



Government College of Engineering

Station Road, Osmanpura, Aurangabad – 431 005

"In Pursuit of Global Competitiveness"

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INSTITUTIONAL ANNUAL REPORT

ACADEMIC YEAR 2018-2019

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TEQIP-III Office, Government College of Engineering,
Station Road, Osmanpura, Aurangabad – 431 005
Maharashtra.

For:
Principal,
Government College of Engineering,
Aurangabad Maharashtra

Principal's Message



PRINCIPAL: Dr. P.B. Murnal

Dear all,

Technical education in today's world occupies increasingly greater space and interest and hence required to be nurtured. All aspiring engineers shall awaken to remain sensitive and keep themselves abreast of developments in technology with growing awareness. The commitment towards acquisition of knowledge with thorough understanding is necessary to assimilate the facts.

In today's world, we need to develop kind of wisdom towards appropriate utilization of Nature's resources, which are limited, but it's our duty to conserve them so that these are made available for future generations also. This emphasizes need for conservation of energy, fuels, materials and resources. The development of devices and machines in line with conservation of ecology is important. The need for industrial development in tune with ecological principles shall be desirable.

The desire to achieve and gain is natural in human being. However the aspiration for making of oneself to be appreciated by others has still better shades in existence. The approach in life need to be higher, generous, and shall consider the benefit of all.

Wish all faculties and staff shall have theirs' contribution in shaping the engineers of the future. The educational institute like this one forms the important building block in development of the nation. May we all be conferred upon that wisdom and beneficial feelings in the heart to support the structure of this institute serving in the field of technical education! Students need to make best out of available facilities to create better tomorrows. I hope we all shall learn to live with mutual trust and faith and make our and others lives sublime.

My best wishes to all.

Dr. P.B. Murnal

Principal,

Government College of Engineering,

Station Road, Osmanpura, Aurangabad – 431 005

Maharashtra.

Government Collage of Engineering, Aurangabad is established in 1960 and is functioning as an **autonomous institute** from academic year 2006 - 2007.

Institute is **affiliated to the Dr. Babasaheb Ambedkar Marathwada University Aurangabad Maharashtra**. UGC, Government of Maharashtra and **Dr. Babasaheb Ambedkar Marathwada University, Aurangabad** have conferred the status of autonomous college to all U.G. and P.G. programs of the institute. Institute is situated in the heart of Aurangabad city at about 01 km from railway station with separate buildings for various program departments, library, auditorium, workshop, hostels and office with well equipped laboratories, Wi-Fi enabled campus, gymkhana with playground, gymnasium, basket ball and badminton court etc. Auditorium of institute has a sitting capacity of about 1000 persons. The institute has well furnished and equipped seminar and conference facilities.

Institute's Vision and Mission

Vision

In pursuit of global competitiveness, the institute is committed to excel in engineering education and research with concern for environment and society.

Mission

- To provide conducive environment for academic excellence in engineering education.
- To enhance research and development along with promotion to sponsored projects and industrial consultancy.
- To foster development of students by creating awareness for needs of society, sustainable development and human values.

Governance Structure

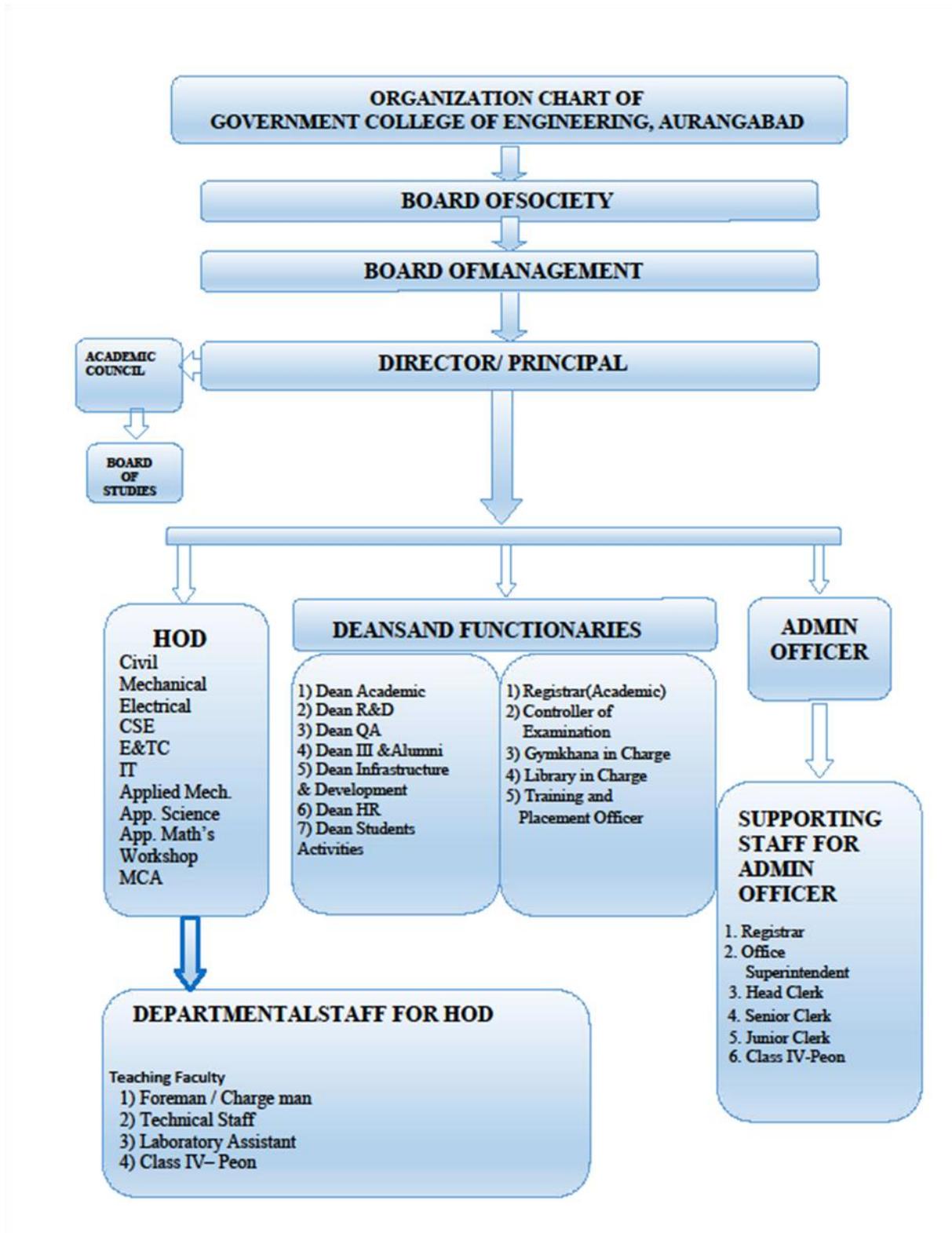
Name of Governing Body	Functions and Responsibilities
Board of Management	<p>Board of management of the institution has been constituted as per the Maharashtra state higher & technical education government resolution No. 2013/(129/13)/TE-2 Dated 13 Jan 2016 which is in tune with UGC guidelines.</p> <p>The functions of board of management have been defined as per the government resolution No. 2010/(170/10)/TE-2 Dated 23 Oct 2012</p> <p>Frequency: At least twice per year</p>
Academic Council	<p>The academic councils the highest academic body of the institute and is responsible for formulating, regulating and maintaining the standard soft each in, research and examinations in the institute. It is consisting of principal as chair person, all the deans, renowned educationists / experts from IITs, director-BCUD of Dr.B.A.M. University, heads of department and postgraduate coordinators in the college, four teacher soft he college representing different level soft each in staff, not less than four experts from outside the college (representing such are as industry, research and development laboratories, technical education), three nominees of the University and a faculty member nominated by the principal.</p> <p>Frequency: At least twice per year</p>
Board of Studies	<p>The board of studies (BoS) is constituted for each program department. The main function of BoS is the curriculum design, mode of delivery and assessment, carried out in the relevant department. The main concerns are :</p> <ul style="list-style-type: none"> • The general arrangements for teaching and examining • The curriculum structure and content • Supervision of academic progress of students. • The board of studies is responsible for adhering to guidelines and other

	<p>academic matters referred to it by the Academic Council.</p> <ul style="list-style-type: none"> • The board of studies is chaired by the head of the department and member • Include faculty at different levels covering different specialization soft the program. • Two experts in the subject from outside the college, nominated by the Vice- chancel or of Dr. BAMU Aurangabad; one representative from industry corporate sector/allied are la ting to placement, nominated by the principal and two. • Student member nominated by the principal. <p>Frequency: At least twice per year.</p>
<p>Principal Head of Institution</p>	<p>The head of the institution is accountable to the board of management, which reviews the functioning and growth of the institution in relation to the authority delegated to him / her having regard to the se that are conferred directly by the instruments of governance.</p> <p>Head of the institution has the following responsibilities:</p> <ul style="list-style-type: none"> • Policy planning and providing academic and administrative leadership • Academic and administrative management of the institution • Monitoring and evaluation of academic and research activities • Promotion of industry institution interaction and R & D activities • Participation in policy planning at the regional /national level for development of technical education • Managing the quality management system of the institution • Student and stakeholders’ satisfaction • Overall growth and quality enhancement of the institution.
<p>Statutory an-Non Statutory Committees</p>	<p>As per the U.G.C. guidelines (eleventh Plan) and government of maharashtra G.R. No. the/2010/(170/10)/TE2, higher and technical education department, dated 23rd October, 2012, various statutory and non-statutory bodies have been constituted for delegation of various roles and responsibility as per the</p>

	<p>provisions of statues of autonomous colleges.</p> <p>Following committees have been constituted as per BOM resolution no. reference GECA/REG.ACAD/XIBOM/2016/4225 dated 13th December 2016,</p> <p>Academic Council</p> <p>Board of Studies</p> <p>Finance Committee</p> <p>Planning and Evaluation Committee</p> <p>Grievance Appeal Committee</p> <p>These committees perform as per the scope and provision of the framework which augments and assists the head of the institution in overall administration and management.</p>
<p>Deans</p> <p>Dean(Academics)</p> <p>Dean (R&D)</p> <p>Dean(III & Alumni)</p> <p>Dean (Students' Activate)</p> <p>Dean Quality Assurance</p> <p>Dean Infrastructure Development</p> <p>Dean (HR)</p>	<p>Head of the institute supported by many deans for smooth conduction of working to develop, administer and promote the academic programs.</p> <p>Functions of deans:</p> <ul style="list-style-type: none"> • Coordinate and promote academic proposals, changes, reviews and other academic matters • Develop and coordinate policies for all round development of teaching & nonteaching staff and students; planning physical facilities and utilization of the same for stakeholders • Managing and monitoring college resources and budgets for different activities of the institute.
<p>Controller of Examination</p>	<p>Coordinate the Examination activities:</p> <ul style="list-style-type: none"> • Plan the schedule of end semester examination (ESE) as per the dates defined in the academic calendar, and approved by examination committee • Organize for setting of question papers, schemes of evaluation and solution, scrutiny of question papers, printing of question papers and stationary

	<ul style="list-style-type: none"> • Conduct the ESE and arrange for valuation • Arrange of compilation of results and announce the results. <p>Frequency: Examination meeting is conducted twice per year. Internal staff meetings are conducted as and when required.</p>
Head of department	<p>Policy planning, monitoring and evaluation and promotional activities both at departmental and institution level. Programmed curriculum development and developing resource materials academic and administrative management of the department providing leadership in both postgraduate courses in relevant field of specialization teaching, research and research guidance consultancy services design and development of new programmers continuing educating and interaction with student counseling and interaction with administration both at departmental and institutional levels.</p> <p>Frequency of meeting: At least four times in any ear for term commencement and term end for regular and smooth departmental working, at least once per month.</p>

Organization Structure



Institute's Board of Management (BoM)

BOARD OF MANAGEMENT		
1	Shri. Vivek Bhosale (Nominated by Government of Maharashtra)	Chairman
2.	Shri. Ravindra Vaidya (Nominated by Government of Maharashtra)	Member
3.	Shri. Devanand Kotgire (Nominated by Government of Maharashtra)	Member
4.	Hon. Secretary Higher & Tech Edu. Dept (Representative of State Government)	Member
5.	Dr.C.K. Varshney (Representative of UGC)	Member
6.	Dr.P.S. Wakte (Representative of Dr. B.A.M. University, A'bad)	Member
7.	Dr. A.S. Bhalchandra (Representative of Teaching Faculty)	Member
8.	Dr. S.S. Mohite (Representative of Teaching Faculty)	Member
9.	Dr.P.B. Murnal (Principal, Govt. College of Engineering, A'bad)	Member Secretary
10.	Hon. Dy. Secretary (Higher & Technical Education Department)	Permanent Invitee
11.	Hon. Director (Director of Technical Education Department)	Permanent Invitee

Decentralization in working and grievance redressal mechanism

For smooth working in institute, two levels of administrative set-ups are established, at institute level and at departmental level. Following is the list of deans and heads who have been delegated power for taking administrative decisions.

