

Karmaveer Kakasaheb Wagh Education Society's  
K. K. WAGH INSTITUTE OF ENGINEERING EDUCATION  
AND RESEARCH, NASHIK

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## AICTE Mandatory Disclosure 2021-22



**K. K. WAGH INSTITUTE OF  
ENGINEERING EDUCATION AND RESEARCH, NASHIK**

Hirabai Haridas Vidyanagari,

Amruttadham, Panchavati, Nashik 422003

Ph. No.:(0253)2512876 / 2512867,Fax No.:(0253) 2511962 / 2518870

Website: <https://engg.kkwagh.edu.in>

Email: [kkwieer@kkwagh.edu.in](mailto:kkwieer@kkwagh.edu.in)

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# Mandatory Disclosure

## 1. Name of the Institution:

K. K. Wagh Institute of Engineering Education & Research

Hirabai Haridas Vidyanagari, Amruthdham, Panchavati, Nashik, Maharashtra 422003

0253-2221302, 0253-2221303

kkwieer@kkwagh.edu.in /kkwieer@gmail.com /kkwe\_office@dataone.in

website: <https://engg.kkwagh.edu.in/>

## 2. Name and address of the Society and the Trustees:

K. K. Wagh Education Society

Hirabai Haridas Vidyanagari, Amruthdham, Panchavati, Nashik, Maharashtra-422003

Ph : +91-253-2221106, 2221109

Fax : +91-253-2518870

Web Address:

Website : <https://kkwagh.edu.in/>

Name of Director	Position
Shri. Balasaheb D. Wagh	President
Shri. Ashok R. Merchant	Trustee
Shri. Changdeorao B. Holkar	Trustee
Er. Sameer B. Wagh	Trustee
Dr. Keshav N. Nandurkar	Trustee
Dr. Shirish S. Sane	Trustee
Mrs. Shakuntala B. Wagh	Trustee
Prof. Dr. V. S. Mane	Trustee
Dr. (Mrs.) Priti D. Bhamare	Staff Representative
Prof. Kallapa S. Bandi	Secretary

### **3. Name and Address of the Principal:**

Prof. Dr. Keshav Nilkanth Nandurkar

0253-2221301 , Fax: 0253-2511962, principal-engg@kkwagh.edu.in

### **4. Name of the affiliating University**

Savitribai Phule Pune University

### **5. Governance:**

#### **5.1 Governing Body:**

Name	Committee Position
<p><b>Shri. Balasaheb D. Wagh</b>  <b>President of K .K. Wagh Education Society, Nashik</b></p> <ul style="list-style-type: none"> <li>• A graduate in Agricultural Science from Government College of Agriculture, Pune. A progressive agriculturist based at Bausahebnagar, Tal:Niphad</li> <li>• Ex- Managing Director, Niphad Sahakari Sakhar Karkhana Ltd., Bausahebnagar</li> <li>• Ex- Chairman, K.K. Wagh Sahakari Sakhari Karkhana Ltd., Ranwad, Tal: Niphad</li> <li>• Ex-President, Deccan Sugar Technologist, Pune</li> <li>• Ex-Vice Chairman, Distillery Association of Maharashtra, Mumbai.</li> <li>• Member, Maharashtra State Jal-Sinchan Aayog.</li> <li>• President, Association of Managements of Un-aided Engineering Colleges (Mah.)</li> <li>• President, Association of Managements of Un-aided Agricultural Colleges.</li> <li>• President, Association of Managements of Polytechnics (Maharashtra)</li> </ul>	Chairman
<p><b>Shri. Ashok R. Merchant</b>  <b>Trustee of K. K. Wagh Education Society</b></p>	Member

<ul style="list-style-type: none"> <li>• Commerce Graduate, IATA/FIATA from Geneva, Switzerland.</li> <li>• Retired from Public Sector undertaking.</li> <li>• Trained in Modern Management methods.</li> <li>• Comes from a Philanthropic family.</li> <li>• Represents the trust who had donated the land to the K. K. Wagh Education Society.</li> </ul>	
<p><b>Mr. Sameer B. Wagh</b>  <b>Trustee of K. K. Wagh Education Society</b></p> <ul style="list-style-type: none"> <li>• B.Chem. Engg. &amp; M. Chem. Engg. from UDCT, Mumbai</li> <li>• Heading detailed Engineering Firm providing services to</li> <li>• Chemical Industries &amp; Waste Water Treatment since 1997</li> <li>• Having 22 years' experience in the Consultancy Field.</li> </ul>	Member
<p><b>Mrs. Shakuntala B. Wagh</b>  <b>Trustee of K. K. Wagh Education Society</b></p>	Member
<p><b>Prof. Kallapa S. Bandi</b>  <b>Secretary of K. K. Wagh Education Society</b></p> <ul style="list-style-type: none"> <li>• B. E. (Civil), M. E. (Civil), F. I. E. (India)</li> <li>• Professor in Civil Engineering Department at Engineering College</li> <li>• Project Director since 11 years at K. K. Wagh Education Society and presently working as Secretary of K. K. Wagh Education Society, Nashik since 22/05/2012.</li> <li>• Having 25 years of Teaching Experience.</li> </ul>	Member
<b>Regional Officer (AICTE)</b>	Member
<b>Industrialist/Technologist/Educationalist</b>	Member
<p><b>Prof. Dr. Gajanan K. Kharate</b></p> <ul style="list-style-type: none"> <li>• Principal, Matoshri College of Engineering and Research Centre, Nashik</li> </ul>	Member

<p><b>Prof. Dyandev P. Nathe, M.Tech.(Civil)</b></p> <ul style="list-style-type: none"> <li>The principal of Government Polytechnic, Nashik and Incharge Joint Director of Technical Education, Maharashtra State, Nashik Region.</li> </ul>	Member
<p><b>Shri. Shrikant R. Karode</b></p> <ul style="list-style-type: none"> <li>Incharge of Training Department at Jyoti Structures Ltd, Nashik, Maharashtra, India</li> </ul>	Member
<p><b>Prof. Dr. Keshav N. Nandurkar</b>  <b>Trustee of K. K. Wagh Education Society</b></p> <ul style="list-style-type: none"> <li>B.E. (Prod.), M.E. (Prod.) , Ph.D. from IITB, Mumbai</li> <li>The principal of K. K. Wagh Institute of Engineering Education &amp; Research, Nashik.</li> <li>Having 33 years of Teaching Experience.</li> <li>Member of National Board of Accreditation Committee</li> </ul>	Principal and Member Secretary
<p><b>Prof. Dr. Shirish S. Sane</b>  <b>Trustee of K. K. Wagh Education Society</b></p> <ul style="list-style-type: none"> <li>Master in Technology (Computer Science &amp; Engineering) from IIT, Bombay. Ph. D. (Engg.) from University of Pune.</li> <li>Professor and Head of Computer Engineering Department in K. K. Wagh Institute of Engineering Education &amp; Research, Nashik.</li> <li>Having 32 years Teaching Experience.</li> </ul>	Member
<p><b>Mrs. Shilpa Jayesh Mene - Sonje</b></p> <ul style="list-style-type: none"> <li>Assistant Professor in Information Technology Department,</li> <li>K. K. Wagh Institute of Engineering Education and Research, Nashik.</li> <li>Having 14 years Experience.</li> </ul>	Member

**Frequency of Meeting : 2 per year**

## **5.2 Members of Academic Advisory Body**

### **Academic Advisory Body**

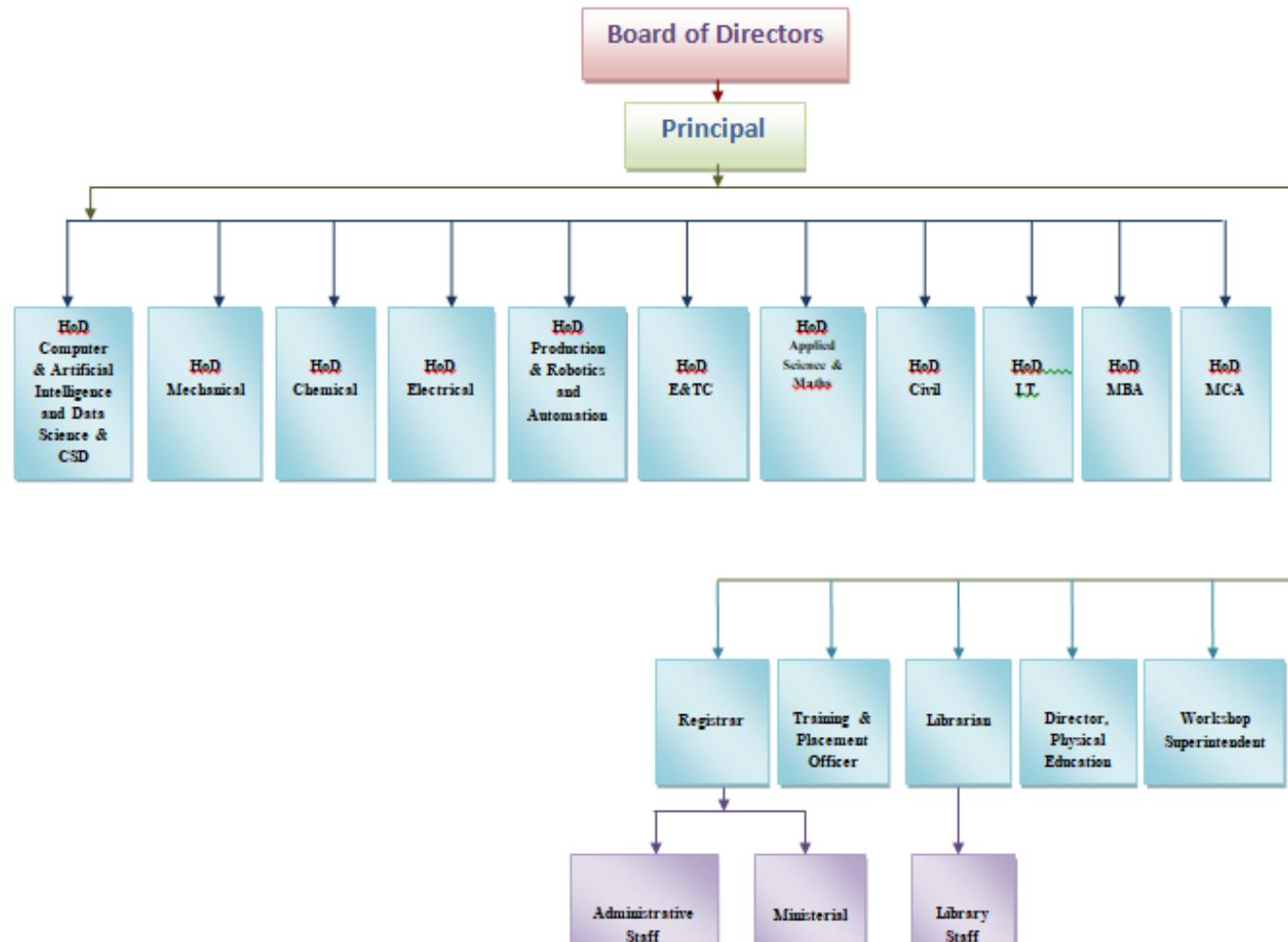
<b>Name of Member</b>	<b>Position</b>
Shri. Vivek Sawant	Chairman
Dr. Uday N. Gaitonde	Member
Dr. Dinkar M. More	Member
Dr. V. V. Mahajani	Member
Dr. S. A. Halkude	Member

## **5.3 Frequency of Meeting : 3 per year**

### **Think Tank**

<b>Name of Member</b>	<b>Position</b>
Dr. Vijay P. Bhatkar	Chairman
Prof. Baburao M. Naik	Member
Shri. Narsinha A. Joshi	Member

## **5.4 Organizational chart and processes**



## 5.5 Nature and Extent of involvement of Faculty and students in academic affairs/improvements

## **College Development Committee:**

College Development Committee is formed by elected and Nominated members. The committee prepares an overall comprehensive development plan of the college regarding academic, administrative and infrastructural growth, and enable college to foster excellence in curricular, co-curricular and extra-curricular activities.

<b>Sr. No.</b>	<b>Name</b>	<b>Designation</b>
1	Shri. Balasaheb D. Wagh	President, KKWES
2	Prof. Kallapa S. Bandi	Secretary, KKWES
3	Prof. Dr. Padmakar J. Pawar	Head of Department
4	Prof. Mrs. Priti P. Vaidya	Teachers representative(Female)
5	Prof. Dr. Sanjay D. Barahate	Teachers representative
6	Prof. Dr. Suyog N. Jain	Teachers representative
7	Mrs. Swati K. Pawar	Representative of Non-Teaching
8	Shri. Shailendra Anil Wadghule (Head,R&D,Siemens,Nashik)	Nominated by the management (Research)
9	Dr. R. S. Tiwari (Technical Director,Cognifront, Nashik)	Nominated by the management (Education)
10	Shri Shirish Chafekar	Nominated by the management (Industry)
11	Shri. Rushikesh Bhandari (Co-founder at The Purchase House)	Nominated by the management (Alumni)
12	Prof. Mrs. Tanuja N.Date	Co-ordinator, Internal Quality Assurance Committee of Institue
13	-	Chairman, Student Council
14	-	Secretary, Student Council
12	Prof. Dr. K.N.Nandurkar	Principal and Member secretary

## **5.6 Mechanism/ Norms and Procedure for democratic/ good Governance**

The institute has provided ERP portal for effective planning and maintaining record of teaching activities.

Each faculty maintains the record of scheduled and conducted lectures/practicals, topics covered in each lecture/lab session and attendance of students. The same data is also entered through ERP system which can be accessed by head of departments, Principal and Management authorities for regular monitoring. Student performance in laboratory is maintained in continuous assessment record.

Every department appoints a class coordinator for each class. Class coordinators ensure that the sessions are conducted as per the schedule. Alternate arrangement is made in case of absence of faculty. The monthly attendance record is maintained by class coordinator and communicated to head of department. The academic activities and progress of students are reviewed by head of the department with the help of class coordinators and corrective measures are discussed with the faculty in department meetings. Curriculum gaps are identified and bridged by means of expert talks, seminars, workshops, training courses, industrial visits and inclusion of topics beyond syllabus. Timely feedback from students, faculty, alumni, employers, parents, external examiners/project guides are taken into account to ensure achievement of learning outcomes.

Every week, meeting with all head of departments is called by the Principal to review academic activities, to address the issues pertaining to teaching learning process and planning of forth coming activities to ensure smooth conduction. For regular monitoring of academic activities, a fortnightly report is prepared at department level and submitted to Principal and management.

The management also conducts meetings with Principal, head of departments and concerned faculty members as and when required for planning, execution and funding for various activities.

Key performance indicators (KPI) are identified, monitored and reviewed in the meeting with Advisory Committee for the K.K.Wagh Education Society, which is scheduled every three months.

## **5.7 Student Feedback on Institutional Governance/ Faculty performance**

The institute has excellent infrastructure with well-developed and equipped laboratories, Wi Fi campus. Other facilities provided to the students include gymnasium and sports, hostels for boys and girls, mess and canteen, transportation etc. Regular feedback is collected from the stake holders to improve the academic and infrastructural standards of the institute.

The institute monitor and evaluate the quality of teaching learning through:

- Strict adherence to course conduction and completion
- In every semester, feedback is collected from the students and analyzed. Outcome of this process is communicated to respective staff for their improvement as well as for encouragement.
- Lecture observation is made by senior faculty and necessary feedback and suggestions are conveyed to respective faculty for further improvement.
- Video shooting of lectures for self-assessment and corrections.
- Monitoring through IQAC.

Student feedback for the respective course is conducted twice in each semester online through ERP System.  
<https://erp.kkwagh.edu.in/>

It is based on the parameters like punctuality, preparation for the lecture, communication skills, interaction during theory and practical etc.

In addition, a suggestion box is kept near the office. Appropriate measures are taken based on the suggestions/feedback received. This will serve as one of the yardstick used for faculty appraisal.

