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1. INTRODUCTION

1.1 VISION OF THE INSTITUTE

“To emerge as a technical institute of national repute, driven by excellence in imparting value based education and innovation in research; to face global needs of the profession”

1.2 MISSION OF THE INSTITUTE:

“To create professionally competent engineers driven with a sense of responsibility towards nature and society”

Programme Details

Under Graduate Programmes

Sr. No	Programme	Sanction Intake	Year of Starting	NBA Accreditation
1	Civil Engineering	60	1960	YES
2	Mechanical Engineering	60	1960	YES
3	Electrical Engineering	60	1960	YES
4	Information Technology	60	2001	YES
5	Electronics and Telecommunication	60	2007	No

Post Graduate Programmes

Sr. No	Programme	Sanction Intake	Year of Starting	NBA Accreditation
1	M. Tech (Structural Engineering)	25	1960	YES
2	M. Tech (Construction Management)	25	2005	YES
3	M .Tech (Production Engineering)	25	1967	YES
4	M .Tech (Heat Power Engineering)	25	1967	YES
5	M. Tech (Power System)	25	2005	YES
6	M. C.A	30	1992	YES

PhD Programmes

Sr. No	Programme	Year of Starting
1	Civil Engineering	2011
2	Mechanical Engineering	2011
3	Electrical Engineering	2016

2. OVERVIEW

2.1 History and journey

Government College of Engineering, Karad is one among seven engineering colleges established by State Government of Maharashtra and first among those established post independence. The prime objective of establishing college was to impart quality technical education to the youth in rural part of Maharashtra. Basically three institutes i.e. Engineering College, Government Polytechnic and Pharmacy College started functioning in the same premises. Other Colleges were then shifted to their independent premises and the heritage building was retained by the college.

The college was established in 1960 with under graduate programmes in three core branches of Civil, Mechanical and Electrical Engineering, initially affiliated to Pune University and subsequently to Shivaji University in 1972. PG programmes (Master of Engineering) in these disciplines too were started in 1967. Till date, the institute has produced more than 13000 engineers in these disciplines as well as more than 1500 post graduate engineers. * The UG programs in Civil, Mechanical and Electrical has been ‘permanently affiliated’ to Shivaji University. In response to the drive of globalization and Industry needs the Institute started MCA (Master of Computer Applications) course in 1992. This was the only engineering Institute in Maharashtra to offer the MCA course in engineering discipline. Till date, this institute has produced more than 700 computer professionals serving for the needs of Industry. Subsequently in 1995 all disciplines of the institute were approved by AICTE (AICTE established in 1994). With the boom in Information Technology, Department of Technical Education, Maharashtra shouldered the responsibility of starting the bachelor’s degree course in IT to cater to the need of meritorious students in this region and the new branch of engineering in Information Technology was started in the Institute from 2001. In due course of time the institute has also started a under graduate programme in Electronics and Telecommunications in 2007.

With the state of art equipment and well qualified faculty, the institute got accredited by National Board of Accreditation in 2006 in the three well established core disciplines by the NBA. As the process of accreditation is continuous, now the institute is prepared to go for second round of accreditation for its all disciplines. With the mission and vision to excel in the field of engineering education the institute is a recognized research center for pursuing Ph. D. in Mechanical and Civil Engineering. To substantiate the academic performance and progress of the institute brief

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information is provided below. Today, CEK offers five UG and six PG programmes, and has more than 1600 students enrolled in its various courses.

CEK has a beautiful green campus of about 40 acres. All departments & laboratories are housed on the campus. Hostels accommodating more than 800 students, including 240 girl students, as well as residential accommodation for teaching & non-teaching staff of the college are available on the campus. Consciously developed, the campus has retained & increased its green cover, rich in natural flora & fauna, & provides an attraction for bird watchers. Karad is also a culturally vibrant town and boasts of being a major center of education in Western Maharashtra.

Apart from imparting professional education at under graduate and postgraduate levels, the institute has been extending available expertise to various Govt. / Semi- Govt. and primary objective of institute is to provide advanced technological skills & expertise to enhance teaching & academic activities. Greater emphasis is also being placed on revenue generation through utilization of facilities for providing services to the industries on commercial basis.

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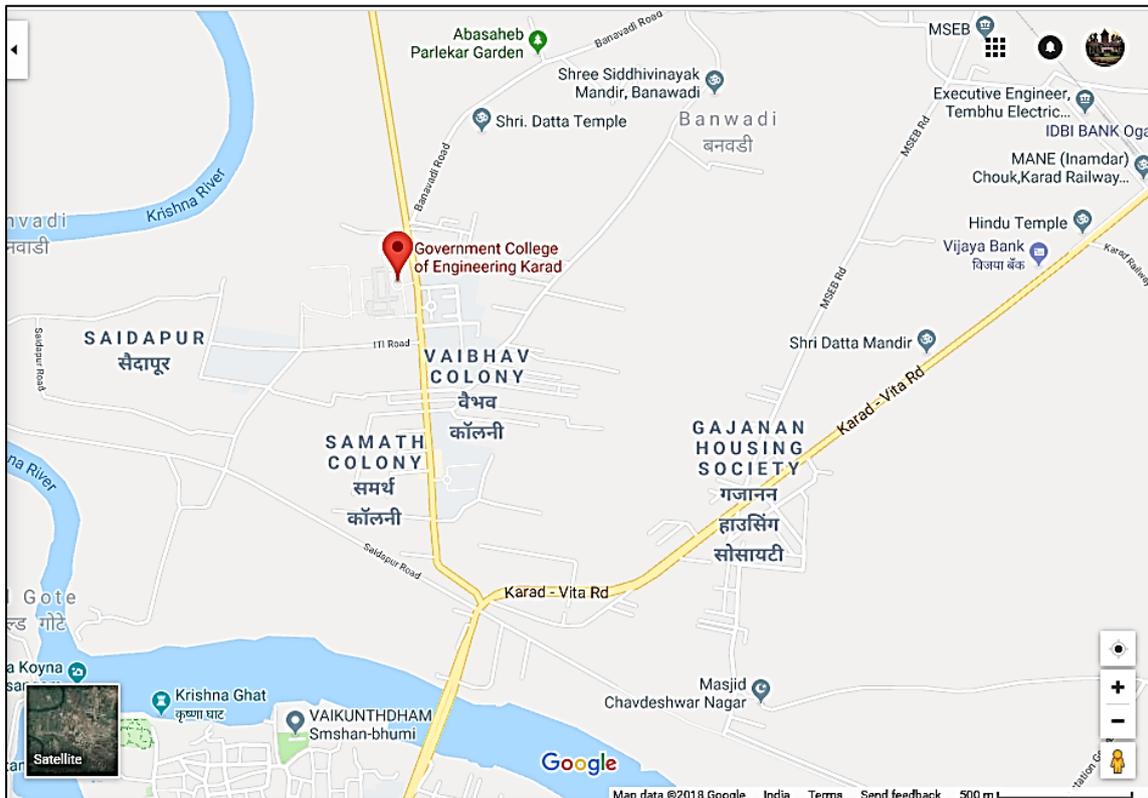
Milestones at a Glance

1960	Established with 3 UG programs (Civil, Mech., Elect.) affiliated to Pune University
1967	Introduced 5 PG programs (CM, SE, HP, PE, PS)
1972	Affiliation shifted to Shivaji University, Kolhapur
1979	Acquired Permanent Affiliation (Civil, Mech. & Elect.)
1992	Introduced 3 Year PG program MCA
2001	Introduced UG program in IT
2002	AICTE Sanction for PG: 18+7* (Sponsored)
2007	Introduced UG program in Electronics & Telecom.
2010	Celebrated Golden Jubilee Year
2011	Research center recognition for PhD in Mech. & Civil
2012	Institute selected under TEQIP-II
2013	Dr A. S. Pant deputed to AICTE as Vice-Chairman
2014	Research center recognition for PhD in Electrical Engineering
2014	Applied for re-accreditation for 3 & fresh accreditation for 3 programs
2015	UGC granted autonomy
2016	Applied for fresh accreditation of Five M.Tech Programs
2016	NBA Re- Accreditation B.Tech. in Civil , Mech. , Elect., IT
2016	NBA Accreditation MCA
2016	NBA Accreditation M.Tech. In CM, SE, HP, PE & PS.
2017	Selected as a Mentor Institute for TEQIP III

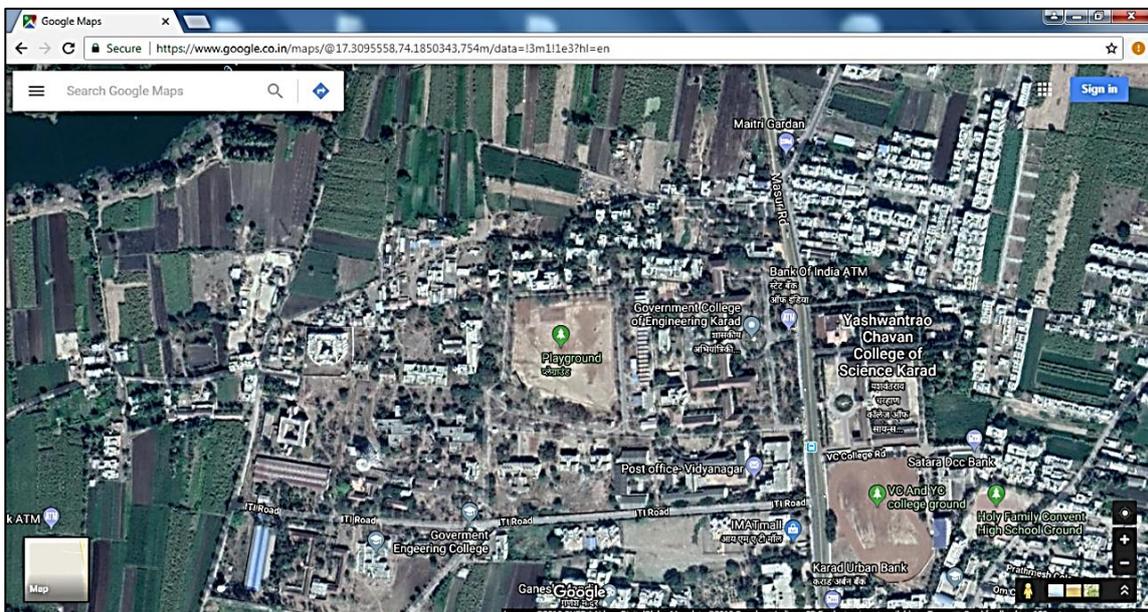
2.2 Institute Ranking

- In Top 30 Best Engineering Colleges in India. Our rank is improved to 29 from 34 previous year by INDIA TODAY
- We listed in top 100 colleges of India by Outlook.
- We listed 34th in top 140 colleges on India by Times
- We got AAA ranking by engineering.careers360.com
- We ranked at 4th place in top 5 government engineering colleges on best value for money criteria by INDIA TODAY
- We ranked at 4th place in top 5 government engineering colleges on lowest tuition fee criteria by INDIA TODAY

2.3 Location & Campus



Satellite Location:



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The campus is situated in Vidyanagar, Karad. GCEK has a beautiful green campus of about 40 acres (161874 m²). All departments & laboratories are housed on the campus. Residential accommodation for teaching & non-teaching staff of the college is available on the campus. Consciously developed, the campus has retained & increased its green cover, rich in natural flora & fauna, & provides an attraction for bird watchers.

The College provides residential facilities for both undergraduate boys and girls. Due to limited vacancies admissions are merit-based. There are three residential buildings in the hostel campus. Boys' blocks are named A, B, C, and D. The total capacity of boy's hostels is 480. For girls, there is one block, namely, Jijau. This was constructed keeping in mind, the huge number of the college's girl-students staying outside. Its capacity is 240. Jijau is four storied, and the remaining buildings are three storied. For PG there's a hostel for boys with capacity of 45.

Further it comprises the principal's residence, hostel office, security room, rectors' quarters, a co-operative store, and students' dining rooms.

The institute also has a well-equipped gym for students. The Gymkhana consists of Gymkhana Secretary along with secretaries of various sports and cultural committees.

The institute has a large ground for sports activities including cricket, football, volleyball, kabbadi, and kho-kho.

2.4 Smart Campus

Government College of Engineering Karad is follower of Digital India and Maharashtra DigiDhan awareness programme. Receive nothing in cash (fee/fines/deposits) i.e. Students fee collected through the online payment system. Pay nothing in cash (wages/salaries/vendor/agency payments) i.e. payments are done by using online payment system. Faculty/staff/students use cashless systems in all payments like canteen bills, library payments and fines etc.

In addition to this, institute is marching towards the implementation of e-office concept in the administration department so the all files can be stored in digital formats.



As per GoM & DTE GR Dt. 30/03/2017 starting from Academic Year 2017-18 by implementing SBI Collect first transaction on 19th June 2017

Initially Covered

- Students Fees Collection
- Canteen Bill Payments
- Outsider Payments

Mode of Payments...

- Internet Banking
- Debit/ATM Card
- Credit Card
- Point-of-Sale (Swipe Machine)
- SBI Buddy

- SBI e-Challan

Observations

- Unawareness
- 50% Students/Parents having SBI Debit Cards
- 40% Students/Parents having other Bank Debit Cards
- 8% Students/Parents having Internet Banking
- 2% Students/Parents having Credit Cards
- Transaction limit on Debit Card transaction fails
- Problems with RuPay Debit Card

In FE Orientation program Explaining Payment System



3. COUNCILS AND OTHER COMMITTEES

3.1 Board of Management

1. Chairman - Hon. Dr. Ashok Khade.
2. Member - Hon. Shri. Amit Kadam,
3. Member - Hon. Shri. Narendra Kulkarni
4. Member - Hon. Shahajirao Jagdale.
5. Member - Hon. Saurabh Vijay, Govt. Nominee
6. Member - Hon. Shri. Shivajirao Kadam, UGC Member
7. Member - Hon. Dr. B. S. Gawali, University Member.
8. Member - Hon. Dr. Abhay Wagh, Director, Spl. Invited Memer.
9. Member - Hon. Dr. T. J. Tidake, Dy. Secretary, Spl. Invited Memer.
10. Member - Dr.P.M.Khodke, Invited Member
11. Member - Dr. G. D. Yadav, Invitee Member
12. Member - Prof. V. B. Waghmare, Institute Faculty
13. Member - Dr. S. K. Patil, Institute Faculty
14. Member Secretary - Dr. A.T.Pise, I/c. Principal.

3.2 Finance Committee

1. Chairman - Dr. A.T.Pise, I/c. Principal.
2. Member - Hon. Shahajirao Jagdale, BoM Nominee.
3. Member - Shri. R.G. Tanksale, C.A. Satara
4. Member - Dr. P.M.Khodke, Invited Member.
5. Member - Shri. Shirish Godbole, C. A., Karad
6. Member - Dr. R.K. Shrivastava, HoD, Mech
7. Member - Shri. A.Y.Barkade, Registrar
8. Member Secretary - Dr. S.J. Wagh, HoD I.T., Institute Faculty.

3.3 ACADEMIC COUNCIL

The Hon. Members of Academic Council of the institute are:

1. Chairman - Dr. A.T.Pise, I/c. Principal.
2. Member - Dr.Y.M.Ghugal, HoD Applied Mech.
3. Member - Dr. P.M. Joshi, HoD Elect.
4. Member - Dr. S. S. Walunekar, HoD Civi
5. Member - Dr. R.K. Shrivastav, HoD Mech
6. Member - Prof. B.S. Patil, HoD MCA
7. Member - Dr.S.J.Wagh, HoD I .T.
8. Member - Dr.V.S.Patil, HoD Mat hs
9. Member - Dr.Smt. S.A.Patil, HoD Physics
10. Member - Dr. A.M. Sapkal, HoD E & TC.
11. Member - Prof. V. B. Waghmare, Prof. Elect. Engg.
12. Member - Dr. U.V. Patil, Dean Academic

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13. Member -	Dr. U.V. Pise, CoE.
14. Member -	Dr. S.V. Kulkarni, Prof. Elect. Engg IIT, Mumbai
15. Member -	Dr. S.B. Nair, Prof. & HoD Computer, IIT Gowahati.
16. Member -	Dr D N Deawaikar, Professor, Civil Engg. , IIT Mumbai
17. Member -	Dr Vasant Matsagar, IIT Delhi
18. Member -	Mr. H.T. Mendhegiri, Advisor, WRD, GoM, Mumbai
19. Member -	Mr. S.V. Gadgil, Director & CEO, BHTC, Pune.
20. Member -	Shri. Ravindra Birajdar, Kirloskar Brothers Ltd.
21. Member -	Dr. V.R. Ghorpade, University Nominee
22. Member -	Dr. S.H. Sawant, University Nominee.
23. Member -	Dr. S.S. Patil, University Nominee.
24. Member -	Dr. P.M. Khodke, Invited Member.
25. Member Secretary -	Mr. S. H. Pawar, Asso. Prof. Electrical.

Responsibilities of Academic Council Committee

- Frame and revise curricula and syllabi for the courses of studies for the various departments and centres
- Make arrangements for the conduct of examinations, appointment of examiners, moderators, tabulators and other matters relating to the examinations
- Declare the results of the examinations or to appoint committees or officers to do so and to make recommendations to the board regarding conferment or grant of degrees, diplomas and other academic distinctions or titles
- Appoint advisory committees or expert committees Or both for the departments or centres of the institute to make recommendations on academic matters connected with the working of the departments or centres
- Appoint committees from amongst the members of the senate, other teachers of the institute an expert from outside to advise on such specific and important academic matters as may be referred to any such committee by the senate
- Consider the recommendations of the advisory committees attached to various departments or centres and that of expert and other committees and take such action (including the making of recommendations to the board) as warranted by each case
- Make periodical review of the activities of the departments or centres and take appropriate action (including the making of recommendations to the board)
- Supervise the working of the library of the institute
- Promote research and academic development or activity within the institute and seek reports on such research or academic development or activity from the persons engaged therein

- Provide for the inspection of the class rooms, laboratories, library and the residential hostels
- Plan co-curricular activities of the students of the institute
- Award stipends, scholarships, medals and prizes and make other awards in accordance with such conditions as may be attached to the awards
- Make recommendations to the board to disseminate knowledge through distance learning mode to various parts of the state or country or abroad and in the cases
- of signing of agreement with the foreign agency, agreement may be signed with approval of the ministry
- Make recommendations to the board to disseminate knowledge through distance learning mode to various parts of the state or country or abroad and
- Invite up to two student representatives during discussion of general nature not involving policy or disciplinary matter in the senate meetings.

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3.4 Building Works Committee

1. Chairman - Dr. A.T.Pise, I/c. Principal.
2. Member - Hon. Shri. Narendra Kulkarni, Bom Nominee
3. Member - Dr. P.M.Khodke, Invited Member.
4. Member - Shri. S. Rajbhoj, Office Supdt. PWD, Satara
5. Member - Shri. Mangesh Phadnis, Architect, Karad
6. Member - Shri. Mahajani, Architect Satara
7. Member - Dr. D.R. Nandanwar, Joint Director, RO, Pune
8. Insti. Member - Dr. Y.M. Ghugal, HoD. Applied Mech, Insti. Member
9. Insti. Member - Prof. B.A. Konnur, HoD Civil
10. Member Secretary – Shri. U.L.Deshpande, Applied Mech. Dept.