- Dr.D.G.regulwar : Dean (Academics)
- Dr.S.S.Jamkar : Dean (R & D)
- Dr.N.R.Bhasme : Dean (III and Alumni)
- Dr.A. M. Nikalje: Dean (Students' Activities)
- Dr.A. S. Bhalchandra : Dean (Quality Assurance)
- Dr. G. K. Patil : Dean (Infrastructure Development)
- Dr.U.J.Kahalekar : Dean (HR)
- Dr. S. M. Shinde : Controller of Examinations
- Dr. A. A. Bhole : Registrar (Academics)
- Prof. S. S. Agrawal : Training & Placement Officer (TPO) Heads of Departments

Name	Area in which power is delegated
Dean (Academics)	<p>Dean (academics) occupy a unique place in the continuum of academic administrators, acts as the facilitating link among academic council & various departmental board of studies' chairpersons, faculty members, staff, students, and university leadership.</p> <p>dean (academics) is the academic leader of institute.</p> <p><u>Functions of dean (academics):</u></p> <ul style="list-style-type: none">• Develop and monitor the institute's vision, mission and goal statements• Take lead and coordinate for curriculum development and board of studies meetings• Process and maintain all records related to academics (UG, PG & Ph.D.) including curricula, courses offered, academic calendar and registration. disseminates information pertaining to all academic matters• Promote academic excellence• Provide recommendations to the board of management/academic council/principal on policies and procedures in the academic area including examinations, grades and award of degrees• Prepare the institute academic calendar and may oversee

	<p>the examination process</p> <ul style="list-style-type: none"> • To suggest improvement in library of the institute • Acts as a channel of communication between students, instructors, departments/interdisciplinary programs, registrar academic and academic council. • Carry out any other work as directed by head of the institution
Dean (R & D)	<p>Dean (R&D) primarily facilitates the conduct of sponsored research of faculty. It plays a supporting role in creating contacts with the real world and promotes faculty research through a variety of publications and filing IPR products. Enabling an ambience for technology development and patents is a priority.</p> <p><u>Functions of dean (R&D):</u></p> <ul style="list-style-type: none"> • Promote R & D activities within the institute • Motivate faculty to prepare research projects and apply for grants through various funding agencies • Monitor the effective utilization of R & D funds and related financial matters • Monitoring and administration of testing and consultancy work in the institution • Maintain and update record of research projects • Formulate policy for sponsored research, testing & consultancy projects • Prepare Intellectual Property Rights (IPR) policy of the institute and monitor implementation of the same • Establish and develop incubation centre • Carry out any other work as directed by head of the institution

<p>Dean (Industry Institute Interaction and Alumni)</p>	<p>The job of dean (III & alumni) is to promote and administer the linkages amongst institute, industry & alumni.</p> <p><u>Functions of dean (Industry Institute Interaction and Alumni):</u></p> <ul style="list-style-type: none"> • Manage the alumni affairs • Take steps towards coordination and collaboration with industrial associations • Guide the departments in establishing rapport with industries for taking up projects and in plant training. • Prepare memorandum of understanding between the institute and industries to bring the two sides emotionally and strategically closer • Arrange CEP programmes for industrial personnel • Carry out any other work as directed by head of the institution
<p>Dean (Infrastructure Development)</p>	<p>All matters connected with new civil infrastructure and maintenance of the existing civil & allied infrastructure and all related facilities such as roads, electricity, water supply, drainage etc. come under purview of dean (Infrastructure Development).</p> <p><u>Functions of dean (Infrastructure Development) :</u></p> <ul style="list-style-type: none"> • Plan all infrastructure related developmental proposals • Monitor the physical targets and utilization of funds and preparation of relevant papers for submission of progress reports thereof • Implement campus development, renovation and landscaping works • Plan and supervise the activities related with water supply and drainage, gardening, fire and safety audit, occupancy, completion and structural stability

Dean (Students' Activities)	<p>Excepting the academic matters, all students' issues are dealt by dean (students' activities) in the interest of the students. The activities proposed shall be properly scheduled and preferably be done in consultation with dean (academics).</p> <p><u>Functions of dean (Students' Activities) :</u></p> <ul style="list-style-type: none"> • Monitor discipline amongst the students • Organize and supervise extra-curricular activities • Organize students counseling and health related activities • Liaison with parents about the progress and problems of students • Propose and supervise the activities for the betterment of students • Coordinate for scholarships • Formulate policies and oversee the participation of students in institutional interdisciplinary technical and non technical events • Act as a channel between students/students' council and different authorities • Carry out any other work as directed by head of the institution
Dean (Quality Assurance)	<p>The role of dean (quality assurance) is to implement various quality checks during the entire span of the student in the institute. The dean (quality assurance) has to coordinate with respective heads of the departments and deans and prepare for accreditation and ranking frameworks.</p> <p><u>Functions of dean (quality assurance) :</u></p> <ul style="list-style-type: none"> • Plan, facilitate and monitor activities related to proposals of AICTE, NBA, NAAC and NIRF • Coordinate academic audit and result analysis in collaboration with dean (academics) and controller of examinations at regular intervals • Coordinate to carry out periodical performance appraisal of faculty and feedback analysis of students and other stakeholders and suggest measures for improvement in academics • Coordinate for preparation of strategic plan of institute and setting of goals and monitoring thereof • Carry out any other work as directed by head of the institution

Dean (Human Resources)	<p><u>Functions of dean (human resources) :</u></p> <ul style="list-style-type: none"> • Monitor the policy decisions defined by HR committee of the institute • Propose the roles of different functionaries/authorities (deans, associate deans, HOD etc.) • Coordinate the interrelated activities of various functionaries • Coordinate for manpower requirement and recruitment • Plan the training programmes for faculty members, supporting staff and students to improve soft skills and interdisciplinary technical skills • Conciliate among stakeholders • Carry out any other work as directed by head of the institution
Controller of Examinations	<p>Controller of Examinations coordinates the examination activities.</p> <p>Functions:</p> <ul style="list-style-type: none"> • Plan the schedule of end semester examination(ESE) as per the academic calendar, and approved by examination committee • Organize for setting of question papers, schemes of evaluation and solution, scrutiny of question papers, printing of question papers and stationary • Conduct the ESE and arrange for valuation • Arrange for compilation of results and announce the results. • <p>Frequency: At least twice per year.</p>
TEQIP Coordinator	Coordination of all components of TEQIP project

<p>Training & Placement Officer (TPO)</p>	<p>Training and Placement office has a major responsibility to interact with various industrial, management and research organizations in the country with the aim of providing adequate technical exposure / industrial training to the students and also enabling them to get employment in the different organizations.</p> <p><u>Functions of TPO :</u></p> <ul style="list-style-type: none"> • Arrange technical, employability skills enhancement training programs by using external expertise • Invite reputed industries for placement of students and facilitate the conduction of placement activities • Organize lectures and workshops for students on career counseling, interview techniques and soft skills • Motivate and provide facilities to the students to organize various technical programs to develop overall leadership qualities • Collect feedback from the industries coming for placement • Carry out any other work as directed by head of the institution
<p>Registrar (Academics)</p>	<p><u>Functions of registrar (academics) :</u></p> <ul style="list-style-type: none"> • Facilitate the preparation of agenda points for board of management meeting & academic council meetings in consultation with principal • Monitor the proper implementation of the decision of the board of management, academic board, board of examination & board of studies • Ensure proper implementation of the preparation and update of the handbook of statutes, ordinances and rules and regulations, as approved by the authorities, bodies or committees from time to time • Carry out any other work as directed by head of the institution
<p>Heads of Departments</p>	<p>Functions:</p> <ul style="list-style-type: none"> • Programme curriculum development and developing resource materials • Academic and administrative management of the department • Teaching, research and research guidance • Consultancy services • Design and development of new programmes • Continuing educating programs & faulty development programs

	<ul style="list-style-type: none"> • Students' counseling and interaction • Student and stakeholders' satisfaction. <p>Frequency: At least four times in an academic year.</p>
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Anti-Ragging Committee

Sr. No.	Name	Designation
1	Dr. P.B Murnal, Professor, Applied Mechanics Department	Chairperson
2	Prof. P. S. Swami, Assistant Professor, Electrical Engineering Department	Member
3	Prof. V. J. Pawar Assistant Professor ,CSE Department	Member
4	Prof. S. S. Mopari, Assistant Professor, Electrical Engineering Department	Member
5	Prof. V A Inzamuri , Assistant Professor, CSE	Member
6	Prof. K. S. Gandle, Assistant Professor, IT Department	Member

Grievance Redressal Committee

Sr. No.	Name	Designation
1.	Dr. U. J. Kahalekar, Professor Civil Engineering Department	Chairman
2.	Prof. N. R. Bhasme, Faculty, Electrical Engineering Department	Member
3.	Dr. S.D. Bharkad , Faculty, E & TC Department	Member
4.	Dr. U. V. Hambire, Faculty, Mechanical Engineering	Member

Women Cell (Internal Complaint Committee):

Women Cell is constituted as per the Gazette of India, Extraordinary, Part II, Section I, Ministry of Law and Justice, Dated Tuesday, April 23, 2013..

S. No	Name	Designation
1.	Dr. S.A.Bhalchandra	Chairperson
2.	Adv. Geeta Deshpande	Member
3.	Dr. Rashmi Borikar	Member
4.	Dr. S. A. Patil	Member
5.	Mrs. V. A. Kulkarni	Member
6.	Mrs. S. B. Gundre	Member
7.	Mr. S.G. Shikalpure	Member
8.	Mrs. S. B. Rathod	Member
9.	Mrs. S. R. Potpillewar	Member
10.	Mrs. R.R. Jagtap	Member

Institute has established mechanism to process the complaint in Anti-Ragging Committee, Grievance Cell and Women Cell. After receiving complaint from stake holder of institute about issues which comes under prevue of these committees is processed by committee members within prescribed duration. Committee enquires into matter mentioned in complaint and recommends action and immediately forwards to higher authorities as per requirement.

Awareness is created among stake holders through lectures regularly. Constitutions of these committees, phone numbers of officer in charge are displayed on notice boards at many places in Institute and website also.

Finance Committee

Sr.No	Name	Designation in Finance Committee
1	Dr. P. B. Murnal, Principal	Chairman
2	Mr. Ravindra Vaidya	Member Representative of Board of Management
3	Finance officer of the affiliating university	Member
4	Dr. U. J. Kahalekar	Member, Senior teacher
5	Mr. Vivek Bhosale, Chairman BOM	Permanent Invitee
6	Mr.Devanand Kotgire, Member BOM	Permanent Invitee

7	Mr. R. I. Kothari, Chartered Accountant, Aurangabad	Invitee Member (Well known Chartered accountant)
8	Shri. D. H. Chavan, Administrative Officer	Coordinating officer

Examination Committee

Sr. No.	Name	Designation
1.	Principal	Chairman
2.	Controller of Examinations, Dr. B. A. Marathwada University, Aurangabad	Representative of Controller of Examinations
3.	Dr. B.M. Naik, Former member of Board of Management	Evaluation Expert
4.	Dr. S. M. Desai, Associate Professor, Physics	Member
5.	Dr. S. S. Jamkar, Professor, Civil Engineering Department	Member
6.	Dr. A. A. Bhole, Associate Professor, Electrical Engineering Department	Member
7.	Dr. S. M. Shinde, Controller of Examination and Associate	Member Secretary

Library Committee

Sr.No.	Name	Designation
1	Prof. R. P. Chaudhari, Office-In-Charge, Library	Chairman
2	Dr. S. B. Chikalthankar, Associate Professor, Mechanical Engineering Department	Member
3	Prof. S.M. Attipamalu, Associate Professor, Department of Mathematics	Member
4	Dr. V. R. Ratnaparkhe, Associate Professor, E & TC Engineering	Member

	Department	
5	Dr S. M. Desai, Associate Professor, Applied Science Department	Member
6	Dr. Mrs V. A. Kulkarni, Associate Professor, Electrical Engineering	Member
7	Prof. S.D.Sapkal, Asst. Professor, Computer Science & Engineering Dept.	Member
8	Prof. Shilpa Kabra, Asst. Professor , IT Department	Member
9	Shri. S. C. Yerwal, Librarian	Member

Student Welfare Committee

Sr. No.	Name	Designation
1.	Principal, Government College of Engineering, Aurangabad	Chairman
2.	Dr.S.B. Chikalthankar , Asso.Professor, Mechanical Engineering Dept.	Member
3.	Prof G.K.Patil , Asso.Professor , Civil Engg Department	Member
4.	Prof. S. M. Shinde, Asso.Professor, Electrical Engg Department	Member
5.	Dr. M. G. Shaikh , Asso. Professor, Applied Mechanics Department.	Member
6.	Prof. S.D. Ahirrao, Asso. Professor, Mathematics Department	Member
7.	Dr.A.S.Bhalchandra , Professor & Head of Electronics Dept.& Dean (Students' Activities)	Member Secretary

Extra-Curricular Activities Committee

Sr. No.	Name	Designation
1	Principal, Government College of Engineering, Aurangabad	Chairman
2	Dr. M. G. Shaikh , Asso. Professor, Applied Mechanics Department.	Member
3	Dr S.A.Patil , Asso.Professor, Mechanical Engineering Dept.	Member
4	Prof. M. B. Nagori , Asst.Professor , Computer Science & Engineering Dept.	Member

5	Prof. S.D.Sapkal , Asst. Professor , Computer Science & Engineering Dept.	Member
6	Prof S. D. Sapkal , Asst. Professor , MCA Dept.	Member
7	Dr.U.V.Hambire, Ass.Professor , Mechanical Engineering Department	Member
8	Prof. S.R Kulkarni ,Asst.Professor ,Mechanical Engineering Dept.	Member
9	Prof. S.D. Ahirrao , Asso. Professor, Mathematics Department & Gymkhana VP	Member Secretary

Academic Calendar A. Y.-2018-2019

Perpetual Academic calendar is prepared well in advance and it is propagated to all faculty members and students by displaying it at various locations in Institute, department and on website. It consists of various activities planned in the semester like test schedule, submission of marks to COE, technical activities schedule, theory and practical examination schedule, vacation slots for staff etc. In the beginning of the semester academic calendar is prepared and disseminated among the stakeholders. The faculty, students and office fellows adhere to the academic schedule

Academic calendar Semester-Odd

Sr.No.	Activity	Date / Duration
I. ACADEMIC SESSION		
1	Instruction Starts	1 st Monday of July
2	First Attendance Review	3 rd Week of August
3	Second Attendance Review	3 rd Week of September
4	Mid semester Class Test - I	4 th Week of August
5	Mid semester Class Test - II	4 th Week of September
6	Submission of Class Test Marks to CoE	After Three days of Class Test
7	Last Date of Instruction	2 nd Week of October
8	Registration of course for Next Semester	1 st Week of October
9	Provisional Detention List	1 st Week of October
10	Final Detention List	2 nd Week of October
11	Term End	2 nd Week of October
II. END SEMESTER EXAM SESSION		
12	Submission of Test, Term Work/TA Marks to CoE	3 rd Week of October
13	Practical/Viva-voce Examination (Department will display the schedule)	3 rd Week of October
14	End Semester Examination Schedule (Theory)	1 st to 4 th Week of December
15	ESE Results Declaration	2 nd Week of December
16	Last date for applying for rechecking of ESE	2 nd Week of December

17	Result declaration after rechecking	3 rd Week of December
III. RE-END SEMESTER EXAM SESSION		
18	Re-ESE Schedule	4 th Week of January
19	Result Declaration of Re-ESE	2 nd Week of February
20	Last date for applying for rechecking of Re-ESE	3 rd Week of February
21	Result declaration after rechecking of Re-ESE	3 rd Week of February
22	Winter Vacation Period for Students	After Last Day of ESE to last day of December
23	Winter Vacation Period for Faculties	As per office order
24	Instructions Start for Next Semester	1 st Monday of January