## **5.8 Grievance Redressal mechanism for Faculty, staff and students**

A separate Grievance redressal cell is formed to look into the matter related to grievances. Also, Teaching and Non-Teaching Staff members can approach the respective heads of the department, Registrar, and Principal for redressal of any grievance. The College Development Committee is also formed as per the Savitribai Phule Pune University regulations. Students can approach their respective class coordinators, Head of the department, Registrar, & Principal for their grievances. Suggestion boxes are also provided. Parents meetings are conducted every year and the inputs are used for continual improvement.

## **5.9 Establishment of Anti Ragging Committee**

Sr. No	Name of Staff	Committee Designation
1	Prof. Sharad S. Dhamal	Chairman
2	Prof. Mrs. Sanjivani S. Munot	Secretary
3	Shri. Manik P. Kolhe	Member
4	Shri Ramnath Malode	Member
5	Sr. Police Inspector Adgaon Police Station	Member
6	Er. M. D. Pawar	Member
7	Prof. S. S. Dongare	Member
8	Mrs. Morankar Anirudha Pravin	Member
9	Mr. Tejas Nandkishr Chopde	Member
10	Mr. Ritesh Shinde	Member
11	Mr. Pratik Khodke	Member

## **5.10 Establishment of Online Grievance Redressal Mechanism**

Grievance Redressal Portal is created for online grievances.

<https://grp.kkwagh.edu.in/>

## **5.11 Establishment of Grievance Redressal Committee in the Institution**

Sr. No	Name of Staff	Department
1	Dr. Padmakar J. Pawar	Production Engineering
2	Prof. Ashok M. Jain	Electrical Engineering
3	Dr. Sukhdeo S. Naik	Applied Science and Mathematics
4	Prof. Nitin M. Shahane	Computer Engineering
5	Dr. Ashok L. Varne	Civil Engineering
6	Mr. Ramesh Bhandare	Mechanical Engineering
7	Prof. Santosh V. Purkar	Information Technology
8	Prof. Suyog N. Jain	Chemical Engineering
9	Dr. Ajinkya S. Joshi	I/C Registrar
10	Prof. Mrs. Mariyam E. Maniyar	Master of Computer Application

## **5.12 Establishment of Internal Complaint Committee (ICC)**

Sr. No.	Name	Designation
1	Prof. Dr. Mrs. Preeti D. Bhamre	President
2	Prof. Dr. Mrs. Vandana Bagal	Member Secretary
3	Prof. Mrs. Nayana N. Jangale	Member
4	Prof. Suruchi M. Malao	Member
5	Mrs. Shobha V. Sonawane	Member
6	Mrs. Rupali M. Jadhav	Member
7	Mrs. Dr. Shama Kulkarni	NGO Representative

## **5.13 Establishment of Committee for SC/ ST**

SC/ST Grievance Redressal Cell Committee which includes staff from different departments, ladies staff representatives, Non teaching staff representative and student representatives [under graduate and post graduate] is to be formed. The chairman/coordinator and Relational officer [liaison] officer is to be appointed by Principal.

SC/ST students, faculty member [teaching and non teaching staff] should launch their complaint on <https://grp.kkwagh.edu.in/> .

Sr. No	Name of Staff	Committee Designation
1	Prof. Dr. Sanjaykumar Gangurde	Member(Coordinator)
2	Prof. Pravin Surwade	Member(Relational Officer)
3	Prof. Ms. Avina Dhangare	Member(PG)
4	Prof. Ms. Rutuja Jadhav	Member(Women Representative)
5	Mr. Rajesh Jadhav	Member(Non-Teaching)
6	Mr. Prathamesh Vijay Sonawane	Member(Student-UG)
7	Mr. Neetiratna Waghmare	Member(Student-PG)

## **5.14 Internal Quality Assurance Cell**

IQAC Committee has been constituted in the institute in October 2016. To improve the teaching learning process, academic monitoring is carried out on regular basis in the following ways:

- Arranging induction training for new faculty members
- Carrying out academic audit
- Collecting student feedback and analysis
- Lecture observation by senior faculty and to convey feedback/suggestions for improvement
- Video shooting of lectures for self assessment and corrections
- Motivation to faculty for skill up gradation courses and qualification improvements.
- IQAC Committee Members:

Sr. No	Name	Committee Designation	Affiliation
1	Dr. K. N. Nandurkar	Chairman	Principal, K. K.W. I. E. E. R., Nashik
2	Prof. K. S. Bandi	Management Representatives	Secretary, K. K. Wagh Education Society
3	Dr. S. S. Sane		Trustee& Head, Computer Engineering Department
4	Prof. Dr. P. D. Bhamre	Dearn, Quality	Head, Information Technology Department
5	Prof. Mrs. T. N. Date	Coordinator	Electrical Engineering Department
6	Prof. M. B. Murugkar	Senior Administrative Officer	Head, Mechanical Engineering Department
7	Prof. Dr. P. J. Pawar	Senior Administrative Officer	Head, Production Engg Engineering Department
7	Prof. Dr. P. D. Dhake	Teacher Representative	Civil Engineering

			Department
8	Prof. N. M. Shahane	Teacher Representative	Computer Engineering Department
9	Prof. Dr. V. S. Patil	Teacher Representative	Mechanical Engineering Department
10	Prof. Mrs. S. P. Munot	Teacher Representative	E&TC Department
11	Prof. Ms. S. R. Deshmukh	Teacher Representative	Assistant Professor, IT
12	Prof. Mrs. P. G. Fegade	Teacher Representative	Assistant Professor, MCA
13	Mr. Rohit Kulkarni	Employer Representative	Director, Neumann Systems Consultancy Pvt.Ltd., Nashik
14	Mr.Nilesh Salgaonkar	Industry Representative	Director of Teknocrat's Control Systems (I) Pvt. Ltd., Nashik
15	Dr. Manoj Mandlik	Alumni Representative	Alumni
16	Mr.Avinash S.Kale	Parent Representative	Parent
17	Ms. Surabhi S.Sable	Student Representative	(TE Electrical)
18	Mr. Ninad R.Kasar		(TE IT)

## **6. Programmes**

### **6.1 Name of Programmes approved by AICTE**

### **6.2 Name of Programmes Accredited by AICTE**

Sr. No.	Programme Level	Name of the Programme / Course
1	Under-Graduate	Computer Engineering
2		Electronics & Telecom. Engineering
3		Civil Engineering
4		Mechanical Engineering
5		Electrical Engineering
6		Chemical Engineering
7		Information Technology
8		Robotics and Automation Engineering
9		Artificial Intelligence and Data Science
10		Computer Science and Design
11	Post – Graduate	Civil Engineering (Structures)
12		Electrical Engineering (Power System)
13		Electronics & Telecommunication (VLSI & Embedded)
14		M.C.A.
18		M.B.A.
19	Ph.D.	Production Engineering
20		Electrical Engineering
21		Civil Engineering
22		Computer Engineering

### 6.3 Status of Accreditation of the Courses

Total number of Courses

No. of Courses for which applied for Accreditation

Status of Accreditation – Preliminary/ Applied for SAR and results awaited/ Applied for SAR and visits completed/ Results of the visits awaited/ Rejected/ Approved for ..... Courses

NBA Accreditation Status				
1	Name/ List of Programmes/ Courses Accredited			
	Sr. No.	Name of Programme/ Course Accredited	Period of Accreditation	Letter No. Date
	1	Computer Engineering	Accredited for academic years from 2019-20 to 2021-22 i.e. up to 30/06/2022	File No. 28-96-2010-NBA dated 20/12/2019
	2	Electronics & Telecommunication		
	3	Electronics Engineering		
	4	Production Engineering		
	5	Civil Engineering		
	6	Electrical Engineering		
	7	Chemical Engineering		
	8	Mechanical Engineering	Accredited for academic years from 2021-22 to 2023-24 i.e. up to 30/06/2024	File No. 28-96-2010-NBA dated 04/01/2022
	9	MCA	Accredited for academic years from 2019-20 to 2020-21 i.e. up to 30/06/2021	File No. 28-96-2010-NBA dated 20/12/2019
			Accredited for academic year 2021-22	File No. 28-96-2010-NBA dated 17/09/2021
2	Applied for Accreditation		At present no course has applied for accreditation	

	A. Applied but Visit not happened																			
	B. Visit happened but result awaited																			
3	List of programmes/ courses Not Applied	<table border="1"> <thead> <tr> <th>Sr. No.</th><th>Name of Programme/ Course Accredited</th></tr> </thead> <tbody> <tr> <td>1</td><td>Information Technology</td></tr> <tr> <td>2</td><td>Artificial Intelligence &amp; Data Science</td></tr> <tr> <td>3</td><td>Robotics &amp; Automation</td></tr> <tr> <td>4</td><td>Computer Science &amp; Engineering</td></tr> <tr> <td>5</td><td>M.E. Electrical (Power System)</td></tr> <tr> <td>6</td><td>M.E. Civil (Structure)</td></tr> <tr> <td>7</td><td>M.E. E&amp;TC (VLSI 7 Embedded Systems)</td></tr> <tr> <td>8</td><td>MBA</td></tr> </tbody> </table>	Sr. No.	Name of Programme/ Course Accredited	1	Information Technology	2	Artificial Intelligence & Data Science	3	Robotics & Automation	4	Computer Science & Engineering	5	M.E. Electrical (Power System)	6	M.E. Civil (Structure)	7	M.E. E&TC (VLSI 7 Embedded Systems)	8	MBA
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#### 6.4 Programme details:

Name of the Programme	<b>Computer Engineering</b>																	
Number of seats	120																	
Duration	04 Years																	
Cut off marks/ Rank of admission during the last three years (Open Category-GOPENH)	<table border="1"> <thead> <tr> <th colspan="3">Cut off marks</th> </tr> <tr> <th>A.Y. 2019-20</th><th>A.Y. 2018-19</th><th>A.Y. 2017-18</th></tr> </thead> <tbody> <tr> <td>CAP 1: 96.34</td><td>CAP 1: 121</td><td>CAP 1: 96</td></tr> <tr> <td>CAP 2: 96.27</td><td>CAP 2: 127</td><td>CAP 2: 112</td></tr> <tr> <td>CAP 3: 96.69</td><td>CAP 3: 121</td><td>CAP 3: 105</td></tr> </tbody> </table>			Cut off marks			A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	CAP 1: 96.34	CAP 1: 121	CAP 1: 96	CAP 2: 96.27	CAP 2: 127	CAP 2: 112	CAP 3: 96.69	CAP 3: 121	CAP 3: 105
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CAP 2: 96.27	CAP 2: 127	CAP 2: 112																
CAP 3: 96.69	CAP 3: 121	CAP 3: 105																
Fee	First Year and Direct Second Year Engineering																	

Sr. No	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees (Rs.)														
1	OPEN	122775	15225	138000														
2	OBC/EBC	61388	15225	76613														
3	VJNT/SBC/TFWS	0	15225	15225														
4	SC/ST	0.00	0.00	0.00														
Placement Facilities	<p>The institute is having a dedicated infrastructure, “Dr. A P J Abdul Kalam Career Development Center”, for conducting the training and placement activities and is spread over 5078 sq.ft. Area.</p> <p>Following are the facilities available:</p> <ul style="list-style-type: none"> <li>1. 2 Computer Labs with 80 Computers</li> <li>2. Video Conferencing Facility</li> <li>3. High speed Internet with speed 240 Mbps and Wi-Fi connectivity</li> <li>4. 2 Group Discussion Rooms</li> <li>5. 3 Personnel Interview Rooms</li> <li>6. Separate Pantry</li> <li>7. Both Gender Washrooms</li> </ul> <p>Training and Placement Cell organizes career guidance, training and personality development programs for the students throughout the year for their career.</p>																	
Campus placement in last three years	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th colspan="3">Campus placement</th> </tr> <tr> <th>A.Y. 2019-20</th> <th>A.Y. 2018-19</th> <th>A.Y. 2017-18</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">69</td> <td style="text-align: center;">66</td> <td style="text-align: center;">85</td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse;"> <tbody> <tr> <td style="width: 50%;">maximum salary</td> <td style="width: 50%;">12 LPA</td> </tr> <tr> <td>minimum salary</td> <td>1.7 LPA</td> </tr> <tr> <td>average salary</td> <td>3.0 LPA</td> </tr> </tbody> </table>	Campus placement			A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	69	66	85	maximum salary	12 LPA	minimum salary	1.7 LPA	average salary	3.0 LPA		
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Fee	First Year and Direct Second Year Engineering <table border="1"> <thead> <tr> <th>Sr. No</th> <th>Category</th> <th>Tuition Fees (Rs.)</th> <th>Development Fees (Rs.)</th> <th>Total Fees (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OPEN</td> <td>122775</td> <td>15225</td> <td>138000</td> </tr> <tr> <td>2</td> <td>OBC/EBC</td> <td>61388</td> <td>15225</td> <td>76613</td> </tr> <tr> <td>3</td> <td>VJNT/SBC/TFWS</td> <td>0</td> <td>15225</td> <td>15225</td> </tr> <tr> <td>4</td> <td>SC/ST</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>				Sr. No	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees (Rs.)	1	OPEN	122775	15225	138000	2	OBC/EBC	61388	15225	76613	3	VJNT/SBC/TFWS	0	15225	15225	4	SC/ST	0.00	0.00	0.00
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A.Y. 2019-20		A.Y. 2018-19		A.Y. 2017-18																					
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Name of the Programme	<b>Civil Engineering</b>																
Number of seats	120																
Duration	4 years																
Cut off marks/ Rank of admission during the last three years	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th colspan="3" style="text-align: center;">Cut off marks</th> </tr> <tr> <th>A.Y. 2018-19</th> <th>A.Y. 2017-18</th> <th>A.Y. 2016-17</th> </tr> <tr> <td>I Shift:47</td> <td>I Shift:47</td> <td>I Shift:47</td> </tr> <tr> <td>II Shift:47</td> <td>II Shift:51</td> <td>II Shift:49</td> </tr> </table>					Cut off marks			A.Y. 2018-19	A.Y. 2017-18	A.Y. 2016-17	I Shift:47	I Shift:47	I Shift:47	II Shift:47	II Shift:51	II Shift:49
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Name of the Programme	<b>Mechanical Engineering</b>																																																											
Number of seats	120																																																											
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Name of the Programme	<b>Electrical Engineering</b>
Number of seats	120
Duration	4

Cut off marks/ Rank of admission during the last three years	Cut off marks		
	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18
3		45.33	45.67
Fee			
	Sr. No	Category	Tuition Fees (Rs.)
	1	OPEN	122775
	2	OBC/EBC	61388
	3	VJNT/SBC/TFWS	0
Placement Facilities	4	SC/ST	0.00
			0.00
			0.00
Campus placement in last three years	APJ Abdul Kalam Career Development Centre with all the necessary resources required for placement process like interview rooms, computing facility, video conferencing etc. Practice software like My Exam are available for Campus Placement Preparation.		
	Campus placement		
	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18
	39	41	53
	maximum salary	6 Lakh	
	minimum salary	1.20 Lakh	
	average salary	3.3 Lakh	

Name of the Programme	Chemical Engineering
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Number of seats	60 Nos.																												
Duration	04 Years																												
Cut off marks/ Rank of admission during the last three years	Cut off marks																												
		A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18																									
	JEE	75.68	0	57																									
	MH CET	2.89	48	38																									
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	Association of Chemical Engineering Students (ACES) also organizes expert lectures of the resource persons from the industry to get know how of the industry as well as other convention programs to groom the students. ESPOIR Simulation Software is available in the Department to improve the Interview skills among the students by doing the practice with the software.															
Campus placement in last three years	<table border="1"> <thead> <tr> <th colspan="3">Campus placement</th> </tr> <tr> <th>A.Y. 2019-20</th> <th>A.Y. 2018-19</th> <th>A.Y. 2017-18</th> </tr> </thead> <tbody> <tr> <td>21</td> <td>24</td> <td>32</td> </tr> </tbody> </table> <table border="1"> <tbody> <tr> <td>maximum salary</td> <td>5,00,000/- per annum</td> </tr> <tr> <td>minimum salary</td> <td>1,20,000/- per annum</td> </tr> <tr> <td>average salary</td> <td>2,24,176/- per annum</td> </tr> </tbody> </table>	Campus placement			A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	21	24	32	maximum salary	5,00,000/- per annum	minimum salary	1,20,000/- per annum	average salary	2,24,176/- per annum
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Name of the Programme	<b>Information Technology</b>																						
Number of seats	60																						
Duration	4 Year																						
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Campus placement																
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47	45	45														
maximum salary	7.6															
minimum salary	3															
average salary	3.94															