3.5 Other Committees

1	Exam. Committee	Chairman - Dr. A.T.Pise, I/c. Principal. Member - Prof. G.R. Palase, CoE, Shivaji Uni. Kolhapur. Member - Dr.U.V.Patil, Dean Academic Member - C. V. Andhare, Co-ordinator Paper Setting Member - Prof. N. M. Mule, Co-ordinator Paper Printing Member - Prof. L.L.Kumarwad, Co-ordinator Paper Assessment Member - Dr. Sonawane, CoE, COEP, Pune Member - Prof. M.V. Kavade, CoE, RIT, Islampur Member - Dr. U. V. Pise,, Controller of Exam.
2	Library Advisory Committee	Chairman - Dr. A.T.Pise, I/c. Principal. Member - Prof. Y.D.Chavan, Asstt. Prof. I.T. Member - Prof. S.V.Patil, Asso. Prof. Elect. (CAS) Member - Prof. Smt. V.M. Bogar, Asstt. Prof. Applied Mech. Member - Prof. Smt. G.S.Dhende, Asstt. Prof. Mech. Member - Prof. P.B.Jawade, Asstt. Prof. I.T. Member - Prof. Smt.P.P.Shinde, Asstt. Prof. MCA Member - Dr.K.N.Alsundkar, Asstt. Prof. Chemistry Member - Prof. S.V.Joshi, Assistant Professor Member - Prof. K.D.Nirde, Assistant Professo Member Secretary - Shri. A.S.Wadate, Librarian Member Joint Secretary - Shri. G. A. Kale, Asst. Librarian
3	Anti Ragging Committee	Chairman – Dr. S.P. Deshmukh, Rector. Member - Prof. S. K. Patil, Asso. Prof. Elect. (CAS) Member - Prof. S.M.Shinde, Asstt. Prof. Maths. Member - Prof. Prof. Y.D. Chavan, Asstt. Prof. I.T. Member - Prof. Smt. K.K. More, Asstt. Prof. Elect. Member - Prof. B.S.Patil, Asstt. Prof. MCA Member - Prof. A.B. Chaudhari, Asstt. Prof. I.T. Member - Prof. Smt. S.B.Karadkar, Asstt. Prof. Chemistry Member - Prof. V.B.Raka, Asstt. Prof. Mech.
4	Women Grievance Redressal Committee	Chairman – Prof. M.H. Yadav, Asstt.Prof.Mech. Member - Dr. S.A. Patil, Asstt. Prof. Physich. Member - Dr. A.M. Sapkal, HoD,E & TC. Member - Smt. S.M.Jadhav, Stenographer Member - Shri. A.Y.Barkade, Registrar Legalist - Smt. Anagha Barde,, Social Worker, Karad Legalist – Dr. A.V. Yadav, Student Representative (UG) - Miss. Nutan Mali, B.E.Elect. Miss. Prajakta Patil, B.E.Mech. Student Representative (PG)- Miss. Srhidevi Mane, M.Tech.IIndYearMech,.
5	Disciplinary / Student Grievance Redressal Committee	Chairman - Dr.P.M. Joshi, Prof. Elect. Member - Prof. S. K. Patil, Asso. Prof. Elect. (CAS) Member - Shri. D.N. Peraspure,, Registrar Member - Prof. N. R. Shetti, Asstt. Prof. I.T Member Secretary- Dr. U.V. Patil, Dean Academic
6	Academic Programme	Chairman - Dr .U.V.Patil, Dean Academics Member - Dr. S.S. Walunjkar, Chairman BoS Civil

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	Evaluation Committee	<p>Member - Prof. P.M. Joshi, Chairman BoS Elect.</p> <p>Member - Dr. R.K. Shivastava, Chairman BoS Mech.</p> <p>Member - Dr.S.J.Wagh. BoS I.T.</p> <p>Member - Dr. A.M. Sapkal, Chairman BoS E & TC.</p> <p>Member - Prof. B.S. Patil, Chairman BoS MCA</p> <p>Member - Dr.V.S.Patil, BoS Sci. & Humanity</p> <p>Member - Prof. A.R.Acharya, TPO & Dean Industry Institute Interaction.</p> <p>Member - Prof. S.V. Joshi, Member Secretary, BoS Civil</p> <p>Member - Prof. S.K.Patil, Member Secretary, BoS Elect.</p> <p>Member - Prof. .M.H.Yadhav, Member Secretary, BoS Mech</p> <p>Member - Prof. A.B.Chaudhari, Member Secretary, BoS I.T.</p> <p>Member - Prof. Anil Karvankar, Member Secretary, BoS E & TC</p> <p>Member - Prof. M.D.Malkautekar, Member Secretary, BoS MCA</p> <p>Member - Dr. U.V. Pise, Controller of Exam.</p> <p>Spl. Invitee – Dr. Y.M.Ghugal, HoD Applied Mech.</p> <p>Member Secretary - Prof. A.A.Bhodve, Asstt. Prof. Geology.</p>
7	Hostel Committee	<p>Rector - Dr. S.P. Deshmukh,</p> <p>Warden Hostel 'C' - Prof. A.B. Chaudhari,, Asstt. Prof. I.T.</p> <p>Warden Hostel 'B' - Prof. Y.D. Chavan,, Asstt. Prof. I.T.</p> <p>Warden Hostel 'D' - Prof. B.S.Patil, Asstt. Prof. MCA</p> <p>Warden Jijao Hostel - Prof. Smt. S.B.Karadkar, Asstt. Prof. Chemistry</p> <p>Hostel Clerk – Shri. N.M.Nadaf, Jr. Clerk.</p> <p>Hostel Peon – Shri. M.R.Bansode, Hamal.</p>
8	Right to Information.	<p>Information. Officer – Shri. A.Y.Barkade, Registrar</p> <p>Appellate Officer – Dr.A.T.Pise, I/c. Principal.</p>
9	Internal Quality Assurance Cell Committee	<p>Chairman - Dr .U.V.Patil, Dean Academics</p> <p>Member - Shri. R.G.Shende, M.D. Shree Refrigeration Pvt. Ltd.,</p> <p>Member - Dr.Y.M.Ghugal, Deam. R & D</p> <p>Member - Prof. S.K.Patil, Dean Student Affairs</p> <p>Member - Prof. A.R.Acharya, Dean Industry Inst. Interaction</p> <p>Member - Prof. U.L.Deshpande, Dean Resource Mobilization</p> <p>Member - Dr.S.K.Hirde, Dean Training</p> <p>Member - Prof. V.S.Jadhav, Dean Finance</p> <p>Member - Dr.R.B.Kulkarni, Asso. Prof. I.T.</p> <p>Member - Shri. A.Y.Barkade, Registrar</p> <p>Member Secretary - Prof. A.A.Bhodve, Co-ordinator IQAC</p>
10	Training & Placement Officer	<p>Chairman - Prof. A.R.Acharya, Asso. Prof. Mech. (CAS) (TPO)</p> <p>Member - S.S. Yadav, Asstt. Prof. Civil (TPO Civil.)</p> <p>Member - Prof. G.S.Dhende, Asstt. Prof. Mech (TPO Mech.)</p> <p>Member - Prof. U.S. Patil, Asstt. Prof. Elect. (TPO Elect.)</p> <p>Member - Prof. Abhilasha Sathe Asstt. Prof. I.T.</p> <p>Member - Prof. Sachin Shingade, Asstt. Prof. (TPO E & TC)</p> <p>Member - Prof. L.L.Kumarwad, Asstt. Prof. MCA (TPO MCA)</p>
11	Purchase Committee	<p>Chairman- Prof. N.V.Sali, Asso. Prof. Mech. (CAS)</p> <p>Member - Dr. Smt.S.K.Hirde, HoD Civil</p> <p>Member - Prof. V.B.Waghmare, HoD Elect.</p> <p>Member - Dr.S.S.Mohite, HoD Mech.</p> <p>Member - Dr.S.J.Wagh, HoD I .T.</p>

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		Member - Dr. P.M.Joshi, HoD E & TC Member - Prof. P.C.Shetiye, HoD MCA Member - Dr.V.S. Patil, HoD Mat hs Member - Prof. Smt. S.B.Karadkar, Asstt. Prof. Chemistry Member Secretary – Shri. S.M.Pardeshi, Store Keeper.
12	Sports Committee	Chairman - Dr. A.T.Pise, I/c. Principal. Member - Prof. S. K. Patil, Asso. Prof. Elect. (CAS)
13	Culture activities, Youth Festival, Art Circle	College Day Co-ordinator - Dr. P.M.Joshi, HoD E & TC Avishkar Co-ordinator - Prof. P.C.Shetiye, HoD MCA Magazine Co-ordinator - Prof. K.N.Tayade, Asstt. Prof. I.T. Cultural Activities & Youth Festival Co-ordinator – Dr.M.N.Hedau, Asso. Prof. Civil (CAS). N.S.S. & N.C.C, Co-ordinator - Dr.K.N.Alsundkar, Asstt.Prof, Chemistry. Ladies Activity Co-ordinator - Prof. N.M.Mule, Asstt. Prof. I.T. Ladies Sports Co-ordinator – Prof.P.R.Jadhav, Asstt. Prof. Elect. Cricket Co-ordinator - Prof. Y.D.Chavan, Asstt. Prof. I.T. Indoor Game Co-ordinator - Prof. S.V.Joshi, Asstt. Prof. Civil Tripal Ball Co-ordinator – Prof. P.C.Shetiye, HoD MCA Athletics, Indian Game Co-ordinator – Shri.A.B.Chaudhari, Asst. Prof. I.T. Gymnasium Co-ordinator - Shri.A.B.Chaudhari, Asst. Prof. I.T. Co-operative Society – Prof. N.V.Sali, Asso. Prof. Mech. (CAS)
14	Disaster Management Committee	Chairman - Prof. U.L.Deshpande, Asstt. Prof. Applied Mech. Member - Prof. U.S.Patil, Asstt. Prof. Elect. . Member - Shri. S.R.Gaikwad, Visiting Lect. Civil Member - Shri. A.A.Daunde, Visiting Lect. Mech. Member - Shri. H.D.Khairnar, Visiting Lect. E & TC.
15	Academic Calender	Chairman – Dr.K.N.Alsundkar, Asstt. Prof. Chemistry Member - Prof. U.V.Kanade, Asstt. Prof. Maths
16	Students Council	Prof. S. K. Patil, Asso. Prof. Elect. (CAS)
17	Special Cell standing committee for welfare of BC candidates	Chairman- Dr. Y.M.Ghugal, HoD Applied Mech. Member – Prof. S.M.Shinde, Asstt. Prof. Maths. Member –Prof. Smt. S.B.Karadkar, Asstt. Prof. Chemistry
18	Industrial/Education Tour visits, Excerions, Nature Club	Prof. A.R.Acharya, Training & Placement Officer.
19	Parent / Teacher	All Heads.
20	ISTE Chapter	Prof. S.V.Joshi, Asstt. Prof. Civil.
21	Staff Academy/ Staff welfare	Dr. Y.M.Ghugal, HoD Applied Mech.
22	Alumni Association & Career Vocational & Competitive exam. guidance	Chairman – Prof. A.R.Acharya, Asso. Prof. Mech. (CAS) Member - Prof. Smt. G.S.Dhende, Asstt. Prof. Mech. Member - Prof. Smt. N.R.Shetti, Asstt. Prof. I.T. Member - Prof. S.H.Patil, Asstt. Prof. Mech. Treasurer – Prof. U.S.Patil, Asstt. Prof. Elect. .
23	Employee Grievances Committee	Chairman- Prof. S. K. Patil, Asso. Prof. Elect. (CAS) Member – Prof. Smt.K.S.Gharge, Asstt. Prof. Mech.

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		Member – Shri. A.Y.Barkade, Registrar Member – Shri. S.J.Nikam, Hamal.
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4. STAFF

4.1 List of faculty

Sr. No	Designation	Name of Officer
Civil Engg. Dept.		
1	Associate Professor	Dr. S. S. Walunjkar
2	Associate Professor	Shri. B. A. Konnur
3	Assistant Professor	Shri. A. B. Landage
4	Assistant Professor	Shri. S. V. Joshi
5	Assistant Professor	Smt. S. V. Lale
Geology Dept.		
1	Assistant Professor	Shri. A. A. Bhondwe
Applied Mech. Dept.		
1	Professor	Dr. Y. M. Ghugal
2	Assistant Professor	Shri. U. L. Deshpande
3	Assistant Professor	Shri. P. K. Deshpande
4	Assistant Professor	Smt. V. M. Bogar
Mech. Engg. Dept.		
1	Professor	Dr. A. T. Pise
2	Professor	Dr. R. K. Shrivastav
3	Associate Professor	Dr. U. V. Pise
4	Associate Professor	Dr. S. P. Deshmukh
5	Assistant Professor	Shri. V. S. Jadhav
6	Assistant Professor	Dr. A. R. Aacharya
7	Assistant Professor	Shri. N. V. Sali
8	Assistant Professor	Smt. M. H. Yadav
9	Assistant Professor	Smt. G. S. Dhende
10	Assistant Professor	Smt. K. S. Gharge
11	Assistant Professor	Shri. V. B. Raka
12	Assistant Professor	Smt. S. S. Jadhav
13	Assistant Professor	Shri. S. H. Patil
Elect. Engg. Dept.		
1	Professor	Shri. V. B. Waghmare
2	Professor	Dr. P. M. Joshi
3	Associate Professor	Dr. U. V. Patil
4	Assistant Professor	Shri. S. H. Pawar
5	Assistant Professor	Shri. S. K. Patil
6	Assistant Professor	Shri. S. V. Patil
7	Assistant Professor	Smt. P. R. Jadhav
8	Assistant Professor	Smt. U. S. Patil
9	Assistant Professor	Smt. K. K. More
10	Assistant Professor	Smt. S. A. Morkhade
11	Assistant Professor	Shri. S. K. Mahindrakar
E & T C Dept.		
1	Assistant Professor	Dr. A. M. Sapkal

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I.T. Dept.		
1	Professor	Dr. S. J. Wagh
2	Associate Professor	Dr. R. B. Kulkarni
3	Assistant Professor	Smt. N. M. Mule
4	Assistant Professor	Shri. R. M. Mavale
5	Assistant Professor	Shri. Y. D. Chavan
6	Assistant Professor	Shri. B. S. Yelure
7	Assistant Professor	Shri. A. B. Chaudhari
8	Assistant Professor	Shri. P. B. Jawade
9	Assistant Professor	Smt. N. R. Shetti
10	Assistant Professor	Shri. C. V. Andhare
M. C. A. Dept.		
1	Assistant Professor	Shri. B. S. Patil
2	Assistant Professor	Smt. M. D. Malkauthekar
3	Assistant Professor	Shri. L. L. Kumarwad
4	Assistant Professor	Smt. P. P. Shinde
Physics Deptt		
1	Assistant Professor Physics	Dr. Smt. S. A. Patil
2	Assistant Professor Chemistry	Smt. S. B. Karadkar
3	Assistant Professor Chemistry	Dr. K. N. Alsundkar
Maths Dept.		
1	Associate Professor	Dr. V. S. Patil
2	Assistant Professor	Shri. S. M. Shinde
3	Assistant Professor	Smt. U. V. Kanade

4.2 List of Supporting staff

Staff list Class – 2

Sr. No	Designation	Name of Employee
1	Registrar	Shri. A. Y. Barkade

Staff list Class – 3

Sr. No	Designation	Name of Employee
1	Registrar	Shri. A. Y. Barkade
2	Office Superiendent	Mrs. C. C. Gosavi
3	Head Clerk	Mrs. S. P. Nalavade Joined on Dt. 02/07/2016 B.N.
4	Stenographer	Mrs. S. M. Jadhav
5	Senior Clerk	Mr. P. M. Shedbale Joined on Dt. 10/06/2016 B.N.
6	Senior Clerk	Mr. P. L. Kambale
7	Senior Clerk	Mrs. B. B. Dhekale
8	Senior Clerk	Mr. M. B. Nagane

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11	Senior Clerk	Smt. K. P. Shinde (K. B. Kalvatre-Patil)
12	Junior Clerk	Miss. A. D. Joshi
13	Junior Clerk	Mr. S. D. Pawar
14	Junior Clerk	Mr. R. N. Pol
15	Junior Clerk	Mr. N. M. Nadaf
16	Junior Clerk	Mr. N. R. Shirke
17	Junior Clerk	Smt. S. M. Mule
18	Junior Clerk	Smt. P. N. Gatlewar
19	Junior Clerk	Mr. W. S. Muke
21	Junior Clerk	Mr. P. S. Tale
22	Survey Instrument Mechanic	Mr. S. B. Ghantellu Joined on Dt. 09/06/2016 B.N.
23	Laboratory Asstt.	Mrs. P. P. Gadekar
24	Laboratory Asstt.	Mr. G. R. Patil
25	Laboratory Asstt.	Mr. V. P. Devake
26	Laboratory Asstt.	Mr. V. G. Patil Joined on Dt. 01/06/2016 B.N.
27	Laboratory Asstt.	-----
28	Laboratory Asstt.	Mr. J. R. Shingade Joined on Dt. 24/06/2016 B.N.
29	Laboratory Asstt.	Mr. A. R. Sonavane
30	Laboratory Asstt.	Mr. S. G. Ramod Joined on Dt. 13/06/2016 B.N.
31	Laboratory Asstt.	Mrs. J. N. Vaste
32	Laboratory Asstt.	Smt. S. G. Jadhav
33	Laboratory Asstt.	Mr. D. S. Mahajan
34	Laboratory Asstt.	Mr. V. S. Pawar
35	Laboratory Asstt.	Mr. S. M. Tate
36	Laboratory Asstt.	Mr. V. B. More
37	Laboratory Asstt.	Mr. D. R. Charole
38	Laboratory Asstt.	Mr. A. D. Shinde
39	Laboratory Asstt.	Mr. A. S. Chavan
40	Laboratory Asstt.	Smt. R. R. Taak
41	Engine Attendent	Mr. V. K. Jadhav
42	Store Keeper	Mr. S. M. Pardeshi Joined on Dt. 13/06/2016 B.N.
42	Store Keeper	Mr. A. B. Vasule.
43	Junior Store Keeper	Mr. G. V. Jadhav
44	Foreman	Mr. B. B. Jadhav Joined on Dt. 17/06/2016 B.N.
45	Chargeman	Mr. N. L. Giri
46	Chargeman	Mr. R. N. Rengade
47	Fitter	Mr. V. G. Adsule Joined on Dt. 08/06/2016 B.N.
48	Turner	Mr. S. L. Dhage
49	Machinist	Mr. B. M. Tambulwadikar
50	Welder	Mr. M. P. Langhi
51	Plumber	Mr. S. V. Koli

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52	Carpenter	Mr. M. T. Ghose
53	Black Smith	Mr. S. B. Ubale Joined on Dt. 08/07s/2016 B.N.
54	Pattern Maker	Mr. J. K. Sutar
55	General Mechanic	Mr. V. J. Kadam Joined on Dt. 01/06/2016 B.N.
56	Data-entry-operater/ Programmer	Mr. A. H. Bhoj
57	Liabrarian	Mr. S. R. Nikam
58	Asstt. Liabrarian	Mr. G. A. Kale
59	Electic Instrument Mechanic	Mr. S. S. Gurav
60	Electrician	Mr. B. R. Mustapure Joined on Dt. 13/06/2016 B. N.
61	Electrician	Mr. R. S. Shinde Joined on Dt. 01/06/2016 B.N.
62	Electic Mistri	Mr. R. A. Jadhav

Staff list Class – 4

Sr. No	Designation	Name of Employee
1	Peon	Mr. P. D. Nale
2	Peon	Mr. S. A. Madhale
3	Peon	Mr. S. A. Mirajkar
4	Peon	Mr. V. B. Savant
5	Peon	Mr. A. D. Shinde
6	Peon	Mr. R. S. Gangavane
7	Hamal	Mr. S. L. Bhingare
8	Hamal	Mr. V. S. Dhumal
9	Hamal	Mr. M. R. Jadhav
10	Hamal	Mr. A. S. Sabale
11	Hamal	Mr. A. R. Pawar
12	Hamal	Mr. J. V. Koli
13	Hamal	Mr. V. B. Gaikwad
14	Hamal	Mr. M. S. Rupnar
15	Hamal	Mr. R. M. Pawar
16	Hamal	Mr. V. K. Sankpal
17	Hamal	Mr. B. M. Suryavanshi
18	Hamal	Mr. D. N. Maruda
19	Hamal	Mr. A. K. Katare
20	Hamal	Mr. S. P. Kirve
21	Hamal	Mr. S. J. Nikam
22	Hamal	Mr. M. R. Bansode
23	Hamal	Mr. V. G. Jadhav
24	Hamal	Mr. C. S. Pargavkar
25	Hamal	Mr. H. D. Kumbhar
26	Hamal	Miss. R. D. Chaugule
27	Hamal	Mr. V. R. Lade

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28	Hamal	Mr. A. S. Kirpekar
29	Hamal	Mr. S. S. Shinde
30	Hamal	Mr. A. V. Chavhan
31	Hamal	Mr. A. B. Pawar
32	Hamal	Mr. D. B. Mane
35	Liabrary Attendent	Mr. S. P. Kulkarni
36	Liabrary Attendent	Mr. S. P. Pavaskar
37	Machine Attendent	Mr. G. L. Rokade
38	Machine Attendent	Mr. S. L. Chavhan

List of visiting faculty

Sr. No.	Name of Faculty	Desingation
1	Saurabh Sunil Yadav	Visiting Faculty Civil Engg.
2	Mrs. Rashmi P. Ambike	Visiting Faculty Civil Engg.
3	Shri. Anup Prabhakar Fadtare	Visiting Faculty Civil Engg.
4	Shri. Shekhar Raghunath Gaikwad	Visiting Faculty Civil Engg.
5	Pournima Baburao Shinde	Visiting Faculty Appied
6	Shri. Alok Shriniwas Kulkarni	Visiting Faculty Appied
7	Shri. G. U. Shikhare	Visiting Faculty Appied
8	Abhinandan kumar Jha	Visiting Faculty Mechanical Engg.
9	Mr. Amol Anil Sapkal	Visiting Faculty Mechanical Engg.
10	Mr. Sanjay Mahadev Bhosale	Visiting Faculty Mechanical Engg.
11	Mr. Vinayak Hanamant Karande	Visiting Faculty Mechanical Engg.
12	Smt. Pallavi Jageshwar Pudke	Visiting Faculty Mechanical Engg.
13	Mr. Swapnil Vasanttrao Thorat	Visiting Faculty Mechanical Engg.
14	Mr. Suheb Rashidahamad Kaji	Visiting Faculty Mechanical Engg.
15	Ms. Kashmira Bhimgoda Patil	Visiting Faculty Mechanical Engg.
16	Shri. Sumit Jagannath Kanase	Visiting Faculty Mechanical Engg.
17	Shri. Padurang Suresh Mulik	Visiting Faculty Mechanical Engg.
18	Pravin Subhash Pawar	Visiting Faculty Electrical Engg.
19	Apurva Sunil Kulkarni	Visiting Faculty Electrical Engg.
20	Yogiraj Basavaraj Korsegaonkar	Visiting Faculty Electrical Engg.
21	Smt. Ashwini Bhaskar Patil	Visiting Faculty Electrical Engg.
22	Smt. Shilpakala Gulabrao Bansode	Visiting Faculty Electrical Engg.
23	Niranjan Shahaji Deokule	Visiting Faculty Information Technology
24	Chaitanya Purushottam Garware	Visiting Faculty Information Technology
25	Kunjali Rajesh Pawar	Visiting Faculty Information Technology
26	Abhilasha Vijay Sathe	Visiting Faculty Information Technology
27	Jyoti Vinayak Tomake	Visiting Faculty Information Technology
28	Shri. Rajendra Bhimrao Pethkar	Visiting Faculty Information Technology
29	Smt. Jayshri Padurang Rankhambe	Visiting Faculty Information Technology
30	Pooja Sadanandrao Tanurkar	Visiting Faculty ENTC
31	Snehal R Suryawanshi	Visiting Faculty ENTC

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32	Mr. Prashil Hemchandra Zodape	Visiting Faculty ENTC
33	Supriya Sunil Kadam	Visiting Faculty ENTC
34	Shri. H. D. Khairnar	Visiting Faculty ENTC
35	Smt. Shital Umakant Pawar	Visiting Faculty ENTC
36	Sneha B Paymal	Visiting Faculty ENTC
37	Deepali Sunil Shinde	Visiting Faculty ENTC
38	Smt. Harsha Piraji Pawar	Visiting Faculty ENTC
39	Shri. Pratik Sudhir Shaha	Visiting Faculty ENTC
40	Shri. Prathamesh Vivek Kitur	Visiting Faculty ENTC
41	Shri. Shriram Amrut Shinde	Visiting Faculty ENTC
42	Shri. Anuj Shivaji Sabale	Visiting Faculty ENTC
43	Shri. Arun Manikrao Patokar	Visiting Faculty ENTC
44	Sonali Vishal Patil	Visiting Faculty MCA
45	Smita Pradip Patil	Visiting Faculty MCA
46	Gayatri Bhausahab Shinde	Visiting Faculty MCA
47	Pranali Mehul Sheth	Visiting Faculty MCA
48	Moses J Kartha	Visiting Faculty Physics
49	Smt. Savita Babanrao Supugade	Visiting Faculty Physics
50	Mr. Prakash Ganpat Thorat	Visiting Faculty Maths
51	Smt. Bhagyashri Maruti Patil	Visiting Faculty Maths
52	Smt. Nayana Amar Veer	Visiting Faculty Maths
53	Smt. Pooja Popatrao Humane	Visiting Faculty Maths
54	Mukund Ramchandra Shiyekar	Adjunct Faculty Applied
55	Jayant Parshuram Patankar	Adjunct Faculty Applied
56	Dr. Nitin Hanumant Deshpande	Adjunct Faculty Mechanical Engg.
57	Mr. Prakash Raghunath Wani	Adjunct Faculty Mechanical Engg.

