



**Shri Shivaji Education Society, Amravati's**



# **College of Engineering and Technology, Akola**

**Mandatory Disclosure 2023-24**



## 1. Name of the Institution

College of Engineering & Technology, Akola  
Address : At – Babhulgaon (Jh.), N.H.No.6, Murtizapur  
Road,Akola – 444 104.  
Telephone No. (0724) 2259024, 7387523332  
E-mail: [principalcoeta@gmail.com](mailto:principalcoeta@gmail.com).

## 2. Name and address of the Trust/ Society/ Company and the Trustees

Shri Shivaji Education Society,  
Amravati.Shivaji Nagar,  
Amravati.  
Phone (0724) 2662146, 2661747  
E-mail: [secretary@ssesa.org](mailto:secretary@ssesa.org)

### Executive Council

Sr. No.	Name	Designation	Mobile No.	E-mail
1	Shri Harshvardhan Pratapsinh Deshmukh	President	9422838805	<a href="mailto:president@ssesa.org">president@ssesa.org</a>
2	Adv. Gajananrao Kesharao Pundkar	Vice President	9422149059	<a href="mailto:vp1@ssesa.org">vp1@ssesa.org</a>
3	Adv. Jaywant Alias Bhaiyasaheb Vinayakrao Patil (Pusdekar)	Vice President	9420563461	<a href="mailto:vp2@ssesa.org">vp2@ssesa.org</a>
4	Shri. Kesharao Jagannathrao Metkar	Vice President	9767824240	<a href="mailto:vp3@ssesa.org">vp3@ssesa.org</a>
5	Shri Dilip Bhagwantrao Ingole	Treasurer	9823045161	<a href="mailto:treasurer@ssesa.org">treasurer@ssesa.org</a>
6	Shri Hemant Wasudeorao Kalmegh	Member	9970070906	<a href="mailto:mem1@ssesa.org">mem1@ssesa.org</a>
7	Prin. Kesharao Ramkrushnrao Gawande	Member	9372793292	<a href="mailto:mem2@ssesa.org">mem2@ssesa.org</a>
8	Shri. Suresh Janardanrao Khotare	Member	9604318779	<a href="mailto:mem3@ssesa.org">mem3@ssesa.org</a>
9	Shri. Subhash Shridharant Bansod	Member	9422157202	<a href="mailto:mem4@ssesa.org">mem4@ssesa.org</a>
10	Dr. Vijay Govindrao Thakare	Secretary	9422858934	<a href="mailto:secretary@ssesa.org">secretary@ssesa.org</a>
11	Dr. Mahendra Pundlikrao Dhore	Co-opt Member	9423103043	<a href="mailto:nomi_clg_mem1@ssesa.org">nomi_clg_mem1@ssesa.org</a>

12	Shri. Naresh Madhukarrao Patil	Co-opt Member	9922914949	<a href="mailto:nomi_scl_mem2@ssesa.org">nomi_scl_mem2@ssesa.org</a>
13	Dr. Purushottam Shivaji Wayal	Co-opt Member	9850361280	<a href="mailto:nomi_scl_mem3@ssesa.org">nomi_scl_mem3@ssesa.org</a>
14	Dr. Amol Manoharrao Mahalle	Co-opt Member	9421822806	nomi_oth_mem4@ssesa.org

**3. Name and address of the Vice Chancellor / principal/ Director**

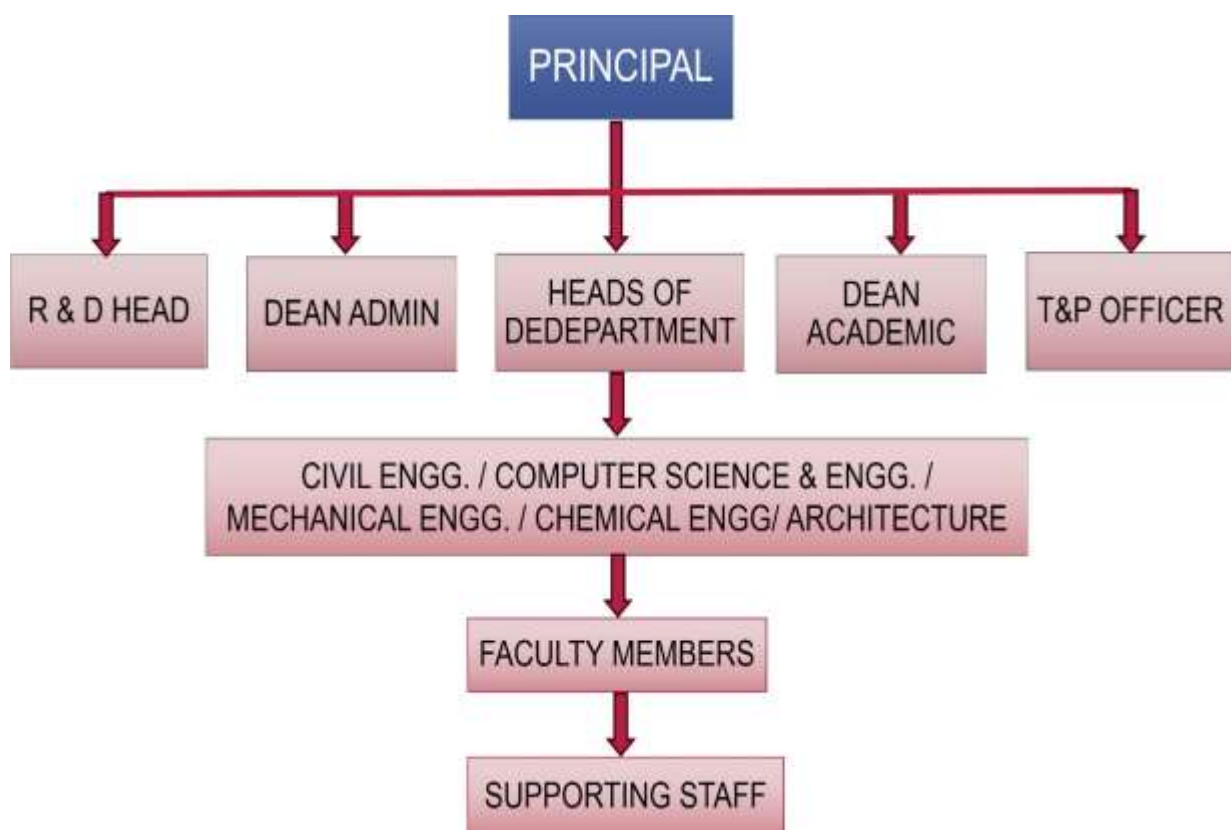
Principal - Dr. P. V. Thorat  
College of Engineering & Technology, Akola  
Address: N.H.No.6, Murtizapur Road, Akola  
Mobile Number – +91-9960590202,  
Email - [principalcoeta@gmail.com](mailto:principalcoeta@gmail.com)

**4. Name of Affiliating University**

Sant Gadge Baba Amravati University, Amravati.  
Address: Tapovan Road Camp, Amravati-444602, Maharashtra (India)  
Website: <http://www.sgbau.ac.in>

**5. Governance**

**i. Organizational chart and processes**



The internal organizational structural of our institute is shown above. The decisions of the top management in consultation with the principal are communicated to the heads and

deans in a meeting. These decisions are communicated to the faculty and supporting staff in their respective departmental meetings. Also request/need/information from faculty and supporting staff is taken to top management in reverse order i.e. from bottom to top.

As stated above the decision-making process is as follows.

- Keeping in view the quality policies, decisions are taken in the appropriate meetings with heads in the interest of stakeholders.
- These decisions are communicated to the faculty and supporting staff.
- Decisions are taken considering the overall development of the institute and students.

**• Nature and Extent of involvement of Faculty and students in academic affairs/improvements:**

The Staff Council meets twice a year to discuss about the academic & other affairs related to the students & the institute. Suggestions by the members are discussed & accordingly future planning is done. The students, parents, alumni & other stakeholders contribute through online & offline feedback mechanism.

**• Mechanism/ Norms and Procedure for democratic/ good Governance:**

AICTE specified rules, regulations and procedures are followed for good governance. Other guidelines are taken from the affiliating university and state government resolutions.

All the major issues related to the institute are discussed in the Academic Advisory Committee meetings and College Development Committee (CDC). The decisions are sent for the approval to the Board of Governors and finalized accordingly.

**• Student Feedback on Institutional Governance/ Faculty performance:**

A semester-wise student feedback mechanism is in place Both online & offline feedback is taken.

**ii. Grievance Redressal Mechanism for Faculty, Staff and Students**

College council and the local managing committee mainly act as the bodies for faculty and staff grievance/redressal. For student's grievance/redressal, every department has a faculty advisor who looks after the student welfare at the department level.

### iii. Establishment of Anti Ragging Committee

Anti Ragging Committee & Student Grievances Committee			
Sr No	Name of the Committee Member	Profession	Mobile Number
1	Dr. P. V. Thorat	Head of the Institute	9960590202
2	Shri Saurabh Sonkhaskar	Management Representative	9067674545
3	Dr. D. C. Kothari	Asst. Professor	9527802935
4	Prof. N. B. Bujruk	Asst. Professor	9665720622
5	Ku Kalpana Ingole	Non-teaching Representative	9370306988
6	Shri Ram Rathod	Student	9307004150
7	Ku Snehal Jayale	Student	9960128917
8	Mr. Ayush Shrivastav	Student	9561238034
9	Miss. Ishwari Dewar	Student	8975445485
10	Shri Milind Gaikwad	Local Media	7743855365
11	Civil Police Administration	Civil Police A	7242258399
12	Shri Dhananjay Bhagat	NGO	9764787267
13	Dr. S. N. Nemade	Parent	9960590203
Anti Ragging Squad			
14	Prof. S. R. Thakare	Asst. Professor	9970148638
15	Prof. Dr. J. V. Shegokar	Asst. Professor	9960590214
16	Prof. A. A. Pande	Asst. Professor	9960696520
17	Prof. Ms. K. S. Gilda	Asst. Professor	9422224518

### iv. Establishment of Online Grievance Redressal Mechanism:

Yes, College has online grievance mechanism, the College online web link is mentioned below.

<https://coeta.ac.in/index.php/online-grievance-redressal/>

**v. Details of grievance redressal committee in the institution and OMBUDSMAN by the University**

 <b>Shri Shivaji Education Society, Amravati's</b> <b>COLLEGE OF ENGINEERING AND TECHNOLOGY, AKOLA</b> Bsbhulgaon (Jh) N. H. No. 6, Akola-444 104			
Anti Ragging Committee & Student Grievances Committee			
Sr. No.	Name of the Committee Member	Profession	Mobile Number
1	Dr. P. V. Thorat	Head of the Institute	9960590202
2	Shri. Saurabh Sonkhaskar	Mgmt representative	9067674545
3	Dr. D. C. Kothari	Asst. Professor	9527802935
4	Prof. N. B. Bujruk	Asst. Professor	9665720622
5	Ku. Kalpana Ingole	Non teaching Representative	9370306988
6	Shri. Ram Rathod	Student	9307004150
7	Ku. Snehal Jayale	Student	9960128917
8	Mr. Ayush Shrivastav	Student	9561238034
9	Miss. Ishwari Dewar	Student	8975445485
10	Shri. Milind Gaikwad	Local Media	7743855365
11	Civil Police Adminsitration	Civil Police A	7242258399
12	Shri. Dhananjay Bhagat	NGO	9764787267
13	Dr. S. N. Nemade	Parent	9960590203
Anti Ragging Squad			
14	Prof. S. R. Thakare	Asst. Professor	9970148638
15	Dr. J.V. Shegokar	Asst. Professor	9960590214
16	Prof. A. A. Pande	Asst. Professor	9960696520
17	Prof. Ms. K. S. Gilda	Asst. Professor	9422224518

**vi. Establishment of Internal Committee**

Internal Complaints Committee (ICC)/Vishakha Committee

Name	Designation
Prof. Mrs. K. U. Deshmukh	Chairperson
Prof. N. B. Bujruk	Member
Prof. K. S. Gilda	Member
Ms. Yogita Shelke	Member
Mrs. Ashwini Deshmukh (NGO)	Member
Adv. Sharda M. Malhotra	Member
Ku. Vedangi Palhade	Student Representative
Ku. Pranjali Wankhade	Student Representative
Ku. Payal N Gorle	Student Representative

**vii. Establishment of Committee for SC/ ST**

<b>Name</b>	<b>Designation</b>
Dr. S. C. Makwana	Chairman
Prof. N. B. Bujruk	Member
Dr. Mrs. J. V. Shegokar	Member
Prof. S. J. Ningwal	Member
Shri Y. W. Bhoyar	Member

**viii. Internal Quality Assurance Cell**

<b>Name</b>	<b>Designation</b>
Shri Hemantbhau W. Kalmegh	Member of Management
Dr. P. V. Thorat	Principal & Chairperson
Dr. S. K. Patil	Coordinator
Dr. S. L. Satarkar	H.O.D.'s and Teachers
Dr. S. V. Dhomane	H.O.D.'s and Teachers
Dr. S. N. Naikwad	H.O.D.'s and Teachers
Dr. S. C. Makwana	H.O.D.'s and Teachers
Prof. R. M. Phuke	H.O.D.'s and Teachers
Dr. S. V. Khedkar	H.O.D.'s and Teachers
Dr. S. S. Agrawal	H.O.D.'s and Teachers
Dr. D. V. Wele	H.O.D.'s and Teachers
Mr. S. R. Sonkhaskar	Senior Administrative officer (Office Superintendent)
Mr. Vishwajeet M. Wankhade	Nominee from Local Society/Trust, Students and Alumni
Mr. Manoj V. Thorat	Nominee from Local Society/Trust, Students and Alumni
Mr. Gaurav Gayakwad	Nominee from Employer
Mr. Sunil Nand	Nominee from Industrialists
Dr. S. N. Nemade	Nominee from Stakeholders



## 6. Programmes

	Sr. No.	Name of Programmes	Level
<b>i) Name of Programmes approved by AICTE</b>	1	Bachelor of Architecture (B. Arch.)	UG
	2	Bachelor of Chemical Engineering (B. Tech.)	UG
	3	Bachelor of Computer Science and Engineering (B. E.)	UG
	4	Bachelor of Civil Engineering (B. E.)	UG
	5	Bachelor of Mechanical Engineering (B. E.)	UG
	6	Master of Civil Engineering (M.E. Structure)	PG
	7	Master of Chemical Engineering (M. Tech. Chemical)	PG
<b>ii) Name of programmes accredited by NBA</b>	Nil		
<b>iii) Status of accreditation of the courses</b>	Nil		
<b>iv) Total number of courses</b>	07 (Seven)		
<b>Name of Programmes Accredited by AICTE</b>	NAAC Approved (A Grade - 3.06 CGPA)		

### v) For Each Program Following Details are given:

Name of Programme	Bachelor of Architecture (B. Arch.)		
Number of seats	40		
Duration	5 Years		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
Cut off marks		-	113.2
Fee (Rs)	108744	116184	116004
Placement Facilities	Yes	Yes	Yes
Campus Placement	-	-	04

Name of Programme	Bachelor of Chemical Engineering (B. Tech.)		
Number of seats	60		

<b>Duration</b>	<b>4 Years</b>		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>			22.89
<b>Fee (Rs)</b>	109611	108051	107871
<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	12	24	47

<b>Name of Programme</b>	<b>Bachelor of Computer Science and Engineering (B. E.)</b>		
<b>Number of seats</b>	120		
<b>Duration</b>	<b>4 Years</b>		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>			53.66
<b>Fee (Rs)</b>	109611	108051	107871
<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	-	09	67

<b>Name of Programme</b>	<b>Bachelor of Civil Engineering (B. E.)</b>		
<b>Number of seats</b>	60		
<b>Duration</b>	<b>4 Years</b>		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>			37.38
<b>Fee (Rs)</b>	109611	108051	107871
<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	12	12	40

<b>Name of Programme</b>	<b>Bachelor of Mechanical Engineering (B. E.)</b>		
<b>Number of seats</b>	60		
<b>Duration</b>	<b>4 Years</b>		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>			17.65
<b>Fee (Rs)</b>	109611	108051	107871

<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	03	13	26

<b>Name of Programme</b>	<b>Master of Civil Engineering (M.E. Structure)</b>		
<b>Number of seats</b>	18		
<b>Duration</b>	2 Years		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>		-	6.27
<b>Fee (Rs)</b>	93424	93369	93209
<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	-	-	-

<b>Name of Programme</b>	<b>Master of Chemical Engineering (M. Tech. Chemical)</b>		
<b>Number of seats</b>	18		
<b>Duration</b>	2 Years		
	CAY (2023-24)	CAY-1 (2022-23)	CAY-2 (2021-22)
<b>Cut off marks</b>			2.67
<b>Fee (Rs)</b>	93424	93369	93209
<b>Placement Facilities</b>	Yes	Yes	Yes
<b>Campus Placement</b>	-	-	-

## 7. Faculty

### A. FACULTY LIST FOR ENGINEERING (UG & PG)

FACULTY LIST OF BE CHEMICAL ENGINEERING (UG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SATISH	KHEDKAR	Regular	HOD	CHEMICAL ENGINEERING
2	Dr.	DHANANJAY	SAKARKAR	Regular	Asst. Professor	CHEMICAL ENGINEERING
3	Dr.	DURGESH	WELE	Regular	Asst. Professor	CHEMICAL ENGINEERING
4	Dr.	DHARMENDRA	KOTHARI	Regular	Asst. Professor	CHEMICAL ENGINEERING
5	Mrs.	KALPANA	DESHMUKH	Regular	Asst. Professor	APPLIED ELECTRICAL & INSTRUMENTATION ENGINEERING
6	Dr.	MADHUKAR	PATIL	Adhoc	Asso. Professor	CHEMICAL ENGINEERING
7	Dr.	VIJAY	THAKARE	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
8	Dr.	AMEET	GAWANDE	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
9	Mr.	RAJNIKANT	JADHAO	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
10	Ms.	SHARDA	DESHMUKH	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
11	Miss	NAMITA	PATIL	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
12	Ms.	ROHINI	THAKARE	Adhoc	Asst. Professor	CHEMICAL ENGINEERING
13	Mr.	SHYAM	WAKODE	Adhoc	Asst. Professor	CHEMICAL ENGINEERING

FACULTY LIST OF MTECH CHEMICAL ENGINEERING (PG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SATISH	KHEDKAR	Regular	HOD	CHEMICAL ENGINEERING
2	Dr.	SHIRISH	NEMADE	Adhoc	Asso. Professor	CHEMICAL ENGINEERING
3	Dr.	GOPAL	ZAMRE	Regular	Asst. Professor	CHEMICAL ENGINEERING