Semester-Even

Sr.No.	Activity	Date / Duration
ACADEMIC SESSION:		
1	Instruction Starts	1 January 2019
2	Wings - 2019	25-27 January 2019
3	First Attendance Review, Academic Audit & Review	15 February 2019
4	Mid semester Class Test - I (For CBCS)	18-22 February 2019
5	Mid Term Evaluation of Seminar/Dissertation/Project	18-22 February 2019
6	Submission of Class Test Marks to CoE	01 March 2019
7	Second Attendance Review, Academic Audit & Review	3 March 2019
8	Annual Cultural Event	15-17 March 2019
9	Mid semester Class Test - II (For CBCS and Class Test of Non-CBCS)	25-29 March 2019
10	Provisional Detention List	01 April 2019
11	Submission of Class Test Marks to CoE	3 April 2019
12	Students Feedback (Online)	1-10 April 2019
13	Registration of Courses for next semester	5-10 April 2019

14	Last Date of Instruction	09 April 2019
15	Final Detention List & Term End	10 April 2019
16	Review of Feedback by the department	12 April 2019
17	Ph.D. Progress Seminar	1st April to 31st May 2019
Note for Class Test: Two papers daily. After third day test, from 11.30 am onwards regular teaching schedule to be followed		
II. END SEMESTER EXAM SESSION:		
18	Submission of Test, Term Work/TA Marks to CoE	12 April 2019
19	Practical/Viva-voce Examination (Department will display the schedule)	11-20 April 2019
20	End Semester Examination Schedule (Theory)	22 April - 10 May 2019
21	Open House	20 May 2019
22	ESE Results Declaration	22 May 2019
III. RE-END SEMESTER EXAM SESSION:		
23	Re-ESE Schedule	10-15 June 2019
24	Open House	20 June 2019
25	Result Declaration of Re-ESE	24 June 2019
26	Summer Vacation Period for Students / Internship Period (For Faculty As per departmental convenience)	13 May to 30 June 2019
27	Instructions Start for Next Semester	1 July 2019

Institute's Infrastructure Facility

Infrastructure Academic	<ul style="list-style-type: none"> • To provide conducive environment for academic excellence in engineering education. • To enhance research and development along with promotion to sponsored projects and industrial consultancy. • To foster development of students by creating awareness for need of society, sustainable development and human values. 			
Infrastructure Library	E-Site	Total No. of E-Books	Total No. of E-Journals	Utilization
	Pearson	446	-	For all branches of UG/PG & Ph.D. research students
	Delnet	10,955	400	
	Asce	392	38	
	Asme	394	34	
	Ndl	7,00,000+	4,102	
	Ieee+Pop	3,883	311	
	Knimbus	5,00,000+	70,000+	

<p>Infrastructure</p> <p>Computer Centre</p>	<p><u>Computer Centre Labs</u></p> <p>These laboratories are furnished with the latest technology in computers. Lab is well equipped with Multimedia Pentium II/III computers each with a color monitor. We also have color ink-jet printers, laser printer and scanner.</p> <p><u>Computer Lab-I, II, III</u></p> <p>These laboratories are furnished with the latest technology in computers. Lab is well equipped with Multimedia Pentium II/III computers each with a color monitor. We also have color ink-jet printers, laser printer and scanner.</p> <p><u>Microprocessor Lab</u></p> <p>These laboratories are furnished with the latest technology in computers. Lab is well equipped with Multimedia Pentium II/III computers each with a color monitor. We also have color ink-jet printers, laser printer and scanner.</p> <p><u>Project Lab</u></p> <p>These laboratories are furnished with the latest technology in computers. Lab is well equipped with Multimedia Pentium II/III computers each with a color monitor. We also have color ink-jet printers, laser printer and scanner.</p>																							
<p>Infrastructure</p> <p>Residential, Hostels</p>	<p style="text-align: center;">Intake capacity of hostel</p> <table border="1" data-bbox="415 1241 1487 1684"> <thead> <tr> <th data-bbox="415 1241 602 1293">Sr. No.</th> <th data-bbox="602 1241 1125 1293">Hostel</th> <th data-bbox="1125 1241 1487 1293">Capacity</th> </tr> </thead> <tbody> <tr> <td data-bbox="415 1293 602 1346">1</td> <td data-bbox="602 1293 1125 1346">Boys Hostel A</td> <td data-bbox="1125 1293 1487 1346">264</td> </tr> <tr> <td data-bbox="415 1346 602 1398">2</td> <td data-bbox="602 1346 1125 1398">Boys Hostel C</td> <td data-bbox="1125 1346 1487 1398">125</td> </tr> <tr> <td data-bbox="415 1398 602 1451">3</td> <td data-bbox="602 1398 1125 1451">Girls Hostel D (old)</td> <td data-bbox="1125 1398 1487 1451">117</td> </tr> <tr> <td data-bbox="415 1451 602 1503">4</td> <td data-bbox="602 1451 1125 1503">Girls Hostel E (New)</td> <td data-bbox="1125 1451 1487 1503">216</td> </tr> <tr> <td data-bbox="415 1503 602 1629">5</td> <td data-bbox="602 1503 1125 1629">PG Girl's Hostel E(New) (under construction)</td> <td data-bbox="1125 1503 1487 1629">70</td> </tr> <tr> <td data-bbox="415 1629 602 1684">6</td> <td data-bbox="602 1629 1125 1684">PG Boy's Hostel (Staff Quarter)</td> <td data-bbox="1125 1629 1487 1684">28</td> </tr> </tbody> </table>			Sr. No.	Hostel	Capacity	1	Boys Hostel A	264	2	Boys Hostel C	125	3	Girls Hostel D (old)	117	4	Girls Hostel E (New)	216	5	PG Girl's Hostel E(New) (under construction)	70	6	PG Boy's Hostel (Staff Quarter)	28
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The safety measures in laboratories are described in the following table

Sr.No	Name of the Laboratory	Safety Measures
1	Computer Engineering Lab 1	<ul style="list-style-type: none"> • Do's and Don'ts board • Electrical wiring as per Indian electricity rules • First aid kit • Fire extinguisher • Safety glasses and gloves • Proper earthing • Specific safety rules for students displayed. • Avoid the use of cell phones
2	Computer Engineering Lab 2	
3	Microprocessor & Micro-controller Lab	
4	Digital Electronics Lab	
5	Power Electronics Lab	
6	Electronic Measurement & Instrumentation Lab	
7	Communication Lab 1 (Analog and Digital Communication)	
8	Communication Lab 2 (Radar & Microwave Communication)	
9	Electronics Devices & Circuits Lab	
10	Engineering Exploration Lab	
11	Electronic workshop and project lab	
12	IOT Lab	
13	PG Lab	
14	Research Lab	

Departments' profile with infrastructure facilities

Sr. No.	Departments
1	<p>Civil Engineering Department: Head of the Department: Dr. R.M. Damgir.</p> <p>Civil Engineering is traditional branch of engineering and is amongst the founding courses when the institution was started. The department is located in the 'Annexe' building of the college. The department of civil engineering conducts both full time and part time undergraduate courses in civil engineering. It also conducts postgraduate programme in water resources engineering and a part time post-graduate programme in soil engineering.</p>
2	<p>Mechanical Engineering Department: Head of the Department : Dr. S. B. Chikalthankar</p> <p>The department of mechanical engineering was the first branch started in the college in 1960. Mechanical engineering is the oldest branch of engineering and so as a tradition it was also the first branch to be started in the college. research areas of department composite materials optimization techniques cryogenic processing refrigeration and multiphase flow renewable energy micro manufacturing vibration and acoustics finite element analysis salient features of department reputed department in the institute congenial administration glorious performance of alumni of the department in India and abroad conducted short term training programmes for the faculty organized seminars, conferences, and workshops.</p>
3	<p>Electrical Engineering Head of the Department : Prof. S.S. Dhamse</p> <p>The department of electrical engineering at the government college of engineering Aurangabad was established in 1960, foundation year of the institute and has a history of almost 50 years. The department offers full time undergraduate (B.E.) course in electrical, electronics and power & two postgraduate (M.E.) courses in</p>

	<p>electrical power system & electrical machines and drives. The department also offers part time undergraduate (B.E.) course in electrical, electronics and power & postgraduate (M.E.) course in electrical power system for the employees working in nearby industrial, government sectors. The alumni of the department are giving their excel performance in the field of electrical engineering in industrial, government organizations.</p>
4	<p>Electronics and Telecommunication Engineering Department: Head of the Department : Prof. R.P Chaudhari Department of E&TC had started U.G. course B.E. (E&TC) in 1986 with sanctioned intake of 40 and enhanced to 60 in 1996. Department also runs full time post graduate course M.E. (EC) and well equipped recognized research centre leading to Ph.D. (Electronics Engineering), part time BE (E&TC) and part time ME (EC) are also run to give opportunity to working graduates and diploma holders. The department has well qualified and dedicated faculty with an average teaching experience of these faculty members is more than 20 years.</p>
5	<p>Computer Science Engineering: Head of the Department : Dr. V.P. Kshirsagar Computers have captured the world. Today there is no single field were computers have not left a mark. The department of computer science and engineering established in 1986 is dedicated to produce students who excel in this field. The department aims at IT based Learning, development of entrepreneurship among student and become a centre of excellence. The department places high priority on establishing and maintaining innovative research programs that enhance the educational opportunity and encourage a broad base of extramural support to prepare future generations of computer professionals for long term careers in research, technical development and applications. the department has organized many series of expert lecture for the students on the latest developing trends in computer industry.</p>
6	<p>Information Technology: Head of the Department : Prof. C.M. Gaikwad Information technology discipline was started in 2000-01 in the government</p>

	<p>engineering college, Aurangabad. Department of information technology got established from academic year 2002-03. Starting aim was to implement the ug programme in information technology with intake capacity of 60. goals in the nearest future: - establishing the department as individual independent entity - setting up of modernized laboratories - development of departmental library - enhancing testing facilities - strengthening industry institute relations through interaction - motivating the faculty for higher education.</p>
7	<p>Master in Computer Application: Head of the Department : Dr. V.P. Kshirsagar</p> <p>Computers have captured the world today there is no single field where computers have not left a mark. The department of computer science and engineering established in 1986 is dedicated to produce students who excel in this field. The department aims at it based learning, development of entrepreneurship among student and become a centre of excellence. The department places high priority on establishing and maintaining innovative research programs that enhance the educational opportunity and encourage a broad base of extramural support to prepare future generations of computer professionals for long term careers in research, technical development and applications. The department has organized many series of expert lecture for the students on the latest developing trends in computer industry.</p>
8	<p>Applied Mechanics Department: Head of the Department : Dr. R.S. Londhe</p> <p>The department of applied mechanics is an important PG department in the institute. It not only runs PG programme in structural engineering with 18 intake capacity every year, but also caters to the needs of various UG programmes in the institute by teaching engineering mechanics, strength of materials, etc. The department has highest number of faculty members possessing PhD qualifications, who are quite interested in pursuing research work in structural engineering. The average teaching experience of these faculty members is more than 20 years. The department has faculty members Dr. P. B. Murnal, Dr S S Jamkar, Dr M G Shaikh, Dr M B Varma owning patents in the field of earthquake/structural engineering. Faculty members in</p>

	<p>the department have been performing at institute level shouldering responsibilities too; Dr P B Murnal, who is in-charge principal also, is rector as well. Dr S S Jamkar is currently dean (R & D), while Dr M G Shaikh is dean (Students Activities) at institute level. Dr S N Deshmukh is taking care of maintenance of buildings and other infrastructure in the institute.</p>
9	<p>Mathematics Department:</p> <p>Head of the Department : Prof. S.D. Ahirrao</p> <p>Mathematics is the basic need of all engineering sciences; hence it is included as a compulsory subject in the syllabi for all the branches of engineering education. Engineering mathematics is taught at first and second year of B.E. degree course as well as for M.E. and MCA courses. The subject is aimed at improving the basic mathematical skills of engineering students. The topics introduced will serve as basic tools for specialized studies in many engineering fields. Also discrete mathematics is taught to the computer science & engineering, MCA and I.T. students. Department has a well equipped computer lab. with essential software like maple which is helpful for the students in the completion of their research projects.</p>
10	<p>Applied Science Department</p> <p>Head of the Department : Dr. S.M. Desai, Physics</p> <p>Head of the Department : Prof. M.P. Bhusari, Chemistry</p> <p>Applied Science department includes two basic sciences 1. Physics 2. Chemistry the department conducts the course for the first year students of engineering to develop use of applied science for research and technical careers in industries, academia and government. for the better understanding of technical and engineering education system, which is useful for the research projects which not only use the fundamental aspects of applied science but also the practical and technological importance for the research through their theory, which is related to the various branches of science and engineering. The course is the bridge between science and engineering and its implementation through their applications, which provides a strong platform for the students to use fundamental concepts for developing the skills and to solve the problems.</p>

Facilities available in the Departments

- All The departments have separate buildings well equipped laboratories with sufficient infrastructural facilities. Labs are equipped with sufficient hardware and licensed software to run program specific curriculum and off program curriculum. The department also offers consultancy and testing services for industries. The faculty is actively engaged in various research and development projects, infrastructural development activities utilizing grants received from AICTE, UGC, and TEQIP etc. All laboratories are administered by a lab In-charge (faculty member), a Lab Assistant and a Lab Attendant, technical manpower.
- **Each department has following facilities such as;**
 - ❖ Classrooms, Tutorial room, Seminar room, Meeting room, Faculty room
 - a. Each classroom has black board, LCD projector, pc, and internet connection, tube light, fans, good studying environment.
 - b. Each tutorial room has black board, LCD projector, pc, internet connection, tube light, fans.
 - c. Each Seminar room has white board, LCD projector, pc, internet connection, meeting space, tube light, fans
 - d. Each meeting room has white board, LCD projector, pc, internet connection, meeting space, tube light, fans
 - e. Faculty room has white board, pc, internet connection, meeting space, tube light, fans.

(All the doors and windows in the rooms are located to allow maximum daylight and provide good cross ventilation. All the doors are sufficiently wide and available in adequate numbers, to evacuate people inside in case of emergency. All the rooms provides good academic ambience.)

- All the departments is well equipped with all facilities to implement teaching and learning with multimedia and audio-video tools with vast digital e-resources through online e-resources and e-learning server. Teaching aids are summarized as below,

- a) Chalk board /White Board
- b) Digital Board
- c) Multimedia projectors
- d) Overhead projectors
- e) Learning resources;
- f) IEEE Xplore,
- g) Science direct,
- h) DELNET,
- i) Pearson EBooks,
- j) Knimbus
- k) National Digital Library
- l) ASCE Journals
- m) Elsevier E-Journals
- n) NPTEL/Swayam

(NPTEL video lectures are available on e-server of the department and students have their own access to use this as independent learning.)