4.3 Awards and Honors

Sr.No	Department	Name of the Faculty	Achievement
1	Civil	<u>Dr.M.N.Hedao</u>	Patent awarded, “Surface Aerator Blades with Twin Cups” for the term of 20 years from the date 30/03/2010
2		Prof.A.A.Bhondwe	Coordinator ISRO-Indian Institute of remote sensing (IIRS)
3		Prof.A.B.Landage	Deputing for PhD , IIT Delhi
4		Prof.P.K.Deshpande	Deputing for PhD
5	Mechanical	Dr.A.T.Pise	Take charge as In charge Principal
6		Dr.A.R.Acharya	PhD Complete under Shivaji University, Kolhapur
7		Dr.A.R.Acharya	RPS proposal of 16.5 Lakh for Microchannel Heat Transfer Enhancement
8		Dr.A.R.Acharya	MODROBS for Heat Transfer Laboratory

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9	Electrical	Dr.S.V.Patil	PhD Complete
10	ENTC	Dr. D. S. Shinde	Successfully Completed Ph. D from Shivaji University, Kolhapur
11		Ms. S. S. Kadam	Pursuing Ph.D. in Shivaji University, Kolhapur
12	Mathematics	Dr.V.S.Patil	<ul style="list-style-type: none">• Best Faculty Award-2018, GRABS Educational Charitable Trust, Chennai,India• Fellow, Indian Academic Research Association, India.2017
13	MCA	Dr.P.C.Shetiye	PhD Complete under SGBAU, Amravati University, Amravati.
14		Prof.P.P.Shinde	Perusing PhD from Shivaji University, Kolhapur
15		Prof.L.L.Kumarwad	Perusing PhD from Shivaji University, Kolhapur

5. ACADEMIC PROGRAMMES

5.1 Programme offered

Under Graduate Programmes

Sr. No	Programme	Sanction Intake	Year of Starting	NBA Accreditation
1	Civil Engineering	60	1960	YES
2	Mechanical Engineering	60	1960	YES
3	Electrical Engineering	60	1960	YES
4	Information Technology	60	2001	YES
5	Electronics and Telecommunication	60	2007	No

Post Graduate Programmes

Sr. No	Programme	Sanction Intake	Year of Starting	NBA Accreditation
1	M. Tech (Structural Engineering)	25	1960	YES
2	M. Tech (Construction Management)	25	2005	YES
3	M .Tech (Production Engineering)	25	1967	YES
4	M .Tech (Heat Power Engineering)	25	1967	YES
5	M. Tech (Power System)	25	2005	YES
6	M. C.A	30	1992	YES

PhD Programmes

Sr. No	Programme	Year of Starting
1	Civil Engineering	2011
2	Mechanical Engineering	2011
3	Electrical Engineering	2016

5.2 Admissions Procedure:

State CET cell conducting the entrance examination. Seats are allotted as per inter-se merit. For this purpose the State CET cell shall invite applications, prepare a separate merit list for each category and admission procedure is carried by centrally. Details of admission procedure is available on:

www.dtemaharashtra.gov.in

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5.3 Enrolment category wise with gender

Details of Admitted Students in First Year B. Tech.

Branch	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Civil	14	11	16	4	0	0	1	1	1	1	0	1	2	0	7	3	3	0	65
Elect	19	8	12	4	0	1	2	1	1		3	1	2	0	7	2	2	1	66
E&TC	16	9	10	6	1	1	1	1	0	1	3	1	0	0	10	3	0	0	63
IT	17	8	12	3	0	3	1	1	1	1	2	0	0	1	7	5	2	0	64
Mech	16	7	16	4	1	1	1	1	2	0	2	1	1	0	5	2	3	0	63
UG Total	82	43	66	21	2	6	6	5	5	3	10	4	5	1	36	15	10	1	321
MCA	4	8	5	4	0	0	1	1	0	0	0	1	0	0	1	1	0	0	26
ME C&M	7	4	4	0	0	0	0	1	0	0	3	0	0	0	5	0	0	0	24
Stru	15	1	4	1	0	0	0	0	1	0	0	1	0	0	2	0	0	0	25
EPS	2	3	2	3	1	0	1	1	0	0	1	1	0	0	1	2	0	0	18
HP	8	2	4	0	1	0	0	0	0	0	2	1	0	0	3	0	0	0	21
Prod	1	0	3	0	0	0	0	0	1	0	1	0	0	0	2	0	1	0	9
Total	119	61	88	29	4	6	8	8	7	3	17	8	5	1	50	18	11	1	444
PG Total	33	10	17	4	2	0	1	2	2	0	7	3	0	0	13	2	1	0	97

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Details of Admitted Students in Second Year B. Tech.

Branch	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Civil	18	9	17	7	1	0	3	1	2	0	1	1	2	0	5	3	3	3	76
Elect	18	10	17	6	0	0	2	1	2	0	2	1	1	2	6	4	3	2	77
E&TC	15	16	11	9	2	1	1	1	2	2	1	2	1	0	5	4	1	0	74
IT	13	10	18	5	2	0	2	0	2	1	4	0	2	0	10	6	2	1	78
Mech	19	10	16	7	3	0	3	1	1	0	3	0	1	0	8	2	3	0	77
UG Total	83	55	79	34	8	1	11	4	9	3	11	4	7	2	34	19	12	6	382
MCA	5	7	5	4	0	0	0	0	2	0	2	0	0	0	2	2	0	0	29
ME C&M	7	5	5	0	1	0	1	0	0	0	0	0	2	0	3	0	0	0	24
Stru	12	3	4	0	0	0	0	0	1	0	1	0	0	0	3	1	0	0	25
EPS	6	2	5	2	1	0	1	0	0	0	0	0	0	1	2	1	0	0	21
HP	12	2	6	0	1	0	0	0	0	0	1	0	0	0	3	0	0	0	25
Prod	8	1	2	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	13
Total	133	75	106	40	11	1	13	4	12	3	16	4	10	3	47	23	12	6	519
PG Total	45	13	22	2	3	0	2	0	1	0	3	0	3	1	11	2	0	0	108

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Details of Admitted Students in Third Year B. Tech.

Branch	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
Civil	20	13	10	6	0	0	1	1	1	2	3	1	3	0	5	2	3	0	71
Elect	14	11	12	7	2	2	3	0	2	0	2	1	1	1	5	6	2	0	71
E&TC	17	18	10	4	1	1	1	0	0	1	0	1	1	1	4	5	2	2	69
IT	19	11	6	12	2	0	1	1	1	1	1	1	0	0	5	4	0	0	65
Mech	23	9	14	6	1	0	1	0	1	2	2	1	1	0	5	1	1	0	68
UG Total	93	62	52	35	6	3	7	2	5	6	8	5	6	2	24	18	8	2	344
MCA	5	8	4	3	0	0	1	0	0	0	0	0	0	0	2	2	0	0	25
Total	98	70	56	38	6	3	8	2	5	6	8	5	6	2	26	20	8	2	369

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Details of Admitted Students in Final Year

Branch	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F			
Civil	25	11	14	2	1	0	2	2	1	1	2	1	2	0	9	1	4	1	79
Elect	18	9	14	10	1	1	0	1	2	1	4	0	0	2	7	5	4	1	80
E&TC	16	11	9	8	4	1	2	1	1	1	2	2	1	0	7	3	3	1	73
IT	16	16	12	8	0	0	2	0	1	1	2	2	0	1	9	5	0	1	76
Mech	26	10	12	4	2	1	1	0	3	0	1	0	1	1	5	4	6	0	77
Total	101	57	61	32	8	3	7	4	8	4	11	5	4	4	37	18	17	4	385

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5.4 Admission statistics

ADMISSION DETAILS B.TECH (First Year to Final Year)

	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	359	217	258	122	24	13	31	15	27	16	40	18	22	9	131	70	47	13	1432
	62.33	37.67	67.89	32.11	64.86	35.14	67.39	32.61	62.79	37.21	68.97	31.03	70.97	29.03	65.17	34.83	78.33	21.67	100
TOTAL	576		380		37		46		43		58		31		201		60		1432
% TOTAL	40.22		26.54		2.58		3.21		3.00		4.05		2.16		14.04		4.19		100.0

ADMISSION DETAILS M.TECH (First Year to Final Year)

	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	78	23	39	6	5	0	3	2	3	0	10	3	3	1	24	4	1	0	205
	77.23	22.77	86.67	13.33	100.0	0.00	60.00	40.00	100.0	0.00	76.92	23.08	75.00	25.00	85.71	14.29	100.0	0.00	100.0
TOTAL	101		45		5		5		3		13		4		28		1		205
% TOTAL	49.27		21.95		2.44		2.44		1.46		6.34		1.95		13.66		0.49		100.0

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ADMISSION DETAILS MCA (First Year to Final Year)

	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
	14	23	14	11	0	0	2	1	2	0	2	1	0	0	5	5	0	0	80
	37.84	62.16	56.00	44.00	0	0.00	66.67	33.33	100.00	0.00	66.67	33.33	0.00	0.00	50.00	50.00	0.00	0.00	100.00
TOTAL	37		25		0		3		2		3		0		10		0		80
% TOTAL	46.25		31.25		0.00		3.75		2.50		3.75		0.00		12.50		0.00		100.0

ADMISSION DETAILS B.TECH + M.TECH + MCA (First Year to Final Year)

	Open		OBC		SBC		VJ		NT1		NT2		NT3		SC		ST		Total
	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
MALE	451		311		29		36		32		52		25		160		48		1144
FEMALE		212		111		9		10		16		18		9		60		8	453
TOTAL	663		422		38		46		48		70		34		220		56		1597
% TOTAL	41.52		26.42		2.38		2.88		3.01		4.38		2.13		13.78		3.51		100.0

5.5 Students strength

	F.Y.		S.Y.		T.Y.		B.Tech	
	Branch	Strength	Branch	Strength	Branch	Strength	Branch	Strength
B.Tech	Civil	65	Civil	76	Civil	71	Civil	79
	Elect	66	Elect	77	Elect	71	Elect	80
	E&TC	63	E&TC	74	E&TC	69	E&TC	73
	IT	64	IT	78	IT	65	IT	76
	Mech	63	Mech	77	Mech	68	Mech	77
PG	MCA	26	MCA	29	MCA	25		
	ME C&M	24	ME C&M	24				
	Stru	25	Stru	25				
	EPS	18	EPS	21				
	Prod	9	Prod	13				
	HP	21	HP	25				
Total	B.Tech	321	B.Tech	382	B.Tech	344	B.Tech	385
	PG	123	PG	137	PG	25	PG	-

5.6 Fees and scholarships and stipend

Fee structure of B. Tech (All branches)

	FIRST YEAR	SECOUND YEAR	THIRD YEAR	FINAL YEAR
TUTION FEE	15000	15000	15000	15000
DEVLAPMENT FEE	39850	39850	32500	29614
OTHER FEE	26000	26000	26000	22231
CMD	1000	0	0	0
Id card	100	0	0	0
ALUMINI FEE	125	125	125	125
INSURANCE FEE	701	0	0	0
UNIVERSITY FEE	285	285	285	285
ISTE FEE	250	0	0	0
EZAMINATION FEE	2000	2000	2000	2000
LIVING CERTIFCATE FEE	50	0	0	0
TOTAL FEE	85,361	83,260	75,910	69,255

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Fee structure of M. Tech (All branches)

	FIRST YEAR	SECOUND YEAR
TUTION FEE	15000	15000
DEVLAPMENT FEE	39850	39850
OTHER FEE	26000	26000
CMD	1000	0
Id CARD	100	0
ALUMINI FEE	250	250
INSURANCE FEE	234	234
UNIVERSITY FEE	285	285
ISTE FEE	150	0
EXAMINATION FEE	3000	3000
LIVING CERTIFCATE FEE	50	0
TOTAL FEE	85,919	84,619

Fee Structure of M. C. A.

	FIRST YEAR	SECOUND YEAR	THIRD YEAR
TUTION FEE	4000	4000	4000
DEVLAPMENT FEE	8740	8740	6000
OTHER FEE	17400	17400	17400
CMD	1000	0	0
ID CARD	100	0	0
ALUMINI FEE	167	167	167
INSURANCE FEE	454	0	0
UNIVERSITY FEE	285	285	285
ISTE FEE	200	0	0
EZAMINATION FEE	1500	15000	1500
LIVING CERTIFCATE FEE	50	0	0
TOTAL FEE	33,896	45,592	29,352

Scholarships:

Scholarship given by	Applicable to category	Name of the Scholarship
Directorate of Technical Education	General	Dr. Punjabrao Deshmukh Vastigruh Nirvah Bhatta(DTE)
		Rajarshi Chhatrapati Shahu Mahraj Shikshan Shulkh Shishyavrutti Yojna (EBC)
		Scholarship for students of minority communities pursuing Higher and professional courses
Social Justice and Special Assistance	SC	Government of India Post-Matric (Scholarship)
		Maintenance Allowance ofr student Studying in Professional courses
		Post-Mateic Scholarship for persons with Disability

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		Post-Matric Tuition Fee and Examination Fee (Freeship)
Tribal Development Department	ST	Post Matric Scholarship Scheme (Government of India) (Scholarship)
		Vocational Education Fee Reimbursement
		Vocational Education Maintenance Allowance
OBC, SEBC , VJNT, & Welfare Department	OBC, SEBC, VJNT	Maintenance Allowance VJNT, SBC
		Post matric scholarship OBC
		Post matric scholarship SBC
		Post matric scholarship VJNT
		Tuition fees and Examination fees to OBC Students Freeship
		Tuition fees and Examination fees to SBC Students Freeship
		Tuition fees and Examination fees to VJNT Students Freeship
NSP Minority		Scholarship for students of minority communities pursuing Higher and professional courses

6. ANNUAL BUDGET

The focus of the budget for this year is mainly on developing research and development facilities and providing academic ambience to the students and faculty.

6.1 Highlights

1. Improving ambience, creation of new facilities in the form of building and refurbishment & advanced equipment's / latest software's have been considered.
2. State government has approved funds to PWD for construction of new Library and Electronics & Telecommunication buildings.
3. To improve the facelift of the institution, garden development, eco-friendly & smart campus
4. Conversion of one classroom in each department into a smart classroom with WIFI & Tab for which budgetary provision has been made.
5. Major & minor research projects provision has been made under R & D.
6. Enhancement of industry institute interaction through student Internship.
7. To enhance industry institute interaction, rate contract with travel agencies has been made and provision for expenditure on visits through institute / TEQIP III funds.
8. Activities are proposed in twinning program for Rajkiya College of Engineering Ajamgarh, U.P. under TEQIP III.
9. National & International seminars / workshops / conferences / FDP / CEP have been proposed.
10. Budgetary provision is made for present & new student clubs.
11. Solar roof / testing & research lab will be developed through MEDA / MNRE and State Govt. funds.
12. Gymkhana / Student Activity Center / playground development through DSO & Institute funds.
13. Surveillance & security for whole campus through CCTV camera.
14. Establishment of cloud computing / IOT facilities in campus.
15. Academic enrichment through services of industry / academicians / emeritus / adjunct / visiting faculties.

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6.2 Income and expenditure statement

BUDGETED INCOME & EXPENDITURE FOR THE YEAR 2018-2019																	
Components of Income/ Expenditure	Unrestricted Funds												Restricted Fund			(Figures in Lakh)	
	Corpus Fund (F1)	Designated Funds											Technical Education Quality Improvement Programme	State Govt Assistance	Central Assistance	TOTAL	Previous Year Total
		Faculty Development (F2)	Equipment Replacement (F3)	Maintenance (F4)	Institute Development (F5)	Salary (F6)	Gymkhana	Library	Training & Placement	Internet	Hostel	Exam Fee					
<i>Income</i>																	
Opening Balance	630.07	243.83	338.41	61.61	209.64	278.92	114.25	253.67	52.86	144.37	130.91	66.15	0	0	0	2524.70	1719.09
Academic Receipts	83.83	72.96	308.23	50.94	92.67	228.40	38.78	103.12	26.62	74.68		38.51				1118.78	955.64
Grants & Donations													579.00	2466.48	478.80	3524.29	2196.89
Income from investments	59.40	27.50	22.00	2.20	15.40	11.00										137.50	168.46
Other incomes		11.53					0.96				58.00	40.47				110.96	145.74
TOTAL (A)	773.32	355.84	668.66	114.75	317.71	518.32	153.99	356.78	79.48	219.05	188.91	145.13	579.00	2466.48	478.80	7416.23	5185.82
<i>Expenditure</i>																	
Staff Payments: Salary		266.13				529.46								1375.00		2170.61	1966.28
Staff Benefits		11.53														11.53	33.96
Academic Expenses: Recurring				15.00	72.24		28.70	8.83		54.52				209.28		388.59	307.13
Academic Expenses: Non Recurring	509.25		382.94		285.74		4.00	53.31		63.75	111.54			882.20	478.73	2773.46	1877.35
Administrative and General Expenses				15.00					62.20						0.07	77.27	117.27
Repairs & maintenance				52.16				1.12			23.40					76.68	120.35
Other Expenses												38.46	579.00			617.46	34.38
TOTAL (B)	509.25	277.68	382.94	82.16	357.98	529.46	32.70	65.28	62.20	118.27	134.94	38.46	579.00	2466.48	478.80	6115.61	4456.72
Balance being excess of	264.07	78.16	285.73	32.60	-40.27	-11.15	121.29	291.50	17.28	100.78	53.97	106.67	0.00	0.00	0.00	1300.62	729.10

6.3 Budget allocation

Sr. No.	Department	State Govt Plan (In Lacs)	State Govt Non-Plan	Institute level fund	Equipment replacement fund	Refurbishment
1	Civil	0.89	-	20.60	25.09	3.40
2	Mechanical	1.20	-	64.45	85.475	17.21
3	Elect	5.01	-	49.90	41.1	0.56
4	IT	1.43	-	26	38.89	-
5	ENTC	0.59	-	14.5	26.9	-
6	MCA	2.00	-	22.42	42.23	-
7	Applied mechanics	-	-	40.18	43.26	5.84
8	Workshop	0.65	-	2.00	31.68	-
9	Mathematics	-	-	1.80	-	5.36
10	Physics	1.14	-	1.90	3.71	-
11	Chemistry	1.60	-	8.40	1.00	-
12	Office	0.80	-	-	39.60	-
13	Civil Works	335	-	251.27	-	-
14	Library	6	-	-	-	-
15	Gymkhana	-	-	29.2	-	-
16	Institute	-	-	-	-	62.46
17	Clubs	-	-	45.53	-	
18	Salary, Traveling expences, office expences, Electric and telephone and water taxes, contractual services PP and SS, Material supplies		1410.7	-	-	-

6.4 TEQIP – III

Institute successfully completed second phase of World Bank aided Technical Education Quality Improvement Programme (TEQIP II) Project in the year 2016. Based on its excellent performance in second phase, the institute is selected for implementation of third phase of TEQIP (TEQIP III) in the year 2017. Total project allocation is Rs. 700 lakhs. Under third phase institute modernised its laboratories by adding sophisticated equipment. The establishment of interdisciplinary laboratories is under progress. New start up cell is established. Five smart class rooms are set up. Campus wide network facility is extended to hostels.