FACULTY LIST OF BE COMPUTER SCIENCE & ENGINEERING (UG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SHRIKANT	SATARKAR	Regular	HOD	COMPUTER SCIENCE & ENGINEERING
2	Dr.	SACHIN	AGRAWAL	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
3	Dr.	RACHNA	JAISWAL	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
4	Dr.	SUNIL	AGRAWAL	Regular	Asst. Professor	COMPUTER SCIENCE AND TECHNOLOGY
5	Dr.	PREMSAGAR	BHANAWAT	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
6	Miss	KALPANA	GILDA	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
7	Mr.	VIJAY	TRIPATHI	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
8	Miss	RASHMI	TALEY	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING

9	Dr.	SANDEEP	AWACHAR	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
10	Dr.	SANJAY	NAIKWAD	Regular	Asso. Professor	APPLIED ELECTRONICS
11	Mr.	SUMALA	NINGWAL	Regular	Asst. Professor	APPLIED PHYSICS
12	Dr.	MANDAR	DESHMUKH	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
13	Mr.	SWAPNIL	BOBADE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
14	Mrs.	SHARWARI	DIXIT	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
15	Mr.	MANGESHKUMAR	SHEGOKAR	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
16	Mr.	NARENDRA	BUJRUJ	Adhoc	Asst. Professor	COMPUTER SCIENCE AND TECHNOLOGY
17	Mr.	ANAND	BIHADE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
18	Miss	KALYANI	BARABDE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
19	Mrs.	RUTUJA	DESHMUKH	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
20	Miss	VASANTI	GAUD	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
21	Ms.	RENUKA	ARBAT	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
22	Miss	KALYANI	GAWANDE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
23	Ms.	ANITA	JAWARE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
24	Ms.	PRIYA	TAYADE	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
25	Ms.	ASHWINI	DESHMUKH	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING
26	Ms.	ASHWINI	PUNDKAR	Adhoc	Asst. Professor	COMPUTER SCIENCE & ENGINEERING

**FACULTY LIST OF BE INFORMATION TECHNOLOGY (PROPOSED BRANCH) (UG)**

Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Ms.	SHRUTI	KAKAD	Adhoc	Asst. Professor	INFORMATION TECHNOLOGY
2	Ms.	SNEHA	CHALISGAONKAR	Adhoc	Asst. Professor	INFORMATION TECHNOLOGY
3	Ms.	PRIYANKA	TATHE	Adhoc	Asst. Professor	INFORMATION TECHNOLOGY

**FACULTY LIST OF ME COMPUTER SCIENCE & ENGINEERING (PROPOSED BRANCH) (PG)**

Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SHRIKANT	SATARKAR	Regular	HOD	COMPUTER SCIENCE & ENGINEERING
2	Dr.	SACHIN	AGRAWAL	Regular	Asst. Professor	COMPUTER SCIENCE & ENGINEERING

FACULTY LIST OF BE MECHANICAL ENGINEERING (UG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SANJAYKUMAR	MAKWANA	Regular	HOD	MECHANICAL ENGINEERING
2	Dr.	SANJAY	PATIL	Regular	Asso. Professor	MECHANICAL ENGINEERING
3	Dr.	SANJAY	PARASKAR	Adhoc	Asso. Professor	MECHANICAL ENGINEERING
4	Mr.	SANJAY	MALPANI	Regular	Asst. Professor	MECHANICAL ENGINEERING
5	Dr.	JYOTI	DHUMALE	Regular	Asst. Professor	APPLIED CHEMISTRY
6	Dr.	PANKAJ	ARDAK	Adhoc	Asso. Professor	MECHANICAL ENGINEERING
7	Mr.	SUDHIR	DHOMANE	Adhoc	Asst. Professor	MECHANICAL ENGINEERING
8	Mr.	SHASHIKANT	THAKRE	Adhoc	Asst. Professor	MECHANICAL ENGINEERING
9	Mr.	MAHESH	PUNDKAR	Adhoc	Asst. Professor	MECHANICAL ENGINEERING
10	Mr.	AMIT	KHEDKAR	Adhoc	Asst. Professor	MECHANICAL ENGINEERING
11	Mr.	AMAR	TOLMARE	Adhoc	Asst. Professor	MECHANICAL ENGINEERING
12	Miss	ASHWINI	GAWANDE	Contract	Asst. Professor	MECHANICAL ENGINEERING

FACULTY LIST OF BE CIVIL ENGINEERING (UG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	ABHINANDAN	GUPTA	Regular	HOD	CIVIL ENGINEERING
2	Mr.	RAHUL	PHUKE	Regular	Asst. Professor	CIVIL ENGINEERING
3	Mr.	RAHUL	WATILE	Regular	Asst. Professor	CIVIL ENGINEERING
4	Mr.	AMIT	GAWANDE	Regular	Asst. Professor	CIVIL ENGINEERING
5	Mr.	PURUSHOTTAM	RAUT	Regular	Asst. Professor	CIVIL ENGINEERING
6	Mr.	GAJANAN	BHARSAKALE	Adhoc	Asst. Professor	CIVIL ENGINEERING
7	Mr.	ANAND	TATHOD	Adhoc	Asst. Professor	CIVIL ENGINEERING
8	Mr.	ADITYA	GANGANE	Adhoc	Asst. Professor	CIVIL ENGINEERING
9	Mr.	DUSHYANT	ZAMRE	Adhoc	Asst. Professor	CIVIL ENGINEERING
10	Ms.	PUJA	PESHWE	Adhoc	Asst. Professor	CIVIL ENGINEERING
11	Ms.	VAISHNAVI	WANKHADE	Adhoc	Asst. Professor	CIVIL ENGINEERING
12	Ms.	DEVYANI	MANEKAR	Adhoc	Asst. Professor	CIVIL ENGINEERING
13	Ms.	ASHVINI	MAHALE	Adhoc	Asst. Professor	CIVIL ENGINEERING
14	Mr.	CHARUHAS	KULAT	Contract	Asst. Professor	CIVIL ENGINEERING

FACULTY LIST OF ME CIVIL ENGINEERING (PG)						
Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	ABHINANDAN	GUPTA	Regular	HOD	CIVIL ENGINEERING
2	Mr.	RAHUL	PHUKE	Regular	Asst. Professor	CIVIL ENGINEERING
3	Mrs.	ADITI	DESHMUKH	Adhoc	Asst. Professor	CIVIL ENGINEERING

## B. FACULTY LIST FOR ARCHITECTURE


Sr. No	Title	First Name	Last Name	Appointment Type	Designation	Department
1	Dr.	SUDHIR	DHOMNE	Regular	HOD	ARCHITECTURE
2	Mr.	DILIP	JADE	Adhoc	Asso. Professor	ARCHITECTURE
3	Mr.	JAYANT	INGOLE	Regular	Asst. Professor	ARCHITECTURE
4	Miss	MALINI	NATHE	Regular	Asst Professor	ARCHITECTURE
5	Mr.	ANAND	PANDE	Regular	Asst Professor	ARCHITECTURE
6	Mr.	GULFAM	SHEIKH	Adhoc	Asst Professor	ARCHITECTURE
7	Mr.	SAIYAM	CHATURVEDI	Adhoc	Asst Professor	ARCHITECTURE
8	Miss	RADHIKA	RAUT	Adhoc	Asst Professor	ARCHITECTURE

- **Permanent Faculty: Student Ratio**

For UG (Engineering) = 1: 12.5


For Architecture = 1: 10


## 8. Profile of Vice Chancellor/ Director/ Principal/ Faculty


Name	Dr. Prashant V. Thorat		
Date of Birth	31-08-1965		
Unique ID	1-459315273		
Education Qualifications	B.Tech. (Polymer Technology) M.E. (Plastic Engineering) PGDMM (Marketing Management) Ph.D. (Chemical Technology)		
Work Experience			
<ul style="list-style-type: none"><li>Teaching</li></ul>	31 Years		
<ul style="list-style-type: none"><li>Research</li></ul>	05 Years		
<ul style="list-style-type: none"><li>Industry</li></ul>	02 Years		
<ul style="list-style-type: none"><li>Others</li></ul>	-		
Area of Specialization	Chemical Engineering		
Courses taught at <ul style="list-style-type: none"><li>Under Graduate</li><li>Post Graduate</li></ul>	Polymer Technology & Chemical Engineering		
Research Guidance			
<ul style="list-style-type: none"><li>No. of papers published in National/ International Journals/Conferences</li></ul>	Papers Published in Journals	35+	
	Papers Presented in Conferences	20	
<ul style="list-style-type: none"><li>Master</li></ul>	10 Students		
<ul style="list-style-type: none"><li>Ph.D.</li></ul>	10 Students		
Projects Carried out	SPDP, M.S.S.C, M.I.D.C Akola		
Patents	02		
Technology Transfer	-		
Research Publications	55		
No. of Books published with details	01) Banana & Glass Fiber Hybrid Bio-composite: A Novel & Cost-Effective Composite <b>Publisher:</b> Lambert Academic Publishers, Germany <b>ISBN:</b> 978-3-659-43255-2 <b>Year of publication:</b> 2018		
	02) Synthesis and Characterization of Polyurethane using Castor Oil: A Cost-Effective Adhesive for Wood Substrate <b>Publisher:</b> Lambert Academic Publishers, Germany <b>ISBN:</b> 978-3-659-92456-9 <b>Year of publication:</b> 2016		





## DEPARTMENT OF CHEMICAL ENGINEERING


Name of Teaching Staff	Prof. Satish V. Khedkar	
Designation	Asst. Professor	
Department	Chemical Engineering	
Date of Joining the Institution	25.10.93	
Qualifications with Class/Grade	UG: B. Tech (1st Div)	
	PG.: M. Tech (1st Div)	
	M.I.R.P.M. (1st Div)	
	Ph.D.	
Total Experience in Years	Teaching 29	
Papers Published	National 22, International 20	
Papers Presented in Conferences	National: 20, International: 5	
Books	1	
Professional Memberships	ISTE	


Name of Teaching Staff	Dr. Shirish N. Nemade	
Designation	Associate Professor	
Department	Chemical Engineering	
Date of Joining the Institution	13.9.1988	
Qualifications with Class/Grade	UG.:(Chem. Tech.) 1 <sup>st</sup> Div.	
	PG.: First (DT)	
	PHD	
Total Experience in Years	Teaching 34	
	Research 02	
Papers Published	National 25	
	International 15	
Papers Presented in Conferences	National 15	
	International 02	
Books Published /PRs/Patents	An e-book on hybrid bio composite based on banana fiber by Lambert Academic publisher, Germany.	
Professional Memberships	Indian Plastics Institute, Mumbai, ISTE New Delhi	
Awards	Rubplas Excellence award by Shriram Institute for Industrial research	


Name of Teaching Staff	Prof. Dhananjay P. Sakarkar	
Designation	Asst. Professor.	
Department	Chemical Engineering	
Date of Joining the Institution	25.10.1993	
Qualifications with Class/Grade	UG.: 1st Div,	
	PG: M.E. (A grade)	
	LLB	
	Ph. D	
Total Experience in Years	Teaching: 29	
	Industry: 02	
Papers Published	National: 10	
	International: 08	
Papers Presented in Conferences	National: 03	
	International 02	
Professional Memberships	Indian Plastics Institute, Mumbai, Indian Society for Tech., Edu. New Delhi	

Name of Teaching Staff	Dr. Gopal S. Zamre	
Designation	Asst. Professor	
Department	Chemical Engineering	
Date of Joining the Institution	19.03.1997	
Qualifications with Class/Grade	UG: B. Tech (1st class)	
	PG.: ME (Grade A)	
	Ph.D.	
Total Experience in Years	Teaching: 23	
Papers Published	National 06	
	International 15	
Papers Presented in Conferences	National 12	
Books	1	
Consultancy Activities	Joints Projects with industries	
Interaction with Professional Institutions	LIT. Nag, Dr. PDKV, Akola, Akola, Ambuja Soya Plant, Purti Sugar Mill, Nag.	


Name of Teaching Staff	Dr. Durgesh V. Wele	
Designation	Asst. Professor.	
Department	Chemical Engineering	
Date of Joining the Institution	01.07.2005	
Qualifications with Class/Grade	UG.: BE 1 <sup>st</sup> Div.	
	PG: M. Tech (Chem.) 1st div.	
	Ph.D.	
Total Experience in Years	Teaching 19	
	Industry 02	
Papers Published	National 07	
	International 08	
Papers Presented in Conferences	National 04	
	International 06	
Patent Filed	2	
Professional Memberships	Indian Plastics Institute, Mumbai, ISTE. New Delhi	
Interaction with Professional Institutions	UDCT Jalgaon, Govt Poly Amravati	


Name of Teaching Staff	Dr. Dharmendra C. Kothari	
Designation	Asst. Professor	
Department	Chemical Engineering	
Date of Joining the Institution	28.08.2009	
Qualifications with Class/Grade	UG.: B.Tech. 1 <sup>st</sup> Div.	
	PG: M.Sc.	
	Ph.D.	
Total Experience in Years	Teaching 15	
	Industry 10	
	Research 9	
Books :	Chapter in 2-Books	
Papers Published	National: 15	
	International 9	
Papers Presented in Conferences	National:15	
	International:10	
Professional Memberships	Indian Institute of Chemical Engg., Indian Society for Technical Education LM 38081, The Institution of Engineers (India)	

Name	Prof. K. U. Deshmukh	
Date of Birth	09-08-1965	
Unique ID		
Education Qualifications	M. E. (Electrical Power System)	
Work Experience		
• Teaching	35 years 5 Months	
• Research		
• Industry		
• Others		
Area of Specialization		
Courses taught at	1) Basic Electrical Engineering	
• Under Graduate	2) B. E. D. C.	
• Post Graduate	3) Automatic Control System	
	4) Basic Electronics	
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences	3	
• Master	-	
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	


Name	Dr. Madhukar Subhash Patil	
Date of Birth	14-04-1972	
Education Qualifications	B. Tech, M. Tech, PhD	
Work Experience	31	
• Teaching	29	
• Research	NA	
• Industry	2	
• Others	NA	
Area of Specialization	Chemical Engineering	
Courses taught at • Under Graduate • Post Graduate	Chemical Engineering	
Research guidance		
• No. of papers published in National/ International Journals/Conferences	National: --	
	International: 10 (Paper)(IJAITE)	
	Conferences: 10	
	National –	
	International-	
• Master	10	
• Ph.D.		
Projects Carried out	NA	
Patents	NA	
Technology Transfer	NA	
Research Publications	NA	
No. of Books published with details		



Name	Dr. Vijay R.Thakare	
Date of Birth	21-06-1975	
Unique ID	1-459315159	
Education Qualifications	M.Sc. B.Ed M.Phil. Ph.D	
Work Experience		
• Teaching	22 years	
• Research	4 Yrs	
• Industry		
• Others		
Area of Specialization	Organic Chemistry	
	Environmental Chemistry	
Courses taught at	Applied Engineering Chemistry	
• Under Graduate	Polymer Chemistry, Organic Chem	
• Post Graduate	Environmental Chem, APC	
Research guidance		
• No. of papers published in National/ International Journals/Conferences	International Journal – 05	
	International Conference – 02	
	National Conference –03	
• Master	M.Sc	
• Ph.D.	Completed in 2015	
Projects Carried out	----	
Patents	-----	
Technology Transfer	-----	
Research Publications	10	
No. of Books published with details	-----	

Name of Teaching Staff	Dr. Amit P. Gawande	
Designation	Asst. Professor	
Department	Chemical Engineering	
Date of Joining the Institution	07-02-2012	
Qualifications with Class/Grade	UG.: B. Tech (1stDiv)	
	PG.: M. Tech (1st)	
	Ph.D.	
Total Experience in Years	Teaching:12	
Papers Published	National: 4	
	International 15	
Papers Presented in Conferences	National 05	
Books Published/PRs/Patents	2	
Professional Memberships	ISTE New Delhi	

Name of Teaching Staff	Prof. R. S. Jadhao	
Designation	Asst. Professor	
Department	Chemical Engineering	
Date of Joining the Institution	07-09-2012	
Qualifications with Class/Grade	UG: B. Tech (1 <sup>st</sup> Div)	
	PG.: M. Tech (B+)	
	PhD (Pursuing)	
Total Experience in Years	Teaching 12	
Papers Published	National:02	
	International 06	
Papers Presented in Conferences	National 09	
	International 04	
Professional Memberships	ISTE New Delhi	

Name	Prof. Sharda Devendra Deshmukh	
Date of Birth	12-02-1984	
Unique ID	-	
Education Qualifications	MSc (Maths), MSc (Chemistry), MA(Music), B Ed	
Work Experience	12	
• Teaching	12	
• Research	-	
• Industry	-	
• Others	-	
Area of Specialization		
Courses taught at	Mathematics, Physics, Chemistry	
• Under Graduate	Mathematics and Chemistry and Music	
• Post Graduate		
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences	2	
• Master		
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	

Name	Prof. Namita Patil	
Date of Birth		
Unique ID	-	
Education Qualifications		
Work Experience		
· Teaching		
· Research	-	
· Industry	-	
· Others	-	
Area of Specialization		
Courses taught at		
· Under Graduate		
· Post Graduate		
Research guidance	-	
· No. of papers published in National/ International Journals/Conferences		
· Master		
· Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	

Name	Prof. Rohini Thakare	
Date of Birth		
Unique ID	-	
Education Qualifications		
Work Experience		
• Teaching		
• Research	-	
• Industry	-	
• Others	-	
Area of Specialization		
Courses taught at		
• Under Graduate		
• Post Graduate		
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences		
• Master		
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	


Name	Prof. Shyam Wakode	
Date of Birth		
Unique ID	-	
Education Qualifications		
Work Experience		
• Teaching		
• Research	-	
• Industry	-	
• Others	-	
Area of Specialization		
Courses taught at		
• Under Graduate		
• Post Graduate		
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences		
• Master		
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	

## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING


Name	Dr. Shrikant L. Satarkar	
Date of Birth	22-02-1968	
Employee ID	COETA45	
Educational Qualification	UG.: B.E. (1st class)	
	PG.: M.E. (1st class) Ph.D. (CSE)	
Work Experience (Teaching)	33 years	
Work Experience (Research)		
Work Experience (Industry)		
Work Experience (Others)		
Area of Specialization	Fuzzy Expert System	
Courses Taught at Under	MALP, AI	
-Graduate Level		
Courses Taught at Postgraduate Level	-	
Total No. of Papers Published in National/International Journals	National:	International: 15
Total No. of Papers Published in National/International Conferences	National:	International:
Total No. of Research Guidance (to Master's Level)	8	
Total No. of Research Guidance (for Ph. D.)	4	
Total No. of Projects Carried Out	-	
Total No. of Patents	2	
Technology Transfer	-	
No. of Books Published with Details	1	Theoretical Fundamentals of Computer Science ISBN no.9789325975569