➤ **Other Facilities such as;**

1. Wi-Fi enabled campus with 01 mbps speed
2. Latest desktop computer with accessories Server
3. Software (licensed) (As required / Pre-loaded)
4. UPS- 5 KVA with 40 min. back-up
5. Air-conditioner
6. Structured networking
7. Multi-function printer
8. E-Learning portal
9. Internet facility
10. Open sources hardware repository
11. Engineering Exploration and Project Lab
12. Surveillance Cameras
13. Ramp/wash rooms/wheel chair etc.

NBA Accreditation Status of UG and PG programmes:

Total no. of programmes eligible for accreditation (at least one batch pass out): 06

No. of programmes accredited: all six programmes accredited twice

No. of programmes applied for accreditation: two UG programme.

Sr. No	Name of Programme	Accreditation Validity	Status
1	M.Tech. Structural Engineering (PG)	From : 2017-07-01 - To : 2019-06-30	Accredited
2	B. Tech. Electronics and Telecommunication (UG)	-	Applied
3	B. Tech. Civil Engineering (UG)	-	Applied

Programmes offered (UG, PG, PhD)

S. No.	Name of the Program	Name of the Dept.	Year of Start	Intake	Increase in intake, if any	Year of increase	AICT E Approval	Accreditation Status*
01	B.E. Mechanical Engineering	Mechanical Engineering	1960	60	NA	NA	Y	Not eligible for accreditation
	M.E. Production		2006	18	NA	NA	Y	Not eligible for accreditation
02	B.E. Electrical Engineering	Electrical Engineering	1960	60	NA	NA	Y	Not accredited Date of Visit: Oct.13-15, 2017
	M.E. Electrical Machine Drives		2009	30	NA	NA	Y	Not eligible for accreditation
	M.E. Electrical Power Systems		2009	18	NA	NA	Y	Not eligible for accreditation
03	B.E. Civil Engineering	Civil Engineering	1960	60	NA	NA	Y	Applying for the first time*
	M.E. Water Resource Engineering		2003	18	NA	NA	Y	Not eligible for accreditation
04	M.E. Structures	Applied Mechanics	2004	18	NA	NA	Y	Provisionally Accredited for 2 years (AY 2017-18 to 2018-19 i.e. up to 30-6-2019)

05	B.E. Computer Science & Engineering	Computer Science & Engineering	1986	40	1996	60	Y	Not eligible for accreditation
	M.E. Computer Science & Engineering		2009	18	NA	NA	Y	Not eligible for accreditation
	M.C.A.		1992	30	2009	60	Y	Eligible for accreditation & application process underway
06	B.E. Electronics & Telecommunication Engineering	Electronics & Telecommunication	1986	40	1996	60	Y	Not accredited Date of Visit: Oct.13-15, 2017.Applied for Second time
	M.E. Electronics	Telecommunication	2004	18	NA	NA	Y	Not eligible for accreditation
07	B.E. Information Technology	Information Technology	2000	60	NA	NA	Y	Not eligible for accreditation
08	B.E. (Mechanical Engineering) Part Time	Mechanical Engineering	1995	30	NA	NA	Y	Not eligible for accreditation
09	B.E. (Electrical Engineering) Part Time	Electrical Engineering	1995	30	NA	NA	Y	Not eligible for accreditation
10	B.E. (Electronics & Telecommunication Engineering) Part Time	Electronics & Telecommunication Engineering	1995	30	NA	NA	Y	Not eligible for accreditation
11	B.E.(Civil Engineering) Part Time	Civil Engineering	1995	13	NA	NA	Y	Not eligible for accreditation
12	M.E(Civil Soil) Part Time	Civil Engineering	1986	13	NA	NA	Y	Not eligible for accreditation
13	M.E.(Structures) Part Time	Applied Mechanics	1986	13	NA	NA	Y	Not eligible for accreditation
14	M.E.(Production) Part Time	Mechanical Engineering	1996	13	NA	NA	Y	Not eligible for accreditation
15	M.E. (Electrical Power System) Part Time	Electrical Engineering	1986	13	NA	NA	Y	Not eligible for accreditation

16	M.E. (Electronics Engineering) Part Time	Electronics & Telecommunication Engineering	1986	13	NA	NA	Y	Not eligible for accreditation
17	M.E. (Computer Science and Engineering) Part Time	Computer Science and Engineering	2001	20	NA	NA	Y	Not eligible for accreditation
18	M.E. (Mechanical Design) Part Time	Mechanical Engineering	1986	13	NA	NA	Y	Not eligible for accreditation

PHD Programs			
Sr.	Courses	Starting Year	Intake Capacity
1	Ph.D. Civil Engineering	2007	16
2	Ph.D. Electrical Engineering	2003	18
3	Ph.D. Mechanical Engineering	2003	18
4	Ph.D. Structural Engineering	2006	26

Students strength (UG, PG, PhD): Sanctioned Intakes & Actual Intakes

Sr.No.	Programs	Sanctioned Intakes				Actual Intakes			
		FY	SY	TY	BE	FY	SY	TY	BE
UG									
01	B.E.(Civil Engineering)	60	–	–	–	62	74	75	70
02	B.E.(Mechanical Engineering)	60	–	–	–	63	77	68	71
03	B.E.(Electrical-Electronics & Power)	60	–	–	–	63	73	72	75
04	B.E.(Electronics & Telecommunication)	60	–	–	–	64	75	69	69
05	B.E.(Comp Science. & Engineering)	60	–	–	–	65	73	76	78
06	B.E.(Information Technology)	60	–	–	–	62	73	64	73

Sr.No.	Programs	Sanctioned Intakes		Actual Intakes	
		FY	ME	FY	ME
PG					
01	M.E. Computer Science & Eng	20	–	16	17
02	M.E. Electrical Machine And Drives Eng	13	–	13	14

03	M.E. Electrical Power Systems Eng	18	–	17	15
04	M.E. Electronics Eng	18	–	13	19
05	M.E. Production Engineering	18	–	17	16
06	M.E. Structure Eng	18	–	16	16
07	Me Water Resource Eng	18	–	15	15

Sr. No.	Programs	Sanctioned Intakes			Actual Intakes		
		FY	SY	TY	FY	SY	TY
01	Masters in Computer Application	60	60	60	60	48	54

Candidates completed/doing PhD 2018-19						
Sr. No.	Name of Research Scholar	Full Time / part-time	Guide Allotted	Topic of Research	Date of Admission	Completed/ Not completed
1	S. C. Dharmadhikari	Part-time	Dr. S.S.Jamkar	Experimental Investigation on Mix Proportioning of Concrete Using Recycled Concrete Aggregates	2018-19	Ongoing
2	Amratwar Ganagadhar V.	Part-Time	Dr. U.V. Hambire	Modeling of Solar Power & Refrigeration System	03/11/2018	Ongoing
3	Wankhede Sachin	Part-Time	Dr. S.B. Chikalthankar	Thermal Analysis Fins Structure and Evaluation of Thermal Balance of Transformer and Furnaces	03/11/2018	Ongoing
4	Prachi Hardas Bhagat	Part-Time	Dr. A. S. Bhalchandra	Gesture Analysis using Image Processing	22/08/2018	Ongoing
5	Nigam Anurag	Part-Tim	Dr. A.R. Karawankar	High Integrated Low Power RADAR System using Sub-Chip Sampling Method	22/08/2018	Ongoing
6	Sheetal Gundre	Part-Time	Dr. V.R.Ratnaparkhe	Design and Analysis of Molopole Antenna	22/08/2018	Ongoing

Total number of Engineering Students: UG Students

Sr. No.	Information	Total No. of Students
1	Total no. of male students	1135
2	Total no. of female students	557
3	Total no. of students	1692

PG Students all student

Sr. No.	Information	Total No. of Students
1	Total no. of boys	214
2	Total no. of girls	156
3	Total no. of students	370

Faculty & Staff positions: Sanctioned positions and Filled-in positions

Sr. No.	Information	Numbers
1	Sanctioned Positions for Faculty	136
2	Filled-in positions Faculty	82
3	Sanctioned Positions for Staff	163
4	Filled-in positions Staff	127

Regular Employees (Faculty and Staff):

Sr.	Information	Gender	Numbers
1	Faculty in Engineering	Male	41
		Female	33
2	Faculty in Maths, Science & Humanities teaching in engineering Programs	Male	05
		Female	01
3	Non-teaching staff	Male	114
		Female	13

Contractual Staff Employees (Faculty and Staff)

Sr.	Information	Gender	Numbers
1	Faculty in Engineering	Male	24
		Female	26
2	Faculty in Maths, Science & Humanities teaching in engineering Programs	Male	03
		Female	04
3	Non-teaching staff	Male	00
		Female	00

Exam Results Analysis

The answer scripts are evaluated by internal and external evaluators. After evaluation an open house is conducted where students can also see the answer scripts. Queries are immediately solved at open house by the evaluator. If the student is not satisfied with evaluation he/she can appeal to Departmental Academic Appellate Board (DAAB). The DAAB functions are;

- To receive grievance/ complaints in writing from the students regarding anomaly in award of grades due to bias, victimization, erratic evaluation, etc. and redress the complaints.
- To interact with the concerned course co-ordinator and the student separately before taking the decision.
- The recommendations of the DAAB shall be communicated to the dean (academic) and principal for further appropriate action if required. The marks are then converted into grades, and finally grade points are awarded.

Ensuring paper setting and evaluation based on OBE philosophy adopted by the department:

Once the result is declared, the attainments of CO based on direct method are calculated. This necessitates the OBE philosophy to be adopted. CO-wise questions are to be framed. Options in the questions are also to be within the same CO.

Credit & Evaluation system The Grading System

a. The grading system for undergraduate programs as recommended by dean (academics) and approved by academic council is followed for declaration of results. For every course taken by a student, he/she is assigned a grade based on his/her combined performance in all the heads of assessments. The grade indicates a qualitative assessment of the student's performance and is associated with equivalent number called a grade point. The course coordinator provides term work/practical/oral/ viva-voce or any other heads of assessment at course coordinator level in the form of relative grades based on internal and/or external assessment as applicable amongst the appearing students. The academic performance is graded on a ten grade point scale following guidelines given below for undergraduate classes.

b. The letter grades (up to D only) awarded to a student in all the courses is converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). Detailed grading system is available on the website of the college:

<http://geca.ac.in/home.aspx> and button, [CBSC Rules and Regulations \(Full Time/Part Time\)](#)

B.Tech. First Year II sem Result (Progression Data)			
Sr. No.	Branch	Total Student First & Second Semester	Total Pass First Year
1	Civil Engineering	62	29
2	Mechanical Engineering	63	41
3	Electrical Engineering	63	33
4	Electronics Engineering	64	36
5	Computer Science Engineering	65	43
6	Information Technology Engineering	62	37
Total		379	219

Examination Committee 2018-19

Sr.No	Name	Designation
1	Principal	Chairman
2	Controller of Examinations, Dr. B. A. Marathwada University, Aurangabad	Representative of Controller of Examinations
3	Dr. B.M. Naik, Former member of Board of Management	Evaluation Expert
4	Dr. S. M. Desai, Associate Professor, Physics	Member
5	Dr. S. S. Jamkar, Professor, Civil Engineering Department	Member
6	Dr. A. A. Bhole, Associate Professor, Electrical Engineering Department	Member
7	Dr. S. M. Shinde, Controller of Examination and Associate	Member Secretary

Transition Rate of UG Students

Sr.No	Total No. of students in First Year	Total no. of students promoted to second year	Percentage (%)
1	379	219	57.78 %

GATE Qualified Student's Data

Sr	Academic Year	No. of Students Enrolled	No. of Students Valid Score	Percentage %
1	2018-19	295	95	32
2	2017-18	288	83	29

Branch-Wise GATE Qualified

Academic Year 2018-19		
Sr No	Branch	No. of Student GATE Qualified
1	Civil Engineering	28
2	Mechanical Engineering	12
3	Electrical Engineering	20
4	Electronics and Telecommunication Engineering	07
5	Computer Science and Engineering	18
6	Information Technology	10
TOTAL		95

Training Programmes for Students

Sr.No.	Date	Title of Training Program	Conducted By	Target Audience
1	25/07/18 to 2/08/18 28/07/18 to 05/08/18	Employability Skills Enhancement training program under TEQIP III	C. L. Educate Ltd., Mumbai	147 students BE(All Branches)
2	1 st Oct to 6 th Oct 18	Employability Test by Aspiring Minds Pvt. Ltd.	Aspiring Minds Pvt. Ltd.	UG, PG
3	19/10/18	Careers Guidance for Job Opportunities in Banking Sector	Shri Sumit Udaygiri	BE (All Branches)
4	16/02/18	Internet of Things	Shri Deepak Ingawale, TCS Pune	TE (All Branches)
5	04/03/19 to 13/03/19	Employability Skills Enhancement training program under TEQIP III	Universal Education, Bangalore	220 students TE(All Branches)
6	03/04/18	Motivating Students to participate in contest EngiNX, TESTimony	Tata Consultancy Services	SE, TE & BE(All Branches)
7	09/04/2019	Post offer Connect Program by TCS	Mandeep Bagchi, Tata Consultancy Services, Pune	BE (ALL Branches)
8	ODD-EVEN Term 18-19 LNTTS Techgium	Motivating final year students to register and Submit Abstracts for TECHgium Contest	Contest Launched by L & T Technology Services	BE (All Branches)
9	EVEN TERM 18-19	Imagine-Hackathon 2019	A Hackathon contest launched by Principal Global Services, Pune	TE (IT) 5 students
10	1 st Aug 18 to 21 st Aug 18	Induction Programme, Communication Skills, Arts, Yoga, Sports, Expert talks, Transformation Workshop	Government College of Engineering, Aurangabad	ALL FE students
11	29 th March 4 th April 19	Y-SELP	Art of Living	ALL SE students

12	August 2019	CREO Software Training August 2019	IGTR Aurangabad	TE MECH 53 student
13	Februarys 2019	CNC Programming	CIPET Aurangabad	M Tech Production 16 students
14	April 2019	CNC Programming	Ujjain Collage of Engineering Ujjain	M Tech Production 16 students
15	December 2018	Training on Laser cladding process MATLAB	VNIT Nagpur	2 PG student
16	-	National Program on Technology Enhanced Learning Courses	SWAYAM Portal MHRD Govt.of India	UG and PG students

Expert Lectures Arranged for institutes students

Sr.No	Title of the Lecture Subject/Area	Resource Person	Date
1	Internet of Things	Shri Shelgaonkar, Videocon, Aurangabad	17-01-2018
2	Applications of Digital Image Processing for Diagnostics	Dr. Balaji Texrad, UK	23-03-2018
3	Indian Space Research Organization (ISRO) GSAT Mission	Mr Mahendra Lamture, ISRO	10-09-2018
4	How to prepare for GATE/ISRO Examination	Mr Mahendra Lamture, ISRO	10-09-2018
5	Roadmap of Engineering Education in MSEB, Role of Electronics and Electrical Engineering students	Mr Rohidas Alhat, Deputy Engineer, MSEB	31-01-2019
6	Signal Processing & its application and IETE student chapter guidance	Dr Madhuri Joshi, Retired Professor, COEP	01-03-2019