Name of the Programme	<b>Robotics and Automation</b>
Number of seats	60
Duration	04 Years

Cut off marks/ Rank of admission during the last three years	MH CET Rank	(2019-20)	(2018-19)	(2017-2018)																				
	Opening Score/Rank	-	-	-																				
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maximum salary	-																							
minimum salary	-																							

Name of the Programme	<b>Artificial Intelligence and Data Science</b>																													
Number of seats	120																													
Duration	04 Years																													
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Fee	<p>First Year</p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Sr. No</th> <th>Category</th> <th>Tuition Fees (Rs.)</th> <th>Development Fees (Rs.)</th> <th>Total Fees (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OPEN</td> <td>122775</td> <td>15225</td> <td>138000</td> </tr> <tr> <td>2</td> <td>OBC/EBC</td> <td>61388</td> <td>15225</td> <td>76613</td> </tr> <tr> <td>3</td> <td>VJNT/SBC/TFWS</td> <td>0</td> <td>15225</td> <td>15225</td> </tr> <tr> <td>4</td> <td>SC/ST</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>					Sr. No	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees (Rs.)	1	OPEN	122775	15225	138000	2	OBC/EBC	61388	15225	76613	3	VJNT/SBC/TFWS	0	15225	15225	4	SC/ST	0.00	0.00	0.00
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1	OPEN	122775	15225	138000																										
2	OBC/EBC	61388	15225	76613																										
3	VJNT/SBC/TFWS	0	15225	15225																										
4	SC/ST	0.00	0.00	0.00																										
Placement Facilities	<p>The institute is having a dedicated infrastructure, “Dr. A P J Abdul Kalam Career Development Center”, for conducting the training and placement activities and is spread over 5078 sq.ft. Area.</p> <p>Following are the facilities available:</p> <ol style="list-style-type: none"> <li>1. 2 Computer Labs with 80 Computers</li> <li>2. Video Conferencing Facility</li> <li>3. High speed Internet with speed 240 Mbps and Wi-Fi connectivity</li> <li>4. 2 Group Discussion Rooms</li> <li>5. 3 Personnel Interview Rooms</li> <li>6. Separate Pantry</li> <li>7. Both Gender Washrooms</li> </ol> <p>Training and Placement Cell organizes career guidance, training and personality development programs for the students throughout the year for their career.</p>																													

Campus placement in last three years	Campus placement		
	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18
	NA	NA	NA
	maximum salary	NA	
		minimum salary	NA
		average salary	NA

Name of the Programme	<b>Computer Science and Design</b>																												
Number of seats	60																												
Duration	04 Years																												
Cut off marks/ Rank of admission during the last three years	MH CET Rank	(2019-20)	(2018-19)	(2017-2018)																									
	Opening Score/Rank	-	-	-																									
	Closing Score/Rank	-	-	-																									
Fee	<table border="1"> <thead> <tr> <th>Sr. No</th> <th>Category</th> <th>Tuition Fees (Rs.)</th> <th>Development Fees (Rs.)</th> <th>Total Fees (Rs.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>OPEN</td> <td>122775</td> <td>15225</td> <td>138000</td> </tr> <tr> <td>2</td> <td>OBC/EBC</td> <td>61388</td> <td>15225</td> <td>76613</td> </tr> <tr> <td>3</td> <td>VJNT/SBC/TFWS</td> <td>0</td> <td>15225</td> <td>15225</td> </tr> <tr> <td>4</td> <td>SC/ST</td> <td>0.00</td> <td>0.00</td> <td>0.00</td> </tr> </tbody> </table>				Sr. No	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees (Rs.)	1	OPEN	122775	15225	138000	2	OBC/EBC	61388	15225	76613	3	VJNT/SBC/TFWS	0	15225	15225	4	SC/ST	0.00	0.00	0.00
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Placement Facilities	Training of Aptitude, Bharatratn APJ Abdul Kalam Career development																												

	center																		
Campus placement in last three years	<table border="1"> <thead> <tr> <th colspan="3">Campus placement</th> </tr> <tr> <th>A.Y. 2019-20</th> <th>A.Y. 2018-19</th> <th>A.Y. 2017-18</th> </tr> </thead> <tbody> <tr> <td>-</td><td>-</td><td>-</td></tr> <tr> <td>maximum salary</td><td>-</td><td></td></tr> <tr> <td>minimum salary</td><td>-</td><td></td></tr> <tr> <td>average salary</td><td>-</td><td></td></tr> </tbody> </table>	Campus placement			A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	-	-	-	maximum salary	-		minimum salary	-		average salary	-	
Campus placement																			
A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18																	
-	-	-																	
maximum salary	-																		
minimum salary	-																		
average salary	-																		

Name of the Programme	<b>Masters of Computer Applications (MCA)</b>											
Number of seats	120											
Duration	2 Years											
Cut off marks/ Rank of admission during the last three years	<table border="1"> <thead> <tr> <th colspan="3">Cut off marks</th> </tr> <tr> <th>A.Y. 2019-20</th> <th>A.Y. 2018-19</th> <th>A.Y. 2017-18</th> </tr> </thead> <tbody> <tr> <td>25</td><td>09</td><td>01</td></tr> </tbody> </table>			Cut off marks			A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	25	09	01
Cut off marks												
A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18										
25	09	01										
Fee	Rs. 102000/-											
Placement Facilities	<p>The institute is having a dedicated infrastructure, “Dr. A P J Abdul Kalam Career Development Center”, for conducting the training and placement activities and is spread over 5078 sq.ft. Area.</p> <p>Following are the facilities available:</p> <p>1. 2 Computer Labs with 80 Computers</p>											

	<p>2. Video Conferencing Facility</p> <p>3. High speed Internet with speed 240 Mbps and Wi-Fi connectivity</p> <p>4. 2 Group Discussion Rooms</p> <p>5. 3 Personnel Interview Rooms</p> <p>6. Separate Pantry</p> <p>7. Both Gender Washrooms</p> <p>Training and Placement Cell organizes career guidance, training and personality development programs for the students throughout the year for their career</p>															
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Campus placement																
A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18														
12	17	20														
maximum salary	8.5 Lac Per Annum															
minimum salary	1.2 Lac Per Annum															
average salary	3.5 Lac Per Annum															

Name of the Programme	<b>Master's in Business Administration</b>
Number of seats	60
Duration	2 years

Cut off marks/ Rank of admission during the last three years	Cut off marks		
	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18
	54	33	31
Fee	A.Y. 2019-20		
	90000/-		
Placement Facilities	Placement assistance through institute T& P cell for SIP & final placement.		
Campus placement in last three years	Campus placement		
	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18
	12	08	10
	A.Y. 2019-20		
	maximum salary	8,00,000/- pa	
	minimum salary	1,40,000/-pa	
	average salary	3,00,000/-pa	

## 7. Faculty

### 7.1 Branch wise Faculty List:

#### 7.1.1 Permanent & Adhoc Faculty List:

Sr.No.	Employee Name	Designation	Employee Status	Job Profile	Dept. Short Code	Date of Joining
1	Nandurkar Keshav Nilkanth	PRINCIPAL	Permanent	Teach Technical	OFF	18/01/1988
2	Joshi Ajinkya Shamkant	ASST. PROF. & I/C REGISTRAR	Permanent And	Teach Technical	MBA	24/09/1991

			Approved			
3	Bagal Vandana Chetan	ASSO.PROF&I/CHOD	Permanent	Teach Technical	MCA	1/8/2007
4	Paranjpe Shekar Krishnaji	VISITING FACULTY	Daily Wages	Teach Technical	EXTC	18/01/2018
5	Sukhatme Sarvesh Abhay	ADJUNCT PROFESSOR	Adhoc	Teach Technical	EXTC	4/9/2020
6	Murugkar Milind Balbhim	PROFESSOR & HOD	Permanent And Approved	Teach Technical	MECH	26/07/1988
7	Sane Shirish Shrikrishna	PROFESSOR & HOD	Permanent And Approved	Teach Technical	COMP	12/9/1988
8	Kushare Bansidhar Eknath	PROFESSOR & HOD	Permanent And Approved	Teach Technical	ELEC	23/08/1989
9	Chandwadkar Dinesh Madhukar	PROFESSOR & HOD	Permanent And Approved	Teach Technical	EXTC	5/7/1990
10	Gangurde Sanjaykumar Ravaba	PROFESSOR	Permanent And Approved	Teach Technical	PROD	9/8/1993
11	Kute Sunil Yadavrao	PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	1/6/1994
12	Bandi Kallapa Shankar	PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	24/10/1994
13	Jadhao Pradip Dagadu	PROFESSOR & HOD	Permanent And Approved	Teach Technical	CIVIL	1/8/1996
14	Pawar Padmakar Jagannath	PROFESSOR & HOD	Permanent And Approved	Teach Technical	PROD	14/09/1996
15	Bhamre Preeti Dinesh	PROFESSOR & HOD	Permanent And Approved	Teach Technical	IT	1/8/1997
16	Kamalapur Snehal Mohan	PROFESSOR	Permanent And Approved	Teach Technical	COMP	16/07/1998
17	Dhake Pravinchandra Damodar	PROFESSOR	Permanent	Teach Technical	CIVIL	1/1/2000
18	Mane Venkat Suryabhan	PROFESSOR & HOD	Permanent And Approved	Teach Technical	CHEM	2/7/2001
19	Kushare Prashant	PROFESSOR	Permanent	Teach	MECH	17/07/2003

	Bhanudas		And Approved	Technical		
20	Morade Sunil Sudam	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/8/1989
21	Varne Ashok Lakshmanrao	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	9/8/1989
22	Date Tanuja Niranjan	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	ELEC	1/8/1990
23	Sewlikar Vinayak Manikrao	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	19/08/1991
24	Holkar Kailas Shankarrao	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	EXTC	28/09/1991
25	Shahane Nitin Madhukar	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	COMP	2/10/1991
26	Dhamal Sharad Sitaram	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	ELEC	24/08/1993
27	Munot Sanjivani Pravin	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/8/1996
28	Patil Vilas Karbhari	ASSOCIATE PROFESSOR	Permanent	Teach Technical	CIVIL	1/8/1996
29	Patil(Wagh) Sunita Aniruddha	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	EXTC	16/07/1998
30	Shelar Mahesh Nivrutti	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	MECH	23/09/1998
31	Gurule Nanasaheb Baburao	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	PROD	7/11/1998
32	Barahate Sanjay Dagu	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	MECH	8/7/1999
33	Patil Vijay Sahebrao	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	MECH	2/7/2002
34	Munje Ravindra Kacharu	ASSOCIATE PROFESSOR	Permanent And Approved	Teach Technical	ELEC	15/12/2012
35	Walkchaure	ASSOCIATE	Daily	Teach	CIVIL	1/8/2018

	Madhukar Ramchandra	PROFESSOR	Wages	Technical		
36	Gondhalekar Seema Kiran	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	31/01/1987
37	Khinde Ramesh Ramnath	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	4/10/1989
38	Kadbhane Chintaman Dattatray	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	18/10/1989
39	Shinde Sudhir Keshavrao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	1/12/1997
40	Shewale Atul Murlidhar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	17/08/1998
41	Patil Vilas Karbhari	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	3/9/1998
42	Patil Jitendra Dinkarrao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	1/7/2003
43	Purkar Santosh Vishnu	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	IT	17/07/2003
44	Vhatkar Sudarshan Ramchandra	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	28/07/2003
45	Jain Suyog Nandlal	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CHEM	1/7/2005
46	Kamble Amol Shankar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	PROD	10/9/2005
47	Bhandare Ramesh Vasant	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	1/7/2006
48	Takate Vishwas Ramkrishna	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/7/2006
49	Patil Atulkumar Sahebrao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	2/7/2007
50	Daware Gaurav Baburao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CHEM	2/7/2007

51	Joshi Mayuri Parag	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	2/7/2007
52	Vaidya Priti Prasad	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	2/7/2007
53	Bora Rupali Mahavir	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	IT	2/7/2007
54	Banait Satish Shankarrao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	2/7/2007
55	Malao Suruchi Mithilesh	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	2/7/2007
56	Mene Shilpa Prakash	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	IT	2/7/2007
57	Kadbhane Snehal Vasant	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	2/7/2007
58	Khond Vaibhav Vijay	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	2/7/2007
59	Mawal Vijay Namdeo	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CHEM	2/7/2007
60	Gunjal Sandip Baburao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	PROD	3/7/2007
61	Surwade Pravin Bhagwat	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	3/8/2007
62	Khairnar Sunita Suhas	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	29/08/2007
63	Jangle Nayana Nitin	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	12/9/2007
64	Mankar Jyoti Rajesh	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	21/05/2008
65	Joshi Piyush Prakash	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CHEM	22/05/2008
66	Shah Jaydeep Pradipkumar	ASSISTANT PROFESSOR	Permanent And	Teach Technical	ELEC	30/05/2008

			Approved			
67	Maniyar Mariyam Ejaz	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MCA	30/05/2008
68	Rane Archana Liladhar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MCA	1/7/2008
69	Priyadarshini C S	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	1/7/2008
70	Shimpi Deepali Chetan	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/7/2008
71	Sharma Neha Ganeshprasad	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	1/7/2008
72	Pillai Preeda Shinoj	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	1/7/2008
73	Jadhav Rutuja Harish	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	1/7/2008
74	Chothe Rupaliben Vilas	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/7/2008
75	Derle Sandip Nivrutti	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CHEM	1/7/2008
76	Deshmukh Shital Raosaheb	ASSISTANT PROFESSOR	Permanent	Teach Technical	IT	11/8/2008
77	Patil Chaitali Rahul	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	15/06/2009
78	Mahajan Monali Prashant	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	15/06/2009
79	Fegade Poonam Girish	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MCA	7/7/2009
80	Kanade Dhananjay Madhukar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	24/08/2009
81	Karpe Smita Amit	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	26/08/2009
82	Pardeshi Mohansing	ASSISTANT PROFESSOR	Permanent And	Teach Technical	MECH	15/06/2010

	Rameshsing		Approved			
83	Dhake Saroj Pravinchandra	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MBA	15/06/2010
84	Rahane Pawan Rameshwar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	17/06/2010
85	Patil Nivrutti Vishram	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	27/08/2012
86	Panchbhai Mangesh Pralhad	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	1/6/2013
87	Sonawane Nilesh Sham	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	1/6/2013
88	Bhujbal Nikhil Madhavrao	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/6/2013
89	Patil Smita Tulshiram	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	COMP	1/6/2013
90	Kale Shivaji Sopan	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	1/6/2013
91	Shelke Shraddha Vitthal	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	EXTC	1/6/2013
92	Chaudhari Smita Nilesh	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	IT	1/6/2013
93	Chaudhari Snehal Narendra	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	3/6/2013
94	Bhagure Amit Dashrath	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	4/6/2013
95	Rakhade Rahul Damodhar	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	MECH	17/06/2013
96	Pawar Abhijit Janardan	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
97	Rayjade Ganesh Ramkrishna	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
98	Nikam Jagruti Suresh	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
99	Birla Kushal Prakash	ASSISTANT PROFESSOR	Permanent	Teach Technical	COMP	15/06/2016