Students were encouraged to undertake R and D projects by providing them financial aid. Financial aid up to Rs.20, 000 and Rs.50, 000 is given to undergraduate and post graduate projects respectively. Regular technical tours were conducted for all classes. Industry experts and academic experts from premier institutes were called to deliver lectures to students. Students are regularly participating in national level technical competitions like Heckthon, Epicycle etc. Induction programme is conducted for first year students immediately after their admission.

Employability skill test is conducted for all students. Third year IT, Electrical and ENTC students participated in students learning survey conducted by Stanford University for continuously two years. Students were trained in soft skills by reputed professional agencies. GATE training is also provided third and final year students from professional agencies.

Ten faculty development programmes are conducted in all branches. These programmes benefitted faculties from all over Maharashtra and neighbouring states. Financial aid is extended to faculty for their higher studies. Senior faculty members are sponsored to participate in management development programmes conducted by IIMs. All faculty members are participating in various seminars and conferences conducted throughout the country due to which faculty research publications is considerably improved.

Government College of Engineering Karad is selected as mentor institute for Rajkeeya Engineering College Ajamgarh, Uttar Pradesh under TEQIP project. Institute is extending all support to its mentee institute. Number of senior faculty visited REC Ajamgarh and guided them to implement TEQIP project. Under our guidance mentee institute conducted induction programme and uploaded the SAR for Civil and Mechanical branches. Training and placement cell has assisted in improving placements.

- The details of expenditure made under TEQIP III are enclosed in additional sheet.

7. RESEARCH & DEVELOPMENT

7.1 Ph. D Programme

Sr. No.	Department	Name of Guide	No. of Students
1	Mechanical	Dr. A. T. Pise	3
		Dr. S. S. Mohite	5
		Dr. R K Shrivastava	3
2	Electrical	Dr. P. M. Joshi	8
		Dr. U. V. Patil	3

7.2 Seminar/ Symposia / Summer / Winter school organized

Sr.No	Activity (viz.trainings/workshops/ seminars etc.)	Title of Activity	Scheduled		Venue	No of participants
			From	To		
1	Workshops/STTP	Internet of Things and Mechatronics, Hands on Training on Raspberry-PI	25/06/2018	30/06/2018	GCEKarad	49
2	Workshops	Data Structure and Algorithms	08/09/2018	10/09/2019	GCEKarad	58
3	Workshops/STTP	Enhancing Teaching Learning Process and Research skills	29/10/2018	1/11/2018	GCEKarad	91
4	Workshops/STTP	IoM.IOT for Healthcare Application	17/12/2018	22/12/2018	GCEKarad	45
5	International Seminar	International Winter Academia	13/12/2018	21/12/2018	GCEKarad	136
6	Workshops	Gate Awareness Program	23/01/2019	24/01/2019	GCEKarad	276
7	Staff Development Program	Developing Basic Competencies in Laboratory	4/02/2019	8/02/2019	GCEKarad	120
8	Workshops/STTP	Fundamentals and application of computational fluid dynamics	02/04/2019	06/04/2019	GCEKarad	56
9	Workshops/STTP	Machine learning and Artificial Intelligence	10/06/2019	14/06/2019	GCEKarad	45
10	Workshops/STTP	Art of Living	27/07/2019	29/07/2019	GCEKarad	51

7.3 Seminar/ Symposia / Summer / Winter school attended by faculty

Sr. No.	Training mode	Title of training	Name Of Faculty	Broad area of training	FromDate	To date	Held at	Participants (Nos.)
1	Workshop	Innovans Technologies	Prof. V. M. Bogar	STTP on "Innovans Technologies "	2019-06-03	2019-06-13	External	1
2	Workshop	Advanced Structural Dynamics	Prof. V. M. Bogar	STTP on "Advanced Structural Dynamics"	2018-12-24	2018-12-28	External	1
3	Workshop	PG- Research symposium	Prof. V. M. Bogar	Workshop on " PG- Research symposium"	2018-08-20	2018-08-20	Internal	1
4	Workshop	AR-VR	P_rof. P. B. Jwade	Augmented Reality & Virtual Reality	2019-03-30	2019-03-31	Internal	1
5	Workshop	Android Development	Prof. J. A. Admane	Android Development	2019-03-09	2019-03-10	Internal	1
6	Workshop	Ethical Hacking & Digital Forensics	Dr. S. J. Wagh	Ethical Hacking & Digital Forensics	2019-02-07	2019-02-08	Internal	1
7	Workshop	IoMT: IoT & Medical Technologies	Dr. K. N. Alsundkar	IoMT: IoT & Medical Technologies	2018-12-11	2018-12-15	Internal	23
			Dr. S. S. Chougule					
			Dr. S. J. Wagh					
			Dr. R. B. Kulkarni					
			Prof. A. B. Choudhari					

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			Prof. M. D. Malkauthekar					
			Prof. S. M. Shinde					
			Prof. V. M. Bogar					
			Prof. Y. D. Chavan					
			Pro. A. V. Sate					
			Prof. C. P. Garware					
			Prof. C. V. Andhare					
			Prof. N. M. Mule					
			Prof. N. R. Shetty					
			Prof. N. S. Deokule					
			Prof. G. B. Shinde					
			Prof. P. P. Shinde					
			Prof. A. B. Choudhari					
			Prof. M. D. Malkauthekar					
			Prof. S. M. Shinde					
8	Workshop	Data Structure & Algorithms	Prof. N. M. Mule	Data Structure & Algorithms	2018-09-08	2018-09-09	Internal	1
9	Workshop	Internet of Things	Dr. S. J. Wagh	Internet of Things	2018-08-24	2018-08-26	Internal	1
10	Workshop	Sustainable Urban Transportation - An Indispensable Demand	Prof. A. B. Lagdade	Transportation	2019-02-18	2019-02-22	External	1
11	Workshop	Sustainable Urban Transportation: An Indispensable Demand	Prof. A. H. Kulkarni	Transportation	2019-02-18	2019-02-22	External	1

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12	FDP	Remote Sensing and Geographical Information System Applications in Coastal and Ocean Sciences	Prof. A. A. Bhondwe	Remote Sensing	2019-05-13	2019-07-05	External	1
13	Workshop	Pedagogy Workshop on Effective Teaching	Prof. A. H. Kulkarni	Effective Teaching	2019-06-03	2019-06-07	External	1
14	Workshop	3D printing	Smt. G. S. Dhende	3D printing	2018-08-23	2018-08-24	External	1
15	Workshop	Wosa-2018	Dr. A. T. Pise	Wosa-2018 4th World Summit on Accreditation	2018-09-07	2018-09-09	External	5
			Dr. P. M. Joshi					
			Dr. S. P. Deshmukh					
			Prof. B. A. Konnur					
16	Workshop	Application of remote sensing and GIS in civil Engineering	Prof. A. A. Bhondwe	STTP on "Application of remote sensing and GIS in civil Engineering "	2018-09-26	2018-09-29	External	2
			Prof. A. P. Phadtare					
17	Workshop	Flood Risk and River basin Management	Prof. A. A. Bhondwe	STTP on "Flood Risk and River basin Management"	2018-10-29	2018-11-02	External	1
18	Workshop	VMware	Prof. P. B. Jawade	Workshop on "VMware	2018-10-29	2018-10-31	External	1
19	Workshop	Sponsored research, industry-institute partnership, and Entrepreneurship, IPR and Good Governance	Dr. S. H. Pawar	One week National Workshop on "Sponsored research, industry- institute partnership,	2018-11-29	2018-12-03	External	2
			Dr. S. K. Patil					

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		practices.		Entrepreneurship, IPR and Good Governance practices"				
20	FDP	Scientific Computing and Industrial Problems	Dr. V. S. Patil	FDP on "Scientific Computing and Industrial Problems "	2018-11-19	2018-11-23	External	1
21	Workshop	Professional Development Training	Dr. S. J. Wagh	Professional Development Training	2018-11-26	2018-11-30	External	1
22	Conference/Symposuim	18-India's Prominent Digital Security	Dr. L. L. Kumarwad	National Digital Security Conference on "18-India's Prominent Digital Security "	2018-12-21	2018-12-21	External	1
23	Workshop	Ergonomics in design and engineering Education	Smt. G. S. Dhende	STTP on "Ergonomics in design and engineering Education "	2018-11-26	2018-11-30	External	1
24	Workshop	Industry Academia Human Resources Conclave	Smt. G. S. Dhende	Organised " Industry Academia Human Resources Conclave"	2018-11-17	2018-11-18	External	1
25	Conference/Symposuim	Electronics Communication, Computer technologies and optimisation Techniques	Dr. L. L. Kumarwad	International Conference on "Electronics Communication, Computer technologies and optimisation Techniques"	2018-12-14	2018-12-15	External	1

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26	Workshop	Machine Learning and its application in research and development	Prof. S. A. Morkhade	STTP on "Machine Learning and its application in research and development"	2018-12-10	2018-12-20	External	1
27	Conference/Symposium	Computing Modelling of Fluid Dynamics Problems	Dr. V. S. Patil	National Conference on "Computing Modelling of Fluid Dynamics Problems"	2019-01-18	2019-01-20	Internal	1
28	Workshop	Advanced Structural Dynamics	Prof. V. M. Bogar	STTP on "Advanced Structural Dynamics "	2018-12-24	2018-12-28	External	1
29	Workshop	IoMT IOT and Medical Technologies	Dr. K. N. Alsundkar Dr. S. S. Chougule Dr. S. J. Wagh Dr. R. B. Kulkarni Prof. A. B. Choudhari Prof. M. D. Malkauthekar Prof. S. M. Shinde Prof. V. M. Bogar Prof. Y. D. Chavan Pro. A. V. Sate Prof. C. P. Garware Prof. C. V. Andhare Prof. N. M. Mule	STTP on "IoMT IOT and Medical Technologies"	2018-12-11	2018-12-15	Internal	20

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			Prof. N. R. Shetty					
			Prof. N. S. Deokule					
			Prof. G. B. Shinde					
			Prof. P. P. Shinde					
			Prof. A. B. Choudhari					
			Prof. M. D. Malkauthekar					
			Prof. S. M. Shinde					
31	Workshop	IoMT IOT and Medical Technologies	Dr. K. N. Alsundkar	STTP on "IoMT IOT and Medical Technologies"	2018-11-11	2018-11-15	Internal	22
			Dr. S. S. Chougule					
			Dr. S. J. Wagh					
			Dr. R. B. Kulkarni					
			Prof. A. B. Choudhari					
			Prof. M. D. Malkauthekar					
			Prof. S. M. Shinde					
			Prof. V. M. Bogar					
			Prof. Y. D. Chavan					
			Pro. A. V. Sate					
			Prof. C. P. Garware					
			Prof. C. V. Andhare					
			Prof. N. M. Mule					
			Prof. N. R. Shetty					
			Prof. N. S. Deokule					
			Prof. G. B. Shinde					
			Prof. P. P. Shinde					
			Prof. A. B. Choudhari					

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			Prof. M. D. Malkauthekar					
			Prof. S. M. Shinde					
32	Workshop	Start Up Conclave-2019	Dr. R. B. Kulkarni	Workshop on "Start Up Conclave-2019"	2019-01-23	2019-01-25	External	3
			Prof. P. B. Jwade					
			Prof. S. H. Patil					
33	Workshop	Professional Development Training	Dr. U. V. Patil	Professional Development Training	2019-01-28	2019-02-01	External	2
			Dr. U. V. Pise					
34	Workshop	Enhancing Teaching Learning Process and research Skills	Dr. A. N. Alsundkar	STTP on "Enhancing Teaching Learning Process and research Skills"	2018-10-29	2019-11-02	Internal	24
			Dr. S. S. Chougule					
			Dr. A. R. Acharya					
			Prof. U. S. Patil					
			Prof. U. V. Kanade					
			Prof. V. M. Bogar					
			Prof. Y. D. Chavan					
			Prof. C. V. Andhare					
			Prof. N. M. Mule					
			Prof. N. R. Shetty					
			Prof. P. P. Shinde					
			Prof. S. B. Karadkar					
			Pro. A. V. Sate					
			Prof. C. P. Garware					
35	Workshop	Professional Development Training program	Dr. V. S. Patil	Professional Development Training program	2019-01-27	2019-01-31	External	1
36	Workshop	Environment Safeguard	Dr. Y. M. Ghuhgal	Workshop on "Environment Safeguard "	2019-01-11	2019-01-11	External	1

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37	Workshop	Sustainable Urban Transportation- An Indispensable Demand.	Prof. A. H. Kulkarni	STTP on "Sustainable Urban Transportation- An Indispensable Demand"	2019-02-18	2019-02-22	External	1
38	Workshop	Sustainable Urban Transport- Design of Road Infrastructure and facilities	Prof. S. V. Joshi	STTP on " Sustainable Urban Transport- Design of Road Infrastructure and facilities"	2019-02-15	2019-02-17	External	2
			Prof. S. S. Yadhav					
39	FDP	Signal Processing and Data Mining Techniques for Research using MATLAB	Prof. M. D. Malkauthekar	FDP on "Signal Processing and Data Mining Techniques for Research using MATLAB"	2019-03-27	2019-04-02	External	1
40	Conference/Symposuim	Equity Achievements and Challenges in India	Dr. A. T. Pise	National Conference on "Equity Achievements and Challenges in India"	2019-03-15	2019-03-16	External	8
			Dr. P. M. Joshi					
			Dr. A. R. Acharya					
			Dr. S. K. Patil					
			Prof. U. L. Deshpande					
			Prof. A. Bhondwe					
			Prof. K. B. Patil					
Prof. B. A. Konnur								
41	Conference/Symposuim	Emerging Trends in Engineering	Prof. P. B. Jwade	International Conference on "Emerging Trends in Engineering "	2019-03-22	2019-03-23	External	1
42	Workshop	Current Trends in Integration of IOT with Block chain	Dr. S. J. Wagh	STTP on "Current Trends in Integration of IoT	2019-03-11	2019-03-16	External	2
			Prof. C. V. Andhare					

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		Technology.		with Block chain Technology.				
43	FDP	Signal Processing and Data Mining Techniques for Research using MATLAB	Prof. P. R. Jadhav	FDP on "Signal Processing and Data Mining Techniques for Research using MATLAB "	2019-03-27	2019-03-31	External	1
44	Workshop	Innovation Cell	Dr. R. B. Kulkarni	MHRDs Innovation Cell	2018-11-20	2018-11-21	External	1
45	Workshop	Training of Teacher (TOT) for student Induction Training Program	Dr. S. H. Pawar	Wprkshop on "Training of Teacher (TOT) for student Induction Training Program "	2019-06-06	2019-06-08	External	3
			Prof. Y. D. Chavan					
			Prof. V. B. Raka					
46	Workshop	Revit Architecture	Prof. V. M. Bogar	STTP on "Revit Architecture"	2019-06-03	2019-06-13	External	1
47	Workshop	Artificial Intelligence and Machine Learning	Dr. L. L. Kumarwad	STTP on "Artificial Intelligence and Machine Learning"	2019-06-17	2019-06-21	External	2
			Prof. M. D. Malkauthekar					
48	Workshop	Capacity Building	Dr. P. M. Joshi	Workshop on "Capacity Building"	2019-06-24	2019-06-28	External	3
			Dr. S. P. Deshmukh					
			Prof. U. L. Deshpande					
49	Workshop	Artificial Intelligence and Machine learning	Prof. C. V. Andhare	STTP on "Artificial Intelligence and Machine learning"	2019-06-17	2019-06-21	External	3
			Prof. Y. D. Chavan					
			Prof. A. B. Choudhari					
50	Workshop	Professional Development Training Program	Dr. S. H. Pawar	Professional Development Training Program	2019-07-15	2019-07-19	External	2
			Dr. S. K. Patil					

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51	Workshop	Professional Development Training program	Dr. V. S. Patil	Professional Development Training program	2019-06-17	2019-06-21	External	1
52	Workshop	Professional Development Training program	Prof. B. A. Konnur	Professional Development Training program	2019-06-18	2019-06-22	External	2
			Prof. N. V. Sali					
Total Participants :- 163								

7.4 Research projects

Sr. No.	Name of the Student	Name of the Guide	Title of the Project	Affiliating Institute
1	Nilesh Kumbhar	Dr. A. T. Pise	Plastic Dervied Oil as Fuel for IC Engine	Govt. College of Engineering, Karad
2	Hemant Kadam	Dr. A. T. Pise	Enhancement of flow Boiling in Presence of Surfactant	Govt. College of Engineering, Karad
3	Atul Urade	Dr. A. T. Pise	Heat Tranfer Enhancement of Electronic Cooling using Wavy Fins.	Govt. College of Engineering, Karad
4	V. B. Sawant	Dr. S. S. Mohite	Development of an Intelligent Decision Support System	Govt. College of Engineering, Karad
5	M. H. Yadav	Dr. S. S. Mohite	Investigations of In-process Dynamical Behaviour of Fixture Workpiece System and Implementation of Adaptive Clamping	Govt. College of Engineering, Karad
6	V. P. Gaikwad	Dr. S. S. Mohite	Study of fluid flow and heat transfer in microchannel heat sinks for monolithic chip cooling application	TKIET, Ichalkaranji
7	M. V. Kavade	Dr. S. S. Mohite	Phenomenological and Parametric studies of Electro Discharge Machining (EDM) with a special emphasis on Powder Mixed Dielectric	Govt. College of Engineering, Karad
8	S. V. Kadam	Dr. S. S. Mohite	Experimental investigation on flow characteristics of nano fluids for forced convective heat transfer	Govt. College of Engineering, Karad
9	Krishna Dattatray Shinde	Dr. R K Shrivastava	Cathodic protection for delaying corrosion in refrgent compressors	Govt Engg College, Aurangabad
10	Madhavi S Harne	Dr. R K Shrivastava	Experimental evauation and validation performance and emmissions of CI engine using different blends of bio desiel	Govt Engg College, Aurangabad
11	Yogesh S Kokate	Dr. R K Shrivastava	Devlopment of High Prformance Vortex Flowmeter	Govt Engg College, Aurangabad

7.5 Research publications

SR. NO.	PROGRAM	NAME OF THE FACULTY MEMBER	PUBLICATIONS			
			NATIONAL		INTERNATIONAL	
			Journal	Conference	Journal	Conference
1	Civil Engineering	Dr. Ghugal Yuvraj M.	14	32	66	32
		Mr. Kumthekar M. B.	8	23	16	13
		Dr. Valunjkar S. S.	--	5	19	9
		Mr. Konnur B. A.	1	20	10	2
		Dr. Hirde S. K.	5	12	13	4
		Mr. Hedao M. N.	7	3	7	3
		Mr. Deshpande P. K.	--	2	2	2
		Mr. Deshpande U.L		3	1	--
		Dr. Wankhade R L.	--	7	14	13
		Mr. Landge A. B.	2	5	16	6
		Mr. Bogar V. M.	--	4	2	4
		Prof.S.V.Joshi	--	--	--	--
		Prof.Bhondave A.A	2	--	--	--
		Prof.A.P,Phadatare				1
		TOTAL		37	116	166

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	Mechanical Engineering	Dr. Pise. A. T	02	00	18	03
		Dr. Khodke P. M.	00	00	03	03
		Dr. Mohite S. S.	02	00	09	09
		Dr. Shrivastava .R.K.	00	00	08	00
		Dr.Deshmukh S.P	08	00	00	04
		Dr.Pise.U.V	00	00	00	00
		Dr.Dhole. L.P				
		Prof. Jadhav V. S	00	00	00	00
		Prof. Sali N. V	03	00	06	00
		Prof. Yadav M. H	00	01	03	05
		Prof. Acharya A.R.	00	00	27	00
		Prof. Patil K. H.	1		1	
		Prof. Raka V. B.	00	03	00	00
		Prof. Kadam .S.D.				
		Porf.Dhende .G.S				
TOTAL		16	04	75	24	
3	Electrical Engineering	Prof.Waghmare V. B.				
		Dr. Joshi P. M	1		8	10
		Dr.Patil.U.V				
		Prof. Patil S. V.		2	8	
		Prof. Pawar S. H.	4	2		
		Prof.Patil.S.K				
		Prof. Jadhav P. R.		6		
		Prof. Patil U. S.		2		2
		Prof. More K.K.				
		Prof. Morkhade S.A.				
		Prof. Mahindrakar .S.K.				
		TOTAL		5	12	16
4	Information Technology	Dr. Wagh.S.J	1		3	
		Dr.R.B.Kulkarni				
		Prof. Tayade K N.				3
		Prof. Chaudhari A B.		2		4
		Prof. Chavan Y. D.			2	
		Prof Yelure B.S		1	1	4
		Prof.N.M.Mule		3	2	
		Prof.Jawade.P.B			4	4
		Prof.Shetti.N.R			4	
		Prof.Andhare.C.V			2	
TOTAL		01	06	18	15	

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5	MCA	Dr. Shetiye P C.		7	2	4
		Prof.B.S.Patil				
		Prof. Malkauthekar M. D			2	10
		Prof. Kumarwad L. L.			2	1
		Prof.P.P.Shinde	1		2	4
		TOTAL	01	07	08	19
6	Science and Mathematics	Dr.Patil.V.S				
		Dr.Patil .S. A.	01	20	19	08
		Dr. Alsundkar .K. N.	2	03	03	
		Prof. Karadkar .S. B.				
		Prof. Shinde .S.M.				01
		Prof..Kande .U.V				
		Total	03	23	22	09
7	ENTC	Prof. Prashil Zodape	00	00	06	00
		Prof. Dr. Dipali Shinde	02	02	02	00
		Prof. Sneha Paymal	00	00	00	00
		Prof. Pooja Tanurkar	00	00	02	00
		Prof. Snehal Suryawanshi	00	02	02	00
		Prof. Supriya Kadam	03	03	07	00
		Prof. Ashwini Pudke	00	00	00	00
		Prof. Ashwini Patil	00	00	02	00
		Total	05	07	21	00

7.6 Patents

Following patents are filled during academic year 2018-19

1. Sensor-Less XYZ Scanner for precision Application (Application no-201621027261A)
Dr.S.P.Deshmukh
2. A Valed Opposed Piston Linear Compressor (Application no-201623007432)
Dr.S.P.Deshmukh
3. A Valed Opposed Piston Linear Compressor (Application no-201623007432)
Dr.S.P.Deshmukh
4. A Mechanism To Conveniently Release Footrest in Vehicles (Application no-201621025659) Dr.S.P.Deshmukh

7.7 Expert lectures by others at Institute

Sr.No	Date	Name of faculty	Expert Name	Department	Title
1	24/9/2018	Dr. Y. M. Ghugal	G.R.Munawalli	Civil	Guidance for desertation topic
2	15/9/2018	Dr. Y. M. Ghugal	M.B Kumthekar	Civil	Quantity surveying and valuation
3	15/9/2018	Dr. Y. M. Ghugal	M.S Randive	Civil	Scope of Construction Management in future
4	10-09-2018	Dr.S.J.Wagh	Dr.V Kuppilli	IT	Use of open source tool in machine learning
5	18-02-2019	Dr. Y. M. Ghugal	Prof. Eugenio Rucco	Civil	Stiffened Plates and Shells

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7.8 Faculty outreach

Civil

Prof. Dr. S.S. Valunekar has been deputed to GCE Avasari for the period of two years.