Training programmers held for Teachers & Staff

List of Faculty attended either their subject domain, pedagogy, or management capacity building & leadership Programs in A.Y. 2018-19

Sr. No.	Name of Faculty	Activity / Program	Schedule	Venue
1	Prof.P.V. Kulkarni	3rd International Conference on Information and Communication Technology for Intelligent Systems	06 to 07-04-2018	Ahmadabad India
2	Dr.R.M.Damgir	Advance Course on Structural Health Monitoring Technologies for Critical Infrastructure (SHMTC-2018)	25 to 27-04-2018	SIR-SERC, Chennai
3	Dr.S.S. Jamkar	Advance Course on Structural Health Monitoring Technologies for Critical Infrastructure (SHMTC-2018)	25 to 27-04-2018	SIR-SERC, Chennai
4	Dr.S.N. Deshmukh	Advance Course on Structural Health Monitoring Technologies for Critical Infrastructure (SHMTC-2018)	25 to 27-04-2018	SIR-SERC, Chennai
5	Dr.S.S. Koranne	Five day short term training Programme (STTP) on Emerging Trends in Pavements Geotechnics (ETPF-18)	30-04-2018 to 04-05-2018	IITRM, Ahmadabad, gujarat
6	Prof.K.S.Wasankar	Faculty Development Program on Engineering Exploration course	14 to 18-05-2018	BVB college of Engg. and technology, KLE Tech University, Hubli
7	Dr.P.B. Murnal	Faculty Development Program on Engineering Exploration course	14 to 18-05-2018	--do--
8	Dr.U.V. Hambire	GIAN Training, Advance Course on Sustainability in Material & Design	21-05-2018 to 01-06-2018	NIT, Jaipur
9	Dr.D.G. Regulwar	STTP on Sustainable Water Resources Management under Changing climate held	28/05/2018 to 02/06/2018	IIT, Indore
10	Prof.Dr. A.A. Bhole	FDP on Advance condition monitoring methods for power equipment	25 to 30 June-2018	NIT, Calicut
11	Prof.S.S. Swami	FDP on Advance condition monitoring methods for power equipment	25 to 30 June-2018	NIT, Calicut

12	Prof.R.B. Mannade	STTP: A Practical Approach towards Data Science and Artificial Intelligence	29/05/2018 to 02/06/2018	Bhopal, M.P.
13	Prof.M.S.Morey	STC on "Power Converter Design on 07 to 11 - June -2018 at Surtkal Karnataka"(5-Days)	07 to 11 - 06 -2018	Surtkal Karnataka
14	Prof.S.B.Gundre	Advance in RF communication & Antenna Design-II	12 to 16/06/2018	SPIT, Mumbai
15	Prof.S.D. Sapkal	One Week STTP on Machine Learning; The journey of transforming Technology	03 to 07/07/2018	JNEC, A'bad
16	Prof.K.R.Sarode	(FDP)STTP on Machine Learning: The Journey of Transformation technology	03 to 07-07-2018	MGM,JNEC, Aurangabad
17	Prof.V.P. Gaikwad	STTP on Machine Learning: The Journey of Transforming	03 to 07 - 07-2018	MGM,JNEC, Aurangabad
18	Prof.M.R. Bachawad	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
19	Prof.V.A. Chakkarwar	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
20	Dr.M.H. Nerkar	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
21	Dr. V.R. Ratnaparkhe	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
22	Prof.P.D. Pathak	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
23	Dr.M.G. Shaikh	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
24	Dr. N.R. Bhasme	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
25	Dr..U.N. Shete	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad
26	Prof.D.S. Sali	One Day Workshop on "Outcome based Education : philosophy " by Dr. B.N. Chaudhari, COE, Pune	13/07/2018	GEC, A'bad

		Chaudhari, COE, Pune		
27	Prof. S.S. Dhamse	TEQIP-III Training on Financial Management Manual and PFMS training	02 to 03/08/2018	SPCE, Mumbai
28	Prof.S.M. Kabra	3rd International Conference ICT for SD-2018 (ICT4SD-2018) co-located with (IRSCNS-2018)	30 to 31/08/2018	Panji, Goa
29	Dr.I.K.Pateria	Indian Road Congress	22 to 25-11-2018	IRC, Nagpur
30	Dr.P.C. Shetiye	Professional Development Training (PDT)	26 to 30-11-2018	IIM, Raipur
31	Prof.V.A.Chakkarwar	FPP-on AI & Deep Learning using Machine Learning	01 to 05-01-2019	JNEC, Aurangabad
32	Prof.S.M.Chavan	One Week FDP on AI using Deep Learning	01 to 05-01-2019	JNEC, Aurangabad
33	Dr.U.J. Kahalekar	Workshop on “ To aware stakeholder and Highlight new features of APH 2019-20” organized by AICTE	15 to 17-01-2019	Gujarat
34	Dr.S.M. Shinde	Professional Development Training (PDT)	19 to 21-01-2019	IIM, Udaipur
35	Prof.C.M. Gaikwad	Paper Presentation of Research paper in International Springer	21 to 22-01-2019	Solapur
36	Prof.A.N. Ghule	Paper Presentation of Research paper in International Springer	21 to 22-01-2019	Solapur
37	Prof.S.R. Pardeshi	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
38	Prof.R.P. Chaudhari	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
39	Dr.A.R. Karwankar	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
40	Prof.S.S. Agrawal	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
41	Dr.S.D. Bharkad	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
42	Dr. A.S. Bhalchandra	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad
43	Dr.R.S. Londhe	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’Abad

44	Dr.S.N. Deshmukh	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
45	Dr.S.B. Chikalthankar	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
46	Prof.M.S. Harne	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
47	Dr. S.A. Patil	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
48	Dr.V.A. Kulkarni (Deodhar)	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
49	Dr.V.P. Kshirsagar	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
50	Prof.V.P. Gaikawad	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
51	Prof.M.R. Joshi	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
52	Prof.M.B. Varma	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
53	Dr.S.A. Bhalchandra	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
54	Prof.S.M. Desai	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
55	Prof.S.P. Atipamulu	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
56	Prof.S.S. Mopari	One Week FDP on “Outcome Based Education with Assessment and Evaluation”	21 to 25-01-2019	GEC’ Abad
57	Prof.P.H. Bhagat	Three Day Workshop on "Entrepreneurship and innovation" in Twinning with UEC, Ujjain Mentee Institute	8 to 10-02-2019	I.T. Seminar Hall, GECA
58	Dr. M.B. Nagori	Three Day Workshop on "Entrepreneurship and innovation" in Twinning with UEC, Ujjain Mentee Institute	8 to 10-02-2019	I.T. Seminar Hall, GECA
59	Prof.V.J. Pawar	International conference on Emerging Technologies in computer Engineering.	01 to 02-02-2019	Jaipur
60	Prof.R.B. Mannade	STTP on Machine Learning, Deep Neural Networks & ASR (ASR-2019)	8 to 12/03/2019	Hydrabad
61	Dr.Y.U. Sathe	International Conference on Digital Pedagogy organised by NPIU	01to 03/04/2019	AICTE, Auditorium New Delhi

62	Dr.S.S. Mohite	International Conference on Digital Pedagogy organised by NPIU	01to 03/04/2019	AICTE, Auditorium New Delhi
63	Dr. A.M Nikalje	Two Days workshop on Design Thinking for Educators	09 to 10/05/2019	GEC, Abad
64	Prof.S.R. Kulkarni	Two Days workshop on Design Thinking for Educators	09 to 10/05/2019	GEC, Abad
65	Prof. M.G. Rathi	Two Days workshop on Design Thinking for Educators	09 to 10/05/2019	GEC, Abad
66	Dr.M.H. Nerkar	Two Days workshop on Design Thinking for Educators	09 to 10/05/2019	GEC, Abad
67	Dr.A.V. Gulve	Two Days workshop on Design Thinking for Educators	09 to 10/05/2019	GEC, Abad
68	Prof.S.S.Dhamse	Training Progrmme on Conflict Resolution & Strategic Financial Management	16 to 23 June, 2019	Leh, Ladakh
69	Prof.Dr.N.R. Bhasme	Training Progrmme on Conflict Resolution & Strategic Financial Management	16 to 23 June, 2019	Leh, Ladakh
70	Prof.S.S. Kulkarni	STTP Training Programme on Recent Trends in Control System and Application	1 to 05-07- 2019	SGGSIT, Nanded
71	Dr.S.B. Chikalthankar	Professional Development Training (PDT)	18 to 22-06- 2019	IIM, Kazhikode
72	Prof.K.R. Madavi	Professional Development Training (PDT)	18 to 22-06- 2019	IIM, Kazhikode

Internship Details

The interaction of Technical Institutions with the industries has been restricted to the level of faculty communications and industrial visits by the students generally. The institutions are under a great stress to renew education offered by them, to be as close as possible to the industrial requirement and expectations. Competition in the job sector is rising exponentially and securing entry-level jobs is getting very difficult, as the students passing out from technical institutions lack the experience and skills required by industry. Students Internship is one of the important mandates of AICTE and Students key performance parameter of the Institute. The main aim of internships is to enhancement of the employability skills of the students passing out from Institutions.

To get the practical knowledge the institute students are encouraged to go for the industrial trainings. Internships are also part of their regular curriculum. In this training, students will have to make a study of industrial technologies, processes, practices and work culture of industries and submit the reports to the university. Professor-in-charge from institute and Expert from industry will guide the student during industrial training. The training period will be of 2 to 6 weeks preferably during winter or summer vacation period of the institute. Such trainings will also provide an additional opportunity to both institute and industries to develop collaborative approach for future industry and institute interactions.

Sr. No.	Branch	No. of Students gone for Internship
1	Civil Engineering	42
2	Mechanical Engineering	78
3	Electrical Engineering	90
4	Electronics and Telecommunication Engineering	47
5	Computer Science and Engineering	60
6	Information Technology	49
Total No. of Students gone for Internship		366

Campus Placement Data 2018-19

There is separate placement cell in institute. Cell interacts with various industrial, management and research organizations in the country with the aim of providing adequate technical exposure / industrial training to the students and also enabling them to get employment in the different organizations.

Placements Details:

Sr. No.	Department	No. of Students Placed (UG)	No. of Students Placed (PG)
1	Civil	09	00
2	Mechanical	43	00
3	Electrical	22	01
4	Electronics	42	06
5	CSE	63	03
6	IT	52	N.A.
7	MCA	N.A.	10
Total Placement		231	20

Students are placed in Multinational companies like Tata Consultancy Services, Principal Global Services, Larsen and Toubro, Wipro, Varroc, Hella etc. Following table indicates the employer list for the mentioned years.

Pay Package:

The median package offered during 2016-17 is Rs.4.00/- LPA (Lakh per annum). The median package offered during 2017-18 is Rs.4.00/- LPA and the median package offered during **2018-19 is Rs. 3.55/- LPA.**

Sponsored R&D Projects in-hand

Research Proposal under Collaborative Research Scheme

Title of Project: Design and Development of **PV-STATCOM** for solar power integration to Electric grid and for mitigating grid operational issues (**CRS Scheme-AICTE for TEQIP-III Faculties**)

Grant Received: Rs. 18.07 Lacs

List of Researchers:

- Principal Investigator** : **Mr. Anshul Awasthi**
Assistant Professor (TEQIP-III)
Electrical Engineering Department
Ujjain Engineering College, Ujjain
- Co-Principal Investigator (1)** : **Prof. C. K. Sharma**
Associate Professor
Electrical Engineering Department
Ujjain Engineering College, Ujjain
- Co-Principal Investigator (2)** : **Dr. Mahmadasraf A. Mulla**
Associate Professor
Electrical Engineering Department
National Institute of Technology, Surat
- Co-Principal Investigator (3)** : **Dr. Akash Kumar Shukla**
Assistant Professor (TEQIP-III)
Electrical Engineering Department
Ujjain Engineering College, Ujjain
- Co-Principal Investigator (4)** : **Dr. A. A. Bhole**
Associate Professor
Electrical Engineering Department
Government College of Engineering (Mentor)
Aurangabad Maharastra

R&D achievements

- One Project Group from BE CSE got the best project award by TCS and prize money of Rs. 20,000/- for the Academic Year 2018-2019
- Dr.Meghana Nagori Organized a special session on “Machine Learning and applications” at 3rd international conference on Smart trends for computing and communications SmartCom 2019) Springer Conference in Bangkok ,Thailand on 24-25 jan.She was also session chair for one of the conference themes.
- Dr Meghana Nagori has undertaken research project from April 2019 on “Blockchain tools for circular economy” with radical innovations group ab, Finland whose objective is smart waste management of plastic waste within the college ecosystem.
- Research Lab Developed in mechanical engineering department, faculties are keen for development of research labs which provides opportunities for research to PG students and research scholars. In this reference department has purchased following research equipment

Sr. No	Name of Equipment	Application
1.	3D Printer	3D prototyping allows manufacturing prototype part from CATIA model, it allows verifying designs, testing part functionality and demonstrating an idea well before moving into production when time and cost for changes becomes prohibitive.
2.	Reciprocating Tribometer	This is used for characterization of material used in Automobile to Medical application
3.	Scratch Tester	Allows testing friction wear hardness, characterization of materials that are under coating, measurement of rupture of coating of tool is possible.
4.	Micro Hardness Tester	Applicable in hardness testing of steel and its alloys. It is applicable for Vickers hardness of the material.