Name	Dr. Sachin S. Agrawal	
Date of Birth	20-12-1982	
Employee ID	COETA45	
Educational Qualification	UG.: B.E.(CSE)	
	PG.: M.E.(CSE)	
	Ph.D. (CSE)	
Work Experience (Teaching)	18 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Database	
Courses Taught at Under	DBS, DAA	
-Graduate Level		
Courses Taught at Postgraduate Level	-	
Total No. of Papers Published in National/International Journals	National: Nil	International: 20
Total No. of Papers Published in National/International Conferences	National:	International:
Total No. of Research Guidance (to Master's Level)	5	
Total No. of Research Guidance (for Ph. D.)	3	
Total No. of Projects Carried Out	-	
Total No. of Patents	2	
Technology Transfer	-	
No. of Books Published with Details	1	Theoretical Fundamentals of Computer Science ISBN no.9789325975569 CS-I/PM/CS-II


Name	Dr. Mrs. Rachana S. Jaiswal	
Date of Birth	26-06-1982	
Employee ID		
Educational Qualification	UG.: B.E.(CSE)	
	PG.: M.E.(CSE) Ph.D. (CSE)	
Work Experience (Teaching)	18 years	
Work Experience (Research)		
Work Experience (Industry)		
Work Experience (Others)		
Area of Specialization	Fuzzy Expert System, Image Segmentation	
Courses Taught at Under	AI, MMT, DC	
-Graduate Level		
Courses Taught at Postgraduate Level		
Total No. of Papers Published in National/International Journals	National: Nil	International: 11
Total No. of Papers Published in National/International Conferences	National: 4	International: 05
Total No. of Research Guidance (to		
Master's Level)		
Total No. of Research Guidance (for Ph. D.)		
Total No. of Projects Carried Out		
Total No. of Patents	2	
Technology Transfer		
No. of Books Published with Details	1	Artificial Intelligence

Name	Dr. Sunil K. Agrawal	
Date of Birth	28/08/1969	
Unique ID	-	
Education Qualifications	B.Text,Ph.D,MBA,DMM	
Work Experience	32	
• Teaching	25	
• Research	-	
• Industry	07	
• Others	-	
Area of Specialization	Textile	
Courses taught at	Under Graduate	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	22	
• Master	Yes	
• Ph.D.	Yes	
Projects Carried out	Yes	
Patents	NA	
Technology Transfer	NA	
Research Publications	Yes	
No. of Books published with details	NA	

Name	Dr. Premsagar Dadarao Bhanawat	
Date of Birth	23-10-1982	
Unique ID	43	
Education Qualifications	Ph.D.	
Work Experience		
• Teaching	18 Years 6 Months	
• Research		
• Industry		
• Others		
Area of Specialization	Technical Textiles and Technical Engineering	
Courses taught at		
• Under Graduate • Post Graduate	1. Engineering Mechanics	
	2. Engineering Physics	
	3. Soft Skills and Interpersonal Communication	
	4. Organizational Behaviour and Human Resource Development	
Research guidance		
• No. of papers published in National/ International Journals/Conferences	30	
• Master		
• Ph.D.		
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	30	
No. of Books published with details	-	


Name	Prof. Kalpana S. Gilda	
Date of Birth	19-04-1983	
Employee ID	COETA17	
Educational Qualification	UG.: B.E.(Comp) PG: ME CSE Pursuing PhD	
Work Experience (Teaching)	17 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	-	
Courses Taught at Under -Graduate Level	CD, AI, DAA, DSGT	
Courses Taught at Postgraduate Level	-	
Total No. of Papers Published in National/International Journals		International: 14
Total No. of Papers Published in National/International Conferences	National :02	International: 05
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	-	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	


Name	Dr. V. R. Tripathi	
Date of Birth	24-03-1978	
Employee ID	COETA18	
Educational Qualification	BE (ExTC) ME(ExTC)	
Work Experience (Teaching)	15 years	
Work Experience (Research)		
Work Experience (Industry)	9 months	
Work Experience (Others)		
Area of Specialization		
Courses Taught at Under - Graduate Level	EDC, ADIC, STLD, ADE, Sensor and Actuators	
Courses Taught at Postgraduate Level		
Total No. of Papers Published in National/International Journals	National: 0	International: 10
Total No. of Papers Published in National/International Conferences	National: 7	International: 4
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	-	
Total No. of Projects Carried Out	-	
Total No. of Patents	1 copy right	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Dr. Rashmi A. Taley	
Date of Birth	03-11-1985	
Employee ID	COETA20	
Educational Qualification	B.E. (CSE) M.E. (CE) PhD (CE)	
Work Experience (Teaching)	16 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	CSE	
Courses Taught at Under-Graduate Level	Data Structure, Operating System, Computer Graphics	
Courses Taught at Postgraduate Level		
Total No. of Papers Published in National/International Journals	National: -	International :10
Total No. of Papers Published in National/International Conferences	National & International: 7	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	-	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	


Name	Dr. S. A. Awachar	
Date of Birth	14-06-1982	
Employee ID		
Educational Qualification	B.E.(Ind.Electronics)-1st class, M.E.(Digital Electronics)-1st class, M.B.A.(Fin.Mgmt)-IInd class, Ph.D(EXTC)	
Work Experience (Teaching)	17 years	
Work Experience (Research)		
Work Experience (Industry)	2 years	
Work Experience (Others)		
Area of Specialization	Robotics, IoT	
Courses Taught at Under	DSP, ES, IOT, EDC, ADIC, STLD	
-Graduate Level		
Courses Taught at Postgraduate Level	-	
Papers Published in National/International Journals	National : 00	International: 04
Papers Published in National/International Conferences	National: 9	International :1
Research Guidance (toMaster's Level)	-	
Research Guidance (for Ph. D.)	-	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with details	1	DSP Made Easy, ISBN: NO-978-93-91190-53-8





Name	Dr. Sanjay N. Naikwad	
Date of Birth	26-07-1964	
Unique ID	1-459315159	
Education Qualifications	B.E., M. E., PhD (Elect. Engg.)	
Work Experience		
• Teaching	35 years	
• Research		
• Industry		
• Others		
Area of Specialization	Solar Photovoltaic System	
	System Identification using Neural Network	
Courses taught at	Basic Electrical Engineering,	
• Under Graduate	BEDC	
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	International Journal – 08	
	International Conference – 03	
	National Conference – 01	
• Master		
• Ph.D.		
Projects Carried out	MPPT for SPV system	
Patents		
Technology Transfer		
Research Publications	12	
No. of Books published with details		


Name	Prof. Sumala Jamsing Ningwal	
Date of Birth	28-06-1985	
Unique ID	66	
Education Qualifications	Msc.Physics (SET)	
Work Experience		
• Teaching	14 Years 2 Months	
• Research		
• Industry		
• Others		
Area of Specialization	Condensed Matter Physics	
Courses taught at	1.Engineering Physics	
• Under Graduate	2.Applied Physics	
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	10	
• Master		
• Ph.D.		
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	10	
No. of Books published with details	-	

Name	Dr. Mandar Krishnarao Deshmukh	
Date of Birth	08-05-1988	
Employee ID		
Educational Qualification	BE, ME, PhD (CSE)	
Work Experience (Teaching)	13 Years	
Work Experience (Research)		
Work Experience (Industry)		
Work Experience (Others)		
Area of Specialization	Networking, Web Development	
Courses Taught at Under Graduate Level	TOC, CN, SE, SS	
Courses Taught at Post Graduate Level	ACN	
Total No. of Papers Published in National/International Journals	12	
Total No. of Papers Published in National/International Conferences	11	
Total No. of Research	2	
Guidance (to Master's Level)		
Total No. of Research	0	
Guidance (for Ph. D.)		
Total No. of Projects Carried Out	12	
Total No. of Patents	0	
Technology Transfer	0	
No. of Books Published with Details	-	

Name	Prof. S. A. Bobade	
Date of Birth	25-02-1987	
Employee ID		
Educational Qualification	BE(IT), ME(IT)	
Work Experience (Teaching)	13 Years	
Work Experience (Research)		
Work Experience (Industry)		
Work Experience (Others)		
Area of Specialization	Image Processing, Machine learning	
Courses Taught at Under Graduate Level		
Courses Taught at Postgraduate Level		<div> <div>Total No. of Papers Published in National/International Journals</div> <div>National: 04</div> <div>International :06</div> </div> <div> <div>Total No. of Papers Published in National/International Conferences</div> <div>National:</div> <div>International: 01</div> </div> <div> <div>Total No. of Research Guidance (to Master's Level)</div> <div></div> <div>Total No. of Research Guidance (for Ph. D.)</div> <div></div> <div>Total No. of Projects Carried Out</div> <div></div> <div>Total No. of Patents</div> <div>Nil</div> <div>Technology Transfer</div> <div></div> <div>No. of Books Published with Details</div> <div></div> </div>
Total No. of Papers Published in National/International Journals	National: 04	
Total No. of Papers Published in National/International Conferences	National:	
Total No. of Research Guidance (to Master's Level)		
Total No. of Research Guidance (for Ph. D.)		
Total No. of Projects Carried Out		
Total No. of Patents	Nil	
Technology Transfer		
No. of Books Published with Details		


Name	Prof. Mrs. S. S. Dixit	
Date of Birth	30-12-1981	
Employee ID	COETA85	
	1-459201027	
Educational Qualification	M.Tech (Digital Electronics)	
Work Experience (Teaching)	15 years	
Work Experience (Research)	–	
Work Experience (Industry)	–	
Work Experience (Others)	–	
Area of Specialization	Digital Electronics, Digital system design	
Courses Taught at Under	EDC, ADIC, CAO,STLD,FSDP,POM< DSGT,SPG	
-Graduate Level		
Courses Taught at Postgraduate Level	–	
Total No. of Papers Published in National/International Journals	6	
Total No. of Papers Published in National/International Conferences	3	
Total No. of Research Guidance (to Master's Level)	–	
Total No. of Research Guidance (for Ph. D.)	–	
Total No. of Projects Carried Out	–	
Total No. of Patents	–	
Technology Transfer	Completed AICTE UHV refresher-1 part-1 FDP	
No. of Books Published with Details	Nil	


Name	Prof. Mangeshkumar Shivram Shegokar	
Date of Birth	14-01-1990	
Employee ID	COETA292	
Educational Qualification	ME COMPUTER SCIENCE AND ENGINEERING	
Work Experience (Teaching)	8 Years	
Work Experience (Research)	NO	
Work Experience (Industry)	NO	
Work Experience (Others)	NO	
Area of Specialization	Computer Science and Engineering	
Courses Taught	ALP, CO, CN, DC, MMT, DCN, CA, OOAD, ES, DSP, SE, SPM, DBS,	
Total No. of Papers Published in Journals		
Total No. of Papers Published in National/International	ESD	
Total No. of Research		
Total No. of Research	7	
Total No. of Projects Carried Out		
Total No. of Patents		
Technology Transfer	5	
No. of Books Published with details		

Name	Narendra Babarao Bujruk	
Date of Birth	01-01-1963	
Unique ID		
Education Qualifications	M.P.Ed, NIS	
Work Experience	34	
Teaching		
Research	-	
Industry		
Others	Sports , Physical Education	
Area of Specialization	Football & Hockey	
Courses taught at		
Under Graduate		
Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	2	
Master		
Ph.D.		
Projects Carried out		
Patents	NA	
Technology Transfer	NA	
Research Publications	Yes	
No. of Books published with details		

Name	Prof Anand A. Bihade	
Date of Birth	14-02-1981	
Unique ID	COETA267	
Education Qualifications	M. Tech (cse) B E (CSE) Phd (pursing)	
Work Experience	13 years	
• Teaching	13 years	
• Research	Nil	
• Industry	Nil	
• Others	Nil	
Area of Specialization	VANET	
Courses taught at	Computer Programming	
• Under Graduate	Data communication networking	
• Post Graduate	Data structure	
Research guidance		
• No. of papers published in National/ International Journals/Conferences	4 papers	
• Master	NIL	
• Ph.D.		
Projects Carried out		
Patents	NIL	
Technology Transfer	NIL	
Research Publications	NIL	
No. of Books published with details	NIL	





Name	Kalyani P. Barabde	
Date of Birth	08-06-1992	
Employee ID	COETA354	
Educational Qualification	M.E. CSE B.E CSE	
Work Experience (Teaching)	5.5 years	
Work Experience (Research)		
Work Experience (Industry)	18 months	
Work Experience (Others)		
Area of Specialization	Computer Science and Engineering	
Courses Taught	Discrete Structure, Communication Skill, Network Security, Cyber Security, Cryptography, Data base and management system, Computer Resource Management, File system	
Total No. of Papers Published in Journals	4	
Total No. of Papers Published in National/International	1	
Total No. of Research		
Total No. of Research		
Total No. of Projects Carried Out		
Total No. of Patents		
Technology Transfer		
No. of Books Published with		


Name	Prof. Rutuja Jay Deshmukh	
Date of Birth	13-01-1992	
Employee ID	COETA 130	
Educational Qualification	M.E. (CSE)	
Work Experience (Teaching)	4 years 6 Months	
Work Experience (Research)	NO	
Work Experience (Industry)	NO	
Work Experience (Others)	NO	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level	Data Structure & Algorithms, System Programming & Operating System, Soft Skills, Object Oriented Programming Language, Information System and Economics Engineering	Theory of Computation, Professional Ethics, Data Communications and Networking, Database Management Systems.
Courses Taught at Post Graduate Level		
Total No. of Papers Published in National/International Journals	5	
Total No. of Papers Published in National/International Conferences	4	
Total No. of Research Guidance (to Master's Level)		
Total No. of Research Guidance (for Ph. D.)		
Total No. of Projects Carried Out		
Total No. of Patents		
Technology Transfer		
No. of Books Published		

Name	Kalyani R Gawande	
Date of Birth	01-06-1995	
Employee ID		
Educational Qualification	B.E, M.E (CSE)	
Work Experience (Teaching)	4 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under	OOP, DBMS, SS, DS, Blockchain	
Graduate Level	Fundamentals	
Courses Taught at Post	-	
Graduate Level		
Total No. of Papers Published in National/International Journals	4	
Total No. of Papers Published in National/International Conferences	2	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research	--	
Guidance (for Ph. D.)		
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Prof. Vasanti Yuvraj Gaud	
Date of Birth	31-01-1990	
Employee ID		
Educational Qualification	B.E(IT), M.E (IT)	
Work Experience (Teaching)	4 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Information Technology	
Courses Taught at Under Graduate Level	MMT, SE, COA	
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Journals	2	
Total No. of Papers Published in National/International Conferences	1	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Anita Prakash Jaware	
Date of Birth	29-02-1988	
Employee ID		
Educational Qualification	B.E(CSE), M.E (CSE)	
Work Experience (Teaching)	4 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level	OOP, SE, OS	
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Journals	2	
Total No. of Papers Published in National/International Conferences	-	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Renuka Pramod Arbat	
Date of Birth	15-09-1995	
Employee ID		
Educational Qualification	B.E(CSE), M.E (CE)	
Work Experience (Teaching)	1 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level	DSGT, PEM, SSEE	
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences	2	
Total No. of Papers Published in National/International Conferences	-	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Priya Ashish Tayade	
Date of Birth	03-01-1987	
Employee ID		
Educational Qualification	B.E.(CSE), M.Tech (CSE)	
Work Experience (Teaching)	10 years	
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level	OS, DS, CG, OOAD	
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences	5	
Total No. of Papers Published in National/International Conferences	3	
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

Name	Aswini Deshmukh	
Date of Birth		
Employee ID		
Educational Qualification	B.E.(CSE), M.E (CSE)	
Work Experience (Teaching)		
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level		
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences		
Total No. of Papers Published in National/International Conferences		
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	



Name	Aswini Pundkar	
Date of Birth		
Employee ID		
Educational Qualification	B.E.(CSE), M.E (CSE)	
Work Experience (Teaching)		
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level		
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences		
Total No. of Papers Published in National/International Conferences		
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	


**DEPARTMENT OF INFORMATION TECHNOLOGY (PROPOSED BRANCH)**


Name	Shruti V. Kakad	
Date of Birth		
Employee ID		
Educational Qualification	B.E.(CSE), M.E (CSE)	
Work Experience (Teaching)		
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Computer Science and Engineering	
Courses Taught at Under Graduate Level		
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences		
Total No. of Papers Published in National/International Conferences		
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	


Name	Sneha Chalisgaonkar	
Date of Birth		
Employee ID		
Educational Qualification	Msc (Chemistry)	
Work Experience (Teaching)		
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Chemistry	
Courses Taught at Under Graduate Level		
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences		
Total No. of Papers Published in National/International Conferences		
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	


Name	Priyanka Tathe	
Date of Birth		
Employee ID		
Educational Qualification	M. Sc (Mathematics)	
Work Experience (Teaching)		
Work Experience (Research)	-	
Work Experience (Industry)	-	
Work Experience (Others)	-	
Area of Specialization	Mathematics	
Courses Taught at Under Graduate Level		
Courses Taught at Post Graduate Level	-	
Total No. of Papers Published in National/International Conferences		
Total No. of Papers Published in National/International Conferences		
Total No. of Research Guidance (to Master's Level)	-	
Total No. of Research Guidance (for Ph. D.)	--	
Total No. of Projects Carried Out	-	
Total No. of Patents	-	
Technology Transfer	-	
No. of Books Published with Details	-	

## DEPARTMENT OF MECHANICAL ENGINEERING

Name	Dr. Sanjaykumar C. Makwana	
Date of Birth	11-06-1966	
Unique ID		
Education Qualifications	M.E (PT&M), Phd	
Work Experience		
Teaching	31 Years	
Research		
Industry	4 Years	
Others		
Area of Specialization	CAD-CAM, Robotics, CIM	
Courses taught at		
Under Graduate	Automation Engineering, Robotics, CIM	
Post Graduate	-	
Research guidance	-	
No. of papers published in National/ International	13	
Journals/Conferences		
Master		
Ph.D.		
Projects Carried out		
Patents	01 filed	
Technology Transfer	-	
Research Publications	06	
No. of Books published with details	-	


Name	Dr. Sanjay S. Paraskar	
Date of Birth	29-10-1963	
Unique ID		
Education Qualifications	ME (PT &M), Phd	
Work Experience	33 Years	
Teaching		
Research		
Industry		
Others		
Area of Specialization	Engg. Graphics & IMC	
Courses taught at	Industrial Management & Costing	
Under Graduate		
Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	6	
Master		
Ph.D.		
Projects Carried out		
Patents		
Technology Transfer		
Research Publications		
No. of Books published with details		


Name	Dr. Sanjay K. Patil	
Date of Birth	26-06-1965	
Unique ID		
Education Qualifications	PhD, M.E (PT&M)	
Work Experience		
Teaching	36 Years	
Research		
Industry		
Others		
Area of Specialization	Hydraulics & Pneumatics	
Courses taught at	ORT, Measurement System	
Under Graduate		
Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	20	
Master		
Ph.D.		
Projects Carried out		
Patents	2 Published	
Technology Transfer		
Research Publications		
No. of Books published with details		