Electrical

Sr No	Faculty Name	Any activity to enhance teaching learning activity/social activity for upliftment of society	Working with organization out of institute	Participation in non-academic activities	Work in statutory bodies	Other (Plz Specify)
1	Vidyadhar B. Waghmare	-	BoS Member DKTE Ichalkaranji	-	-	-
2	Dr. Prasad M. Joshi	-BoS Chairman Shivaji University -Equity Coordinator for TEQIP	BoS member -SFPV -WCE Sangli -RIT Sakhrale -ADCOE Ashta -KIT Kolhapur	-International conference on accreditation New Delhi -Equity Conference At national Level Pune	-Faculty of Science & Technology shivaji university -RR committee Shivaji university	Member of IEEE, ISTE, IE
3	Dr. Uday V. Patil	-	PG Ph.D Examiner at -Nagpur University -Amravati University -Shivaji University	-	-Dean Academic Gce Karad -BoS Member EED GCE Karad	- Member of IEEE, ISTE
4	Dr. Suryakant H. Pawar	-	BoS Member WCE Sangli	-	Member secretory Academic Council	-
5	Uma S. Patil	-NSS Audit Co-ordinator -Gate Co-ordinator	-	-DiAS Club -Yoga Club -Purchase	-	-
	Kalpana K.			Hostel		

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6	More	MOOCs Activity -NPTEL Courses -Virtual Lab -Spoken tutorial etc	-	Warden Jijau Hostel, H & J Block	-	
7	Swapna A. Morkhade	-	-	Department Purchase Co- ordinator	-	

7.9 New facilities created

1. Civil Works Executed by BWC:- As per requirement of various departments of the institute, civil works like refurbishment of laboratory, renewal of flooring, renewal of washrooms, extension of buildings etc. has been executed through autonomy/ TEQIP-III grants.

Sr. No.	Name of Work	Status	Date of completion	Expenditure Incurred (Rs.)
1	Waiting Shed behind Dean Academics	Completed	18/12/2017	5,82,637/-
2.	Aluminium partitions for staff cabin	Completed	30/03/2018	6,96,535/-
3.	Construction of SC/ST girls hostel	Preparation of drawings is in progress Pretendering work is completed	-----	956.00 lakhs Estimated cost

BWC has carried out architect's state level competition for architects from all over Maharashtra. Through this competition 3 architects are empanelled. Further for all pretendering works like design, drawings, estimate, approvals from various authorities institute has appointed empanelled architect and details of 3 buildings in progress are as below:

➤ **SC/ST Girls Hostel:** - Construction of SC/ST girls' hostel building has been proposed and an architect has been appointed for the same. The preparation of drawings and estimate is in progress. This building will be executed by BWC at institute level.



Proposed SC/ST girls hostel building at GCE Karad.

2. **Civil Works Executed by PWD:** - Various civil works are executed by PWD as per requirement of the institute.

Sr. No.	Name of Work	Status	Date of completion	Estimated Cost (Rs.)
1.	Various works of repairs and extension of buildings in campus of GCEK.	WO has been allotted.	-----	250.00 lakhs
2.	Various works of repairs of buildings in campus of GCEK.	WO has been allotted.	-----	50.00 lakhs
3.	Various works of repairs of buildings in campus of GCEK.	WO has been allotted.	-----	281.00 lakhs
4.	Library Building	Preparation of drawings is in progress	-----	542.00 lakhs
5.	ENTC Building	Preparation of drawings is in progress	-----	582.00 lakhs

- **ENTC and Library Buildings:** - For the construction of proposed ENTC and Library buildings the competition was held between the architects by the committee and three architects were empanelled for the same. Two different architects were appointed for ENTC and Library buildings to prepare architectural drawings, RCC design etc. The E-Tender procedure is in progress and will be executed soon by PWD.

8 CENTRAL FACILITIES AND SERVICES

8.1 Central Library

The Governmentt College of Engineering, karad central library supports Teaching, Research & and other related programmes of the institute. The Library has richcollection of documents that comprises of Books, (including rare books) Journals, Bond Volumes, Theses, Project reports, Learning Resources (LRs) & Compact discs in the field of Engineering, Science, Management, and Literature Technology & Humanities. The library has computerized data of whole of its collection using SLIM 9.0 software and computerizing all activities in the library. The Central Library has book bank scheme for all students. Open Category Backward category and social welfare book bank scheme for SC/ST students are available in the library. The library has provides 18hrs reading room facility to the students. All digital resources are available throughout the campus using Wi-Fi connectivity Central library holds the total collection of 57982 books including book bank books accumulated over last six decades. Have 4792 Bound Volumes of Technical/Non technical journals, Magazine. It subscribes to 64 National and International journals / magazines. This library is member of ESE (E-Shodh-Sindhu) under which we receive 208+online journals including ASCE (34) + Springer (586) + worth Rs.20.5 lakhs. It issues m ore than 1400 books bank sets to the students including Social welfare free book bank scheme for SC/ST scholarship holder students. Reading hall facility is available from 8.00 am to 10.00 pm for full year. Digital library under library free library has purchased and developed E-Learning recourses worth Rs.44lacks. This facility can be available from anywhere in the entire campus by students and staff as wall. E books library has purchased 2284 E books worth Rs.13.40 lakhs. E books can be available from anywhere in the entire campus through intranet. Facilities as under,

Sr. No.	Particulars	Available
1	Total No. of Books / Volumes	55756
2	Total No. of Titles	21580
3	Total Cost of Books (Printed Amount)	Rs. 1,67,99,000/-
4	Total No. of National Print Journals	65
5	Total No. of e-Journals	2862

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6	Access of e-Books	2284
7	Expenditure on Print Journals for the Year 2017	Rs. 1,85,037/-
8	Expenditure on e-Journals / Resources for the Year 2016 (IEEE-ASPP, ASME, Springer, Elsevier & ASTM Digital Library, ASCE)	Rs. 43,93,087/-
9	Book Bank Facility (for SC / ST Students and OBC/EBC/OPEN Students)	Available
10	Total Area of the Library	665.272 sqm
11	Reading Hall Seating Capacity(Plus Periodical Section)	130
12	Reprographic Facility	Available
13	NPTEL (National Programme on Technical Enhanced Learning) Facility	Available
14	Library Working Hours	8.00 a.m. to 8.00 p.m.
15	Reading Hall Timing	8.00 a.m. to 10.00 p.m.
16	Usage data of Library (Daily Books Issue Return summary of Student & Staff)	200 - 300
17	Total Nodes / Computers with Networking Facility	50 Nodes
18	Total Price of Computer, Equipments & Furniture	Rs. 1,77,36,837

Facilities

- Open Access to all Users
- Library Timings : 8 am to 8 pm
- Book Bank : Set of 6 books
- General Section : 2 books
- Reading Hall : 8 am to 10 pm
- Digital library : 60 computers
- Surveillance System
- Periodical Section
- Wi-fi & structured network facility
- Online Public Access Catalogue Facility (OPAC) Campus wide connectivity on intranet
- Reference service, Current Awareness Service

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- E-journal facility to all readers/digital library in intranet
- CCTV system
- Online courses NPTEL/QEEE/
- Earn and Learn scheme for needy students
- Audio/Video Facility
- IIT Mumbai Library Membership
- Inter-Library Loan Facility]
- Reprography



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Library information 2018 -19

Sr. No.	Particulars	Available
1	Total No. of Books / Volumes	68202
2	Total No. of Titles	23565
3	Total Cost of Books (Printed Amount)	Rs. 1 6580577/-
4	<u>Total No. of National Print Journals</u>	81
5	Total No. of e-Journals	1262
6	Access of e-Books	2284
7	Expenditure on Print Journals for the Year 2019	Rs. 243000/-
8	Expenditure on e-Journals / Resources for the Year 2018 (IEEE-ASPP, ASME, Springer, Elsevier & ASTM Digital Library, ASCE)	Rs. 4050000/-
9	Book Bank Facility (for SC / ST Students and OBC/EBC/OPEN Students)	Available
10	Total Area of the Library	665.272 sqm
11	Reading Hall Seating Capacity(Plus Periodical Section)	150
12	Reprographic Facility	Available
13	NPTEL (National Programme on Technical Enhanced Learning) Facility	Available for all branches
14	Main Library Circulation Timing	9.00 a.m. to 7.00 p.m.
15	Reading Hall & e-Library Timing	6.00 a.m. to 11.00 p.m. Every day
16	Usage data of Library (Daily Books Issue Return summary of Student & Staff)	500-600
17	Total Nodes / Computers with Networking Facility	50 Nodes
18	Total Price of Computer, equipment & Furniture	Rs. 1,77,36,837/-

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Library Membership

Sr.No.	Membership Type	U.G.	P.G.	Total
1	Student Membership	1430	205	1635
2	Teachers	55		55
3	Supporting Staff	57		57
	Total members	1542	205	1747

Library e Resources

Sr. No	Name of Publisher	Name of Provider	No. of Journals	No. of Users
01	ASCE E Journals package 34 Journals + Back file to1983	Global Information Technology, Gurgaon, Haryana.	35	Multiusers
02	ASME E Journals package 27 Journals + Back file to2000	Global Information Technology, Gurgaon, Haryana.	28	Multiusers
03	Springer Electrical, Electronics and Computer Science Engineering Collection Titles - 149	Global Information Technology, Gurgaon, Haryana.	740	Multiusers
04	ELSEVIER Science Direct – 275 E –Journals + Back files from 2000	Global Information Technology, Gurgaon, Haryana.	275	Multiusers
05	IEEE All Society Periodicals Package(ASPP) 184 Journals + Back file to 2000	EBSCO,International Inc,USA	184	Multiusers
06	National Digital Library (NDL)Intuitional Membership	IIT,Kharkpur	Unlimited e-books & e-journal	Multiusers
07	NPTEL Video lectures	Bodh Bridge,Chenni	All Branch	Multiusers
08	Swayam Channels	AICTE/UGC-DTH	All Branch	Multiusers

Salient Features / Facility available in Library

1. National Digital library (NDL) Institutional Member ship facility available.
2. Slim 21 Library Management Software With Barcode System
3. Open Access available to All Users.
4. 20 Books issued for one Semester.
5. M. Tech Students 7 Books issued for 15 days.
6. All B. Tech Students 2 Books issued for 15 days.
7. Online Public Access Catalogue (OPAC) facility available throughout the Campus by Wi-Fi
8. Book Bank facility available for each Semester to More than 1200 Students.
9. Free Book Bank Facility available to SC/ST Students.
10. Inter-Library Loan facility available.
11. Multimedia Facility available
12. NPTEL Videos for all branches
13. Swayam Chanel facility available through DTH.

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8.2 Hostel

Government College of engineering karad offers hostel facility for students. Hostel located in green area and surrounded with trees and gardens. We have well organized hostel facility at campus can accommodate more than 1000 students. Hostel has filtered water facility at each hostel. Hostel is equipped with solar water heaters for hot water and wifi facility.

Hostel

Hostels	Area (Sq.m.)	Capacity
Block -B	3,081	540
Block -C	3,081	
Block -D	2,446	
PG Hostel	537	24
Jijau (Girls)	4,953	240
Total	14,098	804

Facilities

- Mess for each hostel
- Gymnasium
- Solar Water Heaters
- Potable Water (UV Plants) with cooler
- Reading Room/ Library
- Recreation Hall
- Cyber Cafe
- Dispensary
- Canteen
- Co-operative store
- Xerox Centre



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- AICTE has sanctioned new hostel 2 Cr for SC/ST Girls students with capacity 200 students.
- Govt. of Maharashtra sanctioned new hostel constructed for economically backward girl students with intake 75 capacity in the campus.

8.3 Clubs

GAME OF CLUBS

1. The Dias Club

If you want to express yourself with your innovative ideas and view efficiently and elegantly then “The Dias” is the club for you! Dias focuses on developing interpersonal and public speaking skill among the students. The organizing committee of dais strives to bring out the best from students by arranging sessions based on group discussion ,debates, extempore and much more! The club has organized dais talk to set an example of public speaking. The club or anises and yearly inter college competition too. The very international event of college, TEDX GCEK was organized by the same club. The club yet looks forward to arrange more and more events to beat the previous year’s benchmark!

2. Robo club

Vision- To implement students idea and concepts.

A hello friend, our club was established in 2015. The main of forming this club is to participate in the “Robocon” which is a international level event organized by MITCOE pune. The winner of the Robocon India has a change to represent on an international level. In Robocon 2017 among 115 top colleges, our college secured 44th rank.

Along with Robocon, our club has conducted various activities like events under AAVISHKAR, arranging a workshop on Arduino, Raspberry pi, MATLAB processing. Also, our members make different projects. One of our team made drone and participated in Techfest. Here in Robo-club you can improve and implement your subject concept, programming ability, thinking and ideas...

3. Words Worth

We don’t read and write because it’s cute. We read and write because we are the member of human race and this filled with passion. While engineering Architecture, Law is noble pursuits, Literature. Poetry beauty are what we stay alive for..

Dead poet’s society in the sprite of the same words-worth club was formed in 2017. The goal of this club was to provide a source of literature not just to learn something or

study something but enjoy, to imagine and to live something extraordinary. This club provides a way to read your favorite books and to grow as a community. We believe that it is important for the students of this college to read outside the curriculum to be more aware of this society and the people in it.

The club is expecting its first set of books by March-2018. It will also start conducting meeting for the book club from next semester. We encourage everyone to give it a change.

4. Yoga club

Considering the line YOGA club with the mission to help the students to achieve inner peace and outer dynamism, conducts many activities. The vision of taking students to words healthy life style helped to get sharper mind and fit body.

To underline the importance of “Ayurveda” in our ancient culture 'herb plantation' of Be, Aloe Vera, Tulsi, Amla was carried out. Daily session of yoga in hostel was part routing for girl students warm up, sun salutation (Surya namskar), different Asanas and Pranayam were included in it. Especially meditation filled their day with peace and joy. Guest lectue, Celebration of yaga day, sun salutation day are queued to create awareness about yoga practice and nutrition. Club and club members are enthusiastic to lead young collegians to be more dynamic, more peaceful and eternal joyous.

5. Open source

The term “OPEN SOURCE” refers to something people can modify and share because its design is publicly accessible. Open source software who have access to computer programs source code improve that program by adding feature to it or fixing part that don't always work correctly. Our objective is to build promote and setup open source software. We have conducted various activities under club like study open source software for our institute and society.

6. Electro chasers

The Electo-Chasers club is established in 2017. The main aim of forming a club is to create awareness about recent electronic advancement in all disciplines and to motivate and help students to implement their ideas for all branch students.

In this club, we had taken a workshop on Proteus software (Circuit designing and simulation software), conducted an interactive session on PCB printing steps. We have organized a lecture on project management by Sanjay Jogalekar. Also under club students went to other colleges for competition. In this club, you can build concept and follow your hobby.

7. The Contriver

The purpose of starting the club was to create awareness about the greatest revolution after internet i.e. Internet of Thing. The world is expecting more than 50 billion IoT products by the fall of 2020 and in order to make ourselves competent, for this upcoming trend, we started this club. Under this club we plan to learn, create various aspects of your life that can be customized using IoT. In spirit of the same, the club started a professional Python training in January 2018. The training will include everything from learning Python to build a very own IoT product using raspberry pi. The club has also planned to buy Raspberry Pi, sensors and different components so that the students would have a hand-on experience.

8. Divine club

“Helping hands are better than praying hands”

As we are a part of society it is our responsibility to contribute for community. If you have strong desire to do so, then divine club is right place for you. Under shelter on this club we perform social activities and in correspondence to it, our college has adopted Goware village. The motto of our club is to develop Goware village in technically, socially, economically, etc. Being engineer, we try to provide technical solution to the problems faced by villagers. In academic year 2017-18, following events are conducted successfully,

- Swachh Bharat Abhiyanta
- Street play (Baki sab think hai- related to changing environmental issues)
- Social awareness rally
- E –literacy at Goware primary School.

9. GCEK HERALD

New letter- GCEK HERALD is college News Letter which highlights the development of college. The newsletter also publishes institute scientific article written by staff and students there are subrel column like alumni columns like alumni corner, news from various department, ongoing activities on the campus, research problem. The newsletter is the mirror of the activities of Govt. College of Engineering, Karad

10. SPIC MACAY

Society for promotion of Indian classical music and culture is a nonprofit origination to promote Indian culture and music amongst college students. Spic Macay holds musical concerts, seminar, workshops to promote music and Indian culture in college campus. Spic Macay holds more than 1 Lakh programs per year throughout all educational campuses in India and abroad. The first program in GCEKARD was s organized by performance of Mangiars of Rajasthan.

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Following are the CLUBES actively conducting various programs. (2018-19)

S.N.	Name of the Club	Faculty advisers	No. of activities
1	Robo Club	Prof. Smt.G.S.Dhende. (Mech.)	7
2	Startup	Prof. Smt. A.S.Kulkarni (Elect.- Visiting Faculty)	9
3	Divine	Prof. Snehal Suryanshi (ENTC- Visiting Faculty)	6
4	Quest-Adventure, Trekking & Wild Life Photography	Prof. Y.D.Chavan (I.T.)	2
5	The Dais	Prof. Smt. U.S.Patil (Elect.) & Dr. D. S. Shinde	5
6	Aerobic	Prof. Smt. S.B.Karadkar (Sci.) & Dr. D. S. Shinde	4
7	Yoga Club	Prof. Smt. U.S.Patil (Elect.) & Dr. D. S. Shinde	4
8	Dhruve	Prof. A.A.Sankpal (Mech.- Visiting Faculty)	11
9	Open Source	Dr.R.B.Kulkarni (I.T.)	6
10	Electrochasers	Prof. S. S. Kadam (E & TC – Visiting)	4
11	The Contriver	Prof S. B. Paymal (E & TC – Visiting)	5
12	Words Worth	Prof. Smt.P.S. Tanurkar(E & TC – Visiting)	2
13	Cyber Security	Prof. Shri. C.V. Andhare(I.T.)	2
14	GCEK Herald	Dr.R.B.Kulkarni (I.T.)	2
15	SAE/BAJA/IMECH	Prof. Smt.K.S.Gharge (Mech.)	4

10.4 Innovation and Incubation center

Government College of Engineering, Karad has established CIIS Start-Up and Incubation Cell. The Startup Cell envisioned having enrolment of start-ups and supporting self-entrepreneurship for students and faculties. This facility is going to be made available to all budding entrepreneurs of the region. The Aim of CIIS Start-up and Incubation Cell is to facilitate, promote and nurture entrepreneurship. Nurturing environment leads for young start-up and spin-out technology companies; alleviating their survival and growth, thus encouraging them to reach their full potential. The Cell aspires to develop individual talent, skills and personality to give each business the best possible start, thus fostering entrepreneurship at a local and national level.

The Objectives of CIIS Startup Centre are:

- To nurture culture of innovation at campus.
- To inculcate a culture of innovation driven entrepreneurship.
- Helping idea to translate into reality and upgrade them to the level of commercial value.
- To promote new technology/ knowledge/ innovation based startups.
- To encourage solving real problems.
- To create value added jobs and services.
- To provide a platform for speedy commercialisation of technology developed by new entrepreneurs.
- To build a vibrant startup ecosystem, by establishing a network between academia, financial institutions, industries, and other institutes.