Conferences Training/workshop etc. held in the institute

Sr. No	Title of Training/workshop/ conference etc.	From Date	To Date	Broad Area
1	Entrepreneurship and Innovations	08-02-2019	10-02-2019	Entrepreneurship and innovations: idea generation, technology and innovation process, how to research and develop a technology, market
2	Electro Magnetic Analysis using EMTP	19-01-2019	23-01-2019	Electromagnetic Transients Program (EMTP), Electro Magnetic Analysis.
3	Environment and Energy 5E's	06-10-2018	06-10-2018	Environment, Energy
4	Python Programme for Image Processing	19-09-2018	23-09-2018	Python Programming Language, Image processing
5	Brain Computer Interface (BCI) and writing Skills for research projects	10-07-2018	12-07-2018	Brain Computer Interface, writing Skills, Research Project
6	Recent advances in Electromagnetic RF and Radar signal Processing	11-06-2018	15-06-2018	Electromagnetic RF and Radar signal Processing
7	Blockchain Technology and Applications	08-09-2018	11-09-2018	Blockchain Technology : Properties of Blockchain, Set Up Solution, Consensus Mechanisms, Hyper Ledger, Multi-chain
8	Outcome Based Education with Assignment and Evaluation	21-01-2019	25-01-2019	Outcome Based Education (OBE) with Assignment and Evaluation. (Academic Reforms)
9	OBE philosophy	13-07-2018	13-07-2018	Outcome Based Education (OBE)

10	Training the trainers for the course Engineering Exploration	03-08-2018	07-08-2018	Engineering Exploration, Project Based Learning (PBL)
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Consultancy Projects

Sr.No	Date	Name of supplier	Subject
1	02-08-2018	Proprietor. Kaleshwari sports pimple gurav Pune	About inspection on gym equipment
2	14-08-2018	Shree Nilesh Chatrabandh swastika indistrial corporation MIDC Shendra Aurangabad	Equipment Inspection heavy duty steel Rack with Double
3	01-10-2018	M.Active furnisher industries Plot no .09 Shivajinagar Aurangabad	About getting Quality control certificate
4	13-01-2019	M.Swami Udyog MIDC Jalna	About inspection of gym Equipment
5	26-02-2019	Head of Department (electrical)Aurangabad Municipal corporation	About centralized air conditioning
6	22-03-2019	Gram panchayat satara tq.Dist.Aurangabad	Reverse osmosis water plan
7	30-03-2019	Deputy Executive officer Aurangabad	Sample inspection of Table chairs etc.

Consultancy projects

Sr.No	Name & address of Firm
1	Ass. Engineer, MJP, Aurangabad
2	Yash Innovative Solution , Aurangabad
3	State Const . I works pune

4	D.E. & PA II Mide Aurangabad
5	Mukshyadhikari Nagarparishad khultabad
6	Dy.Engineering MIDC Aurangabad
7	Dy.Engineering MIDC Kolhapur
8	Sai Construction pune
9	Sub.Div Officer P.W. Sub Div Muktainagar
10	Dy. Engineering MIDC Aurangabad
11	Sub Div Engineering PWD sillod
12	Sub Div Officer P.W. Sub diva Muktanagar
13	Dy. Engineering MIDC Aurangabad
14	Sr. plant Manager HPCL Aurangabad
15	J.N. Makwana Rajkot Gujrat
16	Ex. Engineer CIDCO MIDC pune
17	Ex. Engineer CIDCO MIDC Aurangabad
18	Dy. Man agar MSW Corpo Aurangabad
19	Ass. Engineer PWD Aurangabad
20	Dy. Engineer MNC Aurangabad
21	Simar Pride Aurangabad
22	Ex. Engineer BAMU Aurangabad
23	Ass. Engineer MJP Aurangabad
24	Dy. Engineer MNC Aurangabad
25	Dy.Engineer Cidco Aurangabad
26	Maha Gramin Bank Aurangabad
27	A.C. Shaikh Contractor Ahmednagar

Sr. No.	Name of Firm	Year
1	Shrihari Associate Aurangabad	April 2018
2	Shrihari Associate	April 2018
3	Modern Road IRB A bad	April 2018

4	Collector office Parbhani	April 2018
5	AMC Aurangabda	Janyray 2019
6	N.P. Gangapur	February 2019

Consultancy Projects

Sr. No.	Name of Agency	Name of Work	Date
1	The Project Manager TSPL & PCCPL (JV) Navi Mumbai-400703	Construction of RoB along with Approach road for JNPT Dry Port at Jalna Chainage 167/400 Km.	02.01.2019
2	Hon. Collector Buldhana, Dist.- Buldhana	Technical Audit Reports of Third Party Inspection of Various Works carried by M.C. Jalgaon Jamod in Buldhana district.	16.01.2019
3	Executive Engineer MSRDC Ltd., Camp Office Aurangabad	Structural audit of VUP at Ch.27+29 on N. H. section Mantha taluka border to Partur section of NH548c-length- 51.262 Km in Jalna district.	17.01.2019
4	The Executive Engineer MIDC, Civil Division, Aurangabad	Scrutiny Report of the RCC Design and Drawing for the Construction of Common Facility (CFC) , G + 2 Storey RCC Building at AM-4 in Shendra MIDC Industrial Area , Aurangabad	18.01.2019
5	Proprietor Parikh Kashap Indulal Rajkot	Scrutiny Report of the RCC Design and Drawing for the Construction of MSSR Single Storey RCC Building at Aurangabad Airport , Aurangabad	18.01.2019
6	Executive Engineer PWD, Aurangabad	Structural audit of RCC Cobalt Therapy Unit building, GHATI, Medical Hospital, Aurangabad	25.01.2019
7	Hon. Collector ,Buldhana, Dist.- Buldhana	Third party inspection of Proposed Construction of first floor of circular building at, Nagshen Sanskrutik sabhagruh, Chikhali, dist. Buldana	10.02.2019
8		Construction of Minor Bridge on the road going towards Kabrasthan in Old town at Chikhali	

9	The Executive Engineer, MIDC Civil Division, Chinchwad Pune-19	Structural Audit Report : Ahmednagar Industrial Area..Permanent water supply scheme .. Construction of booster pumping station connecting in forest survey No. 301 @ village Dehere	20.02.2019
10	Hon. Collector Dist.- Ahemadnagar	Technical Audit Reports of Third Party Inspection Construction of various works carried , carried by M.C. Shrigondha , in Ahemedanagar district.	22.02.2019
11	Hon. Collector Buldhana, Dist.- Buldhana	Technical Audit Reports of Third Party Inspection of Various Works carried by M.C. Chikhali in Buldhana district.	27.02.2019
12	Hon. Collector Buldhana, Dist.- Buldhana	Technical Audit Reports of Third Party Inspection of Various Works carried by M.C. Jalgaon Jamod in Buldhana district.	27.02.2019
13	Chief Engineer (O / M) TPS Parali Vaijanath Dis.-Beed	Remedial Measures Report of Concrete Road from Gangakhed Road up to Entrance of Unit No. 6 , 7 at NPTPS gate Parali-V	22.02.2018
14	The Executive Engineer Aurangabad Municipal Corporation, Aurangabad	Scrutiny Report of RCC Design and Drawing of Construction of Minor RCC Bridge at A/C Nalla Near Rathi Tower , Dashmeshnagar, Aurangabad	05.02.2018
15	The Executive Engineer-I Aurangabad Hsg & Area Development Board Aurangabad	Scrutiny Report of the RCC Design and Drawing for the Construction of 240 Ts EWS and 80Ts MIG, (G + 3) Storey RCC Building on GNo. 09 at Nakshtrawadi, Aurangabad	23.02.2018
16	The Chief Executive Officer Cantonment Board, Aurangabad.	Inspection report for work of replacement, up gradation of water supply distribution network carried out in Cantonment Area, Aurangabad	08.04.2018
17	M/s Yash Engineering Consultants Pvt. Ltd. Aurangabad	Scrutiny of the RCC design and drawing for the construction of RCC ESR of capacity 390KL of water supply project at Chanwadtown Nashik, under MSJNMA,	12.04.2018
18	M/S Hariom Construction Mundwadi Contractor. Aurangabad	Scrutiny report of the RCC design and drawing for the construction of RCC approach bridge at Jehur, Tq.- Kannad	16.05.2018

		Dist.-Aurangabad under Mukhyamantri rural peyjal scheme of ZP Aurangabad	
19	Mahindra & Mahindra Ltd Powertrain Division Powerol Building, Gate No.2, Akurli Road, Kandivli (E), Mumbai-	Proof checking report of design vetting of single storey industrial building (Feeding platform shed) of the non-hazardous solid waste treatment processing plant at Waluj, MIDC - Report 3	12.07.2018
20	Arch Developers, Aurangabad	NDT Test of 'ARCH GULMOHAR 'G+3 RCC Building at Shivaji Nagar,Aurangabad	13/07/2018
21	Deputy Conservator Aurangabad Forest Division, Aurangabad	Structural Audit Report of RCC Elevated Service Reservoir (ESR) of 12500 Litre Capacity at Daultabad Ghat, Khultabad in Dist. Aurangabad	06/08/2018
22	Pandhe Infracons Pvt. Ltd (PIPL) 157/C, Railway Lines, Solapur-431001	Scrutiny Report of the RCC Design and Drawing for the Construction of 736Nos EWS & 256Nos MIG Residential Tenements, Additional MIDC at Harangul in Latur District for Aurangabad Housing and Area Development Board, Aurangabad.	10.08.2018
23	The Chief Officer, Rahuri Municipal Council, Rahuri, Ahamadnagar	Structural Audit Report of RCC Elevated Service Reservoir (ESR) of Nine Lac Litre Capacity at S. N. 777 Rahuri M.C. , Rahuri, Dist.- Ahamadnagar	04.09.2018
24	Divisional Controller S.T.Jalna	Structural Audit Report of M.S.R.T.C Bus Station in Jalna Division	27.09.2018
25	The Chief Officer Municipal Council Lonar Dis.-Buldhana	Scrutiny Report of the RCC Design and Drawing for the Construction of Proposed Fire Station at Lonar Municipal Council Lonar	01/10/2018
26	Dy. Conservator, Aurangabad Forest Division Aurangabad	Structural audit report of construction of Van Dhan Jan Dhan Shop/outlet at Forest Quarters, Osmnapura , Aurangabad	29.10.2018
27	M/s Yash Engineering Consultants Pvt. Ltd. Aurangabad	Scrutiny Report of the RCC design and drawing for the construction of RCC 10.50MLD WTP for Chandwad Water Supply project at Chandwad Town Dist. Nashik under MSJNMA,	30.10.2018
28	Dy. Conservator, Aurangabad Forest Division	Structural audit report of construction of Van Dhan Jan Dhan shop/outlet at	28.11.2018

	Aurangabad	Forest Quarters, Osmnapura , Aurangabad	
29	Chief Officer, Rahuri Municipal Council, Tal- Rahuri, Dist. Ahmednagar	Third Party Audit Report of HDPE pipeline Distribution System for Jogeshwari Akhada ESR for Rahuri Municipal Council, Tal. Rahuri, Dist.Ahmednagar.	29.11.2018
30	Chief Officer, Karjat Nagar Panchayat, Karjat Tal.- Karjat, Dist.- Ahmednagar	Inspection of R.C.C. Pipe Line Drainage at Bargewadi Internal area	30.11.2018
31	Chief Officer, Karjat Nagar Panchayat, Karjat Tal.- Karjat , Dist.- Ahmednagar	Construction of CC Road at Gadade Nagar in Ward No. 3	30.11.2018
32	Deputy Engineer Rural Water Supply ZP Sub Division , Jalna	Structural Audit Report of RCC Elevated Service Reservoir (ESR) of 12500 Litre Capacity at Daultabad Ghat, Khultabad in Dist. Aurangabad	01.12.2018
33	The Executive Engineer AHADB, Aurangabad	Scrutiny of the RCC design and drawing for the construction of 24Ts EWS and 80Ts MIG (G + 3) RCC building on H.No. 09 at Nakshatrawadi, in Aurangabad	04.12.2018
34	To, Chief Officer, M.C. Malkapur , Dist.- Buldhana	Construction of CC Road from Hanuman Nagar main Road to H.O. Deshmukh Sir in prabhagNo. 2 under Vishes rasta anudan for M.C. Malkapur in Buldhana district.	20.12.2018

Start-ups and Innovations:



Ankur Incubation Centre

The institute has set up an Incubation centre named *Ankur* Incubation Centre for providing prospective entrepreneurs an ecosystem inside the campus to explore their ideas on developing products, processes and services. The initiative is being registered under section 8 of companies act as a non-profit company to begin with. It is also envisaged to start a certificate course consisting of 3-4 courses comprising of 16 credits on Entrepreneurship Development.



In Institute campus Inaugurated *Ankur* Incubation Centre in Presence of Hon. Director, DTE, Mumbai, Dr. Abhay Wagh Hon. Jonit-Director, RO, DTE, Mr.M.D. Shivankar, Hon. BOM Chairmen, Mr. Vivek D. Bhonsle and other dignitaries on 25th January, 2019.

About *Ankur* Incubation centre

Just like incubators for babies, *Ankur* is an incubation centre for businesses, because a new business idea is like a small baby. “*Ankur*” will nurture them and get them married as in providing every single thing from their Start Up, Launching and Growth.

Objectives of *Ankur* incubation centre

- To make an ecosystem for students, alumni, faculty, various government, non government and financial institutes by providing them opportunity to transform their business idea into reality.
- Services provided by *Ankur* Incubation centre
 - a. Internet access
 - Infrastructure
 - Conference room equipped with multi media
 - Identification of various physical options
 - Access to digital library and physical library
 - Machinery and tools
 - Training on basic entrepreneurship
 - Networking opportunities in industry
 - Expertise and guidance
- Various activities conducted by *Ankur*
 - Hackathons
 - Idea competitions
 - Various workshops by experts
 - Launch of new entrepreneurship based curriculum
 - E-Summit on a regional level
 - Participation in all national, international events

Entrepreneurship Cell:

Entrepreneurship cell helps budding entrepreneurs to set up their own firms and by providing them proper guidance by hosting various workshops, speaker sessions, competitions and supporting them by providing necessary resources such as seed funding, mentoring, monitoring and networking. Important Functions of GECA entrepreneurship cell are;

- Motivate students to develop their own startups
- Develop business incubators
- Create corpus fund to seed ventures
- To provide a platform for interaction with entrepreneurs
- Impart entrepreneurial education/skills amongst students through various trainings and

exercise

- Arrange vibrant interaction with organizations promoting the cause of entrepreneurship.

Role, Responsibility, Duties and Functions of EDC at GECA

- To arrange awareness programs on entrepreneurship development for students inside and outside the institute.
- To arrange industrial and institutional visits in the state and out of Maharashtra state to have exposure regarding industry setup and work methodology of the industries.
- Collaborations with other academic institutes and external stakeholders towards entrepreneurship development.
- To create leadership among the students towards entrepreneurship development.
- Establishing linkages with local, state and national organization and institutions especially which are related to entrepreneurship.