Name	SANJAY R. MALPANI	
Date of Birth	02-01-1967	
Unique ID		
Education Qualifications	B. TEXT.ENG.	
Work Experience		
• Teaching	27 YEARS	
• Research	7	
• Industry		
• Others		
Area of Specialization	CHEMICAL PROCESSING	
Courses taught at	COMMUNICATION SKILL	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	5	
• Master	-	
• Ph.D.	-	
Projects Carried out	-	
Patents	Nil	
Technology Transfer	-	
Research Publications	5	
No. of Books published with details	Nil	




Name	Dr. Jyoti Vijay Shegokar	
Date of Birth	25-11-1983	
Unique ID		
Education Qualifications	M.Sc., B.Ed., M.Phil., Ph.D. etc.	
Work Experience	15 years	
· Teaching		
· Research		
· Industry		
· Others		
Area of Specialization	Heterocyclic compounds	
Courses taught at		
· Under Graduate	Engineering Chemistry	
· Post Graduate		
Research guidance		
· No of papers published in National/ International Journals/Conferences	9	
· Master		
· Ph.D.		
Projects Carried out		
Patents		
Technology Transfer		
Research Publications	12	
No. of Books published with details		


Name	Dr. Pankaj S. Ardak	
Date of Birth	26-09-1978	
Unique ID	1-766820010	
Education Qualifications	B.E., M.E., PhD Production Engineering	
Work Experience	19	
• Teaching	16	
• Research	-----	
• Industry	3	
• Others	-----	
Area of Specialization	Design Thinking, Production Engineering	
Courses taught at		
• Under Graduate	EG, TOM I & II, MOM, CSE.	
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	National:	
	International: 16	
	Conferences: 10	
	National – 01	
	International- 09	
• Master	Production Engineering	
• Ph.D.	Production Engineering	
Projects Carried out		
Patents	4	
Technology Transfer		
Research Publications	19	
No. of Books published with details	-----	

Name	Prof. S. P. Dhomane	
Date of Birth	21-02-1974	
Unique ID		
Education Qualifications	M.E. (P T&M)	
Work Experience		
Teaching	20 Years	
Research		
Industry		
Others		
Area of Specialization	Production Technology & Management	
Courses taught at	Fluid Mechanics, Metrology & Quality Control, Engg. Metallurgy	
Under Graduate		
Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	5	
Master		
Ph.D.		
Projects Carried out		
Patents		
Technology Transfer		
Research Publications		
No. of Books published with details		

<b>Name</b>	<b>Prof. S.R. Thakare</b>	
Date of Birth	27-07-1983	
Unique ID		
Education Qualifications	M.E. (P T&M)	
Work Experience		
Teaching	14Years	
Research		
Industry		
Others		
Area of Specialization	Machine Design & Production Technology	
Courses taught at	Mechanics Of Material	
Under Graduate	Productivity Techniques	
Post Graduate	Control System Engineering	
	Design of Machine Element	
Research guidance		
No. of papers published in National/ International Journals/Conferences	6	
Master		
Ph.D.		
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	


Name	Prof. M. R. Pundkar	
Date of Birth	09-09-1986	
Unique ID	-	
Education Qualifications	BE Mechanical	
	M.Tech (CAD-CAM)	
	PhD (pursuing)	
Work Experience		
Teaching	12 Years	
Research	03 Years	
Industry	Nil	
Others	-	
Area of Specialization	Theory of Machine, CIM	
Courses taught at	Kinematics of Machine, Dynamics of Machine, Energy Conversion, CIM, Fluid Mechanics	
Under Graduate		
Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	07	
Master	-	
Ph.D.	-	
Projects Carried out	For UG Course	
Patents	-	
Technology Transfer	-	
Research Publications	07	
No. of Books published with details	Nil	


<b>Name</b>	<b>Prof. A B. Khedkar</b>	
Date of Birth	20-02-1982	
Unique ID		
Education Qualifications	M.E. Design	
Work Experience		
Teaching	15 Years	
Research	-	
Industry	-	
Others	-	
Area of Specialization	Machine Design & Thermal Engineering	
Courses taught at	Thermal Engineering	
Under Graduate	Heat Transfer, I C Engine, Energy Conservation, Engineering Drawing, Theory of Machine, Strength of Material	
Post Graduate	-	
Research guidance	0	
No. of papers published in National/ International Journals/Conferences	2	
Master		
Ph.D.		
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	2	
No. of Books published with details	-	


Name	Amar Sanjayrao Tolmare	
Date of Birth	03-08-1994	
Unique ID	282924967979	
Education Qualifications	Master of Engineering	
Work Experience	3	
Teaching	11 Month	
Research	NA	
Industry	NA	
Others	2 years	
Area of Specialization		
Courses taught at		
Under Graduate	Mechanical engineering	
Post Graduate	Thermal Engineering	
Research guidance		
No. of papers published in National/ International Journals/Conferences	National:	
	International: 02 (Paper)(IJAITE)	
	Conferences:	
	National –	
	International-	
Master	-	
Ph.D.	-	
Projects Carried out	Solar Dryers & it's evaluation.	
Patents	NA	
Technology Transfer	NA	
Research Publications	NA	
No. of Books published with details		

<b>Name</b>	Prof. Ashwini Gawande	
Date of Birth		
Unique ID		
Education Qualifications	BE (Production) ME (CAD/CAM)	
Work Experience		
Teaching	1	
Research	-	
Industry	-	
Others	-	
Area of Specialization	CAD/CAM	
Courses taught at		
Under Graduate	CAD/CAM	
Post Graduate	-	
Research guidance	0	
No. of papers published in National/ International Journals/Conferences	-	
Master		
Ph.D.		
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	





Name	Prof. Rahul M. Phuke	
Date of Birth	17-09-1967	
Unique ID	COETA035	
Education Qualifications	M.E. (Structures), B.E. ( Civil )	
Work Experience		
• Teaching	29 Years	
• Research	NIL	
• Industry	NIL	
• Others	NIL	
Area of Specialization	Structural Engineering	
Courses taught at		
• Under Graduate	UG Structural Analysis –I & II RCC & Prestressed Concrete- Strength of Materials	
• Post Graduate	Theory of Elasticity -PG	
Research guidance	Nil	
• No. of papers published in National/ International Journals/Conferences	2	
• Master	3	
• Ph.D.	NIL	
Projects Carried out	NIL	
Patents	NIL	
Technology Transfer	NIL	
Research Publications	NIL	
No. of Books published with details	NIL	


Name	Dr. Abhinandan R. Gupta	
Date of Birth	29-05-1982	
Unique ID	1-7398408280	
Education Qualifications	PhD, M.E (Struct, Engg),	
	M in ACM (NICMAR), MBA	
Work Experience		
· Teaching	13 years	
· Research	7 years	
· Industry	1 year	
· Others	--	
Area of Specialization	Sustainable Civil , Structural Engg,	
	Construction Mgmt.	
Courses taught at	UG- Adv. EQ Analysis, PPM, PG- SD, TPS, FEM, MMSA	
· Under Graduate	PhD- Research Methodology.	
· Post Graduate		
Research guidance	Yes – Registered Supervisor,	
	candidates enrolled.	
· No. of papers published in National/ International Journals/Conferences	112	
· Master	Several students enrolled for Dissertation – 56 completed	
· Ph.D.	4 candidates enrolled	
Projects Carried out	MODROB- Civil Lab Development	
Patents	-	
Technology Transfer	-	
Research Publications	112	
No. of Books published with details	6	


Name	Aditi H. Deshmukh	
Date of Birth		
Unique ID		
Education Qualifications	M.E. Structures	
Work Experience		
• Teaching	15	
• Research		
• Industry		
• Others		
Area of Specialization		
Courses taught at		
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences		
• Master		
• Ph.D.		
Projects Carried out		
Patents	Nil	
Technology Transfer	Nil	
Research Publications		
No. of Books published with details	Nil	

Name	Prof. Rahul K.Watile	
Date of Birth	10-07-1981	
Unique ID		
Education Qualifications	M. Tech. Strucutres	
Work Experience		
• Teaching	17	
• Research		
• Industry		
• Others		
Area of Specialization	Structures	
Courses taught at	Mechanics, CTRCC, ADRCC, ADSS, DRPCS	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	25	
• Master	M.Tech	
• Ph.D.	Pursuing	
Projects Carried out		
Patents	Nil	
Technology Transfer	Nil	
Research Publications		
No. of Books published with details	Nil	


Name	Amit S. Gawande	
Date of Birth	30-06-1977	
Unique ID		
Education Qualifications	MTech Strustures	
Work Experience	23	
· Teaching	17	
· Research		
· Industry	6	
· Others		
Area of Specialization	Structural Engg.	
Courses taught at	Engg. Mechanics, DSS,ADSS, SA-II	
· Under Graduate		
· Post Graduate		
Research guidance	M.E.	
· No. of papers published in National/ International Journals/Conferences	12	
· Master	08 Students	
· Ph.D.	.	
Projects Carried out		
Patents	Nil	
Technology Transfer	Nil	
Research Publications		
No. of Books published with details	01 Engg. Mechanics Book	

Name	Prof. Purushottam Mahadevrao Raut	
Date of Birth	28-06-1982	
Unique ID	54	
Education Qualifications	B.E. Civil, M.E. Civil (Env.Engg.)	
Work Experience		
• Teaching	16 years 6 months	
• Research		
• Industry	1 year 6 months	
• Others	MPCB Project Coordinator, Head Maintenance Section	
Area of Specialization	Environmental Engineering	
Courses taught at		
• Under Graduate	Geotechnical Engg. Env. Engg.	
• Post Graduate		
Research guidance		
No. of papers published in National/ International Journals/Conferences	3	
• Master	M.E. Civil (Env.Engg.)	
• Ph.D.		
Projects Carried out	MPCB Project	
Patents	NIL	
Technology Transfer	NIL	
Research Publications	NIL	
No. of Books published with details	NIL	


Name	Prof. G. R. Bharsakle	
Date of Birth	30-11-1965	
Unique ID		
Education Qualifications	M.E. Structures	
Work Experience		
• Teaching	15	
• Research		
• Industry		
• Others		
Area of Specialization	Structural Engg.	
Courses taught at	SOM, FM1, FM2, AS1,AS2	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	4	
• Master		
• Ph.D.		
Projects Carried out		
Patents	Nil	
Technology Transfer	Nil	
Research Publications	4	
No. of Books published with details	Nil	


Name	Dr. Anand Tryambakrao Tathod	
Date of Birth	17-Feb-81	
Unique ID	4.68622E+11	
Education Qualifications	PhD., M. E. Env. Engg. B. E., DCE.	
Work Experience		
• Teaching	15years & 6onths	
• Research	03years	
• Industry	03years & 6 month	
• Others		
Area of Specialization	Environmental Engineering	
Courses taught at	Environment Engg-I & II, BC &Engg. Geology, TRE, AWT	
• Under Graduate		
• Post Graduate		
Research guidance	NIL	
• No. of papers published in National/ International Journals/Conferences	18	
• Master	M.E. Environmental Engg. From North Maharashtra University, Jalgaon	
• Ph.D.	Effects of vehicular air pollution on human health and it's assessment in Akola city	
Projects Carried out		
Patents	Nil	
Technology Transfer	Nil	
Research Publications	2	
No. of Books published with details	Nil	




Name	Prof. Aditya S. Gangane	
Date of Birth	02-06-1992	
Unique ID	90	
Education Qualifications	M.E., PGDUPDL	
Work Experience		
• Teaching	05.5 Years	
• Research		
• Industry		
• Others		
Area of Specialization	Construction Management, Building Planning	
Courses taught at	BP&CAD, NMCP, WRE II, CTRCC,C.S., EST&CSTNG, AS I.	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	15	
• Master		
• Ph.D.		
Projects Carried out	Nil	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	15	
No. of Books published with details		

Name	Prof. Dushyant Anantrao Zamre	
Date of Birth	03-01-1990	
Unique ID	134	
Education Qualifications	M.E. (Structural Engg.)	
Work Experience	09 Years 6 months	
• Teaching	9.5 Years	
• Research	---	
• Industry	3 months	
• Others	---	
Area of Specialization	Structural Engineering	
Courses taught at	Engineering Mechanics, Strength of Materials (SOM), TRE I & II, Advanced Earthquake Engineering (AEE), Theory of Structures (TOS) I & II, Reinforced Cement Concrete (RCC) I & II, Architectural Structures (AS)I, II, IV & VI, (TQM-MIS), Quantity Surveying Contracts and Tendering (QSCT).	
• Under Graduate		
• Post Graduate		
Research guidance		
• No. of papers published in National/ International Journals/Conferences	National – 02	
	International - 08	
• Master	Nil	
• Ph.D.	Nil	
Projects Carried out	13 (UG guided projects)	
Patents	Nil	
Technology Transfer	Nil	
Research Publications	(IJRASET-2015), (IJPARET-2014) , (IJPARET-2015)	
	(IJSART March 2018) (IJRASET 2019) (IJRASET 2020) (IJIIRD 2022)	
No. of Books published with details	Nil	

Name	Prof. P. R. Peshwe	
Date of Birth	02-10-1995	
Unique ID		
Education Qualifications	M.E. (Structural Engineering)	
Work Experience		
• Teaching	1 years	
• Research	-	
• Industry	-	
• Others	-	
Area of Specialization	-	
Courses taught at	Engineering Mechanics	
• Under Graduate		
• Post Graduate		
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences	2	
• Master	-	
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	2	
No. of Books published with details	-	


Name	Dr Devyani R Manekar (Raut)	
Date of Birth	30-11-1987	
Unique ID		
Education Qualifications	M. Sc. Ph.D (Mathematics)	
Work Experience		
• Teaching	11 years	
• Research	-	
• Industry	-	
• Others	-	
Area of Specialization	“Qualitative Analysis Of Cosmological Models In Scalar Tensor Theory Of Gravitation With Kinematical Test”	
Courses taught at	Engineering Mathematics- (M1, M2, M3, M4)	
• Under Graduate	Numerical Method and Computer Programming (NMCP)	
• Post Graduate		
Research guidance	-	
• No. of papers published in National/ International Journals/Conferences	5	
• Master	-	
• Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	5	
No. of Books published with details	-	

Name	Vaishnavi Nitin Wankhade	
Date of Birth	19-05-1998	
Unique ID		
Education Qualifications	M.tech. (Structure)	
Work Experience		
• Teaching	1 year	
• Research	----	
• Industry	----	
• Others	----	
Area of Specialization		
Courses taught at	Surveying, Surveying & Geomatics, Hydraulics, Environmental management, Architectural structure-I	
• Under Graduate		
Research guidance		
• No. of papers published in National/	National:	
International	International: 02	
Journals/Conferences	Conferences:	
	National –	
	International-	
• Master	---	
• Ph.D.	---	
Projects Carried out	---	
Patents	---	
Technology Transfer	---	
Research Publications	---	
No. of Books published with	---	
details		


Name	Prof. Ashvini Mahale	
Date of Birth		
Unique ID		
Education Qualifications		
Work Experience		
• Teaching	--	
• Research	----	
• Industry	----	
• Others	----	
Area of Specialization		
Courses taught at		
• Under Graduate		
Research guidance		
• No. of papers published in National/	National:	
International	International:	
Journals/Conferences	Conferences:	
	National :	
	International:	
• Master	---	
• Ph.D.	---	
Projects Carried out	---	
Patents	---	
Technology Transfer	---	
Research Publications	---	
No. of Books published with	---	
details		


Name	Prof. Charuhas Kulat	
Date of Birth		
Unique ID	--	
Education Qualifications		
Work Experience		
· Teaching	-	
· Research	----	
· Industry	----	
· Others	----	
Area of Specialization		
Courses taught at		
· Under Graduate		
Research guidance		
· No. of papers published in National/	National:	
International	International:	
Journals/Conferences	Conferences:	
	National:	
	International:	
· Master	---	
· Ph.D.	---	
Projects Carried out	---	
Patents	---	
Technology Transfer	---	
Research Publications	---	
No. of Books published with	---	
details		


## BACHELOR OF ARCHITECTURE


Name	Dr. Sudhir V. Dhomane	
Date of Birth	05-05-1967	
Unique ID	319796761943	
Education Qualifications	Ph. D, M. Tech. B. Arch.	
Work Experience		
· Teaching	30	
· Research	9	
· Industry	5	
· Others	--	
Area of Specialization	Urban planning	
Courses taught at UG Course	Architecture design, urban planning, Landscape design, Working drawing, housing	
Research guidance	FOR U.G. courses	
No. of papers published in National/ International Journals/Conferences	8	
· Master	Town & Country Planning	
· Ph.D.	Architecture & Planning	
Projects Carried out	--	
Patents	--	
Technology Transfer	--	
Research Publications	--	
No. of Books published with details	--	





Name	Ar. Dilip L. Jade	
Date of Birth	18-08-1962	
Unique ID	337544096633	
Education Qualifications	B. Arch	
Work Experience	36 Year	
• Teaching	36 Years	
• Research		
• Industry	Campus Design , Industrial Buildings , Spinning Mills, Tourism , Sport Complexes , Hospitality Design	
• Others	-	
Area of Specialization	Architecture	
Courses taught at	UG- Architectural Design, Interior Design ,History, Acoustics & Illumination, Architecture , Interior , Integrated Projects	
Research guidance	Final Year B. Arch Thesis Project	
• No. of papers published in National/ International Journals/Conferences	CIMA National Conference, Delhi	
• Master	-	
• Ph.D.	-	
Projects Carried out	112 Construction Projects - Residential Buildings ,Sport Complex , Memorials Etc	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	


Name	Prof. R. M. Shambharkar	
Date of Birth	08-07-1963	
Unique ID	989780968793	
Education Qualifications	UG.: B.Arch; LL.B.; PG.: M.Tech., M.I.R.P.M	
Work Experience		
• Teaching	34Year	
• Research		
• Industry		
• Others	25Year	
Area of Specialization	Urban Planning; Personnel Management	
Courses taught at	Adv. Const., Arch. Design; App. Climatology, Climate Responsive Architecture	
Research guidance	FINAL YEAR B. ARCH THESIS PROJECT	
• No. of papers published in National/ International Journals/Conferences	National 06	
• Master	Urban Planning; Personnel Management	
• Ph.D.	--	
Projects Carried out	-	
Patents	-	
Technology Transfer	-	
Research Publications	-	
No. of Books published with details	-	


Name	Jayant Gajananrao Ingole	
Date of Birth	03-12-1968	
Unique ID	---	
Education Qualifications	M.Arch.	
Work Experience		
• Teaching	30 Years	
• Research	----	
• Industry	25 Years	
• Others	-----	
Area of Specialization	General	
Courses taught at	A.D. BMC. Spec. Est & Cost. Arch. Graphic	
• Under Graduate		
• Post Graduate		
Research guidance	Nil	
• No. of papers published in National/ International Journals/Conferences	8	
• Master	Architecture	
• Ph.D.	---	
Projects Carried out	---	
Patents	----	
Technology Transfer	---	
Research Publications	---	
No. of Books published with details	---	