The following facilities are provided to register startup entity:

- Furnished as per the requirement of the entity
- Internet, electricity, and water facility
- Hostel facility and Guest House Facility: Rooms are available in reasonable rate for Startup Centre in Guest House in GCE Karad campus.
- Laboratory and Workshop facilities
- Library facility
- Support for legal and financial advice by empanelled consultants
- Mentoring support from institute

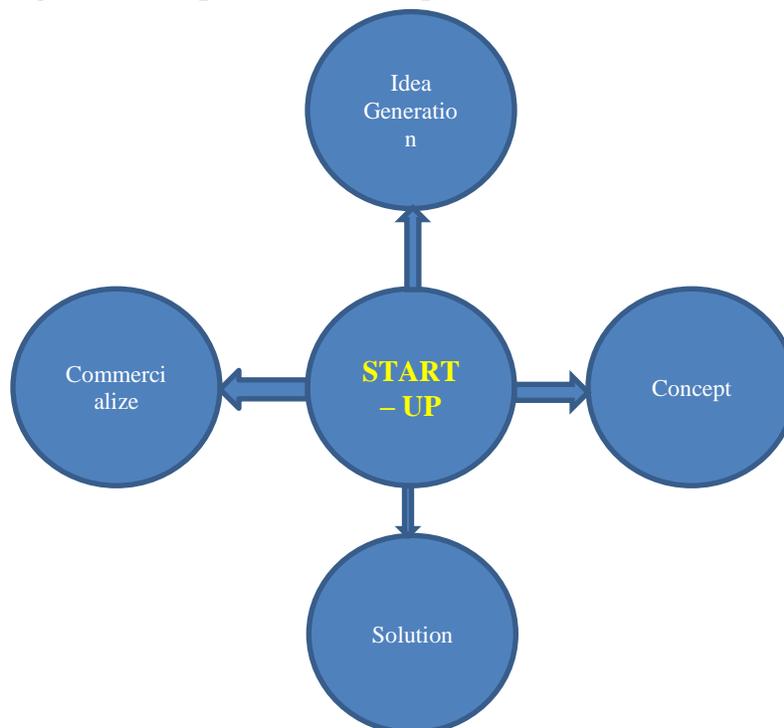
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- Interactive workshops with Angel Investors and Venture Capitalists
- Facilitation of bank loan
- Canteen and Food Facility: Food/ Snacks/ Tea available in GCEK canteen, which is situated at 50 yards distance from the Startup Cell.

Strategy:

CIIS committee of GCE Karad accepts application for start-ups scrutinises the application and takes decision regarding the conceptualisation, funding and commercialization of project. The projects are incubated in IIS with mentoring and all possible help is provided then graded depending on grading system the project are seed funded from INR 10000 to 1 lakh and in later stage are sent to financial organisation like venture capitalists and other financial companies for further growth and funding.

CIIS organizes regular meetups of venture capitalists and other financial companies from time to time



\CIIS GCE Karad takes into consideration for Startup

- Idea Generation:-
- Commercialize
- Concept
- Solution

Representation at National Start Up SUMMIT Organised By AICTE

AICTE meet at Science Congress at IIT Madras

AICTE New Delhi the apex organised a workshop for start-up activities during Science Congress at Chennai. It was addressed by the vice chairman Of NitiAyog and Dr Bhatkar. The workshop was addressed by several successful start-up owners.

Our Institute represented the workshop. Very few institutes had privilege to attend the workshop GCE Karad was represented by Dr R B Kulkarni

Meeting with Mr Sanjay of Keralastart up Village and several start-up owners during the science congress



Proposal to Atal Incubation Centre

The Institute has applied for Atal Incubation Lab. The NITI Ayog has started Atal Incubation Lab where in each will get a finance of 10 crores to start incubation activities in their institute. The Institute has also applied for other start-up activates grant to Govt and Non-governmental Institutes.

Entrepreneurship Orientation and Incubation Program with Millennium minds

The institute has done an MOU with Millennium minds an NGO working to promote business and start-up activities in the institute

The founder of Millennium minds Upendra Rai and startup founder conducted a one day workshop on the experiences of starting a Startup. They elaborated how startups will help to ease the burden job vacancy Millennium minds is also helping to conduct more programs with the help of successful entrepreneurs

Lecture on Entrepreneurship by Namdeorao Jadhav



Noted speaker on Shivaji Maharaj was organised by Incubation and startup club. Mr Jadhav gave vivid life experiences on why students should turn to Business. He also stressed to have a proper ecosystem in colleges of make students ready for accepting challenges in the world of business.

GCEK Satara Entrepreneur meets at Government College of engineering Karad

The Institute organised the a summit of Entrepreneurs in and around Satara .The founder of Sun candles from Mahableshwar Bhavesh Bhatia who is successful Entrepreneur was invited for inaugural talk Mr Bhavesh being Blind has done remarkable progress in business in order to promote him as role model GCEK invited him for the program.The sessions were specifically in tune with the government of India start up policy and start up india initiative Start-Up India, Stand-Up India, MUDRAYojana, & Other Funding Resources Start-Up Stories of Engineers Flipkart | OLA Cabs | PayTM | RedBus Getting Started your Business through StartUp India Learning Program Online e-Biz Portal were conducted .

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The second session was an open forum conducted with seven entrepreneurs from Satara district. These start-up founders shared their business success with the students. The students also participated in big numbers. The response from the students was very excellent. The program in a long run will inspire many students to become an entrepreneur himself

➤ **Expert Lecture on “3D Animation, Visualisation and Gaming Technology”**

Date :- 15th Oct 2019

Event: - Expert Lecture under TEQIP (III)

**Resource Person: - Mr. Narendra Navale
Director, Horizonfx Animation Studio, Pune.**

Expert lecture was organized by on 15th October 2019. Mr. **Narendra Navale, CEO, MDS and Business, Pune**, invited as resource persons for Expert lecture. Total 100 students have participated in this Program. With the great effort of Dr, S J Wagh, Head of Department Information Technology, Dr. R B Kulkarni, Dean of CIIS and faculty members, the expert lecture was successfully conducted.

Welcome and felicitation of resource person was done by Dr. A T Pise, Principal, GCEK. Need of this sector was given by S J Wagh sir, Introduction to the program was given Dr. R B Kulkarni.

Session 1, Mr. Narendra Navale delivered a session on 3D Animation, Visualisation and Gaming Technology platform and services, its features along with carrier opportunities and latest trends in this field from industry requirement point of view was given.

Session 2 was an interactive session with Overall open discussion, queries and answers was done in last session and live demo was given on this technology, working projects and future projects in this sectors were also shown through presentation.



8.5 Sports and other activities

SPORTS ACTIVITIES IN YEAR

- We have gymkhana of 3000sq ft to play indoor games.
- Our college students take part in 16 different sports and 129 students were participated in zonal and and few of them also selected for Inter zonal tournament. Few of them are selected in university team. 31 students participated in zest 2017(All India Inter Engineering Tournament organised by COEP). One student participated in SPUNK organised by RIT College Sakhrale. One student participated in VasantKrida Mahotostav organised by PVPIT, Sangali.

ZONAL and INTER ZONAL TOURNAMENTS

- Table Tennis (Men) team of college is the winner of Zonal Sports and also got 3rd place in Inter Zonal Tournament.
- Volleyball (Men) team of college is the Runner of Zonal Sports and also qualified for Inter Zonal Tournament.
- Chess (Men) team of college got 1st place in Zonal Sports and Omkar Kumbhar (TE Civil) was selected for inter zonal tournament.
- Handball (Men) team of college got 4th place in Zonal Sports and also qualified for Inter Zonal Tournament.
- Cricket (Men) team of College got 4th place in Zonal Sports and also qualified for Inter Zonal Tournament.

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- First time in college history the event like Rop Malkhamb played by mis. Vanshri Chitlewad In Inter Zonal.

UNIVERSITY SELECTION

- Ajinkya Rajendra Bhosale of TE Civil is selected in Shivaji Universities boys Table-Tennis team for west zone which is held at Solapur University, Solapur.
- Snehal Gaikwad of BE Mech was selected in Shivaji University girls basketball for West zone and also selected for Ashvamedh Krida Mahotostav.

ZEST 2018

- Table Tennis (Men) team of college was played semi final in Zest 2018.
- Athletics :-

1) Sonal Sangade	-	200 Mtr 1 st place
2) Jyoti Waghmare	-	800 Mtr Women1 st place
3) Sonal Sangade	-	400 Mtr1 st place
4) Jyoti Waghmare	-	1500 Mtr. Women1st place
5) Jyoti Waghmare	-	3000 Mtr. Women1 st place
6) Jyoti Waghmare	-	5000 Mtr. Women1 st place
7) Jyoti Waghmare	-	10000 Mtr. Women1 st place
8) Chandrakant Gangurde	-	110 Mtr 2 nd Place

Jyoti Waghmare is awarded by Best Athlete 2k18.

SPUNK 2018 (Inter Engineering Sports Championship)

- Table Tennis (Men) Ajinkya Bhosalewas the winner of single SPUNK 2017 Organized by RIT College Sakhrale.

WEST 2018 (Inter Engineering Sports Championship)

- Kho-Kho (Men) of College Team was the Runner of WEST 2017 Organized by Walchand college of Sangli.

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➤ Zonal/ Inter Zonal at a glance

SR.NO.	NAME OF THE GAME	M/W	LEVEL	PLACE
1	CHESS	M/W	ZONAL	1 st PLACE
2	CHESS	M/W	INTER-ZONAL	PARTICIPATED
3	TABLE-TENNIS	M	ZONAL	1 st PLACE
4	TABLE-TENNIS	M	INTER-ZONAL	3 rd PLACE
5	VOLLEYBALL	M	ZONAL	2 nd PLACE
7	VOLLEYBALL	W	ZONAL	PARTICIPATED
8	VOLLEYBALL	W	INTER-ZONAL	PARTICIPATED
9	HANDBALL	M	ZONAL	4 th PLACE
10	HANDBALL	M	INTER-ZONAL	PARTICIPATED
11	KABADDI	M	ZONAL	PARTICIPATED
12	BASKETBALL	W	INTER-ZONAL	PARTICIPATED
13	KHO-KHO	M	ZONAL	PARTICIPATED
14	FENCING	M	INTER-ZONAL	PARTICIPATED
15	ATHELETICS	M/W	ZONAL	PARTICIPATED
16	BADMINTON	M	ZONAL	PARTICIPATED
17	BADMINTON	W	ZONAL	PARTICIPATED
18	CRICKET	W	ZONAL	PARTICIPATED
19	CRICKET	M	ZONAL	4 TH PLACE
20	KHO-KHO	W	ZONAL	PARTICIPATED

➤ Zest16 Tournament at a glance

(Organized by COEP national level inter engineering tournament)

SR.NO.	NAME OF THE GAME	M/W	LEVEL	PLACE
1	Handball	M	ZEST	Participated
2	TABLE-TENNIS	M	ZEST	Semi final

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SPORTS CARNIVAL (INTER CLASS GAMES)

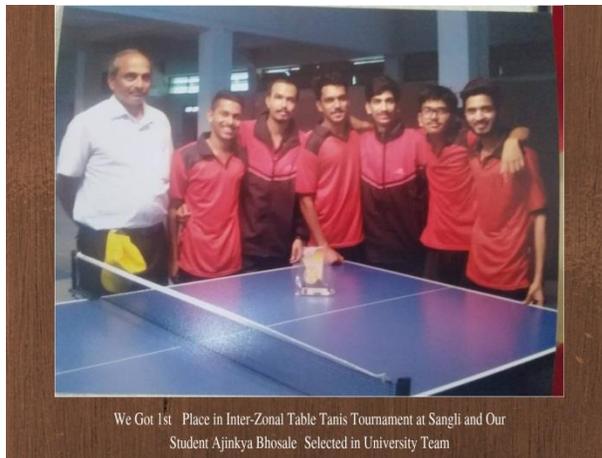
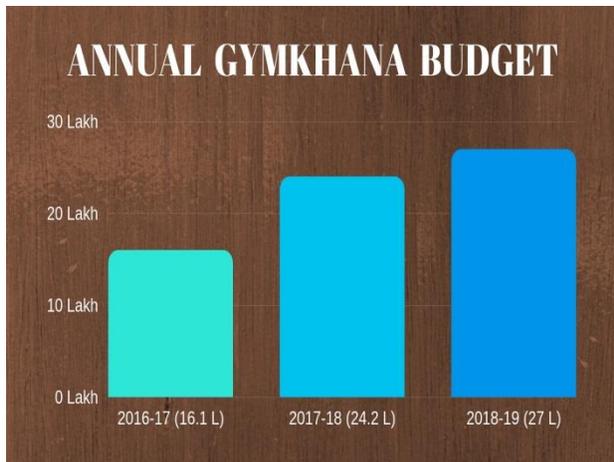
First time in the history of GCEK 11 different sports and 982 students were participated in SPORTS CARNIVAL and its huge achievement by Gymkhana department.

SR.NO.	NAME OF GAME	M/W	WINNER	RUNNER
1	CRICKET	M	T.E.ENTC	B.E. ENTC
		W	CIVIL Dept.	I.T.Dept
2	VOLLEYBALL	M	T.Y.MECH	B.E. ENTC
		W	Mech. Dept.	I.T. Dept.
3	BASKETBALL	M	T.E.CIVIL	T.E. I.T.
		W	MECH Dept.	ENTC Dept.
4	KHO-KHO	M	B.E.Mech	T.E. Elect.
		W	ENTC Dept.	Mech. Dept.
5	KABADDI	M	B.E.Ele.	T.E.ENTC
		W	I.T.Dept.	Elect. Dept.
6	FOOTBALL	M	S.E. Elect.	T.E. Elect.
TABLE-TENNIS				
7	Single	M	Ajinkya Bhosale	Chinmay Bhide
		W	Ketaki Mulaye	Amruta Gundwade.
	Double	M	Ajinkya Bhosale Deval Nakhate	Chinmay Bhide Swanand Waghode
		W	Sneha Pawar Ketaki Mulaye	Aishwarya Kasture Aishwarya patil
BADMINTON				
8	Single	M	Aditya Patale	Hrishikesh Pancharya
		W		Ketaki Mulaye
	Doubles	M	Aditya Patale RaJat Rathod	Sudip Kamble Ryshikesh Patil
		W	Mrunamayee Acharya Aishwarya Patil	Ketaki Mulaye Sneha Pawar
	Mix Doubles		Aditya Patale Ketaki Mulaye	Sudip Kamble Mrunamayee Acharya
9	Chess	M	Tanveer Gute	Javed Khan
		W	Piyusha Kulkarni	Sanika Mali
CARROM				
10	Single	M	Kunal Ketkar	Rahul Pawar
		W	Pooja Shinde	SujataAwale
	Doubles	M	Mohit Thakur Vicky Jaware	Rushikesh Khillare Digvijay Kumbhar

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		W	Kalyani Koli Manali Jajoo	Dipti Patil Aishwarya patil
11	ATHLETICS			
	100 m.	M	Tushar Jadhav	Rohitjadhav
		W	Sonal Sangade	Dipti patil
	200 m.	M	T Tushar Jadhav	Chandrakant Gangurde.
		W	SonalSangade	Dipti patil
	400m.	M	KalandarMujawar	Chandrakant Gangurde
		W	Sonal Sangade	Jyoti Waghmare
	800m.	M	Vishal Gaikwad	RohitJadhav
		W	Jyoti Waghmare	Pratiksha Bhosale
	Shot put	M	Tushar Jadhav	Shekhar Masal
		W	JyotiWaghmare	Prajkta Nalawde
	Marathon	M	Vishal Gaikwad	Sachin Ghodake
		W	Jyoti Waghmare	Dipti patil
	Javelin Throw	M	Vishal Gaikwad	YogeshbShelke.
		W	PraJkta Nalwade.	JyotiWaghmare.
	4X100 m.	M	Mech. Dept.	Electrical Dept.
		W	Entc. Dept.	Mech. Dept.
Long Jump	M	Ranjit Balekhar	TusharJadhav	
	W	Jyoti Waghmare	Pratiksha Bhosale	
Discuss throw	M	Onkar Yadav	Nikhil Sawant	
	W	Prajkta Nalawde	Jyoti Waghmare	
Tripple Jump	M	Chandrakant Ganghude.	TusharJ adhav	
	W	Jyoti Waghmare	Pratiksha Bhosale	

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Youth Festival - 2019

National Youth Festival is a programme organised by the Ministry of Youth Affairs & Sports in collaboration with the State Governments on various themes. Every year Kolhapur University Organises Youth Festival, Cultural Events competition, at 2 levels – District Level and Central Level. It organises a total of 32 events and has participants from over 300 colleges from all over

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Maharashtra. Students from Music Club participated in all 5 available musical events (2 at district level and 3 at central level) as per following:

Category	Sr.No.	Event	Participants	Participant	Level
MUSIC	1	Classical Solo	1	Kedar Sohani	Central
	2	Group Song	7	Kedar Sohani, Suraj Tamboli, Satyen Sutar, Anjali Mane, Gayatri Shinde, Vaishnavi Fartode, Aniruddha Gaikwad (Tabla)	District
	3	Western Solo	1	Anjali Mane	Central
	4	Sugam Solo	1	Piyusha Kulkarni	District
	5	Western Instrumental Solo	1	Piyusha Kulkarni	District
Total	5		11		

At district level, Sugam Singing Performance achieved 2nd rank and was promoted to Central Level Youth Festival.

At central level, we had participation in 3 events out of which we secured **4th rank** in 1 event: Classical solo singing – Fourth Rank.

The overall experience of the youth festival was very bright and enthusiastic. Looking at the competition we were motivated to perform even better than we had planned for. It was a great chance to compete with such talented individuals from all over the state.

We are now encouraged to practice more and perform even better and would also encourage our friends to show their talents and have participation in more events in the next youth festival.

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DISTRICT LEVEL



Image 5: Youth District Level Team From GCEK



Image 6: Indian Group Song



Image 7: Musical Team



Image 8: Light Vocal Performance



Image 9: Western Solo Singing

Image 10: Classical Solo Singing



Image 11: Western Solo Instrumental

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➤ YOUTH FESTIVAL – 2019

District Level Youth Festival – 2019

WINNERS

Sr. No.	Event Name	Student Name	Rank
1	English Elocution	Megha Prasannan	2
1	Light Vocal	Piyusha Kulkarni	2
3	Skit	Krunal Jambhale Madhura Jadhav Aniket Mali Pradip Kakde Aditi Kapse	2

Central Level Youth Festival – 2019

WINNERS

Sr. No.	Event Name	Student Name	Rank
1	Spot Photography	Animish Gorad	2
1	English Elocution	Megha Prasannan	3
3	Classical Vocal	Kedar Sohani	4
4	Clay Modeling	Kunal Moharkar	4

Music Club Workshop

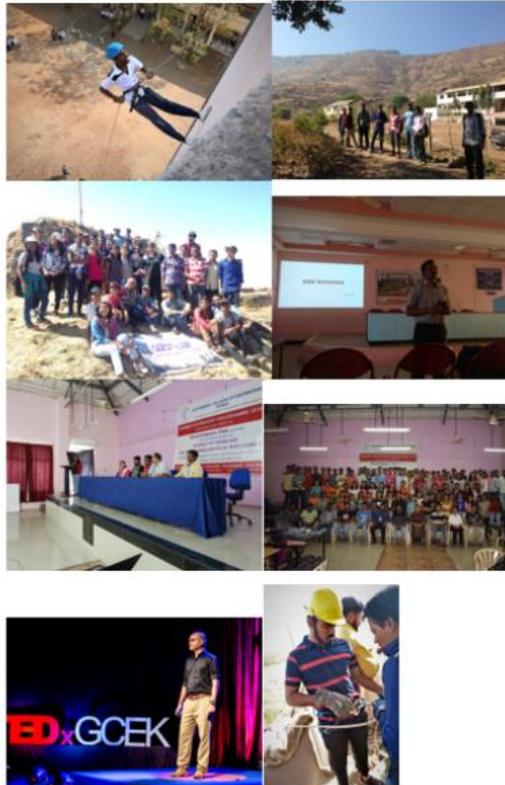
Organised a musical workshop on “Voice Culture and Light Vocals” by talented and versatile singer Mr. Vaibhav Potdar. This workshop was aimed to improve the students’ mindset when approaching a song and to educate them about the various techniques to improve their voice quality



Image 12: Voice Culture and Light Vocals Music Workshop



Image 13: Student attendance for the Music Workshop





Pictures of Cultural Activities

Disaster Management Activity:

In July 2019 due to flood and heavy rain in Western Maharashtra collector of Sangli and Directorate of Technical Education Mumbai appointed GCE Karad for disaster management a specifically for technical support. Team of UG and PG 100+ students and 10+ Faculty members did damage assessment survey of flood affected houses in Palus Taluka. Survey of tentatively 50+ villages and 15000+ houses have been carried out and exhaustive report is submitted to collectorate of Sangli and appropriate action was initiated. for this activity collector office and DTE Mumbai was appreciated activity of the institute.

Impact Analysis and Action Taken:

The all round development or holistic development of an individual is only possible through balanced development of scholastic or academic as well as non –scholastic or non-academic aspects in the formal, in-formal and non-formal educational setting in the society. Insitute plans different activitites which comprises curricular, extracurricular as well as co curricular educative experiences which provides inside as well as outside the classroom. these activities provides

opportunities of self – expression and participation which include various important traits in learner. Psychologically these activities are considered essential because they provide outlets for the flow of the surplus energies of the students. Such activities have increased different skill sets of the students and enhanced placement and employability of the students. This has leads to increase in the attainment levels of POs and PSOs for fullfilling the outcome based education in the institute.