100	Navale Kiran Sudam	ASSISTANT PROFESSOR	Permanent	Teach Technical	EXTC	15/06/2016
101	Rade Minal Ramesh	ASSISTANT PROFESSOR	Permanent	Teach Technical	ELEC	15/06/2016
102	Bhadak Mugdha Vikas	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
103	Khalkar Mangesh Yashwant	ASSISTANT PROFESSOR	Permanent	Teach Technical	PROD	15/06/2016
104	Sonawane Manoj Sayaji	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
105	Bahiram Milind Rohidas	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
106	Sonawane Neha Vasant	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
107	Beldar Pankaj Ramanlal	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
108	Kavale Prashant Kalidas	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
109	Patil Puja Prakash	ASSISTANT PROFESSOR	Permanent	Teach Technical	EXTC	15/06/2016
110	Ahire Rupali Arun	ASSISTANT PROFESSOR	Permanent	Teach Technical	ELEC	15/06/2016
111	Bhaskar Rohit Vasantrao	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
112	Ajnadkar Shital Sarang	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
113	Mate Sonali Dinkar	ASSISTANT PROFESSOR	Permanent	Teach Technical	MECH	15/06/2016
114	Gadi Sunila	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
115	Pandit Suhas Uttam	ASSISTANT PROFESSOR	Permanent	Teach Technical	CIVIL	15/06/2016
116	Dongare Swanand Shantaram	ASSISTANT PROFESSOR	Permanent	Teach Technical	EXTC	15/06/2016
117	Gaikwad Vaibhav Subhash	ASSISTANT PROFESSOR	Permanent	Teach Technical	PROD	15/06/2016
118	Mondhe Parag Jayant	ASSISTANT PROFESSOR	Permanent	Teach Technical	EXTC	16/06/2016
119	Khartad Dipankar Dharmrakshit	ASSISTANT PROFESSOR	Permanent	Teach Technical	EXTC	3/2/2017
120	Pagare Namrata Motiram	ASSISTANT PROFESSOR	Permanent	Teach Technical	COMP	3/2/2017
121	Ahire Nilesh Ashok	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	CIVIL	1/11/2017
122	Pathak Prakash Laxman	ASSISTANT PROFESSOR	Permanent And	Teach Technical	CIVIL	1/11/2017

			Approved			
123	Thakre Mohan Purushottam	ASSISTANT PROFESSOR	Permanent And Approved	Teach Technical	ELEC	11/12/2017
124	Thakkar Sunil Chandrakant	ASSISTANT PROFESSOR (LECT-SR)	Daily Wages	Teach Technical	ELTX	23/12/2017
125	Tavare Ashwini Vinay	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	COMP	19/06/2018
126	Mandlik Anil Dattatraya	ASSISTANT PROFESSOR	Adhoc	Teach Technical	PROD	19/06/2018
127	Patil Bhushan Gulabrao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	19/06/2018
128	Mane Jaya Aniruddha	ASSISTANT PROFESSOR	Adhoc	Teach Technical	ELEC	19/06/2018
129	Somwanshi Kiran Narhari	ASSISTANT PROFESSOR	Adhoc 10+ Years Experience	Teach Technical	IT	19/06/2018
130	Patil Megha Jaysinghrao	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	COMP	19/06/2018
131	Ugale Mrunal Santosh	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	19/06/2018
132	Dixit Neha Shamkant	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	19/06/2018
133	Kaithi Nirmala Kumari	ASSISTANT PROFESSOR	Adhoc 10+ Years Experience	Teach Technical	EXTC	19/06/2018
134	Mane Rahul Sahebrao	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	ELEC	19/06/2018
135	Kumari Ruchi .	ASSISTANT PROFESSOR	Adhoc	Teach Technical	ELEC	19/06/2018
136	Mahale Tejmal Balu	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	CHEM	19/06/2018
137	Deshmukh Zameer Kadeer	ASSISTANT PROFESSOR	Adhoc 10+ Years Experience	Teach Technical	CHEM	19/06/2018
138	Deshmukh Bhupendra Vishram	ASSISTANT PROFESSOR	Adhoc	Teach Technical	ELEC	20/06/2018
139	Shahir Prachi Subhash	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	SCI	20/06/2018
140	Magar Ajinkya B	ASSISTANT	Daily	Teach	CIVIL	1/7/2018

		PROFESSOR	Wages	Technical		
141	Ranade Pankaj Balasaheb	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	9/7/2018
142	Ahire Pritamkumar Dilip	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	9/7/2018
143	Gade Shyam Appasaheb	ASSISTANT PROFESSOR	Adhoc	Teach Technical	COMP	16/07/2018
144	Borse Yogesh Vijayrao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	16/07/2018
145	Sangle Santosh Bhausaheb	ASSISTANT PROFESSOR	Adhoc	Teach Technical	PROD	20/06/2019
146	Gupta Geeta Ravindra	ASSISTANT PROFESSOR	Adhoc	Teach Technical	COMP	25/06/2019
147	Shinde Madhuri Namdeorao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	COMP	25/06/2019
148	Kadam Pratik Raosaheb	ASSISTANT PROFESSOR	Adhoc	Teach Technical	IT	29/07/2019
149	Valunj Chetan Dattatraya	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	21/08/2019
150	Ghirnikar Supriya Madhav	ASSISTANT PROFESSOR	Visiting	Teach Technical	SCI	21/08/2019
151	Sagare Snehal Arun	ASSISTANT PROFESSOR	Adhoc	Teach Technical	ELEC	8/1/2020
152	Ghadoje Swati Bhauraao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	20/01/2020
153	Jadhav Shweta Dinkar	ASSISTANT PROFESSOR	Adhoc	Teach Technical	COMP	28/02/2020
154	Visave Ajay Shantilal	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	2/3/2020
155	Taware Vrushali Sudhir	ASSISTANT PROFESSOR	Adhoc	Teach Technical	EXTC	2/3/2020
156	Parashar Varsha .	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CHEM	4/3/2020
157	Sawant Ganesh Rajendra	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	19/05/2020
158	Zalte Sagar Ashokrao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	EXTC	19/05/2020
159	Galande Vishal Ganpat	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	MECH	19/05/2020
160	Vaidya Apurv Anil	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	15/06/2020
161	Shinde Jagruti Ramchandra	ASSISTANT PROFESSOR	Adhoc	Teach Technical	EXTC	15/06/2020
162	Dhanait Mahendra Madhavrao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	15/06/2020

163	Rakibe Priya Dinkar	ASSISTANT PROFESSOR	Adhoc	Teach Technical	COMP	15/06/2020
164	Gokhale Sayli Girish	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	15/06/2020
165	Nichit Vikrant Dattatray	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MECH	15/06/2020
166	Gadge Shalmali Jagdish	ASSISTANT PROFESSOR	Adhoc	Teach Technical	MBA	23/06/2020
167	Suryawanshi Vinaykumar Nandulal	ASSISTANT PROFESSOR	Adhoc 5+ Years Experience	Teach Technical	COMP	23/06/2020
168	Madan Gayatri Sagar	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	2/12/2020
169	Dudhekar Anup Vasantrao	ASSISTANT PROFESSOR	Adhoc	Teach Technical	CIVIL	1/1/2021

### 7.1.2 Adjunct Faculty:

Sr. No.	Name of Adjunct Faculty Member	Designation
1	Prof.Sarvesh Sukhatme	Adjunct Faculty
2.	Mr. Shekhar Paranjpe	Visiting Faculty

### **7.1.3 Permanent Faculty: Student Ratio**

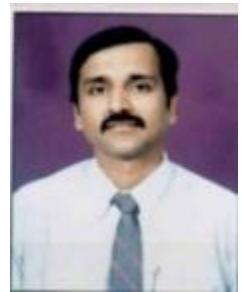
	<b>Permanent Faculty: Student Ratio</b>		
<b>Name of the Programme</b>	<b>A.Y. 2019-20</b>	<b>A.Y. 2018-19</b>	<b>A.Y. 2017-18</b>
Computer Engineering	16.11	15.22	13.71
Electronics & Telecom. Engineering	15.85	17.19	14.29
Electronics Engineering(II <sup>nd</sup> Shift)			
Production Engineering	17.91	18.57	16.73
Civil Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)		19.37	
Mechanical Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)	20.83	20.43	25.53
Electrical Engineering(I <sup>st</sup> & II <sup>nd</sup> Shift)	22.65	19.77	16.57
Chemical Engineering	24.44	21.36	17.41
Information Technology		15.03	
M.C.A.	21.25	18.20	15
M.B.A.	16.07	14.17	18.57

**7.**

## 2 Number of Faculty employed and left during the last three years:

Number of Faculty employed and left during the last three years						
	A.Y. 2019-20		A.Y. 2018-19		A.Y. 2017-18	
Name of the Programme	No. of Faculty Employed	No. of Faculty left	No. of Faculty Employed	No. of Faculty left	No. of Faculty Employed	No. of Faculty left
Computer Engineering	28	03	30	04	34	01
Electronics & Telecom. Engineering Electronics Engineering (II <sup>nd</sup> Shift)	26	01	26	07	26	02
Production Engineering	12	02	14	01	15	01
Civil Engineering			03	03	10	05
Mechanical Engineering	39	00	39	03	45	05
Electrical Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)	23	05	24	04	27	03
Chemical Engineering	09	03	11	01	12	01
Information Technology	10		11	01	12	02
M.C.A.	07	02	09	02	11	02
M.B.A.	07	01	07	01	09	05

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



### **Faculty Profile**

i.	Name	<a href="#"><u>Prof. (Dr.) Keshav N. Nandurkar</u></a>	
ii.	Date of Birth	August 11, 1965	
iii.	Unique ID	1-451942240	
iv.	Education Qualification	<a href="#"><u>Ph.D. (Mechanical) IIT, Bombay, M.E. (Production) VJTI, Mumbai</u></a>	
v.	Work Experience	Teaching:	35
		Research:	03
		Industry:	01
		Other	--
vi.	Area of Specialization	Production/ Operations Management, Industrial Engineering, Quality Management	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Production Planning and Control, Jig, Fixtures and Press tools, Production Management, Operation Research, Industrial Management, Materials and financial Management, Financial management and cost control, CAD/CAM/FMS, work study, Ergonomics and Safety
		Post Graduate	CAD/CAM/CIM, CIM and

			Advanced Manufacturing, Manufacturing Management, research Methodology
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	100
		Master	08
		Ph.D.	08
ix.	Project Carried out	02	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	100	
xiii.	No. of Books Published	01 Book Chapter	

## Faculty Profile



i.	Name	Prof. Dr. SANE SHIRISH SHRIKRISHNA	
ii.	Date of Birth	4 <sup>TH</sup> AUGUST, 1965	
iii.	AICTE Unique ID	1-440120901	
iv.	Education Qualification	M. Tech (CSE, IITB), Ph. D. (Comp Engg), COEP, Pune	
v.	Work Experience	Teaching:	34
		Research:	19
		Industry:	01
		Other	---
vi.	Area of Specialization	Data Science, Machine Learning, Databases, Compilers	
vii.	Course taught	Diploma level	---
		Post Diploma	---
		Under Graduate	Data Mining, Compilers
		Post Graduate	Information Retrieval, High Performance Databases
		Post Graduate Diploma	---
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	65
		Master	29
		Ph.D.	03
ix.	Project Carried out	AICTE MODROBS, UGC-Minor Research Scheme	

x.	Patents	None
xi.	Technology Transfer	None
xii.	Research Publications	65
xiii.	No. of Books Published	02

## Faculty Profile



i.	Name	Nitin M. Shahane	
ii.	Date of Birth	23 October 1966	
iii.	Unique ID	1-440014202	
iv.	Education Qualification	ME (Electronics Sp. In Computer Technology) Gold Medal, Ph. D (Pursuing)	
v.	Work Experience	Teaching:	29 yrs 4 months
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Digital Signal Processing, Digital Image Processing, Pattern Recognition, Data Mining, Data Communication, Data Compression, Cryptography, Neural Network, Fuzzy Logic, Artificial Intelligence, Natural Language Processing, Operations Research, Probability & Statistics, Network Design, Modeling & Analysis.	

vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	DSP, DC, DELD, CG, HCI
		Post Graduate	NDMA, ACN, PR, P&S, OR
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	26
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	International Journals: -20 Inter. Conf.: -5 National Conf.: -17	
xiii.	No. of Books Published	---	

### Faculty Profile



i.	Name	Dr. Snehal Mohan Kamalapur
ii.	Date of Birth	13 <sup>th</sup> March 1971

iii.	Unique ID	1-437014021	
iv.	Education Qualification	<ul style="list-style-type: none"> <li>• PhD (Computer Engineering), Savitribai Phule Pune University</li> <li>Topic of Research - Algorithmic Impact Analysis of Strategies and Parameters Variation on Particle Swarm Optimization</li> <li>• M.E. (Computer Engineering) Pune Institute of Computer Technology, University of Pune</li> </ul>	
v.	Work Experience	Teaching:	25
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Artificial Intelligence, Machine Learning	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	12
		Post Graduate	5
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	32
		Ph.D.	-
ix.	Project Carried out	1	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	14	
xiii.	No. of Books Published	2	

## Faculty Profile



i.	Name	Jyoti Rajesh Mankar	
ii.	Date of Birth	13-05-1981	
iii.	Unique ID	410475174	
iv.	Education Qualification	M.TECH (CSE)	
v.	Work Experience	Teaching:	14Years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Image processing, Compilers	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	10
		Post Graduate	10
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	15
		Master	15
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	4
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Ms. Neha G. Sharma									
ii.	Date of Birth	17/09/1983									
iii.	Unique ID	1-424625847									
iv.	Education Qualification	M.E Computer Science and Engineering									
v.	Work Experience	<table border="1" style="width: 100%;"> <tr> <td>Teaching:</td> <td>13 years</td> </tr> <tr> <td>Research:</td> <td>--</td> </tr> <tr> <td>Industry:</td> <td>--</td> </tr> <tr> <td>Other</td> <td>--</td> </tr> </table>		Teaching:	13 years	Research:	--	Industry:	--	Other	--
Teaching:	13 years										
Research:	--										
Industry:	--										
Other	--										
vi.	Area of Specialization	Algorithms, Data Mining, Machine learning									
vii.	Course taught	<table border="1" style="width: 100%;"> <tr> <td>Diploma level</td> <td>--</td> </tr> <tr> <td>Post Diploma</td> <td>--</td> </tr> <tr> <td>Under Graduate</td> <td>Software Engineering, Computer Network, Computer Network Laboratory, Network Information Security, Design and Analysis Of Algorithms, Computer Laboratory-I, Computer</td> </tr> </table>		Diploma level	--	Post Diploma	--	Under Graduate	Software Engineering, Computer Network, Computer Network Laboratory, Network Information Security, Design and Analysis Of Algorithms, Computer Laboratory-I, Computer		
Diploma level	--										
Post Diploma	--										
Under Graduate	Software Engineering, Computer Network, Computer Network Laboratory, Network Information Security, Design and Analysis Of Algorithms, Computer Laboratory-I, Computer										

			Laboratory-II, Theory of Computation, Data Structures And Algorithms, Data Structures Laboratory, Advanced Computer Architecture, Distributed Systems, Principles of Distributed and Concurrent Programming, Programming Laboratory –III, Data Analytics, Laboratory Practice I, Laboratory Practice III, Principles of Programming Languages						
		Post Graduate	Information Retrieval						
		Post Graduate Diploma	--						
viii.	Research Guidance	<table border="1"> <tr> <td>No. of papers published in National/ International Journals/Conferences</td><td>05</td></tr> <tr> <td>Master</td><td>--</td></tr> <tr> <td>Ph.D.</td><td>--</td></tr> </table>		No. of papers published in National/ International Journals/Conferences	05	Master	--	Ph.D.	--
No. of papers published in National/ International Journals/Conferences	05								
Master	--								
Ph.D.	--								
ix.	Project Carried out	Mining web navigation patterns with a path traversal graph							
x.	Patents	--							
xi.	Technology Transfer	--							
xii.	Research Publications	05							
xiii.	No. of Books Published	01							