Name	AR. MALINI O. NATHE	
Date of Birth	30-01-1972	
Unique ID	451579639922	
Education Qualifications	M. ARCH, B. ARCH	
Work Experience	25 YEARS	
• Teaching	18 YEARS	
• Research		
• Industry		
• Others		
Area of Specialization	ARCHITECTURE	
Courses taught	UG- Architecture- Architectural Design, Building Materials & Construction, Theory of Architecture, Environmental Services, Visual Arts, Modeling Workshop, Applied Materials	
Research guidance	FINAL YEAR B. ARCH.THESIS	
• No. of papers published in National/ International Journals/Conferences	TWO	
• Master	ARCHITECTURE	
• Ph.D.		
Projects Carried out		
Patents		
Technology Transfer		
Research Publications		
No. of Books published with details		

Name	Anand Avinash Pande	
Date of Birth	09-09-1983	
Unique ID	2294 3758 8849	
Education Qualifications	B. Arch., M. Tech. Urban Planning	
Work Experience		
· Teaching	15	
· Research		
· Industry	2	
· Others, Professional	14	
Area of Specialization	Urban Planning	
Courses taught at · Under Graduate · Post Graduate	Architecture Design-VII & VIII, Professional Practice, Building Material & Construction-I & II, Architectural Graphics-I, Sustainable Architecture,	
Research guidance	B. Arch. Tenth Sem Students	
· No. of papers published in National/ International Journals/Conferences	1	
· Master	Urban Planning	
· Ph.D.	-	
Projects Carried out	-	
Patents	-	
Technology Transfer	Low-Cost Techniques, through Unnat Bharat Abhiyan at Madhapuri Village, Akola.	
Research Publications	-	
No. of Books published with details	-	

Name	GULFAM SHAIKH	
Date of Birth	09-11-1993	
Unique ID	827813616464	
Education Qualifications	B. ARCH, M. ARCH (URBAN DESIGN)	
Work Experience	5 YEARS	
· Teaching	4 YEARS	
· Research		
· Industry	5 YEARS	
· Others		
Area of Specialization	URBAN DESIGN	
Courses taught	Building Services And Equipment, Acoustic And Illumination, History of Architecture, Architecture Design Studio, Advance Building Construction	
Research guidance	ARCHITECTURE - FINAL YEAR THESIS	
· No. of papers published in National/ International Journals/Conferences	-	
· Master	URBAN DESIGN	
· Ph.D.	--	
Projects Carried out		
Patents		
Technology Transfer		
Research Publications		
No. of Books published with details		

Name	Prof. Saiyam Sanjay Chaturvedi	
Date of Birth	01-08-1995	
Unique ID	-	
Education Qualifications	Master of Architecture _ Urban design	
Work Experience		
Teaching	2.5 years	
Research	NA	
Industry	8 years	
Others	1 year	
Area of Specialization	Urban design	
Courses taught at	History of Architecture, Climate Responsive Architecture, Architectural	
Research guidance		
•No. of papers published in National/ International Journals/Conferences	National: 1	
	International: NA	
	Conferences: 12	
	National – 12	
	International- NA	
• Master	Master of Architecture _ Urban Design	
• Ph.D.	NA	
Projects Carried out	10	
Patents	NA	
Technology Transfer	NA	
Research Publications	1	
No. of Books published with details	NA	

Name	Radhika Rajesh Raut	
Date of Birth	16.04.1997	
Unique ID		
Education Qualifications	M. Arch (Urban Design)	
Work Experience		
• Teaching	6 Months	
• Research		
• Industry	2 Years	
• Others		
Area of Specialization	Urban Design	
Courses taught at <ul style="list-style-type: none"> <li>Under Graduate</li> </ul>	Architectural Graphics Illustrated Climatology Urban Planning Landscape Design Architectural Design Interior Design	
Research guidance		
• No. of papers published in National/ International Journals/Conferences	National: International: Conferences: National – International-	
• Master		
• Ph.D.		
Projects Carried out		
Patents		
Technology Transfer		
Research Publications		
No. of Books published with details		



## 9. Fee

- Details of fee, as approved by State Fee Committee, for the Institution

Sr. No.	Academic Year	Tuition Fees	Development Fees	Total Fees (Including exam fee etc.)
<b>*U.G. – Engineering</b>				
1	2021-2022	93582	11418	107871
2	2022-2023	93582	11418	108051
3	2023-2024	93420	13080	109611
<b>*U.G. –Architecture</b>				
1	2021-2022	100714	12286	116004
2	2022-2023	100714	12286	116184
3	2023-2024	92139	13361	108744
<b>*P.G. – M.E. / M.Tech.</b>				
1	2021-2022	81106	9894	93209
2	2022-2023	81106	9894	93369
3	2023-2024	79477	11523	93424



**Fee Approved by Fees Regulating Authority, Maharashtra for Academic Year 2023-24**

Sr. No.	Inst ID	Inst Name	District	Stream	Status	Date of Meeting	Tuition Fee	Development Fee	Total Fee
1	EN1116	SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S COLLEGE OF ENGINEERING AND TECHNOLOGY, AKOLA	Akola	ENGG	Approved	21-07-2023	93420	13080	106500
2	EN1278	MANAV SCHOOL OF ENGINEERING AND TECHNOLOGY, AKOLA	Akola	ENGG	Approved	06-07-2023	52174	7826	60000

### Fees Search for Institute

Select Institute Type	H&T
Select Sub Type	HE/MTech
Select District	Akola

Get Report

### Fee Approved by Fees Regulating Authority, Maharashtra for Academic Year 2023-24

Sr. No.	Inst ID	Inst Name	District	Stream	Status	Date of Meeting	Tuition Fee	Development Fee	Total Fee
1	ENT008	SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI'S COLLEGE OF ENGINEERING AND TECHNOLOGY, AKOLA	Akola	ME	Approved	21-07-2023	79477	11523	91000

- **Time schedule for payment of Fee for the entire Programme**

: As per DTE/ CAP Notification

- **No. of Fee waivers granted with amount and name of students (TFWS)**

: 13 Students and Total amount (Rs): 1214460 for Year 2023-24

Sr. No.	Name of Students	Branch
1	Dhankani Sujal Sunil	Civil Engineering
2	Shrivastav Disha Umesh	Civil Engineering
3	Jadhav Manish Vinod	Mechanical Engineering
4	Junghare Nikhil Rajesh	Mechanical Engineering
5	Bhakare Prathmesh Ganesh	Chemical Engineering
6	Mohammad Taufique Mohammad Sohail	Chemical Engineering
7	Pande Kartik Vinod	Chemical Engineering
8	Ghorad Pranav Sunil	Computer Engineering
9	Pawsale Dhanshri Ravindra	Computer Engineering
10	Zatale Ishwari Santosh	Computer Engineering
11	Rahil Shaikh Abdul Habib	Computer Engineering
12	Tiwari Aditi Anil	Computer Engineering
13	Bhusare Shivani Shyam	Computer Engineering

- **Number of scholarships offered by the Institution, duration and amount**

: Institute offers Dr. Panjabrao Deshmukh Scholarship up to Rs. 30000 per year for economically background students other than State government Scholarships.

- **Criteria for Fee waivers/scholarship**

: As per CAP rules (TFWS)

- **Estimated cost of Boarding and Lodging in Hostels**

: Hostel fee: Rs. 21000 / Year

## 10. Admission

### i) Seat sanctioned with year of approval

Programmes	Level	Course	No. of Seats Approved 2023-24
Engineering Technology	Under Graduate	Computer Science & Engineering	120
		Mechanical Engineering	60
		Civil Engineering	60
		Chemical Engineering	60
		Architecture	40
	Post Graduate	ME, Civil Engineering (Structural)	18
		M.Tech (Chemical Engineering)	18

### ii) Students Admitted under various Categories each year in the Last Three Year

Year	Open	OBC	SC	ST	NT	DTVJ	SBC	Maratha	Muslim	Total
<b>B.E. Computer Science and Engineering (UG)</b>										
2021-22	14	55	28	0	15	8	0	-	13	133
2022-23	27	63	26	0	14	02	03	-	0	135
2023-24	27	69	15	0	10	04	03	-	07	135
<b>B.E. Civil Engineering (UG)</b>										
2021-22	4	12	12	2	4	0	0	-	03	37
2022-23	13	16	07	0	09	01	0	-	0	46
2023-24	06	12	09	02	04	03	0	-	04	40
<b>B.E. Chemical Engineering (UG)</b>										
2021-22	02	04	05	0	03	01	0	-	02	17

2022-23	09	13	14	0	02	02	03	-	0	43
2023-24	06	29	12	0	04	01	02	-	2	58
<b>B.E. Mechanical Engineering (UG)</b>										
2021-22	0	02	03	0	0	01	0	-	0	6
2022-23	03	14	10	0	05	0	02	-	0	34
2023-24	0	11	16	0	05	01	0	-	02	37
<b>B. Arch. Architecture (UG)</b>										
2021-22	02	03	01	01	02	0	0	-	0	09
2022-23	04	06	02	0	0	0	0	-	0	12
2023-24	01	03	02	01	0	0	0	-	01	08
<b>M.E. Structural (PG)</b>										
2021-22	08	02	08	0	0	0	0	-	0	18
2022-23	06	01	07	01	0	01	0	-	0	16
2023-24	05	02	03	01	01	0	0	-	0	12
<b>M. Tech Chemical (PG)</b>										
2021-22	0	03	05	0	0	0	0	-	0	08
2022-23	02	0	01	0	0	0	0	-	0	03
2023-24	01	0	02	0	0	0	0	-	0	03

**iii) Application received during last year for Admission under Management Quota and Admitted under Management Quota**

: NIL (Management quota was surrendered by the Institute for academic session 2017-18 & onwards)

## 11. Admission Procedure

**• Mention the admission test being followed, name and address of the Test Agency and its URL (website):**

Admissions to B.E./M.E./M. Tech Courses of the institute are done as per the norms and guidelines of State Common Entrance Test Cell, Maharashtra State through Centralized Admission Process (CAP). 100% Seats are filled through Centralized Admission Process, Tuition Fee Waiver Scheme Seats (TFWS- 5% of Sanctioned Intake per branch) & Economically Weaker Scheme (EWS - 10 % Sanction Intake per branch) are available at our Institute. Against CAP vacancies are filled at institute level as per the guidelines of DTE and CET cell of Maharashtra.

All these admissions are strictly on merit score issued by DTE Mumbai and accordingly to Quota for different reservation category as decided by DTE Mumbai.

Test Agency/State Admission Authorities and its URL (website):

<https://cetcell.mahacet.org/>

<https://fe2023.mahacet.org/StaticPages/HomePage>

The procedure adopted for the Centralized Admission Process- candidates seeking admission to Engineering/Technology courses are required to appear for MHT-CET / JEE Mains conducted by the Competent Authority

- **Number of seats allotted to different Test Qualified candidate separately**  
CET exam – 85% and JEE -15%
- **Calendar for admission against Management/vacant seats:**  
Not Applicable since all admissions through management quota is surrendered and filled it through CAP.

## 12. **Criteria and Weightages for Admission:**

Criteria and weightages for admission to First Year Engineering Courses as per entrance Examination conducted by State Government Rules and Caste categories wise Weightage metrics. As per the norms of Director of Technical Education, Maharashtra State Mumbai, the eligibility criteria for securing admission in first year engineering, Architecture & Direct second year are;

### **For Admission to First Year B.E.**

The candidate should be an Indian National & should have pass HSC or Equivalent examination with mini. 50% marks i.e. 150 marks out of 300 (45% i.e. 135 marks out of 300 marks for Backward class category of Maharashtra State & Physically handicapped candidates) in the Physics, Chemistry & Mathematics or Physics, Biology/ Biochemistry/ other vocational subjects and Math's added together & obtained non zero score in MHT- CET-2021 examination for Maharashtra state candidate. For all India seats (15%) obtained ranking in JEE main for Engineering / Technology or Positive score of JEE Main Examination conducted by CBSE Board at all India Level.

### **For Admission to Direct Second Year B.E.**

The Candidate should have passed Post- SSC or Post – HSC Diploma course in Engineering / Technology with 50% marks (Backward Class Category require 45% Marks). OR B. Sc. Degree\* from UGC / Assoc. of Indian Universities with minimum 50% marks for open category & 45% for reserved category. Also passed HSC with English as Medium of Instruction and Math's as a subject is also eligible for the admission to direct second Year **B.E.**

*\*B.Sc. Degree candidate will be considered after Diploma stream candidates; they are required to pass the subject of Engineering Graphics/ Engineering Drawing & Engineering Mechanics along with second year subjects.*

### **For Admission to First Year B. Arch.**

The Candidate should have passed with aggregate 50% marks (Backward Class Category require 45% Marks) in H.S.C. and equivalent examination with English as medium of instruction and obtained minimum 35% i.e. 70 marks out of 200 in NATA conducted by Council of Architecture, New Delhi. For all India seats (15%) obtained ranking in JEE main (Paper –II) for Engineering / Technology conducted by CBSE Board at all India Level.

### **For Admission to First Year M.E./ M. Tech.**

The Candidate should have an Indian National possessing Bachelor's Degree or equivalent in the relevant field of Engineering/Tech. from an AICTE approved institution, as specified by the concerned University for which admission is being sought to a particular PG course / Specialization with at least aggregate 50 % marks (Backward Class Category & person with disability belongs to Maharashtra state require 45% Marks)

**OR**

Appeared for the final year examination of Bachelor's Degree in the relevant field of Engg. / Tech. from an AICTE / MHRD approved institution, as specified by the concerned University for which admission is being sought to a particular PG course / Specialization.

**AND**

Has valid GATE score in GATE-2022 , 2023 or positive GATE score in GATE-2023

**Separate Brochure of Admission process, documents require & Eligible Criteria is available on WEB SITE: <https://cetcell.mahacet.org/cet/>**

### **13. List of Applicants (for Management Quota)**

- List of candidates whose applications have been received along with percentile/percentages: Handle by Maharashtra Government admission authority
- **List of candidates who has applied along with percentage and percentile score for Management quota seats (merit wise):**
  - NIL (Management quota was surrendered by the Institute for academic session 2017-18 & onwards)
  - Admission is done as per Government Rules and their admission schedule.

### **14. Results of Admission Under Management Seats/Vacant Seat**

- Not Applicable.
- Composition of selection team for admission under Management Quota with the brief profile of members: Nil Since all admission quota under management quota are surrendered to filled it through CAP admission i.e. 100% admissions through Govt. CAP process.
- List of candidates who has been offered admission: Not Applicable
- Waiting list of the candidate in order of merit to be operative from the last date of joining of the first list candidate: Not Applicable

## 15. Information of Infrastructure and Other Resources Available

### A) Details of Land

Sr. No.	Document No.	Date of Registration	Plot No.	Address (village) Dist.	Area in acres
1	2729	22.05.98	Gutt No.73	N.H.No.6, Babhulgaon (Jh), Akola, Dist. Akola	9 Acres 32 unthas

### B) Instructional Area

Level	Room Id/Name	Room Type	Area of Room in sqm	Building Name	Readiness of Flooring	Readiness of Wall & Painting	Readiness of Electrification & Lighting	Readiness of Furniture/Fixtures
POST GRADUATE	CEC-3	Classroom	77.32	BLOCK C	Ready	Ready	Ready	Ready
POST GRADUATE	CHEC4	Classroom	67.08	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	CSEPGCR	Classroom	77.32	Main Building	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEC-1	Classroom	77.32	MAIN BUILDING	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEC-2	Classroom	77.32	MAIN BUILDING	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEC1	Classroom	68.31	BLOCK C	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEC2	Classroom	67.2	BLOCK C	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEC3	Classroom	68.31	BLOCK C	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEC-4	Classroom	71.25	BLOCK A	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEC1	Classroom	68.3	BLOCK C	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEC2	Classroom	67.2	BLOCK c	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEC3	Classroom	68.31	BLOCK C	Ready	Ready	Ready	Ready
UNDER GRADUATE	ITC1	Classroom	77.32	Main building	Ready	Ready	Ready	Ready
UNDER GRADUATE	ITC2	Classroom	77.32	Main buliding	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH C-1	Classroom	77.32	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH C-2	Classroom	77.32	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	SMART CLASS 1	Classroom	66	Main Building	Ready	Ready	Ready	Ready
POST GRADUATE	CET2	Tutorial Room	60	MAIN BUILDING	Ready	Ready	Ready	Ready
POST GRADUATE	CHET-2	Tutorial Room	60	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	CSEPGT	Tutorial Room	77.32	Main Building	Ready	Ready	Ready	Ready

UNDER GRADUATE	CET1	Tutorial Room	58.2	WS	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHET-1	Tutorial Room	46.86	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE-T1	Tutorial Room	71.25	BLOCKA	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE-T2	Tutorial Room	66.86	MANI BUILDING	Ready	Ready	Ready	Ready
UNDER GRADUATE	IT TR	Tutorial Room	66	Main building	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH T	Tutorial Room	77.32	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	CEL/ME9	Laboratory	67.52	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	CHEL-1 PG	Laboratory	180	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	CHEL-4	Laboratory	85.6	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL-6	Laboratory	177	Workshop	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL1	Laboratory	66.1	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL2	Laboratory	66.1	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL3	Laboratory	84	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL4	Laboratory	70	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL5	Laboratory	73.3	Main Block	Ready	Ready	Ready	Ready
UNDER GRADUATE	CEL8	Laboratory	66	WS	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEL-2	Laboratory	100	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEL-3	Laboratory	66	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CHEL6	Laboratory	177	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE-L2	Laboratory	66.5	Block A	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE-L3	Laboratory	140	Block A	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE-L4	Laboratory	250	BLOCK-A	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEL-1	Laboratory	66.5	BLOCK A	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEL-5	Laboratory	98	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEL6	Laboratory	100	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSEL7	Laboratory	100	Main Block	Ready	Ready	Ready	Ready
UNDER GRADUATE	CSE PGL	Laboratory	66	Main Building	Ready	Ready	Ready	Ready
UNDER GRADUATE	FYL-1	Laboratory	66.7	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	FYL-3	Laboratory	130	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	FYL-4	Laboratory	106	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	FYL2	Laboratory	66	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	FYL5	Laboratory	66	Main Building	Ready	Ready	Ready	Ready