Details of Start-ups and Innovations Activities

Sr. No.	Title of Activity	Date	Description	Guest
1	Team Ankur Formation	09/07/2018 – 21/08/2018	Student team for academic year 2018-19 selected	
2	CMIA Guest Lecture	12/08/2018	Session on various stages and challenges of start-ups	Mr. Ajay Hiraskar
3	Meeting for participation in NEC	23/08/2018	Its decide that the team EDC will participate in NEC organized by E-cell IIT Mumbai	
4	Meeting for Inauguration	31/08/2018	Preparation needed for inauguration program is discussed	
5	Inauguration Program	04/09/2018	Inauguration of team EDC as well as introduction of incubation center	1.Suresh Shakkarwar 2. Ashutosh Navendra 3. Sanjay ShidhyeS
6	Idea Competition	04/09/2018	A written competition on basic idea presentation	
7	Industrial Visit to JM Cast	08/09/2018	An IV focusing on mechanical students	
8	Meeting for Idea competition next level	11/09/2018	Selection of ideas for next round	
9	Session on Lean Canvas	12/09/2018	Introduction of lean canvas and business model	

10	Meeting regarding Start-up YatraBootcamp	13/09/2018	Startup Yatra Bootcamp preparation	
11	MCED Visit	14/09/2018	Team EDC visited MCED seeking guidance regarding entrepreneurship	
12	MSME Pitching	19/09/2018	Ideas for MSME selection process	Prashant Deshpande
13	CIIE Visit	20/09/2018 - 23/09/2018	Students visited CIIE located at Ahmadabad	
14	Design and Thinking workshop	06/10/2018 – 07/10/2008	Students attend the workshop organised by Magic	Rohan Goswami
15	Start-up Van	12/10/2018	Start up van visited our institute for promotion of start-up yatra Bootcamp	
16	Start-up YatraBootcamp	15/10/2018	Two boot camp under the Start up Yatra and pitching session for idea selection conducted	
17	Guest Lecture of Rashmi Bansal	25/10/2018	Students attended the lecture in Dr. BAM University auditorium, Aurangabad	
18	Session on Quiz Competition	25/10/2018	EDC/Start-up cell student conducted session	
19	Movie Screening Session	21/10/2018	“The Pursuit of Happiness” movie screened for institute students.	
20	Guidance from CA	26/10/2018	Teams selected for MSME and startup yatra discussed their business model	C.A. Medha Pande
21	Debated Competition	07/01/2019	EDC/Start-up Cell student conducted session	
22	Ankur Incubation Centre Inguration	25/01/2019	In institute campus inaugurated GECA-Ankur incubation centre in presence of Hon. Director, DTE, Mumbai, Dr. Abhay Wagh,	1. Hon. Director, DTE, Mumbai Dr. Abhay Wagh, Hon. 2. Hon. Jonit-Director, RO, DTE, Mr.M.D. Shivankar, 3. Hon. BOM Chairmen, Mr. Vivek D. Bhonsle , 4. Hon. BOM Member, Mr. Ravindra Vaidya,

				5.Hon. Principal Dr. P.B. Murnal, 6. Start-up Cell Coordinator, Dr.A.M. Nikalje, 7. Industrialist Mr. Ram Bhogle and other dignitaries.
23	Incubator Boot Camp	23 to 24-03-2019	Organised Marathwada incubator boot camp in institute in association with MAGIC MASSIA	
24	Design and Thinking workshop for Educators	08 to 09-05-2019	Faculties of institute attended the two day workshop	1. Mr. Baswraj Hooli 2. Mrs. Shaila Hooli

Hackthon Participation by Students

Sr. No.	Name of the Activity	Details of Activity
1	Sky Hack) <i>Hackathon</i> Competition-2018 in on 27-08-2018 at Raipur	Four students two team from CSE Participated in competition
2	M.S. Hack-2018) <i>Hackathon</i> competition on 31-08-2018 to 02-09-2018 at Punjab	Four student team from CSE participated in competition
3	NITI AAYOG, Pune Smart City (PMC) <i>Hackathon</i> on 29 -09-2018 to 30-09-2018 at Pune	Four team (Group of Four) 16 students from CSE participated in competition one team is selected in Top 10 amongst 650 teams all over India and shortlisted for onsite final round.
4	Smart India <i>Hackathon</i> 2019 organised by MHRD on 02 nd and 03 rd March. 2019	Seven teams qualified from computer science and engineering department out of which 3 emerged as winners in SIH 2019 March. 1. Team path breakers : team leader Omkar Joshi prize won :Rs.50,000/- 2. Team GhoulCoders ; team leader: Rushikesh Jachak prize won : Rs 1 Lakh 3. Team Nourishers team leader: Aditya Patil prize won : Rs.75,000/-
5	Innovate to Inspire <i>Hackthon</i> Organised by EESL, Govt. PSU	Four student from computer science and engineering department participated in competition and won 1 st Prize in competition. Prize Won : Rs.25,000/-

Linkage with industry

Today technical institutes of India have a major role in the rapid change of technology and the developments at various fields of technologies to meet the global requirements and standards. The most of the product of technical institutes are working in industries and the technical organizations owned by the government. With the advent of globalization and opening up of Indian economy to outside world, competition among industries has also become tough because of which the industry and institutes are becoming interdependent on each other for new inventions and discoveries to meet the demands of existing problems of the society across the globe. The technical institutes have more responsibilities to understand the need and requirement of today's world and impart the quality technical education to the budding engineers with all the required employability skills. Right from upgrading engineering curriculums to inclusion of technical and employability skill development programs of the students, are becoming key parameters of quality technical education and necessity of the institutes. Alumni who is a stakeholder of the institutes and affectionate towards his/her Alma-Mater can play a better role in this process and bridge the gap between industry and institutes.

Objective of Industry Institute Interaction

- To create awareness of the importance of industry institute interactions in technical education.
- To involve and form a network of alumni for the development of technical education.
- To enhance professional and teaching skills of faculty through industry institute interactions.
- To observe the innovations and practices of industries and implement for academic development at the institute.
- To enhance technical and employability skills of the students through industry associated activities.
- To provide funding to the students for their industry associated activities
- To arrange continue education programs for engineers/ professionals from industries and other institutes.

- To provide financial help to the needy students under educational assistance scheme of alumni association.

Following major industries supported institute and imparted training to students and faculties.

1. Atlas Copco Pune
2. Varroc Engineering Pvt. Ltd. Aurangabad
3. Badve Engineering Aurangabad.
4. Greaves Cotton Aurangabad
5. Endress+ Hauser Flowtech Pvt Ltd Aurangabad.
6. Umasons Steel fab pvt Ltd. Aurangabad
7. Indian Railways
8. Mazgaon Dockyards, Mumbai
9. Central Railway workshop, Mumbai
10. Jade Rubbers Aurangabad
11. Forbes and company Ltd Aurangabad
12. Manish Engineering Ltd Aurangabad
13. Ellora Forge, Aurangabad
14. NRB Bearing Jalna.
15. Reliance Industries Jamnagar Gujarat
16. Hindustan Aeronautics Ltd Nasik
17. Indian Machine Tool Manufacturing Ltd Association, MIDC Chinchwad.
18. ARAI, Pune
19. National Institute of Technology, Agartala
20. GS Cutting tools Aurangabad
21. Ordnance Factory Varangaon.

Details of MoUs Signed with Industries

Dept	MoU sign with	Title of MoU	MoU purpose	MoU Sign date	Act Result
E&TC	Academia	MOU with Govt Institute of Forensic Science Aurangabad	Academics	04-06- 2018	Multimedia forensic course
Institute level	Academic	Red Hat India	Academic Activities	12/07/2018	Ongoing Activity
E&TC	Academia	MOU with Govt Institute of Forensic Science Aurangabad	Academics	04-06- 2018	Multimedia forensic course
Institute level	Industry	MOU between MACCIA and Govt Engg Collage Aurangabad	Overall development of student entrepreneurship development personality development aptitude industrial visited exp	29-08- 2017	Multimedia forensic courses
Institute level	Industry	GK Kabra Gold Medal	Award to best outgoing student of a given year	23-02-18	Ongoing activity
EEP	Industry	MOU between Govt.Engg Collage Aurangabad and Maharashtra State Electricity Transmutation co Ltd	To enhance industry institute interaction and to give partial knowledge & exposure to student and faculty with field experiences	03-05- 2018	Ongoing
Mech	Industry	Ready Engineering	To reduce the gap	23-02-	Ongoing

		MOU Between TATA Technology and Government collage of Eng Aurangabad	between industry and institute and enhance the skill of students	2018	Activity
Institute level	Industry	Chamber of Marathwada Industries and Agriculture, Aurangabad	Development Industries and Agriculture, Aurangabad	15.07.2017	Ongoing Activity
Institute level	Industry	SMINQ India Pvt Ltd, PUNE	To reduce the gap between industry and institute and enhance the skill of students	21/10/2017	Ongoing Activity
Institute level	Industry	Red Hat India	Academic activities	12/07/2018	Ongoing Activity

Awards / Prizes won by students, faculty

- Smart India Hackathon:- seven teams qualified from computer science and engineering department out of which 3 emerged as winners in SIH 2019 March.
- One of the teams defeated IITD in finals in the theme of solid waste management and won prize of Rs.1 lakh as well as best IOT solution in smart waste management.
- The second team won at IIT Patna a prize money of Rs 75,000/- in the theme of demand – supply of water pipes.
- The third team won at Lovely Professional University in Punjab a prize money of Rs. 50,000 in the team of linking eligible students with various scholarship schemes.
- In SIH 2018 one of the team won best innovation award and prize money of Rs.60,000
- In Innovate_to_Inspire hackathon competition held at MNIT Jaipur on 8-9 June 2019 one team from CS department emerged as winner and won a prize money of Rs. 25,000/-.
- MS Hackathon in August 2018 at Lovely Professional University in Punjab a team emerged runners up and won prizes worth Rs.25000/-
- One project group from CS department got the best project award by TCS and prize money of Rs. 20,000/- for the Academic Year 2018-2019.

Sr. No.	Dept	Name of Student / Team	Details of activity	Year	Remarks
1.	Mechanical Engineering	Team Aryans	BAJA SAE India IIT Ropar	2018-19	Award for:- All India Ranking 2 (Prize Money Rs.100000) 1 st in Acceleration (Prize Money Rs.50000) 1 st in Suspension Traction (Prize Money Rs.50000) Raftaar Award (Prize Money Rs.50000)
2.	Mechanical Engineering	Team Cybrotics	ROBOCON 2019	2018-19	Award for:- All India rank 7 at ABU National ROBOCON, IIT Delhi 1st prize of Best usage of MATLAB
3.	Mechanical Engineering	Team Cybrotics	ROBOCON 2018	2018-19	MATLAB Runner up Award (Prize money Rs. 25000)
4.	Mechanical Engineering	Team Cybrotics	National DDRobocon 2019	June 16, 2019 (Sunday) at IIT Delhi, India	<ul style="list-style-type: none"> All India 1st rank of for Simulation of MATLAB and Simulink Modeling (Prize Rs. 35,000) All India 7th Rank in ROBOCON
5.	Geca	Baja Saeindia Team	Baja Saeindia 2019	22nd January to 27th January 2019 at	<ul style="list-style-type: none"> Rock Crawl – all India first rank (Prize Rs. 60,000) marketing presentation – All India 1st Rank (Prize Rs.50,000)
6.	Mechanical Engineering	TEAM GECA (Abhay Pingle)	Youth Festival 2018	2018	1st Prize for mimicry to AbhayPingle
7.	Mechanical Engineering	TEAM GECA (Abhay Pingle)	Ekankika 2018	2018	Best Direction 2nd to AbhayPingle Best Script 1st prize to AbhayPingle Best Actor 3rd to AbhayPingle
8.	Mechanical Engineering	TEAM GECA (Yashraj Gavande)	COEP Impressions	2018	1st Prize street play 2nd Prize in Acting Competition to YashrajGavande

Achievements of Faculties and Staff:

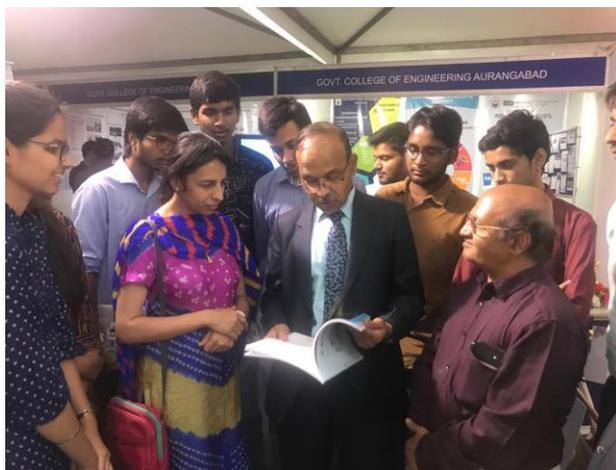
Sr. No	Dept	Name of faculty	Details of achievement	Year
1	Mechanical Department	Dr. Suhas Mohite	Keynote speaker at MMOT workshop at Trinity college of engineering and research Pune	Feb-2019
			Presented paper at ASME dynamic systems & control conference (DSCC) at Atlanta Georgia US.	2018
2		Dr.S.B. Chikalthankar	Appointed as technical expert by government of scientific and industrial research for M/S Aurangabad Electricals R&D	June 2019
			Expert lecture at DTE workshop at government polytechnic Nanded	2019
			Represented team of SAE BAJA international competition at Oregon USA 2018	June 2018
			TATA Technology Ready Engineer Hub Center in charge Aurangabad Region	
3		Dr.S.A. Patil	BOS member Dr.BAMU Aurangabad	2018-19
4		Prof. M.S. Harne	Institute ROBCON coordinator	2018-19
5		Dr.U V Hambire	TATA Technology Ready Engineer – Hub Centre In charge Aurangabad Region	2018
6		Prof.S.R. Kulkarni	TATA Technology Ready Engineer Hub Center In-charge Aurangabad Region	2018 Onwards
			Co-ordinator of Train the trainer	2018

Other Achievements:

1. SWAYAM-NPTEL recognized Government College of Engineering, Aurangabad as '**Best New Local Chapter**' among top 100 local chapters and as valuable local chapter with a rating during July-Dec 2018.



2. **Institute is selected** for presentation at two-day national conference **on Equity: Achievements & Challenges in India** organized by DTE, Maharashtra in collaboration with NPIU under TEQIP-III held on 15th and 16th March 2019 at CoE, Pune.



Social Activities:

ABHIYANTRAM 2K 19- nurturing the technical minds is the event organized by mechanical engineering department of government collage of engineering Aurangabad. It will be scheduled from 27th – 28th of February 2019 in the mechanical engineering department of the collage. The objected of ABHIYANTRAM is to acquaint the school students with mechanical engineering and kindle a flam and passion for engineering in them. This event will make school student aware about engineering so that they can relate theatrically learnt concept with day to day life applications. **ABHIYANTRAM 2K 19** will introduce our engineering laborites to all school students and also demonstrate equipment and machinery.