### Faculty Profile



i.	Name	Mrs. Suruchi M. Malao	
ii.	Date of Birth	28-09-1983	
iii.	AICTE Unique ID	1-405853385	
iv.	Education Qualification	M.E. Computer Engg	
v.	Work Experience	Teaching:	16 yrs
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Artificial Intelligence, Machine Learning	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Programming and Problem Solving, Data Structures, Object Oriented Programming, Computer Graphics, Artificial Intelligence
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	7
		Master	1
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	13	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Wasudev Walmik Pingle	
ii.	Date of Birth	01/06/1987	
iii.	AICTE Unique ID	1-437160402	
iv.	Education Qualification	M.E. Computer Engineering	
v.	Work Experience	Teaching:	10 Years
		Research:	NIL
		Industry:	NIL
		Other	NIL
vi.	Area of Specialization	Artificial Intelligence, Information Security, Information Systems	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Fundamentals of Programming Languages I & II, Discrete Structures, Computer Graphics & Gaming, Software gineering, Finance & Management of Information Systems, Cyber Security, Distributed Systems, Data Communication & Wireless Sensor Networks, Artificial Intelligence, Multidisciplinary Natural Language Processing
		Post Graduate	Enterprise Resource Planning, Management of Information Systems
		Post Graduate Diploma	NIL

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	
		Ph.D.	
ix.	Project Carried out	NIL	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	NIL	
xiii.	No. of Books Published	NIL	

### Faculty Profile



i.	Name	Chaitali Rahul Patil	
ii.	Date of Birth	1/10/1985	
iii.	AICTE Unique ID	1-405853191	
iv.	Education Qualification	ME. Computer Engg.	
v.	Work Experience	Teaching:	13 years
		Research:	-
		Industry:	1.5
		Other	-
vi.	Area of Specialization	Data Structures, Image Processing	

vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Data Structures, object Oriented Programming, Data Communication, System Programming, Operating System
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	03
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	04	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Prof. Monali P. Mahajan
ii.	Date of Birth	21/5/1987
iii.	AICTE Unique ID	1-405853195
iv.	Education Qualification	ME Computer Engineering

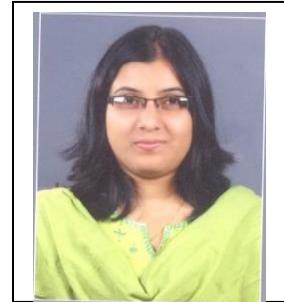
v.	Work Experience	Teaching:	11 years
		Research:	NIL
		Industry:	NIL
		Other	NIL
vi.	Area of Specialization	Information Retrieval , Image Processing	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Digital Electronics and Logic design,Microprocessor
		Post Graduate	NIL
		Post Graduate Diploma	NIL
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out	NIL	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	03	
xiii.	No. of Books Published	NIL	

### Faculty Profile



i.	Name	Namrata M. Pagare	
ii.	Date of Birth	21/11/1990	
iii.	AICTE Unique ID	1-2920296476	
iv.	Education Qualification	M. E. Computer Engineering	
v.	Work Experience	Teaching:	6 Years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Machine Learning and Image Processing	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	4
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	1
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	03	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Prof. Priti Prasad Vaidya	
ii.	Date of Birth	29/11/1983	
iii.	AICTE Unique ID	1-429709469	
iv.	Education Qualification	ME – Computer Engineering	
v.	Work Experience	Teaching:	16 years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Image Processing, Machine Learning, Computer Vision	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Computer Graphics, Object Oriented Programming, Software Testing & Quality Assurance, Data Structures, Software Engineering
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	1
		Ph.D.	-
ix.	Project Carried out	26 at UG level and 1 at PG level	

x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	8
xiii.	No. of Books Published	-

### **Faculty Profile**



i.	Name	Mrs. Ashwini Vinay Tavare	
ii.	Date of Birth	21/9/1980	
iii.	Unique ID	1-1443596957	
iv.	Education Qualification	M.Tech(IT)	
v.	Work Experience	Teaching:	11 years
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Database, Data mining	

vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	DBMS,OS,WT,BAI,SE,OOPM,SMD,ESIOT,AI&R
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Dhananjay M.Kanade
ii.	Date of Birth	18/12/1978

iii.	AICTE Unique ID		
iv.	Education Qualification	ME Computer Engineering	
v.	Work Experience	Teaching:	13
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Information and Cyber Security	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Information and Cyber Security, Cloud Computing, Computer Forensic, Software testing and Quality Assurance
		Post Graduate	2
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	2
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	7	
xiii.	No. of Books Published		

## Faculty Profile

K.K.Wagh Institute of Engineering Education & Research, Nashik



i.	Name	I. Priyadarshini	
ii.	Date of Birth	16-07-1984	
iii.	Unique ID	1-422463992	
iv.	Education Qualification	ME Computer Engineering	
v.	Work Experience	Teaching:	14 years
		Research:	NIL
		Industry:	NIL
		Other	NIL
vi.	Area of Specialization	Databases, Data mining, Internet of Things	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Database management system, Data mining, operating system, computer network, Internet of Things, Advanced Computer Architecture, Embedded Operating system, system programming
		Post Graduate	NIL
		Post Graduate Diploma	NIL
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	Conference : 3 International Journal :4
		Master	NIL
		Ph.D.	NIL
ix.	Project Carried out	NIL	
x.	Patents	NIL	

xi.	Technology Transfer	NIL
xii.	Research Publications	7
xiii.	No. of Books Published	NIL

## Faculty Profile



i.	Name	Ms. Megha Jaysingrao Patil	
ii.	Date of Birth	5 <sup>th</sup> October, 1987	
iii.	AICTE Unique ID	1-2185050993	
iv.	Education Qualification	M. E. (Computer Engineering)	
v.	Work Experience	Teaching:	9 Years
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Image Processing, Computer Vision	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Discrete Mathematics, Object Oriented Programming, System Programming and Operating System, Computer Graphics, Fundamentals of Programming Languages
		Post Graduate	

		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	03	
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Nilesh Sham Sonawane	
ii.	Date of Birth	26/04/1986	
iii.	AICTE Unique ID	1-1469170715	
iv.	Education Qualification	M. E. Computer Engineering	
v.	Work Experience	Teaching:	8 Years
		Research:	NIL

		Industry:	NIL
		Other	NIL
vi.	Area of Specialization	Automation, Pervasive Computing	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Microprocessor, Microprocessor and Microcontroller, Advanced Computer Architecture, Pervasive Computing, Cyber
		Post Graduate	Cyber Security
		Post Graduate Diploma	NIL
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	3
		Master	NIL
		Ph.D.	NIL
ix.	Project Carried out	NIL	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	NIL	
xiii.	No. of Books Published	NIL	

### Faculty Profile



i.	Name	Priya Dinkar Rakibe
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ii.	Date of Birth	31/10/1991	
iii.	AICTE Unique ID	Nil	
iv.	Education Qualification	M.E. Computer	
v.	Work Experience	Teaching:	08 Years
		Research:	Research award for M.E. Project
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Data mining, Security, AR,VR	
vii.	Course taught	Diploma level	Operating System, Computer Networks, Programming in C, Digital Electronics etc.
		Post Diploma	
		Under Graduate	System programming & operating systems, Computer Networks, Information systems & Engineering Economics, Web technology, Principles of Programming Language etc.
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	05
		Master	
		Ph.D.	
ix.	Project Carried out	Guided for student projects – Final Year Project ,Micro Projec, Mini Projec	
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	Mrs. Rutuja Harish Jadhav (Bhalerao)	
ii.	Date of Birth	10/12/1985	
iii.	Unique ID	1-405853515	
iv.	Education Qualification	M.E Computer Engineering	
v.	Work Experience	Teaching:	14 Years
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Algorithms, Data Mining, Machine learning	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Software Engineering, Network Information Security, Fundamentals Of Programming Language, Design and Analysis Of Algorithms, Computer Laboratory-I, Computer Laboratory-II, Theory of Computation, Data Structures And Algorithms, Data Structures Laboratory, Advanced Computer Architecture, Distributed Systems, Principles of Distributed and Concurrent Programming, Programming Laboratory –III, Data Analytics, Laboratory Practice I, Laboratory Practice III, Principles of Programming Languages, Data Mining and Warehousing,
		Post Graduate	--
		Post Graduate Diploma	--

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	07
		Master	--
		Ph.D.	--
ix.	Project Carried out	Performance Evaluation in Distributed System using Dynamic Load Balancing	
x.	Patents	--	
xi.	Technology Transfer		
xii.	Research Publications	07	
xiii.	No. of Books Published	--	

**Faculty Profile**



i.	Name	Shyamrao Appasaheb Gade
ii.	Date of Birth	02/05/1981
iii.	AICTE Unique ID	1-3180080941
iv.	Education Qualification	D. C. M (MSBTE), B. E Computer(SPPU), M. E. Computer(SPPU)

v.	Work Experience	Teaching:	11 Years	
		Research:	--	
		Industry:	1.2 Years	
		Other	--	
vi.	Area of Specialization	Internet Of Thing (IOT), Networking.		
vii.	Course taught	Diploma level	--	
		Post Diploma	--	
		Under Graduate	Programming and Problem Solving(FE), Fundamentals of Programming Languages- I&II (FE), Discrete Structure (SE), Embedded Operating System (TE) and Principle of Programming Language (TE). Principle of Compiler Design (BE), Network Information Security (BE)	
		Post Graduate	--	
		Post Graduate Diploma	--	
		No. of papers published in National/ International Journals/Conferences	01	
viii.	Research Guidance	Master	--	
		Ph.D.	--	
		--	--	
ix.	Project Carried out	--	--	
x.	Patents	--	--	
xi.	Technology Transfer	--	--	
xii.	Research Publications	05	--	

xiii.	No. of Books Published	--
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## Faculty Profile

i.	Name	Seema Kiran Gondhalekar	
ii.	Date of Birth	5 <sup>th</sup> Oct 1965	
iii.	AICTE Unique ID	1-2185418573	
iv.	Education Qualification	M. Tech. (CSE)	
v.	Work Experience	Teaching:	8 years
		Research:	-
		Industry:	-
		Other	27 years
vi.	Area of Specialization	Data structures and Algorithms	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Data Structures, Object oriented Programming, Database Management Systems
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-

ix.	Project Carried out	-
x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	2
xiii.	No. of Books Published	2

### **Faculty Profile**



i.	Name	Satish S. Banait	
ii.	Date of Birth	04/10/1976	
iii.	Unique ID	1-435827442	
iv.	Education Qualification	M.E. Computer Sci. & Engg. Ph. D (Pursuing)	
v.	Work Experience	Teaching:	13 Years
		Research:	03
		Industry:	03
		Other	----
vi.	Area of Specialization	Data Mining, Big Data, Software Testing, Software Engineering	

vii.	Course taught	Diploma level	-----
		Post Diploma	-----
		Under Graduate	Data Mining & Warehousing, Software Engineering, Software Testing & Quality Assurance, Object Oriented Modeling & Design, Software Modeling & Design, Software Architecture, Multimedia System, Fundamentals of Programming Language.
		Post Graduate	Data Mining, Web Mining, Advanced Storage System & Infrastructure Management, Distributed System
		Post Graduate Diploma	----
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	27
		Master	----
		Ph.D.	-----
ix.	Project Carried out	UG Projects Guided: 24  PG Projects Guided: 14	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	-	
xiii.	No. of Books Published	01	

## Faculty Profile

Scan Passport size photograph

i.	Name	Smita Tulshiram Patil	
ii.	Date of Birth	09/10/1982	
iii.	AICTE Unique ID	1-1490904835	
iv.	Education Qualification	ME Computer	
v.	Work Experience	Teaching:	08 years
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization		
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	CFCA, Software Engineering, Web Technology, Data Structure
		Post Graduate	Information Retrieval
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	-
		Ph.D.	-
ix.	Project Carried out	Video Subtitle Generation, In painting of Degraded Documents, Hand Gesture Recognition System for Deaf People, Chabot	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	-
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Kushal Prakash Birla	
ii.	Date of Birth	03/01/1988	
iii.	AICTE Unique ID	1-715070435	
iv.	Education Qualification	M.E. Computer Engineering.	
v.	Work Experience	Teaching:	11yrs
		Research:	1yr
		Industry:	-
		Other	-
vi.	Area of Specialization	Computer Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Artificial Intelligence, Web Technology.
		Post Graduate	-

		Post Graduate Diploma	-	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	National :01 International:02	
		Master	-	
		Ph.D.	-	
ix.	Project Carried out	Ongoing: Generalized framework for extracting meaningful data from web for data mining		
x.	Patents	2171/Mum/2015 (Status :Filed)		
xi.	Technology Transfer	-		
xii.	Research Publications	1 May,2013 Link Mining and Temporal Link Prediction	NJCST	Volume: 04 , Issue: 02 July – December – 2012
		2 April,2013 State Space Model for Link Mining	IJETTCS	Vol 2,Issue2, April 2013 Pg :296-298
		3 April,2012 Incremental Join Aggregate Algorithms Based On Compound Sliding Window	IJCA- 2012	Vol 4,pgs:5-12
xiii.	No. of Books Published	-		

## Faculty Profile



i.	Name	Ms. Shweta Dinkar Jadhav	
ii.	Date of Birth	24/11/1992	
iii.	AICTE Unique ID	1-3360204224	
iv.	Education Qualification	ME Computer Engineering	
v.	Work Experience	Teaching:	4 yrs 8 months
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Image Processing, Pattern Recognition, Augmented Reality and Virtual Reality	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Principles of programming languages, Fundamentals of Programming Languages-I, Fundamentals of Programming Languages-II, Computer Organization and Architecture, Software Modeling and Design, Object Oriented Programming, Information System and Engineering Economics
		Post Graduate	--
		Post Graduate Diploma	--

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	1. Template Matching and Its Application in Image Processing 2. Content based image retrieval using Gaussian Mixture Model based Subspace Representation 3. A Review on Content Based Image Retrieval using Mixture Model for Image Representation 4. Content Based Image Retrieval using Mixture of Subspaces Image Representation 5. Template Matching and Its Application in Image Processing 6. Android Based Vehicle Service Status Monitoring System 7. Vehicle Service Status Monitoring System	
xiii.	No. of Books Published	--	

## Faculty Profile



i.	Name	Mane Venkat Suryabhan
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ii.	Date of Birth	02/06/1978	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical) Ph. D	
v.	Work Experience	Teaching:	21 Years & 04 Months
		Research:	05 Years
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Mass Transfer I' Heat Transfer, Advanced Separation Processes, Process Engineering & Chemical Plant Design
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	21
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	21	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Mawal Vijay Namdeo	
ii.	Date of Birth	15/08/1978	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical) Ph. D (Appearing)	
v.	Work Experience	Teaching:	19 Years & 03 Months
		Research:	04 years
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Mass Transfer I, Heat Transfer, Plant Design &Project Engg. Chemical Plant Engg, Process Equipment Design II.
		Post Graduate	-
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	06
xiii.	No. of Books Published	-



### **Faculty Profile**

i.	Name	Jain Suyog Nandlal	
ii.	Date of Birth	02/06/1981	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E. Chemical, M.Tech (Chemical) Ph. D (Chemical)	
v.	Work Experience	Teaching:	19 Years
		Research:	10 Years
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	

vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Chemical Reaction Engineering, Fluid Flow Operations, Process Dynamic and control, Project Costing and Appraisal, Transport Phenomena
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	15 Nos.
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	13 Nos.	
xiii.	No. of Books Published	-	



### Faculty Profile

i.	Name	DawareGaurav Baburao
ii.	Date of Birth	22/11/1982
iii.	AICTE Unique ID	
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical) Ph. D (Appearing )

v.	Work Experience	Teaching:	15 Years & 06 months
		Research:	04
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Chemical Engineering Thermodynamics-II, Energy Conservation, Chemical Reaction Engineering -I, Project costing and appraisal, Processes Instrumentation Instrumental analysis, Mechanical Operation
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	12 Nos.
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	04 Nos.	
xiii.	No. of Books Published	-	



## Faculty Profile

i.	Name	Derle Sandip Nivrutti	
ii.	Date of Birth	10/02/1981	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical) Ph. D( Appearing)	
v.	Work Experience	Teaching:	15 Years
		Research:	03
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Process Modeling and Simulation, Principle of Design, Process Equipment Design-1, Process Calculations, Transport Phenomenon
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	05 Nos.
		Master	-
		Ph.D.	-
ix.	Project Carried out	01	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	02
xiii.	No. of Books Published	-