UNDER GRADUATE	ITL-1	Laboratory	66	Main Building	Ready	Ready	Ready	Not Ready
UNDER GRADUATE	ITL-2	Laboratory	66	Main building	Ready	Ready	Ready	Not Ready
UNDER GRADUATE	ITL-3	Laboratory	66	Main Building	Ready	Ready	Ready	Not Ready
UNDER GRADUATE	ITL-4	Laboratory	66	Main Building	Not Ready	Not Ready	Not Ready	Not Ready
UNDER GRADUATE	ITL-5	Laboratory	70.5	Workshop area	Ready	Ready	Not Ready	Not Ready
UNDER GRADUATE	ITL-6	Laboratory	70.5	Workshope	Ready	Ready	Not Ready	Not Ready
UNDER GRADUATE	MECH L-1	Laboratory	82	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-2	Laboratory	77.4	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-3	Laboratory	96	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-4	Laboratory	72	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-5	Laboratory	66	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-6	Laboratory	96	MAIN BLOCK	Ready	Ready	Ready	Ready
UNDER GRADUATE	MECH L-7	Laboratory	66	WS	Ready	Ready	Ready	Ready
POST GRADUATE	CHEL-5	Research Laboratory	113	MAIN BLOCK	Ready	Ready	Ready	Ready
POST GRADUATE	RL	Research Laboratory	98	MAIN BUILDING	Ready	Ready	Ready	Ready
UNDER GRADUATE	WS	Workshop	212	WS	Ready	Ready	Ready	Ready
UNDER GRADUATE	MPHALL	Other	150	main building	Ready	Ready	Ready	Ready
UNDER GRADUATE	SH	Seminar Hall	154	MAIN BUILDING	Ready	Ready	Ready	Ready
<b>Total</b>			<b>5798.05</b>					

### C) Common Instructional

Room Id/Name	Room Type	Area of Room in sqm	Building Name	Readiness of Flooring	Readiness of Wall & Painting	Readiness of Electrification & Lighting	Readiness of Furniture/Fix tures
CC1	Computer Centre	160	MAIN BLOCK	Ready	Ready	Ready	Ready
CLIB1	Library &Reading Room	677	MAIN BLOCK	Ready	Ready	Ready	Ready
LL	Language Laboratory	66	MAIN BLOCK	Ready	Ready	Ready	Ready
	Total	903					

**Total Instructional Area (INA) : 6746.05 + 903 =7649.05 Sqm.**

## D) Amenities

	Room Type	Area in sqm	Building Name	Readiness of Flooring	Readiness of Wall & Painting	Readiness of Electrification & Lighting	Readiness of Furniture/ Fixtures
AUDH	Auditorium	390	Block C	Ready	Ready	Ready	Ready
BCR	Boys Common Room	140	WORKSHOP	Ready	Ready	Ready	Ready
BH	Boys' Hostel	400	CITY	Ready	Ready	Ready	Ready
CF	Cafeteria	160	WORKSHOP	Ready	Ready	Ready	Ready
FAR-1	First aid cum Sick Room	21	Main Block	Ready	Ready	Ready	Ready
GCR-1	Girls Common Room	37.6	MAIN BLOCK	Ready	Ready	Ready	Ready
GCR-2	Girls Common Room	130	Canteen area	Ready	Ready	Ready	Ready
GH	Girls' Hostel	200	CITY	Ready	Ready	Ready	Ready
GS	Guest House	145	MAIN BLOCK	Ready	Ready	Ready	Ready
Sts	Stationary Store	21	MAIN BLOCK	Ready	Ready	Ready	Ready
SPC	Sports Club	90	MAIN BLOCK	Ready	Ready	Ready	Ready
TOI-1	Toilet	17.22	MAINBLOCK	Ready	Ready	Ready	Ready
TOIG3	Toilet	18.17	MAIN BLOCK	Ready	Ready	Ready	Ready
TOIGA	Toilet	27.5	BLOCK A	Ready	Ready	Ready	Ready
TOIGC	Toilet	10.35	MAIN BLOCK	Ready	Ready	Ready	Ready
TOIL1	Toilet	16.12	MAIN BLOCK	Ready	Ready	Ready	Ready
TOIL2	Toilet	16.12	MAIN BLOCK	Ready	Ready	Ready	Ready
TOIL3	Toilet	16.12	MAIN BLOCK	Ready	Ready	Ready	Ready
TOIPC	Toilet	7.52	MAIN BLOCK	Ready	Ready	Ready	Ready
	<b>Total Amenities Area</b>	<b>1863.72</b>					

**Total Amenities Area (AMA): 1782.72 Sqm.**

## E) Administrative:

Room Id/Name	Room Type	Area in sqm	Building Name	Readiness of Flooring	Readiness of Wall & Painting	Readiness of Electrification & Lighting	Readiness of Furniture/ Fixtures
BR	Board Room	68.31	Main Block	Ready	Ready	Ready	Ready
C101	Placement Office	56	BLOCK C	Ready	Ready	Ready	Ready
CDS	Central Store	30	MAIN BLOCK	Ready	Ready	Ready	Ready
CE DO	Department Office	20	EN-1	Ready	Ready	Ready	Ready
CE-HOD	Cabin for Head of Dept	23.28	MAIN BLOCK	Ready	Ready	Ready	Ready
CE-SR1	Faculty Room	11.52	MAIN BLOCK	Ready	Ready	Ready	Ready
CE-SR6	Faculty Room	21.96	MAIN BLOCK	Ready	Ready	Ready	Ready

CE-SR7	Faculty Room	8	MAIN BLOCK	Ready	Ready	Ready	Ready
CE-SR8	Faculty Room	5.1	MAIN BLOCK	Ready	Ready	Ready	Ready
CESR23	Faculty Room	13.8	MAIN BLOCK	Ready	Ready	Ready	Ready
CESR45	Faculty Room	16.55	MAIN BLOCK	Ready	Ready	Ready	Ready
CF-1	Office All Inclusive	34.82	MAIN BLOCK	Ready	Ready	Ready	Ready
CHE-HO	Cabin for Head of Dept	13.12	MAIN BLOCK	Ready	Ready	Ready	Ready
CHEDO	Department Office	21	Main Block	Ready	Ready	Ready	Ready
CHESR1	Faculty Room	8.91	MAIN BLOCK	Ready	Ready	Ready	Ready
CHESR2	Faculty Room	9.45	MAIN BLOCK	Ready	Ready	Ready	Ready
CHESR3	Faculty Room	13.2	MAIN BLOCK	Ready	Ready	Ready	Ready
CHESR4	Faculty Room	9.98	MAIN BLOCK	Ready	Ready	Ready	Ready
CSE-HO	Cabin for Head of Dept	11.1	MAIN BLOCK	Ready	Ready	Ready	Ready
CSEDO	Department Office	20	Main Block	Ready	Ready	Ready	Ready
CSESR1	Faculty Room	33.25	MAIN BLOCK	Ready	Ready	Ready	Ready
CSESR2	Faculty Room	32.34	MAIN BLOCK	Ready	Ready	Ready	Ready
DST1	Other	16.56	MAIN BLOCK	Ready	Ready	Ready	Ready
ECR-1	Office All Inclusive	35.88	MAIN BLOCK	Ready	Ready	Ready	Ready
ECR-2	Office All Inclusive	16.32	MAIN BLOCK	Ready	Ready	Ready	Ready
ECR-3	Office All Inclusive	22.79	MAIN BLOCK	Ready	Ready	Ready	Ready
EXR	Exam Control Office	56	MAIN BLOCK	Ready	Ready	Ready	Ready
FY EE	Cabin for Head of Dept	16.32	MAIN BLOCK	Ready	Ready	Ready	Ready
FY-HOD	Cabin for Head of Dept	14	MAIN BLOCK	Ready	Ready	Ready	Ready
FYMHOD	Cabin for Head of Dept	20.9	MAIN BLOCK	Ready	Ready	Ready	Ready
FYPH	Cabin for Head of Dept	10	MAIN BLOCK	Ready	Ready	Ready	Ready
FYSR2	Faculty Room	11.52	MAIN BLOCK	Ready	Ready	Ready	Ready
HK1	Housekeeping	11.7	MAIN BLOCK	Ready	Ready	Ready	Ready
MECDO	Department Office	25	Main Block	Ready	Ready	Ready	Ready
MECH H	Cabin for Head of Dept	26.95	MAIN BLOCK	Ready	Ready	Ready	Ready
MNT1	Maintenance	16	MAIN BLOCK	Ready	Ready	Ready	Ready
MSR-7	Faculty Room	30.22	MAIN BLOCK	Ready	Ready	Ready	Ready
MSR1&2	Faculty Room	11.56	MAIN BLOCK	Ready	Ready	Ready	Ready
MSR3&4	Faculty Room	14	MAIN BLOCK	Ready	Ready	Ready	Ready
MSR5	Faculty Room	17.22	MAIN BLOCK	Ready	Ready	Ready	Ready
MSR6	Faculty Room	10.5	MAIN BLOCK	Ready	Ready	Ready	Ready
NSS-1	Other Office	9	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-1	Principal Directors Office	36.38	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-10	Office All Inclusive	16.2	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-11	Department Office	21	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-2	Pantry for Staff	10	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-3	Office All Inclusive	9.64	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-4	Office All Inclusive	47.47	MAIN BLOCK	Ready	Ready	Ready	Ready

OF-5	Office All Inclusive	5	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-6	Office All Inclusive	58.85	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-7	Office All Inclusive	36.85	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-8	Office All Inclusive	13.73	MAIN BLOCK	Ready	Ready	Ready	Ready
OF-9	Office All Inclusive	80.37	MAIN BLOCK	Ready	Ready	Ready	Ready
RL HOD	Cabin for Head of Dept	13.94	MAIN BLOCK	Ready	Ready	Ready	Ready
SEC	Security	12	MAIN BLOCK ENTRANCE	Ready	Ready	Ready	Ready
SR	Faculty Room	10.56	MAIN BLOCK	Ready	Ready	Ready	Ready
SR-1	Faculty Room	7.43	MAIN BLOCK	Ready	Ready	Ready	Ready
SR2	Faculty Room	15.75	MAIN BLOCK	Ready	Ready	Ready	Ready
SR3FR	Faculty Room	24.36	MAIN BLOCK	Ready	Ready	Ready	Ready
SR4FR	Faculty Room	12.18	MAIN BLOCK	Ready	Ready	Ready	Ready
SR5FR	Faculty Room	8.16	MAIN BLOCK	Ready	Ready	Ready	Ready
WS-1C	Faculty Room	12	MAIN BLOCK	Ready	Ready	Ready	Ready
WS1	Faculty Room	13.2	MAIN BLOCK	Ready	Ready	Ready	Ready
WS10A	Faculty Room	12.29	MAIN BLOCK	Ready	Ready	Ready	Ready
WS2	Faculty Room	14.08	MAIN BLOCK	Ready	Ready	Ready	Ready
<b>Total</b>		<b>1365.57</b>					

**Total Administrative Area (ADA) : 1361.97 Sqm.**

#### **F) Total Circulation Area**

<b>Sr. No.</b>	<b>Room Type</b>	<b>Area of Room in sqm</b>
1	Corridors	2850.6
2	Other Area	1109
3	Othe Common Area	1000
	<b>Total</b>	<b>4959.6</b>

- **Barrier free Environment for disabled and elderly persons: Yes**
- **Occupancy Certificate: Yes**
- **Fire and Safety Certificate: Yes**
- **Hostel Facilities: Yes**

**G) Library Details:**

From Accession Number 36971 To 37235 (from April 2023 to Jan 2024)

<b>Courses</b>	<b>No. of Title of the Books</b>	<b>No. of Volumes</b>	<b>Cost (Rs)</b>
Mechanical Engineering	20	20	1105=00
Chemical Engineering	1	10	2500=00
Civil Engineering	3	7	6330=00
Computer Science & Engineering	1	10	9200=00
Science & Humanities	15	36	17833=50
B. Arch	69	182	101855=00
<b>Total</b>	<b>109</b>	<b>265</b>	<b>138824=00</b>

**Details of Books and Bound Vol. Course wise**

<b>COURSES</b>	<b>No. of Title of The Books</b>	<b>No. of Volumes</b>	<b>COST (Rs)</b>
Mechanical Engineering	2437	7942	26,23,036=50
Chemical Engineering	1630	6907	27,16,685=00
Civil Engineering	1914	6275	23,93,499=00
Computer Science & Engineering	1268	7733	32,39,512=20
B. Arch	2269	3623	42,77,286=56
Science & Humanities	3214	8300	25,05,851=40
*Bound Volumes			19,08,246=00
<b>Total</b>	<b>12732</b>	<b>40780</b>	<b>1,96,64,116=70</b>

\*The cost of the bound volumes not included in course Total. The titles & volumes are included

## LIST OF JOURNALS

### Civil Engineering –: 2023-2024

Sr. No.	Name of Journals	Period	Subscription
1	Journal of Sustainable Construction Engineering and Project Management	Jan 2023 to Dec 2023	2500=00
2	Journal of Earthquake Science and Soil Dynamics Engineering	Jan 2023 to Dec 2023	2500=00
3	Journal of Construction and Building Materials Engineering	Jan 2023 to Dec 2023	2500=00
4	Journal of Recent Activities in Infrastructure Science	Jan 2023 to Dec 2023	2500=00
5	Indian Journal of Civil and Structural Engineering	Jan 2023 to Dec 2023	3000=00
6	Water & Energy International Journal	Jan 2023 to Dec 2023	2400=00
	<b>Total</b>		<b>15400=00</b>

### Chemical Engineering –: 2023-2024

Sr. No.	Name of Journals	Period	Subscription
1	Chemical industry digest	Jan 2023 to Dec 2023	1650=00
2	Chemical weekly	Jan 2023 to Dec 2023	1800=00
3	International Journal of Chemical Research and Development	Jan 2023 to Dec 2023	2500=00
4	International Journal of Chemical and Biological Sciences	Jan 2023 to Dec2023	2500=00
5	International Journal of Chemical & Material Science	Jan 2023 to Dec2023	2500=00
6	International Journal of Chemical Engineering	Jan 2023 to Dec 2023	3000=00
7	Indian Journal of Chemical Technology	Jan 2023 to Dec 2023	2560=00
8	Indian Journal of Engineering & Materials Science	Jan 2023 to Dec 2023	2560=00
	<b>Total</b>		<b>19070=00</b>

### Computer Engineering –: 2023-2024

Sr. No.	Name of Journals	Period	Subscription
1	Research and Application of Web Development and Design	Jan 2023 to Dec 2023	2500=00
2	Journal of Advancement in Software Engineering and Testing	Jan 2023 to Dec 2023	2500=00
3	Advanced Innovation in Computer Programming Languages	Jan 2023 to Dec 2023	2500=00
4	Recent Trends in Computer Graphics and Multimedia Technology	Jan 2023 to Dec 2023	2500=00
5	Journal of Advance Research in mobile Computing	Jan 2023 to Dec 2023	2500=00
6	Recent Trends in Cloud Computing and Web Engineering	Jan 2023 to Dec 2023	2500=00
7	Journal of Computer Science Engineering and Software Testing	Jan 2023 to Dec 2023	2500=00
8	Research & Review Machine Learning and Cloud Computing	Jan 2023 to Dec 2023	2500=00
9	Journal of Innovation in Data Science and Big Data Management	Jan 2023 to Dec 2023	2500=00
10	Journal of IoT Security and Smart Technologies	Jan 2023 to Dec 2023	2500=00
11	Advancement of IoT in Blockchain Technology and its Applications	Jan 2023 to Dec 2023	2500=00
12	Journal of Cyber Security in Computer System	Jan 2023 to Dec 2023	2500=00
13	Journal of Cyber Security Privacy Issues and Challenges	Jan 2023 to Dec 2023	2500=00
14	Indian Journal of Mobile Communication & Networks	Jan 2023 to Dec 2023	3000=00
15	Indian Journal of Advances in Computer Science and Technology	Jan 2023 to Dec 2023	3000=00
16	Indian Journal of Computer Science in Higher Education	Jan 2023 to Dec 2023	3000=00
17	Indian Journal of Data Mining & Warehouse	Jan 2023 to Dec 2023	3000=00
	<b>Total</b>		44500=00

### **Mechanical Engineering –: 2023-2024**

<b>Sr. No.</b>	<b>Name of Journals</b>	<b>Period</b>	<b>Subscription</b>
1	Recent Trends in Production Engineering	Jan 2023 to Dec 2023	2500=00
2	Journal of Automation and Automobile Engineering	Jan 2023 to Dec 2023	2500=00
3	Journals of Mechatronics Machine Design and Manufacturing	Jan 2023 to Dec 2023	2500=00
4	Journal of Alternative and Renewable Energy Sources	Jan 2023 to Dec 2023	2500=00
5	International Journal of Product and Quality Engineering	Jan 2023 to Dec 2023	3000=00
6	Advancement in Mechanical Engineering and Technology	Jan 2023 to Dec 2023	2500=00
	<b>Total</b>		15500=00

### **Applied Science –: 2023-2024**

<b>Sr. No.</b>	<b>Name of Journals</b>	<b>Period</b>	<b>Subscription</b>
1	Indian Journal of Pure & Applied physics	Jan 2023 to Dec 2023	5120=00
2	Indian Journal of Chemistry	Jan 2023 to Dec 2023	7360=00
	<b>Total</b>		<b>12480=00</b>



### Architecture –: 2023-2024

Sr. No.	Name of Journals	Period	Subscription
1	Architectural Record	April 2022 to March 2023	16650=00
2	Architectural Review	Sep 2022 to Aug 2023	24880=00
3	Jnl of Indian Institute of Architecture	Aug 2022 to July 2023	1500=00
4	Research & Review; Journal of Architecture Designing	Jan 2023 to Dec 2023	2500=00
5	International Journal of Sustainable Building Technology	Jan 2023 to Dec 2023	3500=00
6	International Journal of Town Planning and Architecture	Jan 2023 to Dec 2023	3500=00
7	Journal of Urban Planning and Development	Jan 2023 to Dec 2023	3000=00
8	International Journal of Housing and Human Settlement Planning	Jan 2023 to Dec 2023	3500=00
9	International Journal of Landscape Planning and Architecture	Jan 2023 to Dec 2023	3500=00
	<b>Total</b>		<b>19500=00</b>

### LIST OF JOURNALS: 2023-2024

COURSES	NATIONAL	INTERNATIONAL	SUBSCRIPTIONS (Rs)
Civil Engineering	05	01	15,400=00
Chemical Engineering	04	04	19,070=00
Mechanical Engineering	05	01	15,500=00
Computer Engineering	17	-	44,500=00
Science& Humanities	02	-	12,480=00
Architecture	02	04	19500=00
<b>Total</b>	<b>35</b>	<b>10</b>	<b>126450=00</b>

Sr. No.	E-Subscription Details (2023-2024)
1	EBSCOhost-eBook Engineering Core Collection Rs. 78888=00 For the Period 01 March 2023 To 29 Feb 2024 Total no. of e-books= 7220
2	DELNET Membership: Rs. 13570=00 For the Period 28-08-2022 To 27-08-2023
<b>Total</b>	<b>Rs. 92458=00</b>

Sr. No.	E-Subscription Details (2024-2025)
1	EBSCOhost-eBook Engineering Core Collection Rs. 81884=00 For the Period 01 March 2024 To 29 Feb 2025 Total no. of e-books= 7220
2	DELNET Membership: Rs. 13570=00 For the Period 28-08-2023 To 27-08-2024
<b>Total</b>	<b>Rs. 95454=00</b>

#### H) Laboratory and Workshop

- **ARCHITECTURE**

List of Major Equipment and facilities	
1	Drawing Boards, Stools, Student Lockers, Display Boards- in Studios for studio work
2	Computers in Computer Lab
3	Separate Departmental Library
4	Archive section of B.Arch. Thesis Report from 1988 to till date