8.6 NSS / Unnat Bharat Abhiyan

National Service Scheme (NSS Unit)

National Service Scheme (NSS) has been playing a vital role in enriching the souls and minds of the students of the college since long time. The overall objective of this scheme is ‘Education and Service’ to the community and by the community. It is a programme for students to cater to the needs of the community, as and when required. It will also help the students to communicate with the society. The students joining this scheme develop many behavioural interactive skills. They visit the rural areas as NSS volunteers during the camps organized by the concerned colleges. The NSS volunteers take initiative in developing a Technocratic Environment and also help the underprivileged people to develop themselves. The scheme promotes the ability to present them in a better way. Thus the ultimate goal of the scheme is to strive to inculcate the bond of patriotism, national integration, brotherhood, communal harmony among these volunteers. Following are the activities done under NSS unit in academic year 2018 – 19

Sr.No.	Name of Activity	Organized	Date	Duration
1	Tree plantation	Campus, GCEK.	08/07/2018	4
2	Blood donation camp	PG Hall, GCEK	15/07/2018	4
3	Cleaning campaigning week	Campus, GCEK	06/09/2019 to 12/09/2018	10
4	NSS Day celebration	PG Hall, GCEK	24/09/2018	2
5	Awareness about	Auditorium,	27/09/2018	2

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	voter registration	GCEK		
6	Celebration of birth anniversary of mahatma Gandhi	Campus, GCEK	02/10/2018	3
7	Visit to orphanage	Jijau orphanage, kole.	13/10/2018	8
8	Plastic free campus	Campus, GCEK.	18/10/2018	3
9	Swachh Bharat Abhiyan	Goware	20/10/2018	3
10	Poster competition on thoughts of mahatma Gandhi	PG Hall, GCEK.	20/10/2018	3
11	Say no to crackers	Goware.	24/10/2018	3
12	Yoga camp	OT,GCEK.	15/01/2019 to 17/01/2019	6
13	Swachh Bharat Abhiyan	Priti Sangam Ghat, karad.	22/01/2019	3
14	Celebration of National voter day	PG Hall, GCEK.	25/01/2019	3
15	Blood donation camp	PG Hall, GCEK.	26/01/2019	4
16	Demonstration of voting machine	PG Hall, GCEK.	15/03/2019	4

Annual Cultural Day: Every year two days program is conducted in month of February in institute. Students shows their cultural talent, in various cultural activities namely *Kavya samelan, Abhirup Nayalay, Anatakshairi, Group Dance, Solo Dance, Solo Singing, Duet singing, and mimicry.* Most of the students take part in different activities and

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enjoy the program. Here they learn working with team, they understand Indian culture, ethical values, importance of communication and lifelong learning.

Cultural activity: Cultural activities are conducted throughout the year. In first semester students take part in Youth festival conducted by Shivaji university and consistently our students are bagging prizes in different activities. Also, the club named SPEAK MACY arranges various traditional cultural programs of different states to make students aware variety of Indian culture. Institute have developed music instrument playing students team, it assists in every cultural program conducted in the institute. Various national days such as Independence Day, republic day, Gandhi Jayanti, Science Day, Engineer's Day, Women's day, Teachers day are observed in institute. Annual college day activity is conducted every year to show the cultural talents of students. Here they understand diversity of Indian culture, leadership, importance of communication and lifelong learning.

Aavishkar: GCE Karad organizes AAVISHKAR as technical event every year. Various activities are organized such as technical events (department level), project exhibitions, paper presentations, motivating lectures by renowned personalities etc. This activity specifically organized to enhance various skills of the students such as technical presentation, experimental skills, leadership, working in team etc.

Purushottam Karandak: A national level elocution competition is conducted by our institute in the month of February every year. Engineering students from every corner of country participate in the competition enthusiastically. Students are felicitated with momento and cash prizes. Here students learn to how to organize events at national level. Also, they learn to work in team collaboratively, understand ethical values, improve communications and nurture innate talents.

Ladies activity: To promote ladies from our campus, various activities are conducted such as Sand activity, Bangle Making activity, Ear-rings making, Nail-art, Guest lecture, self-defence, Zumba activities, Dandiya. GCE Karad girls and ladies staff members take part and improve their different versatile skills such as ethics, communication skills, lifelong learning, environmental sustainability etc.

Report of UBA activities undertaken by Institute

In year 2013 and 2015 an innovative type of Bandhara was constructed using tires at Gharewadi and Vasantgad respectively. All the benefits of concrete Bandhara are served by this Tire Type Bandhara which includes overtopping, waterproofing through body of Bandhara, etc. The cost of construction of Tire Type Bandhara is about 18-20 % the cost of concrete bandhara of same dimensions.

On the 21st day of July 2017, presentation was held at AICTE Delhi by Prof. Umesh L. Deshpande, Chief Coordinator Unnat Bharat Abhiyan cell GCE, Karad, over innovative "**Tyre Type Bandhara**". After this presentation AICTE and IIT Delhi appreciated our work and gave us an opportunity to serve rural India under Unnat Bharat Abhiyan.

For cluster 5 villages under Unnat Bharat Abhiyan to GCEK are as follows:

Name Of Villages	PG Scholar doing Dissertation
1. Nidhal Tal. Khatav	Mr. Shivraj L. Karape
2. Bidal Tal. Man	Mr. Onkar R. Misal
3. Dhamner Tal. Koregaon	Mr. Mohdyasar F. Patel
4. Jambhali Tal. Wai	Ms. Smita M. Katkar
5. Mazgaon Tal. Satara	Mr. MohammadIliyas B. Bagwan

Also, village Kondhve from Satara Tahasil is adopted under Sansad Adarsh Gram Yogana (SAGY).

MoU between IIT Delhi and GCEK



27.3.18
3:10

उन्नत भारत अभियान
ग्रामीण विकास एवं प्रौद्योगिकी केंद्र
भारतीय प्रौद्योगिकी संस्थान, दिल्ली
हौजखास, नयी दिल्ली - 110016
UNNAT BHARAT ABHIYAN
CENTRE FOR RURAL DEVELOPMENT AND TECHNOLOGY
INDIAN INSTITUTE OF TECHNOLOGY, DELHI
Hauz Khas, New Delhi - 110016
Website: <http://unnat.iitd.ac.in>



Prof. Virendra K. Vijay
Coordinator, UBA
IREDA Chair Professor & Head, CRDT

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Fax : +91-11-2659 1121
Email: unnatbharatabhiyaniitd@gmail.com
vkvijay@rdat.iitd.ac.in

Dated: 14th March, 2018

To,
The Principal
Government College of Engineering Karad
Vidyanagar, Karad, Dist-Satara
Maharashtra-415124

Signing of MoUs between IIT Delhi as the Coordinating Institute (CI) and other Participating Institutes (PIs) under Unnat Bharat Abhiyan (UBA).

Dear Sir,

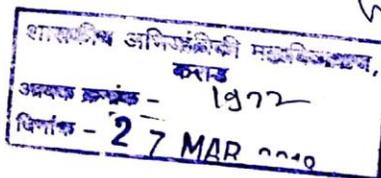
Unnat Bharat Abhiyan is a flagship programme of Ministry of Human Resource Development (MHRD), Govt. of India. IIT Delhi is the National Coordinating Institute (CI). A large number of Higher Educational Institutes in the country are involved in the programme as Participating Institutes (PIs). We are glad that you have agreed to be one of the Participating Institutes (PIs). You have already selected a cluster of villages in consultation with the District authorities and also completed the signing of MoU from your side under UBA program. MoUs between CI & PIs have been signed by Dean, IRD IIT Delhi on behalf of IIT Delhi. A copy of your original MoU, along with corrigendum sheets duly signed from IIT Delhi side are enclosed herewith.

The amount sanctioned by the ministry per cluster for an institution was Rs.3.5 lakh during the financial year 2016-2017. The arrangement has been extended for the year 2017-18. We have already released Rs. 1.75 lakh as the first instalment to you. The funds are meant to be utilised mainly to visit the cluster and formulation of project/ Gram Panchayat Development Plan.

We have also already mailed to you, your institute login credentials for uploading survey data on UBA website under the section 'Reporting Portal'. You are requested to complete the village/ household survey and upload the data on UBA website. You may after that submission to login to the reporting portal of the website to view/download analysis report of your data. Please follow it up with Participatory Rural Appraisal exercise (PRA) and preparation of Village Development Plan. You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your monthly activities so that the same could be reported by IIT Delhi to MHRD.

Looking forward for close cooperation & progress of work under UBA. Kindly acknowledge receipt of original signed MoU.

Prof. Deshpande



With regards,

Your Sincerely

Prof. Virendra K Vijay
National Coordinator,
Unnat Bharat Abhiyan

1. 1st July 2017, DPC Office Satara:-

Introduction of UBA to Mr. B. J. Jagdale (DPC, Satara) was given by Prof. U. L. Deshpande and discussed over how UBA actually works and what will be our contribution to it and presented previous works carried out by GCE, Karad and scope of work under UBA.

2. 11th August 2017 (Govt. college of Engineering, Karad):

Meeting with Mr. B. J. Jagdale (DPC, Satara) and Sarpanch of respective villages, in presence of Principal Dr. A.T. Pise, Dr. Y. M. Ghugal (HOD Applied Mech dept) was scheduled. Discussion over how UBA actually works and what will be our contribution to it. Presentation about previous works carried out by GCE, Karad and also scope of works under UBA in front of members of dais and had discussion over problems and needs of villages.

3. Visit to Jambhali village Tal. Wai (20th August 2017):

Visit to Jambhali village to know the present village condition and to find out the problems faced by gram-panchayat of Jambhalivillage, Tal. Wai



Finding out the limitation and discussion with villagers about existing water distribution system

Problems found out after visiting the village:

- **Water Supply System -**

Village have problem maintenance and repair of gravity water pipeline system as the pipeline goes through the forest area and due to this upper region of the village like *Paratvasti, Kolivasti* and *Dhangar vasti* has water scarcity problem.

- **K.T. Weir-**

Village has K. T. Weir but it is in complete. Gates are not provided. K.T. Weir is in good condition and also slots for installation of gates have been provided.

- **Solar System**

We can use solar system for street light. We can use solar system for water pumping and reduce electricity of the village. For some houses, where in day time no proper sun light, we can use water bottles with purified water and give light in day time without electricity.

3. Visit to Dhamner, Tal. Koregaon (23rd August 2017):

Visit to Dhamner village to know the present village condition and to find out the problems faced by gram-panchayat of Dhamner village, Tal. Koregaon



Site visit of detention pond with Villagers of Dhamner @ Dhamner Tal. Koregaon

Problems found out after visiting the village:

- **Detention Pond:** - In Dhamner village, there exists a detention pond. It consists of three different compartments from which water passes from one compartment to other. The bed of detention pond is made from crushed bricks, sand and rocks.
- **Gabion Wall:** - Dhamner village has river on two of its side. Due to curvy nature of river, there is erosion of the bank of river. To solve this problem, construction of gabion wall can be undertaken so that erosion can be reduced.
- **Solar Pump:** - The village Dhamner receives water from the well which is located at about 1.5 km away from the village. It has two pumps of 5Hp and 7.5 Hp.

4. Visit to Bidal, Tal. Man (27th August 2017)

Visit to Bidal village to know the present village condition and to find out the present problems.

Problems found out after visiting the village:

- To give the holistic solution for potable and non-potable water problem in Bidal.
- To study the feasibility of wetland system & Solid waste management for Bidal village.
- Finding out the feasibility for solar system.



Presenting in-front of the Gramsabha of Bidal Village

5. Visit to Nidhal, Tal.- Khatav (2nd September 2017).

Visit to Nidhal village to know the present village condition and to find out the problems faced by gram-panchayat of Nidhal village, Tal. Khatav.



Discussion about Socio-Economical and Technical Survey With Hon. Mr. Chandrakant Dalvi,

- **Socio Economic Survey:** We had discussion of about socio-economical survey with Hon. Mr. Chandrakant Dalvi (Commissioner Pune Region), Mr. Kapase, Mrs. Sunita Shinde, Mr. Ashok Khuspe.
- **Solid Waste Management:** Gram Panchayat collects solid waste from houses by using a vehicle. The collected solid waste is not further segregated. This un-segregated solid waste is directly dumped to dumping area.
- **Sewage waste:** The generated sewage waste from village is directly drained to leaning in 2 different places. Due to this the leaning water is contaminated so that there is need of treatment of sewage water before disposal

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- **TPA and leakage of cement Bandhara:** In Nidhal village there are 48 Bandharas in working. From those three Bandharas are having leakage problem. Due to these leakages the water is drained off.
- **Solar pump and solar street lights:** By using solar system for water pumping, we can reduce MSEB electricity bill of village. For some houses, there is no proper light available during day time. Hence, they use electricity for light during day.
- **Gabion wall site survey:** As per demand of dhamre villagers for gabion wall on Krishna river. Pg student Mr. Patel Yasar (working for Dhamre village) met Mr. Pandhare to know about what parameters are taken in to account for gabion wall and to know design for of it. Mr. Pandhare has constructed a gabion wall in Karad river bank.

6. 7th September 2017, Solid waste plant, Malkapur, karad:

After initial visits to respective villages, we noticed that there is problem of disposal of waste in some of villages. We pg students visited solid waste management plant in Malkapur, Karad district. To see how they are composting solid waste of Malkapur city by using mechanical composter.

7. 10th September 2017:

PG student Miss Smita Katkar went Jambhali village, Tal.- Wai for collecting water sample. Then the water was tested in Government College of Engineering, Karad.

8. 29th September and 15th October 2017 Rajgad Bungalow Pune:-

Meeting with Hon. Mr. Chandrakant Dalavi (Commissioner Pune Region) at Rajgad Bungalow, council hall, Pune regarding Socio-economical form development. Total 3 meetings form is finalised.

➤ Targeted problems which are faced by Villagers:

Sr. No.	Name of Village	Thrust Areas	Progress of work
1	Jambhali	Socio economical Survey	Completed
		KT weir Gates installation	Manufacturing of Gates in progress
		Huge amount of electricity bills	Design of Solar Systems is ready, awaited for funds.
2	Dhamner	Socio economical Survey	Completed
		Gabion wall construction	Design and estimation are ready
		Huge amount of electricity bills	Solar Systems design is ready, awaited for funds.

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3	Bidal	Socio economical Survey	Completed
		Huge amount of electricity bills	Solar Systems design is ready, awaited for funds.
		Solid Waste Management	Windrow and vermin-composting design are ready. Estimation work is in progress.
4	Nidhal	Socio economical Survey	Completed
		Solid Waste Management	Windrow and vermi composting design are ready. Estimation works are in progress.
		Huge amount of electricity bills	Design of Solar Systems is ready, awaited for funds.
5	Kondave	Solid Waste Management	Windrow and vermi composting design are ready. Estimation works are in progress.
		Huge amount of electricity bills	Design of Solar Systems is ready, awaited for funds.
		Socio economical Survey	Planned in January last week

9. INDUSTRY INSTITUTE INTERACTION

To Enhance Placement Activities

1. Industry Expert Board Meetings
2. Industry Expert Lectures
3. Internship
4. Industrial Visits
5. Employability Test
6. Skill workshops for students

Brief information about each activity is as follow:

a) Industry Expert Board Meetings

This is unique institute to form Industry Institute board to enhance Interaction. There are minimum 5 industry members who are having more than 20+ year of experience from industry of repute. The Board advises department about internship, curriculum, visits, expertise availability etc. It is suggested to increase the number of advisors on Board to 10 to enhance Industry Institute Interaction. All departments are advised to conduct a meeting within next 2 months.

This IEB meeting have helped us in arranging expert sessions, assisting in internship to students, allowing students for industrial visit.

b) Industry Expert Lectures

Experts from Industry are called to give field experience to students. This year also many industry persons showed keen interest and shared their experiences with students giving updates about current practices in industry.

Our alumni is helping a lot for arranging expert sessions of their colleagues from company, HR Heads and persons they know well about expertise.

c) Internship -

Internship for UG in Civil Mech & Electrical was a part of curriculum. Now in autonomy we also have made it mandatory for students from E& TC and IT. They are encouraged to do internship especially in a good organization where their skill will be enhanced. In IT and ENTC

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there are few companies which allow such internship. In such cases we are hiring services from expertise for skill-based training in the campus.

d) Industrial Visits -

Industrial Visits are good measure of Industry Institute Interaction and exposure to students about field. This year also departments are arranging industrial visits to different industries including originations like ISRO. Students learn by observing good practices in industry which help them for enhancing their employability.

e) Training

Corporate training program was conducted from 13 December to 24 December 2019 11 days, where online app was demonstrated to students. Now students can do practice on aptitude test to prepare for placement drive using mobile which will save their time and they can use even in travel. Every department organizes expert lectures from industry person to understand industry requirements and industry expectations.

f) Employability Test

A test to assess employability was conducted in five days from 27 to 31 August 2018 with assistance of TEQIP III funds. Test was conducted by Aspiring Minds, a renowned agency. It reveals students technical as well as soft skill. Results will be sent by said organization to students on their mail. @1600 students gave the test and institute paid about Rs. 3.00 Lakh for the same.

After this test Career Counselling was done where students interest, SWOT analysis and Goal setting was done. From this information it can be concluded that due to change in technology and emerging artificial intelligence, students are more interested in MPSC / UPSC and Dean Students Affair should go for arranging activities to boost these aspirations of students. Also students have shown interest in higher education and start-ups.

Placement 2018-19 (as on 31 May 2019)

Sr. No.	Name of Company	Type	Package LPA	Total
1	TCS Code Vita, Pune	IT	3.6	4
2	TCS Ninja, Pune	IT	3.6	22
3	TechPrime Lab, Pune	IT	3	1

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4	Posit Source , Pune	IT	2.5	1
5	Systanic	MCA	4	5
6	Mech-Lean Technologies, Pune	IT	1.2	1
7	Prescient Technologies, Pune	IT	3	14
8	Atos Syntel, Pune	IT	5	8
9	Acty Systems, Pune	IT	2.4	1
10	Pratiti Technologies Pvt Ltd., Pune	IT	4.5	2
11	Principal Global Services, Pune	Core	6	4
12	Faurcia, Pune	Core	3.5	6
13	Jade Gobal Solution Pvt. Ltd., Pune	IT	3.5	5
14	Lodha Group, Mumbai	Core	5.1	8
15	Bizsense Solutions Pvt Ltd, Pune	IT	3.87	3
16	Fiat India Automobile Pvt. Ltd. Pune	Core	4	2
17	Sankey Solutions, Thane	IT	3	9
18	LnT Infotech, Pune	IT	3.33	4
19	Ixsight Technologies Pvt. Ltd. Pune	IT	2.4	1
20	Bobst India Pvt. Ltd, Pune	IT	2.16	2
21	Infrabeat Technologies Pvt. Ltd., Pune	IT		6
22	Wipro, Pune	IT	3.5	5
23	Kay Bouvet Engineering Ltd., Satara	Core	3	3
24	Hind rectifire, Mumbai	Core	2	0
25	Automata Systems, Mumbai	IT	4.1	1
26	Paramatrix	IT	2.4	2
27	Persistent Systems, Pune	IT	4.41	1
28	Aurus, Pune	IT	2.75	1
29	Quest Global	ENTC		1
30	Vivekanand	IT	2.4	5
31	TCS,Pune	IT	3.5	2
32	Prolific technologies pvt ltd, Pune	Core	2.5	4
33	Torrent Power, Bhiwandi	Core	3.25	4

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34	KSB	Mech	3.5	1
35	KBL	M/E	4	2
36	Structwell	Civil	3	0
37	Madhukamal	Civil	3	4
38	Amazon	IT	3	3
39	ACG Capsules	MEch	4.25	1
40	Barclay	IT	3	1
41	Syntel	IT	3	3
42	Alfa Laval	Mech	4	0
43	Finaxr	IT	3	1
44	Taxosmart	IT	4	1
				151
GATE 2019 Qualified				51
			Total	202

Internship

Internship for UG in Civil Mech & Electrical was a part of curriculum. Now in autonomy we also have made it mandatory for students from E& TC and IT. They are encouraged to do internship especially in a good organization where their skill will be enhanced. In IT and ENTC there are few companies which allow such internship. In such cases we are hiring services from expertise for skill-based training in the campus.

We are encouraging internship to all students from first to third year. Internasal is helping us in giving internship to students. About 700+ students are registered on portal for internship related program.

