item	2019-2020	2020-2021	2021-22	2022-23
Number of campus interviews conducted	30	32	52	66
Number of selected students	171	195	262	283
Maximum package	15 lacs p.a.	20 lacs p.a.	22 lacs p.a.	8 lacs p.a.
Average package	4.317 lacs p.a.	4.51 lacs p.a.	5.35 lacs p.a.	4.88 lacs p.a.



List of Major Companies Visited

- Total 67 companies for Campus recruitment during 2022-23 till today
- Some of the major companies are as follows

Tata Consultancy Services
Synopsis Bangalore
Cognizant Technology Solutions India Private Limited
Adani Group of Industries
Persistent Systems Limited
Caldrays Refractories Limited
Thermax Global
Capgemini Technology Services India Limited
NCDEX e Markets Limited (NeML)

Reliance Industries Limited & Reliance Retail
Samsung India Electronics (R&D) India
Larson & Toubro Ltd
Wipro Limited
ACC Limited
TechMahindra



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Various Clubs at GCoEA

Institute provides various clubs and events to sharpen the co-curricular and extracurricular skills

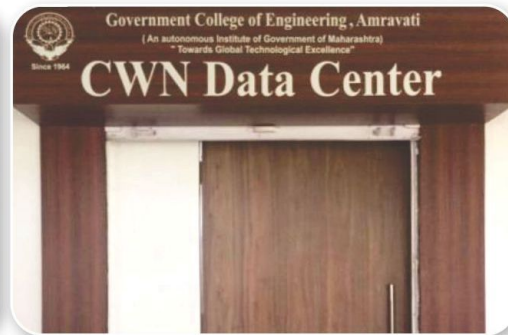
- TIFAN (Technology Innovation Forum For Agricultural Nurturing) SAE (Society Of Automotive Engineers) is an international organization. TIFAN comes under SAE INDIA OFF-HIGHWAY competition.
- The ROBO-TECH FORUM: The Robo-tech Forum is an eminent technical club/society of GCOEA for the innovative and creative approach of building Robots. This Club was established in 2014.
- SAE Baja: The Mechanical Engineering department of the Government College of Engineering has SAE Collegiate Club, under which different student-centric activities are undertaken. The major activities include Participation in SAE Baja and SAE Tifan Competition.
- Institution's Innovation Council (IC202217293) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2021-22
- STARLT astronomy and Astrophysics Club (SAAC) founded in 2010: The club mainly focuses in the field of astronomy. It mainly aims to encourage the students towards astronomy. The club has its own. Reflecting telescope.
- IE/ISTE student's chapter



Students get other platforms to showcase their talents through Zenith- annual social gathering, Prajwalan -annual Technical Event and various other departmental events.

Center of Excellence and Data Center

There are two centres of excellences titled as **Industrial Internet of Things** and **Instrumentation Control and Automation** both costing more than 100 Lacks Each. College is having its Data Center costing worth Rs 125 Lakhs, having 10 Mb connectivity through campus wide networking of 2000 nodes and also Wi-Fi spread over entire campus covering all departments, hostels and residential areas maintained by CWN Data Center



Hostels

Boys Hostels (2)

- AICTE Hostel - Capacity 36
- New Boys Hostel - Capacity 160

Girls Hostels (2)

- Jijao Hostel - Capacity 240
- New Girls Hostel - Capacity 160