List of Experimental Setup in each Laboratory / Workshop		
Lab 1 Name	1	Computer Lab
	2	Climatology Lab
	-3	Akshar- The printing Station
Lab 2 Name	1	Workshop
	2	Details of Wooden Joineries
	3	Metal Jobs

- CHEMICAL ENGINEERING**

List of Experimental Setup in each Laboratory / Workshop		
Lab 1: Process Instrumentation Laboratory	1	Measurement of temperature using thermocouple or RTD or Thermistor and to find their characteristics.
	2	Measurement of high temperature using radiation or Optical pyrometer.
	3	Measurement of pressure using LVDT or Strain gauge transducer
	4	Calibration of pressure gauge using Dead Weight Tester.
	5	Measurement of level using air purge or capacitance type level detector
	6	Measurement of flow using magnetic flow meter or Ultrasonic flow meter.
	7	Estimation of viscosity by Redwood/ Ostwald viscometer
	8	Calibration of Conductivity meter.
Lab 2: Fluid Flow Operation	1	To obtain the coefficient of discharge for the given Venturi meter and obtain its relationship with Reynolds' no.
	2	To calibrate the given Rotameter
	3	To obtain the coefficient of discharge for the given orifice meter and obtain its relationship with Reynolds' no.
	4	To study the flow and determine critical Reynolds no
	5	To determine the discharge co-efficient of the given v-notch

	6	To verify the Bernoulli's theorem
	7	To determine the viscosity of the given liquids using Stoke's law.
	8	To determine relation between friction factor and Reynolds number for the given flowing fluid through circular pipe.
	9	To determine the resistance offered by various pipe fittings and express them in terms of equipment straight pipe length.
Lab 3: Chemical Engineering Thermodynamics	1	Critical solution temperature of phenol water system.
	2	Critical solution temperature of phenol water system in presence of impurity like NaCl.
	3	Critical solution temperature of phenol water system in presence of impurity like succinic acid.
	4	Determination of boiling point elevation in presence of impurity.
	5	Determination of freezing point depression in presence of impurity.
	6	Study of T-X-Y Diagram.
	7	Lowering of vapour pressure.
	8	Study of boiling point diagram.
	9	Study of ternary diagram.
Lab 4: Chemical Engineering Operation – I Lab (Mech. Operation)	1	To study the performance of Ball Mill and find out its crushing efficiency.
	2	To study the performance of Jaw Crusher and find out its crushing efficiency.
	3	To study the performance of Crushing Rolls and find out its crushing efficiency.
	4	To study the settling characteristics (Free & Hindered settling) of a given suspension of particles.
	5	To study the filtration characteristics of rotary vacuum filter.
	6	To study the filtration characteristics of Plate and frame filter press.
	7	To study the filtration characteristics of Leaf and sparkle filter.
	8	To carry out differential and cumulative screen analysis of given sample of solid particles.
	9	To determine energy consumption and crushing law constants for jaw crusher.
	10	To determine Critical speed of Ball mill & Average particle size of the product obtained in ball mill, OR Average particle size of product obtained in Bhrustone mill.

	11	To determine area of batch thickener by conducting batch sedimentation test.
	12	To determine efficiency of Cyclone separator.
	13	To Determine Variation of size reduction in ball Mill by changing the residence time, size of grinding medium and material of grinding medium.
Lab 5: Mass Transfer	1	To prepare boiling point (B.P.) diagram and plot x-y data on the equilibrium diagram.
	2	Verification of Rayleigh's equation for differential (Batch) distillation.
	3	To construct equilibrium curve from vapour liquid equilibrium (VLE) data.
	4	To find the composition of distillate and residue after distilling n-butanol-methyl alcohol mixture by simple distillation.
	5	To determine vaporization efficiency and thermal efficiency in case of steam distillation.
	6	To construct a ternary diagram for acetic acid-water-benzene system.
	7	To study the performance of sieve tray extraction column and compare it with packed column (or spray column).
	8	To find out number of stages in multistage continuous counter current operation and in single stage multiple contact of operation for solid liquid extraction (Leaching).
	9	To compare single stage with two stage cross current liquid-liquid extraction with partially miscible solvent.
	10	To compare single stage with two stage cross current extraction for a system in which solvents are immiscible.
Lab 6: Chemical Reaction Engineering	1	To determine the rate constant of saponification of ethyl acetate characterized by an acid like HCL.
	2	To determine the activation energy of hydrolysis of an ester such as ethyl acetate.
	3	To determine the kinetic of reaction between ethyl acetate and sodium hydroxide at room temperature using differential method of analysis.
	4	To determine the kinetics of reaction between ethyl acetate and sodium hydroxide at room temperature by integral method.
	5	Show that the decomposition of H <sub>2</sub> O <sub>2</sub> in aqueous solution as first order reaction and determine value of rate constant.
	6	To determine void volume porosity of catalyst particle.
	7	To determine the RTD curve for packed bed reactor.
	8	To determine the RTD curve for PFR.
	9	To determine the RTD curve for mixed flow reactor.
	10	Verification of performance equation of batch reactor.

Lab 7: Process Dynamics & Control	1	Sketch the response of the first order system for impulse change.
	2	To find the response of a bare measuring thermometer. c) +ve step change d) -ve step change.
	3	To find the response of mercury thermometer (kept in a thermal cell) for bare thermometer) +ve step change d)-ve step change.
	4	To study underdamped response of manometer fluid with pressure change function.
	5	To study the response of non-interacting system, use in two tanks for step change in flowrate.
	6	To study the response level in one tank c) step change d) impulse change.
	7	To verify efficiency of transportation lag when coupled with first order system.
	8	To study a liquid level on-off controller.
	9	To study the temperature control system.
	10	To study the temperature control system.
	11	To measure liquid level by bubbler system.
Lab 8: Computer Programing & Application	1	Design an Algorithm, draw a flow chart and write program to perform addition, Subtraction, multiplication and division of two numbers by taking two values from users.
	2	Algorithm for solving quadratic equations (For root of)
	3	Program for solving ordinary differential equation with initial value of Euler's Method.
	4	To find value of unknown of simultaneous by Gauss Elimination Method.
	5	To find roots of equation using bisection method.
	6	Algorithm for Regula Falsi Method
	7	Find the roots of equation by Newton Raphson's METHOD
	8	Program for modified Newton Raphson's method.
	9	Design Algorithm for Regression.
	10	Algorithm for print grades of students using if-else statement.
	11	Design algorithm and flow chart for Runge-Kutta method.
	12	Design algorithm and flow chart to find greatest and smallest element.
Lab 9: Heat Transfer	1	Heat conduction
	2	Natural convection
	3	Thermal radiation-determination of emissivity
	4	Double pipe heat exchanger

5	Shell and tube heat exchanger
6	Plate Heat exchanger
7	Heat transfer in agitated vessels
8	Double effect evaporator
9	Open pan evaporator
10	Heat pipe demonstrator
11	Fluidized bed heat transfer

• **COMPUTER SCIENCE AND ENGINEERING**

List of Major Equipment and facilities	
	<b>Computer Labs-</b>
	<b>(LABS - A-201, A-202, A-301(A), 301(B), 301(C)-</b>
	Personal computers, Printers, High speed internet, Wi-Fi access points, Servers
	<b>IoT lab -</b>
	Arduino Uno, Arduino Mega ESP32 wifi+ble, RPi Zero W Rpi 3B+, MSP430Development Board STM32F4 Nucleo Board, ARM7 Development Board – LPC2148 PIC Development Board - PIC18F4455 8051 Development Kit - C8051F340 Nvidia Jetson Mini - nano 2GB with power supply and SD Card Nvidia Jetson Mini - nano 4GB with power supply and SD Card Esplora Arduino Development Board Arduino MKR Wifi Development Board Arduino Nano Development Board IOT Trainer Kit - Cortex-M4
	<b>Electronics Lab-</b>
	RO (Cathode Ray Oscilloscope) Power Supply Function Generator Digital Multimeter Ab-01 Diode Characteristics

AB-04 Transistor characteristics-CE-npn  
 AB-02 Transistor characteristics-CB-npn  
 AB-08 FET characteristics  
 AB-09 Rectifier circuit  
 AB-31 Zener voltage regulator  
 AB-32 Transistor series voltage regulator  
 DB-03 EXOR gate implementation  
 DB-08 Binary adder-subtractor  
 DB-11 Flipflop  
 DB-16 Digital to Analog converter  
 DB-22 Analog to digital converter  
 DB-28 Monostable multivibrator  
 DB-30 Adder subtractor  
 DB-33 Parity generator

#### List of Experimental Setup in each Laboratory / Workshop

Lab 1:	.	Aim
Practical C-skill LAB-II	1	Introduction to Static and Dynamic web development
	2	Design a page having suitable background color and text color with title "I am in Section A" using attributes of the Font tag – font face and font color. Display 5 sentences in different font and color, size same.
	3	Create a HTML document giving details of [ HTML], [PHP] and [JAVA] aligned in left, center and right order using alignment attributes of Paragraph tag. Display 3 paragraphs
	4	Write HTML code to design a page containing some text regarding JavaScript in a 2 paragraphs by giving suitable heading style, use font monotype corsiva and font color blue, choose suitable font size.
	5	Write HTML code to create a Web Page that contains 2 images, left and right aligned respectively and a paragraph center aligned.
	6	Create a web page with some text towards the left-hand side of the page, when user clicks on the text another web page should open showing an image.
	7	Create a web page with green color background and text in red color. Display moving message split in two lines "Welcome to COETA" (from right to left) and "Department of CSE" (moving up). The message should be divided in 2 lines with different size and different font.
	8	Create a web page, showing an ordered list of 5 browser names with attribute Lower-Case Numerals and center aligned to web page. Use background color



		as light yellow and text color as black.
	9	Create table in HTML with Dummy Data having following fields: Train no., Name of train, Time of arrival in Akola, and Seats available. Create table for 5 trains. Give column titles and center align the table on web page.
	10	Create a web page using HTML which divides the page in 3 equal frames and place the image, audio clip and video clip in frame-1, frame-2 and frame-3 respectively.
	11	Design a timetable and display it in tabular format using HTML. Style the table using CSS.
	12	Create your profile page i.e. educational details and Hobbies <ul style="list-style-type: none"> <li>• Step 1: Create Educational_Details.html page.</li> <li>• Step 2: Create Hobbies.html page.</li> <li>• Step 3: Create links of above two html pages in Link.html page.</li> </ul> Style the home page and two linked pages separately using external CSS.
	13	Introduction to PHP
	14	Create a form using PHP
	15	Create a web application that takes name and age from an HTML page. If the age is less than 18, it should send a page with "Hello <name>, you are not authorized to visit the site" message, where <name> should be replaced with the entered name. Otherwise, it should send "Welcome <name> to this site" message using PHP code.
	16	Write a program to enter TWO numbers and print the Swap Numbers using PHP
	17	Write a program to do PHP Functions – Adding parameters.
	18	Write a PHP Script to find out the Sum of the Individual Digits of a given number.
	19	Check whether the given number is Palindrome or not using PHP code.
	20	Create a simple calculator web application that takes 2 numbers and an operator (+, -, *, /) from an HTML page and returns the result page with the operation performed on the operands using PHP.
LAB 2: Database lab	1	To study relational database management system and entity relationship diagram.
	2	Introduction to SQL and data definition language.
	3	To write a command for inserting data into table.
	4	To execute basic select queries SQL.
	5	Write SQL queries to implement aggregate function.
	6	Write SQL queries to implement group by having clause set.
	7	Write SQL query to modify the structure of table.
	8	Write SQL queries to create a view.
	9	Write SQL query to create sequence.

	10	Write SQL query to create trigger.
LAB 3: Software Engineeri ng Lab	1	To study software development life cycle.
	2	Design a class diagram for floor plan.
	3	Modeling use case diagram for hotel management.
	4	Design state chart and activity diagram for online order.
	5	To develop sequence diagram for an emotion based music player.
	6	Modeling dataflow diagram for railway reservation system.
	7	Design ER diagram for banking system.
	8	Write test cases for ATM Machine.
LAB 4: Compiler Design lab	1	Implement a C program to check parenthesis of regular expression is balanced or not.
	2	Program to check valid 'c' language identifier.
	3	Program for lexical analyzer which produces tokens for given expression.
	4	Program to count lines, blank spaces and characters in given input file.
	5	Program to check whether given string is keyword or not.
	6	Program code generator.
	7	Program for number system using Lex.
	8	Program for word recognizer using Lex.
	9	Program for word count, character count, line count using Lex.
	10	Program for simple desk calculator using YACC.
	11	Program for lexical analyzer which produces tokens for given expression using Lex.
LAB 5: Operating System Lab	1	Program for multithreading in java.
	2	Program for FCFS scheduling algorithm.
	3	Program for SJF scheduling algorithm.
	4	Program for Round Robin scheduling algorithm.
	5	Program for Banker's safety algorithm.
	6	Program for static memory allocation using first fit.
	7	Program for FIFO page replacement algorithm.
	8	Program for FCFS disk scheduling.
	9	Program For File Management.
	10	Program for Directory management.

LAB 6: Microproc essor And Assembly Language Programm ing LAB	1	To study how to operate M86-02 8086-based microprocessor kit.
	2	Program for addition of two 8-bit numbers.
	3	Program for subtraction of two 8-bit numbers.
	4	Program for addition of two 16-bit numbers with carry.
	5	Program for subtraction of two 16-bit numbers.
	6	Program for multiplication of two 8-bit numbers.
	7	Program for block transfer.
	8	Program to separate even numbers from a given list of numbers.
	9	Program to find largest number in a given list of numbers.
	10	Program to demonstrate logical group instructions.
	11	Program to find factorial of given number.
	12	To study procedure and macros.
	13	To study DOS and BIOS interrupts.

#### • CIVIL ENGINEERING

List of Major Equipment and facilities	
1	UTM – with software
2	CTM – wit software
3	NDT – (Rebound Hammer)
4	Total Station (Surveying)
5	Standard Penetration Test (SPT)

List of Experimental Setup in each Laboratory / Workshop		
SOM Lab (Material Testing)		Tension Test on Metals, Compression Test, Shear Test, Impact Test, Hardness Test, Deflection Test on Beams, Modulus of rupture Test
Environment Engg. LAB		Turbidity of Water Sample, Ph Value, Total Solids, T&P Hardness, Acidity & Alkalinity, Residual chlorine, COD, BOD, DO, Chloride, Sulphate, Color & Odor, SVI, SPM, Noise Measurement Etc.
CAD Lab		Auto –Cad, C-Programming,
CT-RCC Lab		Tests On Cement – Fineness, Soundness, consistency, setting Time, Compressive Strength, Test On Aggregates – Sieve Analysis, Buckling Of Sand, Silting of Sand, Test On Concrete- Slump Cone Test, Mix Design

Transportation Lab		Los Angeles Value, Abrasion Value, Impact Value, Crushing Value, Flakiness & Elongation Index, Viscosity of Bituminous, Softening Point, Ductility
FM Lab		Bernoulli's Theorem, Discharge for Venturi meter, Reynold's Number, Metacentric Height, Rectangular Notch, Triangular Notch, Chazy's Constant, Hydraulic Jump Etc.
GTE Lab		Specific Gravity, water Content, field Density, sieve Analysis, Atterberg's limits, compaction Test, Permeability Test, Shear Test, CBR Test, Consolidation Test, SPT Test, In-Situ Vane Shear Test, Electrical Resistivity
Surveying Lab		Chain Tape & EDM, RL, Profile & Cross Section, Bearing with Prismatic Compass, Chain & Compass Travelling, Detection – Correction of Bearing, Theodolite, plane Table Surveying, Total Station
Geology Lab		Study Of All Types of Rocks & Minerals
Research Lab (M.E.)		Ultrasonic Pulse Velocity Meter Test, Rebound Hammer Test

• **MECHANICAL ENGINEERING**

List of Major Equipment and facilities	
1	Universal Vibration Apparatus
2	Petrol Engine Test Rig
3	Diesel Engine Test Rig
4	Vapor Compression Refrigeration Test Rig

List of Experimental Setup in each Laboratory / Workshop		
Manufacturing Processes Lab	1	Study of safety precautions in workshop practices.
	2	Foundary:- Any two of the following jobs Sand preparation and practice in moulding of various types of patterns:- Pattern making - one job, Moulding - one job Casting - one job.
	3	Joining Processes: Two composite jobs involving electric welding, gas welding and resistance welding process.
	4	One job on Mechanical Working of Metals like piercing / drawing / bending/ embossing/ spinning/ upsetting, etc.
Mechanics of Materials Lab	1	Tension test on metals.
	2	Compression test on materials.

	3	Shear test on metals.
	4	Impact test on metals.
	5	Deflection of beams.
	6	Modulus of rupture test.
Fluid Mechanics-lab.	1	Measurement of fluid pressure by manometer.
	2	Determination of metacentric height.
	3	Verification of Bernoulli's equation.
	4	Determination of co-efficient discharge by Venturi meter.
	5	Calculation of Reynolds number for Laminar & Turbulent flow.
	6	Determination of co-efficient of friction (Major losses in Pipes) through pipe.
	7	Determination of head loss due to sudden enlargement.
	8	Determination of head loss due to sudden contraction.
	9	Determination of loss of head in bends & in elbows.
Manufacturing Technology-lab	1	Demonstration of operations related to lathe, shaper, slotter, drilling & grinding m/cs.
	2	One job on lathe covering taper turning and threading.
	3	One job on shaping covering plane and inclined surfaces.
Material Science-lab	1	Study of metallurgical microscope.
	2	Preparation of specimen for micro-examination.
	3	Moulding of specimen for micro-examination.
	4	Study of micro structures of Annealed and normalized plain carbon steels.
	5	Study of micro structures of alloy steels and H.S.S.
	6	Study of micro structures of various cast irons.
	7	Study of micro structures of nonferrous metals (brasses, bronzes)
	8	Study of micro structures of hardened and tempered steels.
	9	Study of Iron carbon Equilibrium diagram & Allotropic forms of iron
	10	Study different Heat Treatment Process for steel.
	11	Study of different surface Hardening processes for steels.
	12	Study of effect of alloying elements on the properties of steels.
Hydraulic & Pneumatic Systems-lab	1	Trial/Study of Pelton wheel
	2	Trial/Study of Francis Turbine
	3	Trial/Study of centrifugal pump
	4	Trial/Study of reciprocating pump
	5	Trial/Study of hydraulic ram
	6	Trial/Study of multistage pump
	7	Trial/Study of Gear pump
Heat Transfer-lab.	1	Determination of thermal conductivity of a metal bar.
	2	Determination of thermal conductivity of insulating powder.
	3	Study of heat transfer through composite wall.
	4	Study of heat transfer through composite cylinders.
	5	Determination of fin efficiency.
	6	Verification of Stefan-Boltzman's law.