GCE Karad Internship Indetified Industries		
No	Branch	Industry
1	Elect	AG ELECTRO SERVICE KARAD
2	Elect	ANJALI ELECTRICALS,MUMBAI

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3	Elect	BHARAT FORGE PVT LTD SATARA ROAD
4	Elect	EMERSON CLIMATE TECHNOLOGY PVT.LTD.
5	Elect	EMU CARSHED KURLA MUMBAI
6	Elect	EMV OUTDOOR SWICH GEAR SHS,SST PVT LTD NIRJULI
7	Elect	FINOLEX INDUSTRIES, RATNAGIRI
8	Elect	GLOOMING URJA SATARA
9	Elect	HEMETIC MOTORS PVT LTD (COMPONENT DIVISION KARAD
10	Elect	KISANVEER SUGAR FACTORY BHUINJ,WAI
11	Elect	KLIXON ELECRICAL INDUSTRIES
12	Elect	LARSEN & TOUBRO LTD,MUMBAI
13	Elect	LAXMI HYDROLIC PVT LTD
14	Elect	LAXMI PUMPS PVT LTD KOLHAPUR
15	Elect	LAXMI PUMPS PVT LTD KOLHAPUR
16	Elect	M/S SAVITRA ENGG WORKS PARLI
17	Elect	M/S.MASTER STAR INDUSTRIES ,TASWADE
18	Elect	MAHATRANSCO RECEIVING STATION KARAD
19	Elect	MANSHU COMTEL PVT LTD SATARA
20	Elect	MASS TRANSFORMER KUP59WAD MIDC
21	Elect	MASTER STAR INDUSTRIES TASAVADE KARAD
22	Elect	POWER CONTROL ELECTRO SYSTEMS PVT.LTD SANGLI
23	Elect	POWER ENGINEERS KOLHAPUR
24	Elect	POWER ENGINEERS,GOKUL SHIRGOAN
25	Elect	SATHE ENGINEERING COMPANY BALE SOLAPUR
26	Elect	SHREE REFRIGERATION KARAD
27	Elect	SHRI DUDHGANGA VEDGANGA SAKHAR KARKHANA LTD KOLHAPUR
28	Elect	SONHIRA SAHAKARI SAKHAR KARKHANA
29	Elect	SUDHIR TRANSFORMER INDUSTRIES PVT LTD ISLAMPUR
30	Elect	THERMAL POWER PLANT PARLI,V
31	Elect	TRANSDELTA TRANSFORMER PVT LTD AURANGABAD
32	Elect	VIDHARBHA INDUSTRIES POWER LTD.NAGPUR
33	Civil	C.P.Bagal & Co.
34	Civil	D - CONSTRUCTIONS
35	Civil	J.P.Builders & Developers
36	Civil	Kalash Constructions
37	Civil	L&T GEOSTRUCTURE
38	Civil	Lohiya Developers
39	Civil	M/s Kokitkar Builders

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40	Civil	M/s Shivendra Construction
41	Civil	Mahimna Construction
42	Civil	MANGALMURTI CONSTRUCTION
43	Civil	MEGASTRUCT CONSULTANTS
44	Civil	Nagpur Improvement Trust (NIT)
45	Civil	Pimpri Chinchwad New Town Development Authority,Pune
46	Civil	sachin Tapase & associates
47	Civil	SAI CONSTRUCTION
48	Civil	Sharadchandra H. Bhosale & Asso.
49	Civil	SHETE CONSTRUCTIONS
50	Civil	Shree Balaji Resources
51	Civil	SHREE GANESHYA CONSULTANCY
52	Civil	SRUJAN CONSULTANCY
53	Civil	Urmodi dam Division Satara
54	Civil	VARAD CONSTRUCTION
55	Civil	Vishal Builders &Developers
56	Mech	crystal engineers
57	Mech	anant engineers and fabricators
58	Mech	Appasaheb Nalawade Gadhinglaj Sakhar Karkhana Gadhinglaj Ltd. Harli
59	Mech	ASHTA LINERS PRIVATE LIMITED, ASHTA.
60	Mech	Balaji Solar Entrprises
61	Mech	BALANCING INSTRUMENT AND EQUIPMENTS, MIRAJ
62	Mech	Central Railway Workshop,Kurduwadi
63	Mech	Chougale industries, pvt. Ltd.
64	Mech	Dow AgroSciences India Pvt. Ltd.
65	Mech	Emerson-Process Management, Virgo Valves and Controls,Pvt,Ltd.
66	Mech	Fine Spavy Associates and Engineers Pvt. Ltd.
67	Mech	Foundation Brake Manufacturing Pvt.Ltd
68	Mech	Ganesh Udyog, Sangli
69	Mech	GHATGE PATIL INDUSTRIES LTD
70	Mech	GLORIA ENGINEERING COMPANY PUNE
71	Mech	KARAD PROJECTS AND MOTOR LTD.
72	Mech	Lada Laxmi pumps pvt. Ltd.
73	Mech	Lada Laxmi pumps pvt. Ltd.
74	Mech	Laxmi pumps pvt. Ltd.
75	Mech	Mahabal MetalsPvt Ld.Plot No.23,Miraj Block MIDC,Miraj 416410,Sangli
76	Mech	Mahindra & Mahindra Ltd.

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77	Mech	Menon piston ltd, shiroli, kolhapur.
78	Mech	Niksan Agrotech pvt. Ltd
79	Mech	Precision Camshafts Ltd. Solapur
80	Mech	S.BFOUNDERS Pvt.Ltd.
81	Mech	SAIBABA ENGG. WORKS ICHALKARANJI
82	Mech	Sandvik Coromant Pvt. Ltd.
83	Mech	SHREE DUDHGANGA VEDGANGA SAKHAR KARKHANA LTD, BIDRI
84	Mech	Shree Refregeration pvt. Ltd.,Karad
85	Mech	Shree Vitthal Co-operative Sugar Factory Pandharpur
86	Mech	Shree Vitthal Co-operative Sugar Factory Pandharpur
87	Mech	Shri krupa industries.
88	Mech	Shri Shankar Sahakari Sakhar Karkhana Ltd;Sadashivnagar
89	Mech	SIDDHARTH FOUNDRY PVT.LTD.SHIROLI
90	Mech	Sujata Engineering Associates
91	Mech	Top Gear Transmissions
92	Mech	Trans-mech systems, baramati.
93	Mech	V-TECH ENGINEERING & BALANCING LTD.
94	ENTC	BSNL Solapur
95	ENTC	MAHA-TRANSCO
96	ENTC	Chanakya Logic Solutions
97	ENTC	Hem electronique
98	ENTC	ADit Technologics
99	ENTC	Bharat Electronics Limited
100	ENTC	Manugraph India Ltd.
101	ENTC	VIJETA Switchgear

Mechanical

Sr. No.	Name of the company	Address	No of students choose
1	Krishna Institute of Medical Sciences (KIMS)	NH4, Pune - Bangalore Highway, Dist.Satara, Agashivnagar, Malkapur, Maharashtra 415539	16
2	NP Motors	NH4, MALKAPUR, SATARA, Karad, Maharashtra 415110	18
3	Shree Refrigeration	Karad - Atpadi Rd, Babarmachi, Maharashtra 415124	0

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4	Vijay Engineering Works	Tasawade MIDC, Satara, Maharashtra	0
5	Siddharth Foundaries	Plot A-24, MIDC, Shirol, Maharashtra 416122	0
6	Karad Projects and Motors Limited. (KPML)	Plot B-67 & 68 MIDC Karad Industrial Area, Taswade, Karad - 415 109 Dist.- Satara. Maharashtra (India)	3
7	Larsen & Toubro Limited	A9, A10, Renukanagar, MIDC, Ahmednagar, Maharashtra 414111	1
8	Siemens	Siemens Industrial Corporation, Verna Industrial Estate, Verna, Goa 403722	1
9	FIAT India automobiles private limited	Plot No. B, 19, Ranjangaon MIDC, Industrial Area, Pune, Maharashtra 412220	1
10	Hem motors	No. A - 2/ A, Old MIDC, Pune, Bangalore Highway Flyover, Manik Nagar, Satara, Maharashtra 415004	3
11	Kirloskar Oil Engines Ltd. (KOEL)	D1, 5 Star MIDC Industrial Area, Kagal, Talandage, Maharashtra 416236	3
12	Kirloskar Brothers Limited	Kirloskarvadi, Maharashtra 416308	1
13	GE India Industrial Pvt Ltd	Chakan MIDC PHASE-II, Plot A-78/1, Wasuli, Maharashtra 410501	2
14	Emerson Climate Technologies (India) Private Limited	Atit-Pali Road, Atit, Maharashtra, Satara, Maharashtra 415519	3
15	Hindustan Copper Ltd	Plot no E-33 to E-33, MIDC Area, Taloja, Raigarh, Navi Mumbai, Maharashtra 410208	1
16	Greaves Cotton Limited	MIDC Industrial Area, Chilkalthana, Aurangabad, Maharashtra 431001	1
17	Cummins India Limited	Gandhi Bhavan Rd, Dahanukar Colony, Kothrud, Pune, Maharashtra 411038	3
18	Crompton Greaves Ltd	MIDC, Ahmednagar, Maharashtra 414111	2
19	Kalyani Technoforge	Industry House, Opp. KCSSL, Mundhwa, Pune, Maharashtra 411036	1
20	Hikal Ltd	Ghotkamp Koyana Vele, Taloja, Navi Mumbai, Maharashtra 410208	1
21	A A Energy Limited	101, Nikalas Tower, Central Bazar Road, Nagpur, Maharashtra 440010	1

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22	Orient Tools	MIDC, Plot No. 138, S-Block, Anandrao Lande Rd, Indrayani Nagar, Bhosari, Pimpri-Chinchwad, Maharashtra 411026	1
23	Ratna Gears Pvt.Ltd.	95 & 108, Swami Vivekanand Ind. Estate, Handewadi Road, Hadapsar, Pune.	2
24	Automotive Research Association of India	Survey No.102, Paud Road, Rambaug Colony, Kothrud, Pune, Maharashtra 411038	1
25	Hindustan Aeronautics Limited	Ozar Township, Nashik Division, Maharashtra.	1
26	Jain Irrigation Systems Ltd.	NH No.6 Bambhori, Jalgaon, Maharashtra.	1
27	Western Coalfield Limited	Mahakali Ground, Rayatwari Colliery, Chandrapur, Maharashtra 442402	1
28	Carraro Technologies India PVT LTD	Giga Space, Giga Space IT Park Internal Rd, Sakore Nagar, Viman Nagar, Pune, Maharashtra 411014	1
29	Jadhao Gears Pvt Ltd	MIDC Amravati, Amravati	2
30	EATON Corporation	MIDC Ambad, Nashik	1
31	Manas Agro Industries & Infrastructure Ltd	Jamni, Wardha	1
32	Menon Pistons Ltd	Shiroli MIDC, Kolhapur	1
33	Lada Foundry	Plot No. D-173, Kagal - Hatkanangale Five Star Industrial Area, Kolhapur, Maharashtra 416216	4
34	TUV India Pvt Ltd	801, Raheja Plaza, LBS Rd, Ghatkopar West, Maharashtra 400086	1
35	KSB Pumps Limited	MIDC, D-II, Chinchwad, Pimpri-Chinchwad, Maharashtra 411019	1
36	JSW Steel Coated Product Pvt Ltd	A-10/1, MIDC Industrial Area, SH265, Kalameshwar, Maharashtra 441501	1
37	Dresser Rand India Private Limited	Plot No:187, Gidc Estate, Naroda, Ahmedabad, Gujarat 382330	1
38	Technovision Engineers Pvt. Ltd	412114., Gat No. 1559-1560, Dehu Alandi Road, Shelarvasti, Chikhali, Pune, Maharashtra 412114	2
39	Accumax Products	Koyana Vasahat, Malkapur, Madras Bombay Trunk Rd, Malkapur, Maharashtra 415110	6
40	Nashik Thermal Power Station	Eklahare, Nashik, Maharashtra 422105	1

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41	Parli Thermal Power Station	Vaijanath, Parli, Maharashtra 431520	1
42	Chandrapur Super Thermal Power Station	Durgapur, Chandrapur, Maharashtra 442402	1
43	Spaco Corporation	Plot No. J 86 and J 87, Midc Kupwad Rd, Sangli Miraj Kupwad, Maharashtra 416416	1
44	Devgiri Forgings Pvt Ltd	Gut No 64, 14th Km Stone, Pune Road, Waluj MIDC, Aurangabad, Maharashtra.	1
45	Suyesh Iron & Steel Pvt. LTD	C 62, MIDC, Miraj, Maharashtra 416410	1
46	Mubea Automotive Parts	N-1072, Pirangut, Pune	1
47	Nilesh Engineering Works	Wadakinala, Wadki, Maharashtra 412308	1
48	Sagar Engineering Works	PLOT NO-5,, MIDC Area, Kudal, Maharashtra 416528	1
49	Fine Spray Associates	Miraj MIDC, Sangli	1
50	Rohit Industries	MIDC Shirol, Kolhapur	1
51	Kasturi Foundry Pvt Ltd	Ashta, Sangli	1
52	S.P.Industries	MIDC Gokal Shirgaon, Kolhapur	1
53	Integrated Energy Engineering	Five Star MIDC, Kagal	1
54	Crystal Industry	Shantinagar, MIDC bhosari, Pune	1
55	Marigold Enterprise	Aurangabad	2
56	Precision Camshafts Limited	E 102/3, Akkalkot Rd, MIDC, Solapur, Maharashtra 413006	2
57	Riddhi Casting Pvt Ltd	Hatkanangle, Kolhapur	1
58	Tanmay Industries	MIDC, Hingna, Nagpur	1
59	Sai Engineering Works	Ogalewadi, Karad	1
60	Satyam Petrochemical	120/A, Wanyanchiwadi, Masur, Karad	1
61	S.T. Workshop, Pune	Shankar Sheth Rd, Gultekdi, Pune, Maharashtra 411037	0
62	S.T. Workshop, Aurangabad	Samarth Nagar, Aurangabad, Maharashtra 431001	0
63	M.P.Engineers	Jaisingpur, Dist- Kolhapur	2
64	Kolhapur District Milk Producer Union Ltd.	MIDC Gokul Shirgaon, Kolhapur	1
65	Ninaidevi Sugar Mill (Dalmia Group)	Karungali Aarala, Shirala Taluka, Dist- Sangli, Maharashtra-415405	2

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66	Apex Engineers	Plot No.28, Industrial Estate, Ogalewadi, MSEB Rd, Karad.	2
67	Rocket Engineering Corporation Private Limited	D - 19, M.I.D.C., Shirol, Kolhapur.	4
		TOTAL	125

9.2 Training

In addition to regular classes, TPO conducts different programs for Personality Development, communication skill and professional skill development. For aptitude test training we conducted training of Globarena from 18 June to 27th June 2017. Additionally, online subscription for aptitude test was provided to students. Online performance was monitored and a student with at least 70 hours of aptitude practice was allowed for placement. This improved their aptitude ability and made them aware about requirement of skills they need for a quality job. All staff coordinators and TPO staff were engaged for the corporate training. Hostel facility was also made early available to students as college admissions were yet to happen before training. Every department organized expert lectures from industry person to understand industry requirements and industry expectations.

1972 batch alumni conducted one-day workshop for Final Year students “Inspire 2016” where about 7 experts with 40+ experiences from industry conducted sessions on different engineering issues and product development.

Civil

Sr. no	Name of Faculty	Date	Particulars	Dept.	Venue
01	Prof. A.A.Bhondwe	16/7/18 to 20/7/18	Remote sensing for geological application	Civil	ISRO, NRSC, Hydrabad

Electrical

Year	Training Institute Name	Programme
2018 -19	Gate Forum Hyderabad	Third Year and Final Year B.Tech Electrical

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		Engineering
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9.3 Memorandum of Understanding

Following MoUs are signed in academic year 2018 -19

1. MOU with INDO German Tool Room,Aurangabad(IGTRA)
2. MOU with Veermata Jijabai Technological Institute, Mumbai (VJTI)
3. MOU with Globarena Technologies Private Limited
4. MOU with Walchand College of Engineering Sangli
5. MOU with College of Engineering Pune(COEP)
6. MOU with GE Gride Solution
7. MOU with Globarena

9.4 Testing and Consultancy Projects

Civil

Sr. no.	Stream	Client Name	Amount
01	Environmental Engineering	Nagar Parishad Karad	21,36,817
02	Geotechnical Engineering	N.A.	8,16,263
03	Transportation Engineering	Nagar Parishad Mangalveda, Solapur, testing and consultancy of 4 villages	1,00,320
04	Geology	N.A.	6,33,135

APPLIED MECHANICS DEPARTMENT

Sr. No.	Name of Company	Total Rs.
1	Balvikas prakalp adhikari	1062
2	Pravinkumar Jadhav	354

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3	Desai Datratay Hanmantrao	1770
4	Desai Datratay Hanmantrao	9676
5	Jayhind Road Builders	2950
6	Gurukrupa Builders & Developers	354
7	M/S. S.N.Naik	2360
8	Assistant Engineer Grade-01	2419
9	Harsh Construction	708
10	Dimension Construction	354
11	Dimension Construction	354
12	Sadguru Ghadge Maharaj,College	1416
13	Chief Executive, Jat Nagarparishad	11800
14	Laxmi Construction	354
15	Aarya Infrastructure	354
16	Desai Datratay Hanmantrao	354
17	Desai Datratay Hanmantrao	12095
18	Desai Datratay Hanmantrao	2360
19	Desai Datratay Hanmantrao	354
20	Desai Datratay Hanmantrao	354
21	Uday D.Jadhav	354
22	Aarya Infrastructure	354
23	Aarya Infrastructure	354
24	Dimension Construction	354
25	Pravinkumar Jadhav	354
26	Gurukrupa Builders & Developers	354
27	Sub Divisional Engineers,Karad	7080
28	Desai Datratay Hanmantrao	1770
29	Aarya Infrastructure	354
30	Aarya Infrastructure	354
31	Pravinkumar Jadhav	354
32	Bhima Shankar maur	708
33	S.S.Ingawale	2478
34	Sub Divisional Engineers,Kolkewadi alore	708
35	Yelale traders & fabrications	1180
36	Ircon International Ltd.	17700
37	Ircon International Ltd.	11800
38	Swati Decoraters	1180
39	Pravinkumar Jadhav	354
40	S.S.Ingawale	3540
41	S.S.Ingawale	3540
42	Padmavati Constructions	2832
43	Padmavati Constructions	708
44	Padmavati Constructions	354

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45	Sub Divisional Engineers,Kolkewadi alore	1416
46	Jayhind Road Builders	2950
47	Jaywant Sugar Pvt.Ltd.	10620
48	Fortress Infrastructures	354
49	Aarya Infrastructure	354
50	Adhiraj Builders & Developers	354
51	S.S.Ingawale	1770
52	Sai Contractors	354
53	Gurukrupa Builders & Developers	354
54	Npcc, Karad	2832
55	Sub Divisional, Laghu sinchan	3186
56	Raj Nakshtra	354
57	Aarya Infrastructure	354
58	Harsh Construction	1416
59	Chief Executive, Karad Nagarparishad	16343
60	Sai Contractors	11800
61	Sai Contractors	11800
62	P.R.Thorat Construction	4425
63	Aarya Infrastructure	354
64	S.S.construction	708
65	Aarya Infrastructure	354
66	Sai Contractors	354
67	Shriraj Construction	4484
68	Shriraj Construction	2360
69	Shriraj Construction	4130
70	V.A.Tambe Associates	3540
71	Pravinkumar Jadhav	354
72	Pravinkumar Jadhav	354
73	S.S.Ingawale	708
74	Aarya Infrastructure	354
75	Aarya Infrastructure	354
76	Aarya Infrastructure	354
77	vishalkumar patil	354
78	Shriraj Construction	4484
79	Shriraj Construction	2360
80	Shriraj Construction	2360
81	Shriraj Construction	4130
82	Shriraj Construction	354
83	Shriraj Construction	4484
84	Shriraj Construction	4130
85	Gurukrupa Builders & Developers	354
86	S.S.construction	1416
	Total	225144

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Mechanical

Sr. No.	Name of Depositer	Testing/ Inspection	Date of Deposite	Invoic e No.	Amount	GS T	Tot al	Faculty In-charge
1	Shubham Computers Masur	Milking Machine	13-04-2018	15	3000	540	3540	Prof. N. V. Sali
2	Shrikrushna Fabrication Nerle	Chaffcutter	24-08-2018	180	3000	540	3540	Prof. S. H. Patil
3	Veternary Hospital Kadegaon	Fridge Write Off	26-10-2018	295	1000	180	1180	Prof. G. S. Dhende
4	D. S. Engineering Pune	GYM equipment's	27-04-2018	390	3000	540	3540	Dr. S. P. Deshmukh
5	Omkar Engineering Karve	Chaffcutter	28-12-2018	391	3000	540	3540	Dr. S. P. Deshmukh
6	Sumit Sports Pune	GYM equipment's	31-12-2018	405	3000	540	3540	Prof. D. V. Ghadge
7	Dipesh Fabricatorss	GYM equipment's	31-12-2018	406	3000	540	3540	Prof. D. V. Ghadge
8	Spavy Fitness Pune	GYM equipment's	31-12-2018	407	3000	540	3540	Prof. D. V. Ghadge
9	Beacon Industries Satara	GYM equipment's	01-01-2019	408	3000	540	3540	Prof. D. V. Ghadge
10	Zenith Sports Wai	GYM equipment's	08-01-2019	418	3000	540	3540	Prof. D. V. Ghadge
11	Shivraj Steels Mohire	Chaffcutter	23-01-2019	446	3051	549	3600	Prof. S. H. Patil
12	Rohan TKIET Students	Pyronometer	24-01-2019	452	1500	270	1770	Prof. K. S. Gharge
13	Nagarparishad Rahimatpur	Auto Tipper	16-02-2019	502	12887	2320	15207	Prof. N. V. Sali/ Prof. K. S. Gharge
14	Beacon Industries Satara	GYM equipment's	05-03-2019	537	3000	540	3540	Prof. D. V. Ghadge
15	Summit Sports Pune	Badminton Flooring	07-03-2019	548	3000	540	3540	Prof. D. V. Ghadge
16	Omkar Salokhe (KBP)	Inspection of 3 D Printer component	26-12-2018	384	5000	900	5900	Prof. M. H. Yadav
17	Pragati Jagdale (RIT)	Work on EDM	15-03-2019	570	5000	900	5900	Prof. M. H. Yadav
18	Shravan Veer (YTC)	Hardness and Material Composition	16-03-2019	577	2000	360	2360	Prof. M. H. Yadav

Electrical

Consultancy Type	Consultancy Title	Client Name
Industrial	Milking Machine Performance testing	Industrial
Consultancy	Kadegaon Nagar panchayat	Kadegaon Nagar panchayat

10. ENVIRONMENT MANAGEMENT

10.1 Activities

Environment Management Plan for 2017-18

1. Drinking water Quality and supply.(proposed)
2. Waste water treatment Aeration.
3. Solid waste treatment (Biogas plant)
4. CVAT(Solar Panels and Wind Energy Data Collection)
5. E waste management by putting dust bins at some points in the college.
6. Laboratory and fire safety by fire extinguishers.
7. Assessment of illumination labels.
8. Energy Audit in laboratory.
9. Development landscaping of the campus.
10. Sign posts for plantation and water conservation.
11. Ramps and Barrier free access and lifts for the campus.