### Faculty Profile

i.	Name	DeshmukhZameerK.	
ii.	Date of Birth	02/08/1981	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical)	
v.	Work Experience	Teaching:	13 Years & 9 Months
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Process Modeling and Simulation, Chemical Plant Engg, Chemical Engg. Materials, Chemical Process Technology
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	05
		Master	-
		Ph.D.	-

ix.	Project Carried out	-
x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	-
xiii.	No. of Books Published	-



### Faculty Profile

i.	Name	Joshi PiyushPrakash	
ii.	Date of Birth	14/07/1986	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical)	
v.	Work Experience	Teaching:	13 Years & 7 Months
		Research:	-
		Industry:	
		Other	
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Chemical Engg. Thermodynamics, Chemical Process Synthesis, Chemical Engg. Design –II , industrial organization & Management, Nanotechnology, Process Instrumentation
		Post Graduate	-

		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	Applied for Patent on flyash Membrane for particulate capture	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	



### Faculty Profile

i.	Name	Mahale Tejmal Balu	
ii.	Date of Birth	20/05/1989	
iii.	AICTE Unique ID		
iv.	Education Qualification	B. Tech Chemical, M.Tech (Chemical)	
v.	Work Experience	Teaching:	06 Years & 05 Month

		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Chemical Engg. Thermodynamics-I & Chemical Engg. Thermodynamics-II, Petroleum Refining, Chemical engineering Mathematics , Principles of design
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02 Nos.
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	02 Nos.	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	V. Parashar	
ii.	Date of Birth	06/12/1988	
iii.	AICTE Unique ID	-	
iv.	Education Qualification	B.E.Chemical, M.Tech (Chemical)	
v.	Work Experience	Teaching:	07 Years & 05 Month
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Chemical Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Chemical Engg. Thermodynamics-II, Chemical engineering Mathematics, Chemical reaction Engg. -I
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02 Nos.
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	02	
xiii.	No. of Books Published	-	

## Faculty Profile



1	Name	Dr. Pradip D. Jadhao	
2	Date of Birth	11/10/1969	
3	Unique ID	1- 423123042	
4	Educational Qualification	Ph.D.	
5	Work Experience	Teaching - 27	
		Research -06	
		Industry -06	
		Other -	
6	Area of Specialization	Geotechnical Engineering	
7	Course taught	Diploma leval	-
		Post Diploma	-
		Under Graduate	Foundation Engineering Geotechnical Engineering
		Post Graduate	M.E. Structures
		Post Graduate Diploma	-
8	Research Guidence	No. of papers published in National/ International Journals/ Conferences	30
		Master	-
		PhD	05
9	Project Carried out	-	
10	Patents	-	
11	Technology Transfer	-	
12	Research Publications	30	
13	No. of Books Published	-	



### Faculty Profile

1	Name	Dr.Sunil Y. Kute	
2	Date of Birth	11/11/1966	
3	Unique ID	1 - 440262405	
4	Educational Qualification	Ph.D.	
5	Work Experience	Teaching – 28 Yrs.	
		Research -	
		Industry -	
		Other -	
6	Area of Specialization	Water Resources, Structural Engineering	
7	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Fluid Mechanics, Dams & Hydraulic Structures
		Post Graduate	Advanced Concrete Technology
		Post Graduate Diploma	-
8	Research Guidance	No. of papers published in National/ International Journals/ Conferences	110
		Master	50
		PhD	6
9	Project Carried out	-	
10	Patents	Applied for 2 patents	
11	Technology Transfer	-	
12	Research Publications	110	
13	No. of Books Published	In Progress – One Book	



### Faculty Profile

	Name	Dr. Ashok L. Varne	
2	Date of Birth	03/05/1964	
3	Unique ID	1 - 429709647	
4	Educational Qualification	Ph.D., ME (Env. Engg.), B.E. Civil	
5	Work Experience	Teaching – 32.5 years	
		Research -	
		Industry -	
		Other -	
6	Area of Specialization	Environmental Engineering	
7	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Environmental Engineering I Environmental Engineering II Quantity Surveying Contracts & Tenders
		Post Graduate	-
		Post Graduate Diploma	
8	Research Guidance	No. of papers published in National/ International Journals/ Conferences	12
		Master	
		PhD	
9	Project Carried out	1 (Under Minor Research Project of UGC, New Delhi 1997 -99)	
10	Patents	-	
11	Technology Transfer	-	
12	Research Publications	12	
13	No. of Books Published	-	

## Faculty Profile



i.	Name	Dr Vilas Karbhari Patil	
ii.	Date of Birth	26 July 1968	
iii.	AICTE Unique ID		
iv.	Education Qualification	BE Civil, ME Civil, PhD	
v.	Work Experience	Teaching:	25 years
		Research:	.....
		Industry:	1.5
		Other	.....
vi.	Area of Specialization	Transportation Engineering	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Transportation Engineering, Advanced Surveying, Surveying
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	14
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	Noise Mapping of Nashik City	

x.	Patents	Nil
xi.	Technology Transfer	Nil
xii.	Research Publications	14
xiii.	No. of Books Published	Nil

## Faculty Profile



i.	Name	Kadkhane Chintaman Dattatray	
ii.	Date of Birth	23/06/1966	
iii.	AICTE Unique ID		
iv.	Education Qualification	D.C.E, B.E. (Civil), M.E.(Structures)	
v.	Work Experience	Teaching:	32
		Research:	03
		Industry:	1
		Other	
vi.	Area of Specialization		
vii.	Course taught	Diploma level	Engineering Mechanics, Strength of materials, Mechanics of structures, Theory of structures, Design of steel structures, Design of RCC structures, Fluid Mechanics & Hydraulic Machinery, Transportation Engineering, Rural Engineering, Development of Life skills

		Post Diploma	
		Under Graduate	Engineering Mechanics, Architectural Planning & Design of Building, Structural Design-I, Earthquake Engineering, Quantity Surveying, contracts & Tenders,
		Post Graduate	Design of Industrial Steel Structures, Earthquake Resistant Design of Structures
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	01
		Master	03
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Sudarshan R. Vhatkar
ii.	Date of Birth	04 <sup>th</sup> April 1980
iii.	AICTE Unique ID	1-3323468859
iv.	Education Qualification	D.C.E., B.E (Civil), M.E. (Structures),

v.	Work Experience	Teaching:	19 Years
		Research:	05 Years
		Industry:	1 Year
		Other	
vi.	Area of Specialization	Structural Engineering	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	10
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	05
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Snehal Narendra Chaudhari	
ii.	Date of Birth	9 <sup>th</sup> February 1989	
iii.	AICTE Unique ID		
iv.	Education Qualification	B.E. Civil, M-Tech (Town and Country Planning)	
v.	Work Experience	Teaching:	10 Years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Town and Urban Planning	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Building Technology and Materials, Architectural Planning and Design of Buildings  Building Technology and Architectural Planning  Project Management and Engineering Economics  Hydrology and Water Resource Engineering  Airport and Bridge Engineering
		Post Graduate	
		Post Graduate Diploma	
		No. of papers published in National/ International Journals/Conferences	2
		Master	
viii.	Research Guidance	Ph.D.	
ix.	Project Carried out		

x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	-
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Nilesh A Ahire	
ii.	Date of Birth	1.08.1979	
iii.	AICTE Unique ID		
iv.	Education Qualification	M.E Hydraulics	
v.	Work Experience	Teaching:	9 years
		Research:	00
		Industry:	6 years
		Other	
vi.	Area of Specialization	Hydraulics	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Project Management and Engineering Economics, Geology, Fluid Mechanics-II
		Post Graduate	
		Post Graduate Diploma	

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Ganesh R Sawant	
ii.	Date of Birth	02/09/1990	
iii.	AICTE Unique ID		
iv.	Education Qualification	M. E. Geotechnical Engineering	
v.	Work Experience	Teaching:	07 Years
		Research:	--

		Industry:	01 Year
		Other	--
vi.	Area of Specialization	Geotechnical Engineering	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	12
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	12	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	Akanksha Vivek Pisolkar
----	------	-------------------------

ii.	Date of Birth	20/11/1991	
iii.	AICTE Unique ID		
iv.	Education Qualification	ME Structures	
v.	Work Experience	Teaching:	8Y 6M
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Structures	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Structures Design-III, Earthquake Engineering, Structural Analysis-II, Architectural Planning and design of building, Building material and technology, Hydropower Engineering, Engineering mechanics
		Post Graduate	Earthquake Engineering
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	-
		Ph.D.	-
ix.	Project Carried out	03	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Suhas U. Pandit	
ii.	Date of Birth	19 July 1985	
iii.	AICTE Unique ID	1-768784272	
iv.	Education Qualification	M.E. (Construction Management)	
v.	Work Experience	Teaching:	10
		Research:	00
		Industry:	00
		Other	00
vi.	Area of Specialization	Construction Management	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Systems Approach in Civil Engineering , Construction Management, Fluid Mechanics
		Post Graduate	Optimisation Techniques
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	
		Ph.D.	
ix.	Project Carried out		

x.	Patents	
xi.	Technology Transfer	
xii.	Research Publications	
xiii.	No. of Books Published	

## Faculty Profile



i.	Name	Sunila Gadi	
ii.	Date of Birth	05-12-1983	
iii.	AICTE Unique ID		
iv.	Education Qualification	M.E ,Structures	
v.	Work Experience	Teaching:	12 Years
		Research:	1.6 years
		Industry:	6 months
		Other	----
vi.	Area of Specialization	Structures	

vii.	Course taught	Diploma level	-
		Post Diploma	----
		Under Graduate	BCEE,Geotech,CT,Systems Approach,Engg.Mechanics
		Post Graduate	---
		Post Graduate Diploma	-----
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-----
		Master	---
		Ph.D.	--
ix.	Project Carried out	-----	
x.	Patents	-----	
xi.	Technology Transfer	-----	
xii.	Research Publications	2	
xiii.	No. of Books Published	-----	

## Faculty Profile



i.	Name	Ms. Neha Vasant Sonawane
ii.	Date of Birth	20/08/1992
iii.	AICTE Unique ID	

iv.	Education Qualification	M.E. (Environmental Engineering)	
v.	Work Experience	Teaching:	4 yrs 11 month
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Environmental Engineering	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Civil Engineering
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	
		Ph.D.	
ix.	Project Carried out	1Development of low cost treatment for chloride removal from water. 2. Feasibility study of banana plant extract as a coagulant.	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

## Faculty Profile



i.	Name	Prof. Mrunal S. Ugale	
ii.	Date of Birth	13 September 1988	
iii.	AICTE Unique ID	--	
iv.	Education Qualification	M.E. Structure	
v.	Work Experience	Teaching:	9 Years
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Structural Engineering	
vii.	Course taught	Diploma level	03
		Post Diploma	--
		Under Graduate	--
		Post Graduate	05
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	

xii.	Research Publications	2
xiii.	No. of Books Published	--

## Faculty Profile



i.	Name	Gayatri Sagar Madan	
ii.	Date of Birth	19/03/1993	
iii.	AICTE Unique ID	-	
iv.	Education Qualification	M.Tech.	
v.	Work Experience	Teaching:	02 years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	(Environmental Engineering)	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Foundation Engineering, Geotechnical Engineering, Hydrology and Water resources
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-

		Master	-
		Ph.D.	--
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	

### **Faculty Profile**



i.	Name	Dr. Dinesh Madhukar Chandwadkar	
ii.	Date of Birth	28/04/1965	
iii.	Unique ID	1-427002770	
iv.	Education Qualification	Ph. D. (Electronics & Telecommunication Engineering)	
v.	Work Experience	Teaching:	31 years 6 months
		Research:	5 years 6 months
		Industry:	1 year
		Other	Nil

vi.	Area of Specialization	Power Electronics and Automotive electronics	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	PE, BXE, Mechatronics
		Post Graduate	Fault tolerant systems
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	44
		Master	25
		Ph.D.	NA
ix.	Project Carried out	1, One ongoing	
x.	Patents	Filed 1 patent	
xi.	Technology Transfer	Nil	
xii.	Research Publications	Nil	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Dr. Kailas Shankarrao Holkar	
ii.	Date of Birth	12 <sup>th</sup> June 1967	
iii.	AICTE Unique ID	1-4223525243	
iv.	Education Qualification	BE, ME, PhD (Instrumentation)	
v.	Work Experience	Teaching:	29 yrs 5 months

		Research:	7 yrs 4 months (out of teaching exp.)	
		Industry:		
		Other		
vi.	Area of Specialization			
vii.	Course taught	Diploma level		
		Post Diploma		
		Under Graduate	1. Process Instrumentation 2. Control System 3. Electronic Measurement and Instrumentation 4. Mechanical Processes and Systems 5. Mechanical Measurement and Control 6. Biomedical Electronics/ Instrumentation 7. Basic Electronic Engineering 8. PLC and process automation	
		Post Graduate	Transducer design Advanced Electronic Instrumentation Process Instrumentation Latex	
		Post Graduate Diploma		
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2	
		Master	3	
		Ph.D.		
ix.	Project Carried out			

x.	Patents	
xi.	Technology Transfer	
xii.	Research Publications	9
xiii.	No. of Books Published	

## Faculty Profile



i.	Name	Mrs.Sanjivani Pravin Munot	
ii.	Date of Birth	04/05/1966	
iii.	AICTE Unique ID	1-441553261	
iv.	Education Qualification	Ph.D Pursuing M.E.(Electronics)	
v.	Work Experience	Teaching:	28 Yrs
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Signal Processing	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	EDC-I,EDC-II,IE,DE,BXE,NAL,NT,LIC,AC,EME,DCOM,DSP
		Post Graduate	Reconfigurable computing

		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	10
		Master	10
		Ph.D.	
ix.	Project Carried out		
x.	Patents	ONE patent filled on speech recognition and rectification for articulatory handicapped people	
xi.	Technology Transfer		
xii.	Research Publications	13	
xiii.	No. of Books Published	-----	

### Faculty Profile



i.	Name	Dr. Sunita A Patil	
ii.	Date of Birth	28 <sup>th</sup> June 1975	
iii.	AICTE Unique ID	1-407252376	
iv.	Education Qualification	PhD in Electronics	
v.	Work Experience	Teaching:	25 years
		Research:	4 years
		Industry:	0

		Other	0
vi.	Area of Specialization	Optical Fiber Communication, VLSI	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	VLSI, BCS
		Post Graduate	ASIC Design, System on chip, Mixed circuit Design
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	49
		Master	15
		Ph.D.	0
ix.	Project Carried out	SPPU BCUD scheme	
x.	Patents	Filed 1 patent	
xi.	Technology Transfer	0	
xii.	Research Publications	0	
xiii.	No. of Books Published	3	

### Faculty Profile



i.	Name	Sunil Sudam Morade
ii.	Date of Birth	18/08/1967

iii.	AICTE Unique ID	1-440261759	
iv.	Education Qualification	Ph.D.	
v.	Work Experience	Teaching:	27 years
		Research:	5 years
		Industry:	Six month
		Other (Teaching Assistant)	2years
vi.	Area of Specialization	Digital Signal processing and embedded system	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Microcontroller, Advanced Processor, Electromagnetic
		Post Graduate	Embedded System Design, Embedded signal processor
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	19
		Master	12
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	1 published	
xi.	Technology Transfer	-	
xii.	Research Publications	19	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Mr. Ramesh Ramnath Khinde.	
ii.	Date of Birth	13/06/1967	
iii.	AICTE Unique ID	1-422464231	
iv.	Education Qualification	M.E. E&TC	
v.	Work Experience	Teaching:	16 Years
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	VLSI & Embedded System	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Basic Electronics, Digital Electronics, Computer Network, Electronics System Design, Biomedical Electronics. Industrial Electronics.
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	02
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	02	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Mayuri Parag Joshi	
ii.	Date of Birth	13/10/1982	
iii.	Unique ID	1-422756137	
iv.	Education Qualification	M. E. Electronics & Telecommunication	
v.	Work Experience	Teaching:	16Y
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	VLSI and Embedded	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Internet of Things, VLSI Design and Technology, Audio Video Engineering, Wireless Sensor Network (WSN), Embedded system and RTOS, Integrated Circuit, Network Synthesis and filter Design, Computer organization and Architecture, Mechatronics, Basic Electronics Engineering.
		Post Graduate	Digital CMOS Design, Analog CMOS Design
		Post Graduate	-

		Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	FPGA Based creative transceiver with dynamic adaptability for realizable software defined radio	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	06	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Mrs. D. C. Shimpi
ii.	Date of Birth	06/04/1982
iii.	Unique ID	1-414225351
iv.	Education Qualification	M.E. (Electronics )

v.	Work Experience	Teaching:	14 years 4 months
		Research:	Nil
		Industry:	1.5 Years
		Other	Nil
vi.	Area of Specialization	Communication	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	EPD, DCOM, AC, PLC & automation, BXE
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	NA
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	One Ongoing	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	4	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Rupaliben Vilas Chothe
ii.	Date of Birth	22/01/1985

iii.	AICTE Unique ID	1-7352880460	
iv.	Education Qualification	M.E.(E & TC)	
v.	Work Experience	Teaching:	13 Years
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Electronics and Communication	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Electronics Circuits and Devices, Information Theory, Computer Networking
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	08
		Master	
		Ph.D.	
ix.	Project Carried out	E-Nose as a Vehicle Exhaust Analyzer Using Supervised Learning of ANN	
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	08	
xiii.	No. of Books Published		



## Faculty Profile

i.	Name	Takate Vishwas Ramkrishna	
ii.	Date of Birth	02/06/1977	
iii.	Unique ID	1-422756229	
iv.	Education Qualification	ME (E & TC)	
v.	Work Experience	Teaching:	12 years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	VLSI & Embedded system	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Signals and Systems, Discrete Time Signal Processing, Embedded System and RTOS and Basic Electronics Engineering.
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	

xi.	Technology Transfer	-
xii.	Research Publications	02
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Smita Amit Karpe (Shinde)	
ii.	Date of Birth	17/12/1985	
iii.	AICTE Unique ID	1-440261755	
iv.	Education Qualification	M.E. (Embedded and VLSI systems)	
v.	Work Experience	Teaching:	11 Years
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Signal Processing	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Basic Electronics Engineering, Digital Communication, System Programming and Operating System, Digital Image and Video Processing.
		Post Graduate	
		Post Graduate Diploma	

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	3
		Master	
		Ph.D.	
ix.	Project Carried out	Speech recognition system for articulatory handicapped people	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	Nikhil Madhavrao Bhujbal	
ii.	Date of Birth	29/06/1985	
iii.	AICTE Unique ID	1-1474098373	
iv.	Education Qualification	M.Tech (Electronics design & technology)	
v.	Work Experience	Teaching:	7 yrs
		Research:	
		Industry:	2 yrs
		Other	
vi.	Area of Specialization	Instrumentation system	

vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Instrumentation system, PLC & Applications, Automotive Electronics, Industrial Management, Process Automation, Electronics in Agriculture
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	
		Ph.D.	
ix.	Project Carried out	Instrumentation system for load cell. Shree engineering, pvt. Ltd., Nashik	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	Nil	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Shraddha.V.Shelke
ii.	Date of Birth	31 <sup>st</sup> December 1987
iii.	AICTE Unique ID	1-440120909
iv.	Education Qualification	M.E. Electronics & Telecommunication

v.	Work Experience	Teaching:	9
		Research:	0
		Industry:	0
		Other	0
vi.	Area of Specialization	VLSI and Embedded system	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Digital Electronics, Electromagnetics, Mini project, Electronic system design
		Post Graduate	System on chip
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	0
		Master	0
		Ph.D.	0
ix.	Project Carried out	0	
x.	Patents	0	
xi.	Technology Transfer	0	
xii.	Research Publications	5	
xiii.	No. of Books Published	0	

## Faculty Profile



i.	Name	Mr. Dipankar Dharmrakshit Khartad	
ii.	Date of Birth	07/11/1991	
iii.	AICTE Unique ID	1-2954229484	
iv.	Education Qualification	M. Tech (Electronics)	
v.	Work Experience	Teaching:	4 Years 8 Months
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Automotive Embedded System	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Basic Electronics Engineering, Data Structure and Algorithms, Internet of Things, Electronics System Design Practice
		Post Graduate	Nil
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	03
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	Consultancy: File management system for USB port and SD card	

		<p>based on DSP Processor TMS32028377D.</p> <p>Funded by ASPIRE (On-Going): Prediction and Detection of Obstacle for Vehicle Door Opening using Millimeter Wave Radar System</p>
x.	Patents	Nil
xi.	Technology Transfer	Nil
xii.	Research Publications	<ol style="list-style-type: none"> <li>1. DC Motor Speed Control using LabVIEW FPGA Modeling, Control Algorithm Simulation &amp; Implementation</li> <li>2. Designing of USB Based FAT32 File System for CNC Machine Using Dual Core DSP Processor</li> <li>3. USB File Handling System for CNC Machine using Dual Core DSP Processor</li> </ol>
xiii.	No. of Books Published	Nil

### Faculty Profile



i.	Name	Mr. Kiran Sudam Navale	
ii.	Date of Birth	05/06/1988	
iii.	AICTE Unique ID	1-716114009	
iv.	Education Qualification	M. E. (VLSI & Embedded Systems)	
v.	Work Experience	Teaching:	9 Years 5 Months

		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Power Electronics	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Power Electronics, Electrical Circuits & Machines, Advanced Power Electronics, Data Structure and Algorithms, Objected Oriented Programming,Biomedical Electronics
		Post Graduate	Nil
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	01
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	Funded by ASPIRE (On-Going):Prediction and Detection of Obstacle for Vehicle Door Opening using Millimeter Wave Radar System	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	1. Brian wave Computer interface System for Drowsiness Detection	
xiii.	No. of Books Published	Nil	



## Faculty Profile

i.	Name	PUJA PRAKASH PATIL	
ii.	Date of Birth	25/05/1988	
iii.	AICTE Unique ID	1-1475377633	
iv.	Education Qualification	M.TECH (VLSI Technology)	
v.	Work Experience	Teaching:	7 years 11 Months
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Communication	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Analog Communication, Data Communication, Basic Electronics Enginnering, Control System, IOT
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	

xi.	Technology Transfer	--
xii.	Research Publications	01
xiii.	No. of Books Published	--

## Faculty Profile



i.	Name	Swanand Shantaram Dongare	
ii.	Date of Birth	09/09/1989	
iii.	AICTE Unique ID	1-1471661338	
iv.	Education Qualification	B.E.(E&TC Engg.), M.E.(Microwave Engg.)	
v.	Work Experience	Teaching:	8 Years
		Research:	-
		Industry:	4 Months
		Other	-
vi.	Area of Specialization	Antenna & Microwave Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Electromagnetics, Antenna & Wave Propagation, Microwave Engineering, Optical & Microwave Communication
		Post Graduate	-
		Post Graduate Diploma	-
		No. of papers published in National/ International Journals/Conferences	6
viii.	Research Guidance	Master	-
		Ph.D.	-
		WiMAX and WLAN Band Notched Semi Annular Shaped Printed Monopole UWB Antenna with Integrated Bluetooth Band	
ix.	Project Carried out		
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Parag J. Mondhe	
ii.	Date of Birth	31/07/1991	
iii.	AICTE Unique ID	2373069304	
iv.	Education Qualification	ME (E&TC), BE (E&TC)	
v.	Work Experience	Teaching:	6 Yrs
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Signal Processing & Embedded Systems	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Mobile Communication, Mechatronics, Basic Electronics Engineering, Electronic Skills Development
		Post Graduate	Testing & Verification of VLSI Circuits, System on Chip, Reconfigurable Computing, Analog CMOS Design, Fault Tolerant System
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	

xi.	Technology Transfer	-
xii.	Research Publications	2
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Kaithi Nirmalakumari	
ii.	Date of Birth	21-09-1983	
iii.	Unique ID	1-422464133	
iv.	Education Qualification	M.Tech	
v.	Work Experience	Teaching:	12 Years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	VLSI Design	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	VLSI Design, Fundamentals of HDL, Basic Electronics Engineering, Audio & Video Engineering
		Post Graduate	Analog CMOS Design
		Post Graduate Diploma	-

viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	3	
xiii.	No. of Books Published	-	

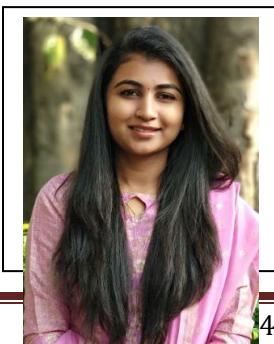
## Faculty Profile



i.	Name	Mr. Sagar Ashokrao Zalte	
ii.	Date of Birth	12/04/1991	
iii.	AICTE Unique ID	1-2954229484	
iv.	Education Qualification	M. E (E&TC)	
v.	Work Experience	Teaching:	6 Years 8 Months
		Research:	Nil

		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	VLSI and Embedded System	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Basic Electronics Engineering, Integrated Circuits, Digital Signal Processing, Information Theory & Coding Techniques
		Post Graduate	Nil
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	03
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	Nil	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	1. Study of Distributed File System for Big Data 2. Information Transmission System Based on Light Sensor using Manchester Coding 3. Light Sensor Based Information Transmission System	
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	Shinde Jagruti Ramchandra	
ii.	Date of Birth	22/4/1995	
iii.	AICTE Unique ID	1-7351506918	
iv.	Education Qualification	ME Electronics and Tele communication	
v.	Work Experience	Teaching:	1 year 8 Months
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	VLSI and Embedded Systems	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Electrical circuits and Machines, Biomedical Electronics, Radiation and microwave techniques
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

## Faculty Profile



i.	Name	Ms. Vrushali Sudhir Taware	
ii.	Date of Birth	2nd November 1993	
iii.	AICTE Unique ID	1-8106273648	
iv.	Education Qualification	M.E. E&TC	
v.	Work Experience	Teaching:	9 months
		Research:	0
		Industry:	2 Years
		Other	0
vi.	Area of Specialization	Electronics and Telecommunication	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Power Electronics and Applications (Electronics and Telecommunication)
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	0
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	

xi.	Technology Transfer	-
xii.	Research Publications	-
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Prof. Dr. B. E. Kushare	
ii.	Date of Birth	27/05/1965	
iii.	Unique ID	1-445109694	
iv.	Education Qualification	Ph.D.	
v.	Work Experience	Teaching:	32 years
		Research:	18 years
		Industry:	15 years as a consultant
		Other	Certified Energy Auditor: 12 years
vi.	Area of Specialization	1. Power Quality Management	

		2. Energy Management & Audit	
		3. Condition Monitoring	
		4. Renewable Energy	
vii.	Course taught	Diploma level Post Diploma Under Graduate Post Graduate Post Graduate Diploma	4 years Nil 25 years 12 years Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences  Master  Ph.D.	International Journals: 22 National Journals: 04 International Conference: 31  29  04 Awarded 05 Ongoing
ix.	Project Carried out	DST: 01  AICTE MODROB: 02  UGC Minor Research: 02	
x.	Patents	Patent Filed: 01	
xi.	Technology Transfer	Nil	
xii.	Research Publications	72	
xiii.	No. of Books Published	06  01: Handbook	

## Faculty Profile



i.	Name	<b>Ashok. Mithoolal. Jain</b>	
ii.	Date of Birth	09.12.1960	
iii.	AICTE Unique ID	1-422464137	
iv.	Education Qualification	M.E. ( Electrical Control System)	
v.	Work Experience	Teaching:	35 Years
		Research:	5 Yrs
		Industry:	--
		Other	--
vi.	Area of Specialization		
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Electrical
		Post Graduate	Control System
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	72
		Master	19
		Ph.D.	00
ix.	Project Carried out	02	

x.	Patents	--
xi.	Technology Transfer	--
xii.	Research Publications	02
xiii.	No. of Books Published	07

## Faculty Profile



i.	Name	Ravindra Kacharu Munje	
ii.	Date of Birth	17/11/1983	
iii.	Unique ID	1-1493535543	
iv.	Education Qualification	Ph.D. (Electrical), ME(Electrical), BE (Electrical)	
v.	Work Experience	Teaching:	13 Years and 4 Months
		Research:	2 Years
		Industry:	4 Months
		Other	NA
vi.	Area of Specialization	Control Systems	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Control Systems, Power Electronics
		Post Graduate	Modern Control Theory, Research Methodology
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	52

		Master	8
		Ph.D.	NIL
ix.	Project Carried out	3	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	52	
xiii.	No. of Books Published	1	

## Faculty Profile



i.	Name	Tanuja Niranjan Date	
ii.	Date of Birth	25 Nov 1962	
iii.	AICTE Unique ID	1-424151343	
iv.	Education Qualification	ME Electrical With Power Electronics	
v.	Work Experience	Teaching:	31
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Power Electronics	

vii.	Course taught	Diploma level	--
		Post Diploma	---
		Under Graduate	Basic Electrical Engg, Numerical Methods and Comp Programming, Power Systems, Power Electronics, Power Quality, Power Electronics Controlled Drives
		Post Graduate	HVDC & FACTS, Adv Power Electronics, Power Quality Assessment and Mitigation
		Post Graduate Diploma	---
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	36
		Master	16
		Ph.D.	--
ix.	Project Carried out		
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	36	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Jitendra Dinkarrao Patil
ii.	Date of Birth	15/06/1977

iii.	AICTE Unique ID	1-424150585	
iv.	Education Qualification	BE (Electrical) ME (Electrical-Control Systems)	
v.	Work Experience	Teaching:	10.5 Years
		Research:	--
		Industry:	--
		Other	10 Years (Technical Assistant)
vi.	Area of Specialization	Electrical-Control Systems	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	BEE, EMI, EMC-I, EMC-II, DEM, CS-II, ET
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	05
		Master	--
		Ph.D.	--
ix.	Project Carried out	09	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	---	

## Faculty Profile



i.	Name	Nayana Nitin Jagle											
ii.	Date of Birth	9th December 1977											
iii.	AICTE Unique ID	1-405608827											
iv.	Education Qualification	M.E.											
v.	Work Experience	<table border="1"><tr><td>Teaching:</td><td>19 Years</td></tr><tr><td>Research:</td><td>Nil</td></tr><tr><td>Industry:</td><td>Nil</td></tr><tr><td>Other</td><td>1 Year</td></tr></table>		Teaching:	19 Years	Research:	Nil	Industry:	Nil	Other	1 Year		
Teaching:	19 Years												
Research:	Nil												
Industry:	Nil												
Other	1 Year												
vi.	Area of Specialization	Control System, Power Quality											
vii.	Course taught	<table border="1"><tr><td>Diploma level</td><td>Basic Electrical Engineering, Electrical Technology</td></tr><tr><td>Post Diploma</td><td>--</td></tr><tr><td>Under Graduate</td><td>Analog &amp; Digital Electronic, Numerical Methods &amp; Computer Programming, Basic Electrical Engineering</td></tr><tr><td>Post Graduate</td><td>--</td></tr><tr><td>Post Graduate Diploma</td><td>--</td></tr></table>		Diploma level	Basic Electrical Engineering, Electrical Technology	Post Diploma	--	Under Graduate	Analog & Digital Electronic, Numerical Methods & Computer Programming, Basic Electrical Engineering	Post Graduate	--	Post Graduate Diploma	--
Diploma level	Basic Electrical Engineering, Electrical Technology												
Post Diploma	--												
Under Graduate	Analog & Digital Electronic, Numerical Methods & Computer Programming, Basic Electrical Engineering												
Post Graduate	--												
Post Graduate Diploma	--												
viii.	Research Guidance	<table border="1"><tr><td>No. of papers published in National/ International Journals/Conferences</td><td>14 (total 23)</td></tr><tr><td>Master</td><td>09</td></tr><tr><td>Ph.D.</td><td>Nil</td></tr></table>		No. of papers published in National/ International Journals/Conferences	14 (total 23)	Master	09	Ph.D.	Nil				
No. of papers published in National/ International Journals/Conferences	14 (total 23)												
Master	09												
Ph.D.	Nil												

ix.	Project Carried out	Nil
x.	Patents	Nil
xi.	Technology Transfer	Nil
xii.	Research Publications	23
xiii.	No. of Books Published	Nil