Curricular achievement & Co-curricular achievement

- ✓ Project based learning is introduced for at least in one course per year. In this course, apart from prescribed list of experiments, student is assigned independent projects based on the curriculum. Students are exposed to real world problems and encouraged to do real world projects right from the first year through the course ET1099: Engineering Exploration. It follows PBL pedagogy and students work in teams to solve identified real world problems in First year of Engineering. Fig. below depicts cell phone controlled wheel chair developed by first year students.



- ✓ Supporting teaching/learning for part of curriculum by NPTEL/SWAYAM/MOOCs Students are advised to register for MOOCs (Massive Open Online Courses) and watch NPTEL and SWAYAM videos and the students are encouraged to write assignments. Course coordinators often recommend students to attend the video lectures on particular topics. Institute is enrolled in the QEEE program hosted by IIT Madras. Students are provided a well-equipped class room and are recommended to attend the classes provided by QEEE.
- Dr.Meghana Nagori won a gold medal and was among the top 2% in the NPTEL Certification Course “Business Analytics & Data Mining Modelling using R –Part II” in Aug-Sept 2018,4 week course, offered by IIT Rourkela.She secured 94%.
 - Three students of SYMCA Ms.Rashi Gupta, Abhishek Meshram and Ms.Aarti Tiwari have completed the NPTEL course “The Joy of Computing using Python” with 93%, 92%.and 93% respectively.
 - Purva Chaudhari a student from third year CSE was in top 1% and secured gold medal and 96% for the same, Mustafa Qazi, Kapil Chandorikar, Rushikesh Jachak also won gold medals and were in top 2% for the same course.
 - Dr.Meghana Nagori Organized a special session on “Machine Learning and applications” at 3rd international conference on Smart trends for computing and communications (SmartCom 2019) Springer Conference in Bangkok ,Thailand on 24-25 Jan.She was also session chair for one of the conference themes.
 - Dr. Suhas S. Mohite, Professor, Mechanical Engineering, and Presented paper at **ASME Dynamic Systems & Control Conference (DSCC)** at Atlanta, Georgia US held on September 30 - October 3, 2018.
 - Dr.S.B. Chikalthankar, HoD, Mechanical Engineering Represented team of SAE BAJA International Competition at Oregon USA 2018.
 - Dr. U V Hambire, Asst. Professor, Mechanical Engineering, Appointment as Moderator by IIT Bombay for Online FDP
 - Mr. Nishad Pore, Students of Mechanical Engineering department appeared for GRE and admitted Clemson University SC USA for MS.

Achievement of Students in National Competition SAE BAJA, ROBOCON etc

Sr. No.	Dept	Name of Student	Details of activity	Year	Remarks
1.	Mechanical Engineering	Team Aryans	BAJA SAE India	2019-20	Award for:- 1 st position in All India Rank in virtual BAJA 2020
2.	Mechanical Engineering	Team Aryans	BAJA SAE India	2019-20	Award for:- 1 st rank in Rock crawler 1 st rank in sales and marketing Suspension and traction 4 th position all over India Awarded with prize money 1.5 lacs.
3.	Mechanical Engineering	Team Aryans	BAJA SAE India IIT Ropar	2018-19	Award for:- All India Ranking 2 (Prize Money Rs.100000) 1 st in Acceleration (Prize Money Rs.50000) 1 st in Suspension Traction (Prize Money Rs.50000) Raftaar Award (Prize Money Rs.50000)
4.	Mechanical Engineering	Team Cybotics	ROBOCON 2019	2018-19	Award for:- All India rank 7 at ABU National ROBOCON, IIT Delhi 1st prize of Best usage of MATLAB
5.	Mechanical Engineering	Team Cybotics	ROBOCON 2018	2018-19	MATLAB Runner up Award (Prize money Rs. 25000)
6	IT	Adwait Kulkarni	IDEA PRESENTATION during TECHNOMIT 2k18 organized by Maharashtra Institute of Technology, Aurangabad.	2018	Secured winner position
	IT	Adwait Kulkarni	MOCK PLACEMENT during TECHNOMIT 2k18 organized by Maharashtra Institute of Technology, Aurangabad.	2018	Secured RUNNER UP position

Co-curricular and Extra-curricular Activities:

WINGS is the most awaited annual national level technical fest organized by Government College of engineering, Aurangabad. A technical event for three days includes various technical competitions, paper presentations, Robowars, ROBOCON (electronics, mechanical and electrical engineering), C Pulse (computer engineering and it), Sthapatya Kala (civil engineering) etc. students celebrate annual social gathering, Antrang every year. Many cultural programs are organized during gathering. These are two major events in institute. Participation in co-curricular and extracurricular activities develops a different persona of students. Present scenario demands that, the engineering students are supposed to develop themselves as responsible and cultured professionals. These developments need proper attention to curricular (academic) and extra-curricular activities. the engineering curriculum equips the students with technical knowledge and skills, whereas extra-curricular activities help in inculcating soft skills related to interpersonal/organizational communication, planning, time management, mentoring, leading, result- orientation, etc. it may be noted that just being technically sound is not enough, working in any organization requires many other capabilities which cannot be developed in the classroom. To prepare them to compete in real world, dean student's welfare has formed various clubs in GECA wherein, students are advised to participate in manageable number of activities, balance time amongst studies and these activities.

- Performing Arts & Music Club
- Vikasa Club
- Art & Craft Club
- Writers' Club
- Samvedna Club
- Design Club
- Technical Club
- Astronomy Club
- Sports Club

- Photography Club (Proposed)
- Ornithology Club (Proposed)
- Film Club (Proposed)

➤ **Institute faculty and students undertake various activities throughout the year at appropriate occasions to celebrate events**

- Cleanliness drive in the campus is carried out on 2nd October on the occasion of Gandhi Jayanti
- Blood donation camps are held on Republic day and Independence day
- Tree plantation drive is taken up during the start of the monsoon
- International yoga day is celebrated on 21st June every year
- Street plays & competitions are arranged to create awareness regarding woman empowerment on women's day
- Faculty carryout many other statutory responsibilities of local, state and central government bodies such as, free consultation on water, road and environmental issues, election duties as well as training and maintenance of EVMs, etc.

Achievement of Students in Sports National/ International/ indoor/ Outdoor/ State/ University level from 2018 onwards

Sr. No.	Dept	Name of Student	Details of activity	Year	Remarks
3.	Mechanical Engineering	Ashish Gaikwad	ICT-2017 held at Ambejogai Chess	2018	Winner
		Ashish Gaikwad	Zenith-2017 held at Nanded Chess		Runner up
		Sampada Ahale Amruta Mundhe Amruta Yadav Rutuja Shinde	Zenith-2017 held at Nanded Basketball		Runner up
4.	Mechanical Engineering	Rohit Dharne Udit Biyani	ICT 2018 held at Washi Football	2018-19	Winner
		Ashish Gaikwad	ICT 2018 held at Washi Chess		Runner up
		Sakshi Bhalchandra	Selected for Inter University Badminton Girls 2018		

Achievement of Students in Cultural activities: National/ International/ State/ University level/

Sr. No.	Dept	Name of Student	Details of activity	Year	Remarks
	Mechanical Engineering	TEAM GECA	Firodiya 2018	2018	Part of Top 09 Teams in Maharashtra Won 11 individual awards two group prizes
		TEAM GECA (Shraddha Kamble)	Purushottam 2018	2018	Two individual Prizes Acting consolation to Shraddha Kamble
		TEAM GECA (Abhay Pingle)	Youth Festival 2018	2018	1 st Prize for mimicry to Abhay Pingle
		TEAM GECA (Abhay Pingle)	Ekankika 2018	2018	Best Script 1 st prize to Abhay Pingle Best Direction 2 nd to Abhay Pingle Best Actor 3 rd to Abhay Pingle
		TEAM GECA (Yashraj Gavande)	COEP Impressions	2018	1 st Prize street play 2 nd Prize in Acting Competition to YashrajGavande
		TEAM CYBROTICS (Dange Utkarsh)	ROBOCON	2018	1 st Runner up in Mathworks Competition. 7 th Rank in League Matches. 16 th Rank in Super League Matches.
	IT	MAYUR SUBHASHRAO DESHMUKH	Chess competition organized by University Board of Physical Education & Sports, Dr. BAMU, Aurangabad	2018	“Runner-Up”
	IT	ADWAIT KULKARNI	Chess competition held during ESPIRITO 2018 organized by Government College of Engineering, Aurangabad	2018	“Runner-Up”

Collaborative / Twinning activities

Research Proposal under Collaborative Research Scheme:

Title of Project: **Design and Development of PV-STATCOM for solar power integration to Electric grid and for mitigating grid operational issues** (CRS Scheme-AICTE for TEQIP-III Faculties)

Grant Received: **Rs. 18.07 Lacs**

List of Researchers:

Principal Investigator	Mr. Anshul Awasthi Assistant Professor (TEQIP-III) Electrical Engineering Department Ujjain Engineering College, Ujjain
Co-Principal Investigator (1)	Prof. C. K. Sharma Associate Professor Electrical Engineering Department Ujjain Engineering College, Ujjain
Co-Principal Investigator (2)	Dr. Mahmadasraf A. Mulla Associate Professor Electrical Engineering Department National Institute of Technology, Surat
Co-Principal Investigator (3)	Dr. Akash Kumar Shukla Assistant Professor (TEQIP-III) Electrical Engineering Department Ujjain Engineering College, Ujjain
Co-Principal Investigator (4)	Dr. A. A. Bhole Associate Professor Electrical Engineering Department Government College of Engineering (Mentor) Aurangabad Maharastra

FDPs and Training Workshops Organized in collaboration with UEC, Ujjain M.P. under Twinning Activities

Sr. No.	Activity	Schedule	Venue	No. of Beneficiary
Activities conducted by Govt. College of Engineering., Aurangabad M.S.				
1	Recent Trends in Power System Analysis (RTPSA 18) One week short term Training programme organized under Twinning with UEC, Ujjain (M.P.), coordinated by Department of Electrical Engineering, GEC, Aurangabad	16 Sep - 20 Sep 2018	GEC, A'BAD	Nil
2	Electro Magnetic Transient Analysis using (EMTP-RV-2019) One week short term Training programme organized under Twinning with UEC, Ujjain (M.P.), Mentee Institute, coordinated by Department of Electrical Engineering, GEC, Aurangabad	January, 19 th to 23 rd 2019	GEC, A'BAD	04
3	Outcome Based Education (OBE) with Assessment & Evaluation (OBEAE-2019) One week FDP organized under Twinning with UEC, Ujjain (M.P.), Mentee Institute, coordinated by Information Technology Department, GEC, Aurangabad.	January, 21 st to 25 th 2019	GEC, A'BAD	12
4	Entrepreneurship and Innovations Three Day Workshop organized Under Twinning with UEC, Ujjain (M.P.), Mentee Institute, coordinated by Computer Science Engineering Department, GEC, Aurangabad	February 8 th to 10 th , 2019	GEC, A'BAD	06
Activities conducted by Ujjain College of Engineering, Ujjain M.P.				
1	Recent Trends in Remote Sensing and Geographic Information Technologies One (01) Faculty member of GEC, A'bad deputed to attend TRAINING PROGRAMME (STTP) at UEC, Ujjain (M.P.)	February 11 th to 15 th , 2019	UEC, Ujjain (M.P.).	01
2	Recent Trends in Solar Energy Technologies One (01) Faculty and (01) staff member of GEC, A'bad deputed to attend Short Term Training Program (STTP) UEC, Ujjain (M.P.) <i>Prof.Dr.Y.U. Sathe</i>	25 th Feb-2019 to 01 st Mar-2019	UEC, Ujjain (M.P.).	01
3	CNC SIMULATOR Software Under Student Exchange programme Fifteen (15) students of M.Tech Production Engineering are deputed under Twinning Activities to participate in Three Days Workshop	03 rd to 05 th April-2019	UEC, Ujjain (M.P.).	15
4	Two (02) Faculty member and Four B.E. Students of GEC, A'bad deputed to “ Delivering Key note address ” and attend “ National Seminar on Recent Acts of Waste Management in India ”	27 th July, 2019	UEC, Ujjain (M.P.).	06 (02 Faculty, 04 Student)

Training Workshops Conducted for faculty / support staff in collaboration with UEC, Ujjain

M.P.under Twinning Activities

Sr. No.	Activity	Schedule	Venue
1	Shri. G.S. Pawar and Shri. P.D. Sangve, Support staff deputed to provided training to workshop staff.	25 th Feb-2019 to 01 st Mar-2019	UEC, Ujjain (M.P.).
2	Recent Trends in Solar Energy Technologies deputed to attend Short Term Training Program (STTP) UEC, Ujjain (M.P.) and provided training to workshop staff. <i>Prof.Dr.Y.U. Sath, workshop superintendent</i>	25 th Feb-2019 to 01 st Mar-2019	UEC, Ujjain (M.P.).
4	Dr.U.J. Kahalekar, Professor and Dr.R.M. Damgir, HoD, Civil Engg. Dept. of GEC, A'bad deputed to “ Delivering Key note address ” and attend “ National Seminar on Recent Acts of Waste Management in India ”	27 th July, 2019	UEC, Ujjain (M.P.).

Few snaps from OBE Workshop conducted on 21 to 25 January, 2019 at GECA under Twinning with UEC, Ujjain M.P.



Budgeting and utilization of funds

Delegation of financial powers:

The power of utilization of funds against the approved annual budget lies with the principal. Heads of Department, Deans and various functionaries are given financial power up to Rs.5000/- For all financial matters; Principal of institute follows rules and regulations laid down by Govt. of Maharashtra. Under Technical Education Quality Improvement Program (TEQIP) projects, rules and regulations laid down by NPIU are followed.

The institute receives funds through student fees and TEQIP, salary grants for regular faculty and staff from government. Funds are also generated through testing and consultancy and sponsored projects. The board of management has established a procedure for purchases which incorporates allocation of adequate budget. The departments are given full freedom to decide their requirements with the set priorities i.e. academic requirement, research & development and testing & consultancy. The department conducts faculty meeting and finalizes the requirement at the beginning of the financial year. Head of the department makes the presentation before the financial committee justifying the proposal. Normally the finance committee recommends the requirements based on the justification made and the Board of Management accords the final approval. The below table indicates the adequacy of the budget.

Year	Total Income						Actual Expenditure						
	Fees	Govt.	Grants	Other Sources			Total Income	Recurring Including Salaries	Non Recurring	Special Project / any Other Specify			Total Expenditure
			AICTE	TEQIP	IRG	Exam				TEQIP	IRG	Exam	
2018-19	1320.26	1867.80	0	176.09	194.27	61.89	3620.31	2829.46	336.05	176.09	85.63	68.30	3795.53