	7	Determination of emissivity of grey body.
	8	Determination of heat transfer coefficient for forced convection.
	9	Determination of heat transfer coefficient for natural convection.
	10	Study of pool & nucleate boiling.
	11	Trial on double pipe heat exchanger.
	12	Determination of efficiency of cross flow heat exchanger.
Metrology & Quality Control- lab.	1	Determination of Linear dimensions of a given specimen/part using Precision/Non-Precision Measuring instruments.
	2	Determination of Angular Measurement using Precision/Non-Precision Measuring instruments.
	3	Measurement of Gear Tooth Thickness by Gear Tooth Vernier Caliper/Constant Chord/Span Micrometer.
	4	Measurement of Circularity/Roundness of a given specimen.
	5	Measurement of Screw Thread Element by Floating Carriage Micrometer.
	6	Measurements of various angles of single point cutting tool by using Profile Projector and Tool Maker's Microscope.
Kinematics of Machines- lab.	1	To Study, Analyze and drawing of inversions of four bar mechanism to identify the types and number of links, types of motion and its mode of fixing arrangement for the required application.
	2	To Study and analyze of inversions of slider crank mechanism using working models and graphical representations to find type & number kinematic pair, type of joint and Degree of freedom.
	3	To Study and analyze of inversions of double slider crank mechanism using working models and graphical representations to find type & number kinematic pair, type of joint and Degree of freedom.
	4	To study, understand and observe the actual working and function of each part of single plate clutch by dismantling and assembling.
	5	To study interference and undercutting of spur gear pair using graphical layout.
	6	To find braking force, braking torque of internal expanding and external expanding brake.
Measurement Systems –lab.	1	Measurement of strain using strain gauges.
	2	Calibration of pressure gauge with pressure gauge tester.
	3	Measurement of linear displacement by LDR and inductive pick-up transducers.
	4	Performance of capacitance transducer as an angular displacement measuring device.
	5	Performance of inductive Transducers.
	6	Measurement of flow using Rotameter.
	7	Speed measurement by a stroboscope.
	8	Speed measurement by magnetic pick up or photo electric pick up tachometer.
	9	Pressure measurement by strains gauge type transducer.

	10	Vibration measurement by using Seismic Transducer.
	11	Measurement of Liquid level by using capacitive pickup transducer.
	12	Temperature measurement using contact and non-contact type instruments or various types of sensors.
Dynamics of Machines- lab.	1	Determination of gyroscopic couple using motorized gyroscope.
	2	To study the longitudinal vibration of helical spring and to determine the frequency and time period of oscillation theoretically and experimentally.
	3	Experiment on free and damped vibration of systems with one degree of freedom.
	4	Experiment on forced damped vibration of systems with one degree of freedom.
	5	Experiment on free damped torsional vibration.
	6	To verify the Dunkerley's rule.
	7	To determine the natural frequency of free torsional vibration of single rotor system.
	8	To determine the natural frequency of free torsional vibration of two rotor system.
	9	Experiment on static balancing of rotating masses.
	10	Experiment on dynamic balancing of rotating masses.
CAD-CAM Lab	1	Creation of 2D drawing (Sketching Module) of any mechanical machine component using any modeling/drawing software.
	2	Creation of isometric view from given orthographic view of any mechanical machine part using any modeling software.
	3	Creation of 3D drawing of any mechanical machine part using any modeling software.
	4	Creation of assembly of Knuckle joint/ Cotter joint using any modeling software.
	5	Creation of sheet metal component using any modeling software.
	6	Simulation of Four bar chain mechanism using any modeling software.
	7	Simulation of Slider crank chain mechanism using any modeling software.
Mechatronics- lab.	1	Study of pneumatic system
	2	Study of PLC
	3	Study of Pick & Place robot.
	4	Study of D.C. motor control unit.
	5	To study applications of sensors and actuators
Energy Conversion – II- lab.	1	Trial on reciprocating compressor.
	2	Trial on centrifugal blower.
	3	COP calculation of vapour compression system.
	4	Study of vapour absorption system
	5	Study of gas turbine with the help of models.
	6	Study of general layout of conventional automobile and its subsystems.

I.C. Engines- lab.	1	Performance test on a single cylinder petrol engine.
	2	Evaluation of the heat balance for single cylinder diesel engine.
	3	Performance test on a multi-cylinder petrol engine.
	4	Mors test on multi-cylinder petrol engine.
	5	Trial on petrol/ diesel engine to plot p-0 and p-V diagram.

• **FIRST YEAR ENGINEERING**

**NAME OF FIRST YEAR DEPT: - ENGINEERING PHYSICS**

List of Major Equipment and facilities		Quantity	Cost
1	Spectrometer with stainless steel scale verni 1m	6	12600.00
2	Laser Kit 18 expt. with 27 accessories	2	27000.00
3	Oscilloscope 30 mhz. 2 channel	1	19500.00
4	Thomson method e/m by bar magnet app.	1	11500.00
5	CRO (Received from Civil Dept.)	1	14500.00
6	CRO (Received from C.S.E. Dept.)	2	34000.00
7	Function Generator	1	2200.00
8	Function Generator (Received from C.S.E. Dept.)	2	7182.00

List of Experimental Setup in each Laboratory / Workshop		
Lab 1  <b>Applied Physics</b>	1	To study characteristics of P-N junction Diode in FB mode
	2	To study characteristics of Zener Diode in RB mode
	3	To study characteristics of LED Diode in FB mode
	4	Study of different waveforms by using CRO
	5	Study of different Lissajous pattern by using CRO
	6	To determine the grating element of given grating using LASER
	7	To Determine wavelength of spectral lines using Diffraction grating
	8	To compare viscosities of given two liquids
	9	to study characteristics of thermistor and to find energy band gap of semiconductor materials
	10	To study formation of Newtons ring



**NAME OF FIRST YEAR DEPT: - ELECTRICAL ENGINEERING**

<b>List of Major Equipment and facilities</b>	
1	Rectifier 50A
2	Alternator –Motor Set
3	Generator- Motor Set
4	Generator- Induction Motor Set

<b>List of Experimental Setup in each Laboratory / Workshop</b>		
<b>Lab 1 Basic Electric Drives &amp; Control</b>	1	Speed Control of D.C. Motor
	2	Load Test on D.C. Motor
	3	Stator voltage control of three phase IM
	4	Study of Stepper motor
	5	D.C. Motor Controller using SCR
	6	Reversal of D.C. Motor
	7	Study of Starter
	8	Specification of Machines
	9	Magnetization Characteristics of DC generator
	10	Study of Universal Motor
	11	Pressure Measurement
	12	Temperature Measurement
	13	Displacement Measurement
	14	Reversal of IM
<b>Lab 2  Basic Electrical Engineering</b>	1	Measurement of Resistance by ammeter voltmeter method
	2	To Study Thevenin's Theorem
	3	To study Superposition Theorem
	4	To study Kirchoff's Law
	5	To study R-L-C series circuit
	6	To study R-L parallel Circuit
	7	OC & SC test on single phase transformer
	8	Load test on single phase transformer
	9	To study B-H curve

	10	To study three phase balanced circuit
	11	To study Measuring instruments
	12	Magnetisation Characteristics of DC generator
	13	Maximum power transfer theorem

**NAME OF FIRST YEAR DEPT: - ENGINEERING CHEMISTRY**

List of Major Equipment and facilities	
1	Not any Apparatus or equipment costs more than Rs. 50,000/-

List of Experimental Setup in each Laboratory / Workshop		
Lab 1  : <b>Engineering Chemistry</b>		<b>Subject : Engineering Chemistry(Sem-I and Sem-II)</b>
	1	Determination Of pH of unknown sample by pH-meter
	2	Preparation of Phenol formaldehyde resin
	3	Preparation of Urea formaldehyde resin
	4	Determination of chloride ions in water sample.(Mohr's Method)
	5	Estimation of Total, Temporary and Permanent hardness of water by (EDTA) complexometric method.
	6	Determination of conductivity of water samples
	7	Determination of alkalinity (Sodium Hydroxide and Sodium Carbonate) in given Alkali mixture solution.
	8	Determination of Viscosity of lubricating oil by Redwood viscometer
	9	Determination of flash point of lubricating oil by Abel's closed cup apparatus
	10	Determination of flash point of lubricating oil by Penskey Marten's closed cup apparatus
	11	Determination of Acid value of Lubricating oil.
	12	Determination of % of CaO in given Cement Sample
	-.	<b>Subject: Applied Physical Chemistry ( Sem-IV)</b>
Lab 2  <b>Physical Chemistry</b>	1	Determination of Enthalpy of solution and neutralization
	2	Determination of order of reaction and study of the Kinetics of Hydrolysis of methyl acetate.
	3	Determination of relative strength of two acids from kinetic study.
	4	To determine the order of reaction between $K_2S_2O_8$ and KI and hence determine the energy of activation.
	5	Determination of specific and equivalent conductance of strong electrolytes and verification of Kohlrausch's law.

	6	To determine the equivalence point of titration between strong acid and strong base by conductance measurements.
	7	To determine the equivalence point of titration between strong acid and strong base by EMF measurement using potentiometric method.
	8	To determine the max and verify Beer-Lamberts law.
	9	Determination of pH of industrial effluents.
	10	Determination of Solubility and solubility product of sparingly soluble salts by EMF measurements.
	11	Determination of transport number by EMF measurements.
	12	To study the adsorption of oxalic acid on activated charcoal and examine the validity of Freundlich and Langmuir isotherm

#### NAME OF FIRST YEAR LAB: - DRAWING HALL

Sr. No.	List of Major Equipment and facilities
1	Drawing Boards with Stand – 90 Nos.
2	T-Square – 60 Nos.
3	Geometrical 3-D Models-03 Nos.
4	Drafting Machine- 01 Nos.

List of Experimental Setup in each Laboratory / Workshop		
Lab 1 Name	1	Projection of Straight Line.
	2	Projection of Plane.
	3	Projection of Solid.
Drawing Hall No-I	4	Section of Solid.
	5	Isometric Projection/Views.
	6	Orthographic Projection.
	8	Locci of point of various mechanisms.
	9	Drafting of basic 2D geometrical shapes using CAD software.
	10	Drafting of basic 3D geometrical shapes using CAD software.
	11	Free hand sketch of simple machine elements likes- foundation bolts, screw threads etc.

**NAME OF FIRST YEAR DEPT: - ENGINEERING MECHANICS LAB**

List of Experimental Setup in each Laboratory / Workshop		
Lab 1  Applied Mechanics	1	Verification of Polygon Law of Forces
	2	Determination of Mechanical Advantage, Velocity Ratio, Efficiency and Law of Machine using Differential axel and wheel.
	3	Determination of Mechanical Advantage, Velocity Ratio, Efficiency and Law of Machine using Screw jack
	4	Determination of Mechanical Advantage, Velocity Ratio, Efficiency and Law of Machine using Winch Crab.
	5	Coil and Belt Friction
	6	Jib Crane.
	7	Simply Supported Beam
	8	Determination of Moment of inertia by using Fly Wheel
	9	Determination of Acceleration due to gravity by using Simple Pendulum
	10	Determination of coefficient of friction over inclined plane

**NAME OF FIRST YEAR DEPT. :- WORKSHOP**

List of Major Equipment and facilities	
	<b>MACHINE SHOP</b>
1	Lathe M/C
2	Milling M/C
3	Shaping M/C
4	Dill M/C,
5	Tool & cutter Grinder
6	Slotting M/C
7	Power Saw M/C
	<b>WELDING SHOP</b>
8	Arc Welding
9	Spot Welding

List of Experimental Setup in each Laboratory / Workshop		
WORKSHOP SECTION 1	1	Carpentry Section: Prepare Half Joint T Joint
	2	Welding Section: Prepare a Lab Joint

WORKSHOP SECTION 2	1	Black Smithy Section: "S" Type Hook
	2	Fitting Section: Cutting, Filing, Drilling, Taping Practice
	3	Tap & Dies Section: Tap & Dies Practical
	4	Sheet Metal Section: Prepare Lap Joint
WORKSHOP SECTION 3	1	Machine Shop Section: Introduction to different Machining tools, different measuring tools. Job involving marking, metal removing basic operations like plain turning, facing, step turning etc.

#### I) Other Facilities

- **Games and Sports** : Yes
- **Extra – Curricular Activities** : Yes
- **Soft Skill Development** : Yes

Tied up with Seed Infotech, Pune, NIIT Nagpur and T.I. M.E Akola for the soft skill training to the third and final year students. College has dedicated language Lab, the basic purpose of the lab is to provide students a platform to enhance English language skills, communication skills and to practice soft skills. Hiring the free lancers to trained the students in soft skills. College level students club being formed to conduct various activities to enhance the confidence in the students also regards to develop the leadership quality among them

#### 16. Enrolment and placement details of students in the last 3 years

Sr. No.	Course/Discipline	Enrollment (First to Final Year)		
		2021-22	2022-23	2023-24
1	Computer Science & Engineering	483	522	573
2	Chemical Engineering	178	164	162
3	Civil Engineering	284	223	203
4	Mechanical Engineering	128	104	100
5	Architecture	104	95	75
6	M. Tech (Chemical Engineering)	20	08	04
7	M.E. (Civil Engineering)	36	30	24

Sr. No.	Course/Discipline	Placement Details		
		2021-22	2022-23	2023-24
1	Computer Science & Engineering	67	09	-
2	Chemical Engineering	47	24	12

3	Civil Engineering	40	12	12
4	Mechanical Engineering	26	13	03
5	Architecture	04	-	-
6	M. Tech (Chemical Engineering)	-	-	-
7	M.E. (Civil Engineering)	-	-	-

## 17. List of Research Projects/Consultancy Works

Sr. No.	Project	Funding Agency	Grant (Rs)
1	SPDP (PDCELL ACCNT)	AICTE	72,77,400
2	MPCB	Government of Maharashtra	6,67,380

**SHRI SHIVAJI EDUCATION SOCIETY, AMRAVATI**  
**Regd. No. F/89/AMT**  
**Name of the Institute:- College Of Engineering & Technology,( Bahulgaon) Akola**  
**PDCELL ACCOUNT**  
**Income & Expenditure Account for the year ending on 31st March, 2023**

EXPENDITURE	AMOUNT	AMOUNT	INCOME	AMOUNT	AMOUNT
<b>Dept Receipts</b>		1268891.00	<b>Dept Receipts</b>		6812927.76
Civil Dept	804941.00		Civil Dept	4223599.00	
Gate Online	463950.00		Gate Online	2589328.76	
<b>Contingencies</b>		1342414.98			
Bank Commission	897.98				
Remuneration To Staff	1341517.00				
<b>Surplus Tr To B's</b>		4666094.78	<b>Other Income</b>		464473.00
			Bank Intt/Charges	464473.00	
<b>TOTAL</b>		7277400.76	<b>TOTAL</b>		7277400.76

Note: Departmentwise receipt not maintained.

Principal, 30/04/2023  
**Principal, College of Engg. & Tech., Akola**

Date: 18/07/2023 Akola

For N R Pundkar & Associates  
Chartered Accountants  
**Nilesh R Pundkar...Prop**  
MNo. 125408

**AKOLA**

**AKOLA**  
MNo. 125408

**MAHARASHTRA POLLUTION CONTROL BOARD  
REGIONAL OFFICE AMRAVATI**

Phone:- 0721 2563592  
2563593/ 2563594  
Email:- roamravati@mpcb.gov.in



Sahakar Surbhi, Bapat wadi,  
Near Vivekanand Colony  
Amravati Pin Code:-444606

No.MPCB/ROAmravati/ *FTS 0085*

Date:- *18/09/2023*

To,  
The Principal,  
✓ College of Engineering & Technology,  
Akola

Sub:- Payment of National Ambient Monitoring Programme Stations  
Ref:- MPCB/JD-APC/NAMP-Extn/B- 171 Dtd. 13/12/2022

Sir,

Please find enclosed herewith A/c Payee Bearing Cheque No. 486755 Dtd. 18/09/2023 Rs. **667380** ( Rs. Six Lacs Sixty Seven Thousand Three Hundred Eighty Only) towards the Payment of three working station in Akola City under State Ambient Monitoring Programme.

Details as Below.

Total Amount	TDS Ded.2%	Net Payable Amt.	Period
681000/-	13620/-	667380/-	01/01/2023 To 31/12/2023
<b>681000/-</b>	<b>13620/-</b>	<b>667380/-</b>	

You are requested to submit the receipt along with utilization certificate as early as possible so as to this office is able to submit the same to H. Q. Mumbai for further needful action.

*A/c Debit  
for Rs.  
24/9/2023*

Yours faithfully,

(S. D. Patil)  
Regional Officer  
M.P.C.Board, Amravati

**Copy Submitted to:-**  
Principal Scientific Officer, MPC Board, Mumbai  
Chief Officer, MPC Board, Mumbai

D/Account letter/NAMP/SAMP letter

## 18. MoUs with Industries

Sr. No.	Organization with which MoU is signed	Year of signing MoU	Duration
1	Dr. Panjabrao Deshmukh Agricultural University, Akola	2016	on going
2	MGIRI Wardha	9/14/2017	04 Yrs
3	Akola Chemicals	12/12/2018	
4	Chintamani Pharma,Akola	12/12/2018	3 Yrs
5	Rashtriya Chemicals and Fertilizers (RCF), Thal 6days Industrial visit/Short Term Training Program on "Overview of unit operations and unit process with practical visit from 17/12/18 to 22/12/18	8/1/2019	01 Yr.
6	Prerna Industries, MIDC, Murtizapur.	2019	02 Yrs.
7	College of Engineering Jalgaon Bhambori	2020	03 Yrs
8	Avika Industries Akot	Dec 2, 2020	02 Yrs.
9	Honeywell Process Solutions (International)	Jul-21	Jul-22
10	Staphya Consultant, Amravati (MS)	2020	3 Year
11	Maharashtra Pollution Control Board	2008	on going
12	KSD, borewell and Construction, Akola	2017	2 Year
13	TCS	2021	2 Years
14	NSEIT	2020	3 Years
15	Winner Software Pvt. Ltd.	2021	3 Years
16	Indian Institute of Remote Sensing Dehradun, Indian Space Research Organization, Department of Space, Govt. of India	2021	-
17	Microspectra Soft. Tech. Pvt. Ltd.	-	-
18	Certiport Authorized Test center	2017	-
19	IMPRO ENGINEERS PVT LTD, PUNE	2022	5 Years



20	Anuradha Roofing industries, Akola	2022	5 Years
21	SKIPPER ENGINEERS, AKOLA	2022	5 Years
22	S. K. Edutech & Agro Industries, Akola	2018	5 Years
23	Indian Institute of Architects, Akola centre, Akola.	2022	3 yrs
24	Designo Architects, Vashi, Navi Mumbai	2022	3 yrs
25	Modern Industries C-74, MIDC Malegaon-Sinnar, Dist. Nashik-422113	2021-22	5 Years
26	Special Biochem Pvt. Ltd. Additional Industrial Area, Tuljapur, Nadgaon peth, Amravati	2021-22	5 Years