### **Faculty Profile**



i.	Name	<b>Ganesh Nandkumar Jadhav</b>	
ii.	Date of Birth	20/02/1981	
iii.	AICTE Unique ID	1-2491327253	
iv.	Education Qualification	ME Electrical Power Systems	
v.	Work Experience	Teaching:	16
		Research:	0
		Industry:	0
		Other	0
vi.	Area of Specialization	Electrical Power System	

vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Analog and Digital Electronics Power System-I and II Power System Operation and Control Basic Electrical Engineering Numerical Methods and Computer Programming
		Post Graduate	Computer Applications in Power Systems
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	International Conference: 12 National Conference: 02
		Master	12 students
		Ph.D.	Nil
ix.	Project Carried out	Masters: 12 projects UG: 6 projects	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	International Conference: 12 National Conference: 02	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Shah Jaydeep Pradipkumar
ii.	Date of Birth	01/02/1984

iii.	AICTE Unique ID	1-445109060	
iv.	Education Qualification	M.E. Electrical (Control Systems)	
v.	Work Experience	Teaching:	12 years 10 months
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Smart Grid, Electric & Hybrid Vehicles	
vii.	Course taught	Diploma level	Industrial Management, Electrical Power Transmission & Distribution
		Post Diploma	-
		Under Graduate	Smart Grid, Electric & Hybrid Vehicles, Industrial & Technology Management, Electrical Installation Maintenance & Testing, Electrical & Electronics Engineering (SE Mech), Basic Electrical Engineering, Fundamentals of Microcontroller Application
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	5	
xiii.	No. of Books Published	-	



## Faculty Profile

i.	Name	Jaya Aniruddha Mane	
ii.	Date of Birth	11/02/1990	
iii.	Unique ID	1-2899489731	
iv.	Education Qualification	M.E (Power System)	
v.	Work Experience	Teaching:	4.10 Yrs
		Research:	--
		Industry:	3.2 Yrs
		Other	--
vi.	Area of Specialization	Power System	
vii.	Course taught	Diploma level	---
		Post Diploma	---
		Under Graduate	BEE, EAM, PGT, FMA, AMCA
		Post Graduate	---
		Post Graduate Diploma	---
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	2
		Ph.D.	---
ix.	Project Carried out	4	

x.	Patents	---
xi.	Technology Transfer	---
xii.	Research Publications	2
xiii.	No. of Books Published	---

## Faculty Profile



i.	Name	Atul Murlidhar Shewale	
ii.	Date of Birth	December 12, 1971	
iii.	AICTE Unique ID	1-424150677	
iv.	Education Qualification	ME (Electrical-Control Systems)	
v.	Work Experience	Teaching:	10 Years and 09 Months
		Research:	---
		Industry:	05 Years and 09 Months
		Other	11 Years and 04 Months
vi.	Area of Specialization	Switchgear & Protection, Power Electronics, PLC & SCADA	
vii.	Course Taught	Diploma level	---
		Post Diploma	---
		Under Graduate	Basic Electrical Engineering, Electrical Installation Testing & Maintenance, Electrical Technology, Utilization of Electrical Energy, PLC & SCADA Its Applications,

			Switchgear & Protection
		Post Graduate	---
		Post Graduate Diploma	---
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	---
		Ph.D.	---
ix.	Project Carried out	08	
x.	Patents	---	
xi.	Technology Transfer	---	
xii.	Research Publications	---	
xiii.	No. of Books Published	---	

### Faculty Profile



i.	Name	Bhupendra V Deshmukh	
ii.	Date of Birth	27/12/1985	
iii.	AICTE Unique ID	1-3185130700	
iv.	Education Qualification	M.Tech (Power electronics)	
v.	Work Experience	Teaching:	8 year

		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Power Electronics	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Network analysis, Basic electrical engineering ,power electronics
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	02
		Ph.D.	
ix.	Project Carried out	“Small-Signal Stability analysis of Wind/Diesel/Storage Renewable Energy System in Time Domain MATLAB Simulation”	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	02	
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	<b>Dr. Mohan P. Thakre</b>	
ii.	Date of Birth	30/06/1981	
iii.	AICTE Unique ID	1-3591275034	
iv.	Education Qualification	M.Tech, Ph.D. (Electrical Engineering)	
v.	Work Experience	Teaching:	07
		Research:	05
		Industry:	02
		Other	
vi.	Area of Specialization	Power System Protection, Numerical relaying, Flexible A.C. transmission system (FACTS), Electrical Vehicle	
vii.	Course taught	Diploma level  Post Diploma  Under Graduate  Post Graduate  Post Graduate Diploma	Utilization of electrical energy Electrical circuit Network Electrical Technology  Basic Electrical Engineering (B.E.E) Power System –I Electrical Machines  Flexible A.C Transmission system(FACTS) & HVDC Power System Protection  
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences  Master  Ph.D.	22  06  -
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	35	
xiii.	No. of Books Published	01	

## Faculty Profile



i.	Name	Ruchi Kumari	
ii.	Date of Birth	22/08/1987	
iii.	AICTE Unique ID	1-2683053247	
iv.	Education Qualification	Masters in Engineering	
v.	Work Experience	Teaching:	8 yrs
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Power Electronics	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Power Electronics, HVDC & FACTS, Network Analysis, Basic Electrical.
		Post Graduate	Advanced Power Electronics, Digital Signal Processing
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	03
		Master	
		Ph.D.	
ix.	Project Carried out	03	

x.	Patents	
xi.	Technology Transfer	
xii.	Research Publications	03
xiii.	No. of Books Published	

### **Faculty Profile**



i.	Name	<b>Sharad S. Dhamal</b>	
ii.	Date of Birth	10/7/1964	
iii.	AICTE Unique ID	1-447674510	
iv.	Education Qualification	M. E. (Electrical Machines) Perusing Ph.D.	
v.	Work Experience	Teaching:	27
		Research:	
		Industry:	
		Other	

vi.	Area of Specialization	Electrical Machines	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	1. Electrical Machines-II, 2. Design of Electrical Machines 3. Power System-II
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	29
		Master	05
		Ph.D.	Nil
ix.	Project Carried out	Online condition monitoring of three phase induction motor by digital signaling process method	
x.	Patents	Nil	
xi.	Technology Transfer	-	
xii.	Research Publications	5	
xiii.	No. of Books Published	Nil	

## **Faculty Profile**

i.	Name	SUNITA SUHAS KHAIRNAR
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ii.	Date of Birth	11 <sup>th</sup> December 1962	
iii.	AICTE Unique ID	1-424150589	
iv.	Education Qualification	ME Electrical (Control System)	
v.	Work Experience	Teaching:	25 Yrs
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Control systems, Electrical machines.	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Control System-II(BE),Digital control system(BE) Control System-I(TE), Basic electrical engineering(FE)
		Post Graduate	Process Control management, CACSD
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	Nil
		Master	14
		Ph.D.	Nil
ix.	Project Carried out	Nil	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	Nil	
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	SHINDE SUDHIR KESHAVRAO	
ii.	Date of Birth	16 <sup>th</sup> December 1970.	
iii.	AICTE Unique ID	I-717761923	
iv.	Education Qualification	M.E.(Electrical Power Systems)	
v.	Work Experience	Teaching:	08 yrs.
		Research:	--
		Industry:	03 yrs.
		Other	14 yrs.
vi.	Area of Specialization	Electrical Power System	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	BEE, EMI, EMC-I, ET, EIMT, SGP, PQ
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	--
		Ph.D.	--
ix.	Project Carried out	07	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	

xiii.	No. of Books Published	--
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### Faculty Profile

i.	Name	Rupali Arun Ahire	
ii.	Date of Birth	Jan 03 1992	
iii.	AICTE Unique ID	1-2651521615	
iv.	Education Qualification	BE (Electrical) ME (Electrical- Power System)	
v.	Work Experience	Teaching:	6 Years 11 Months
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Switchgear & Protection systems, Power system protection	
vii.	Course taught	Diploma level	Fundamentals of Electrical Engg., Energy Audit, Electrical circuit Networks , Electrical Measurements, Industrial Instrumentation.
		Post Diploma	--
		Under Graduate	Basic Electrical Engg, Electrical & Electronics Engg, Electrical Installation Maintenance & Testing.
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	01
		Master	Nil
		Ph.D.	Nil

ix.	Project Carried out	02
x.	Patents	--
xi.	Technology Transfer	--
xii.	Research Publications	02
xiii.	No. of Books Published	--

### Faculty Profile



i.	Name	Snehal Arun Sagare	
ii.	Date of Birth	21/06/1992	
iii.	AICTE Unique ID	1-2651761977	
iv.	Education Qualification	M.E	
v.	Work Experience	Teaching:	5.5 yrs
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Grid Control, Renewable Resources.	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Basic Electrical Engineering, Electric & Hybrid Vehicle, Electrical & Electronics Engineering, Industrial & Technology Management.

		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	2	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Minal Ramesh Rade
ii.	Date of Birth	09/03/1990
iii.	AICTE Unique ID	1-2651521866
iv.	Education Qualification	BE (Electrical)  ME (Electrical-Power Systems)

v.	Work Experience	Teaching:	5.5 Years
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Energy Storage, Hybrid Energy Storage, Electric Vehicle	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Power Generation Technology, Basic Electrical Engineering, Electrical Technology, Electronic & Electrical Engineering, Power System Operation and Control. Power System-I
		Post Graduate	--
		Post Graduate Diploma	--
		No. of papers published in National/ International Journals/Conferences	--
viii.	Research Guidance	Master	--
		Ph.D.	--
		Efficient Hybrid Energy Storage for Plug-in Electric Vehicle (ME Dissertation)	
ix.	Project Carried out	Efficient Hybrid Energy Storage for Plug-in Electric Vehicle (ME Dissertation)	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	04	
xiii.	No. of Books Published	--	

## **Faculty Profile**



i.	Name	Prof. Dr. Preeti Dinesh Bhamre	
ii.	Date of Birth	29/11/1973	
iii.	Unique ID	1-423123192	
iv.	Education Qualification	B.E (E/TC), M.E(E/TC), Ph. D(E/TC)	
v.	Work Experience	Teaching:	24 Years 1Months
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Electronics and Telecommunication Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	DELD, FCN, BXE, GIS, PAI, CO.
		Post Graduate	WSN
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	6 Papers
		Master	3 Students
		Ph.D.	-

ix.	Project Carried out	01 (BCUD)
x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	Conference= National-05, International-13 Journal=National-02, International-04
xiii.	No. of Books Published	-



### **Faculty Profile**

i.	Name	SANTOSH VISHNU PURKAR	
ii.	Date of Birth	1 <sup>ST</sup> MAY 1977	
iii.	AICTE Unique ID		
iv.	Education Qualification	M.Tech.	
v.	Work Experience	Teaching:	16
		Research:	NIL
		Industry:	NIL
		Other	NIL
vi.	Area of Specialization	Wireless Sensor Network	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Basics of computer network and Computer Network
		Post Graduate	

		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/International Journals/Conferences	5
		Master	NIL
		Ph.D.	NIL
ix.	Project Carried out	NIL	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	NIL	
xiii.	No. of Books Published	NIL	

### Faculty Profile



i.	Name	Poonam B. Mahale	
ii.	Date of Birth	07/09/1990	
iii.	AICTE Unique ID	52201477226	
iv.	Education Qualification	M.E Computer	
v.	Work Experience	Teaching:	8
		Research:	-

		Industry:	-	
		Other	-	
vi.	Area of Specialization			
vii.	Course taught	Diploma level	-	
		Post Diploma	-	
		Under Graduate	Software Design & Modeling, Internet of things, Cloud Computing, Software Architecture, Management Information System, Software Engineering , Multimedia technology, Information storage & retrieval,	
		Post Graduate		
		Post Graduate Diploma		
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences		
		Master		
		Ph.D.		
ix.	Project Carried out			
x.	Patents			
xi.	Technology Transfer			
xii.	Research Publications	02 paper published		
xiii.	No. of Books Published			

## Faculty Profile



i.	Name	Rupali M. Bora	
ii.	Date of Birth	6 <sup>th</sup> June 1981	
iii.	AICTE Unique ID		
iv.	Education Qualification	M.E.Computer Engg., B. E.Computer Engg.	
v.	Work Experience	Teaching:	14 Years (Since January 2007)
		Research:	NIL
		Industry:	2 Years
		Other	NIL
vi.	Area of Specialization	Computer Engineering	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	Machine Learning, Data Science and Big Data Analytics, Operating System, Multimedia Techniques, System Programming, Database Management System, Modern Compiler, Distributed Systems, Discrete Structures, Theory of Computation
		Post Graduate	NIL
		Post Graduate Diploma	NIL
		No. of papers published in National/ International Journals/Conferences	14
viii.	Research Guidance	Master	NIL
		Ph.D.	NIL

ix.	Project Carried out	WSN for Greenhouse Environment Monitoring under BCUD Research Project Grant (2014-16)
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x.	Patents	METHOD AND SYSTEM FOR SECURING WOMEN WITH SAFETY DEVICE – Publication Date: 01/06/2018
xi.	Technology Transfer	Training course conduction for Oracle Database for Third/Final year students of IT, Computer, MCA for last 5 years
xii.	Research Publications	10 papers
xiii.	No. of Books Published	02 – Multimedia Technologies & Machine Learning

### **Faculty Profile**



i.	Name	Mrs. Smita Nilesh Chaudhari	
ii.	Date of Birth	28-7-1980	
iii.	AICTE Unique ID	1-423123388	
iv.	Education Qualification	M.E.(E&TC)	
v.	Work Experience	Teaching:	15 Years 7 months
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	IoT	

vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Digital Electronic and Logic Design, Computer Organization, Bio Informatics, Processor Architecture and Interfacing, Usability Engineering
		Post Graduate	Nil
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	11
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	“Electrical Modeling of Photonic Crystal Resonant Cavities” BCUD granted project (2014-16), worked as co-investigator	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	Nil	
xiii.	No. of Books Published	01	

## Faculty Profile

K.K.Wagh Institute of Engineering Education & Research, Nashik



i.	Name	Shilpa Prakash Mene	
ii.	Date of Birth	4 <sup>th</sup> June 1985	
iii.	Unique ID	1-423123200	
iv.	Education Qualification	M.E. (Computer), B.E. (IT)	
v.	Work Experience	Teaching:	13 years
		Research:	NA
		Industry:	--
		Other	--
vi.	Area of Specialization	Computer Engineering	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Natural Language Processing, System Programming, Database Management System, Data structures and files, Distributed System, Information Retrieval
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	01
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	Conduction of workshop for SE students of IT on “C and C++”	
xii.	Research Publications	09	
xiii.	No. of Books Published	--	



## Faculty Profile

i.	Name	Deshmukh Shital Raosaheb	
ii.	Date of Birth	20 <sup>th</sup> April 1985	
iii.	AICTE Unique ID	1 - 424068466	
iv.	Education Qualification	ME (Computer)	
v.	Work Experience	Teaching:	12 Years 3 Months
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Computer Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Data Structures & Files, Theory of Computation, Operating System, System Programming, Information Storage & Retrieval, Cloud Computing, Distributed System
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	03
xiii.	No. of Books Published	-



i.	Name	Murugkar Milind Balbhim	
ii.	Date of Birth	26/07/1988	
iii.	Unique ID	1-448026575	
iv.	Education Qualification	M.Tech (IIT, Mumbai)	
v.	Work Experience	Teaching:	29 yrs
		Research:	-
		Industry:	02 yrs
		Other	-

vi.	Area of Specialization	Energy Systems Engineering	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Thermal Engineering, Thermodynamics, Refrigeration and Air Conditioning, Power Plant Engineering.
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	--
		Ph.D.	--
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	--	
xii.	Research Publications	05	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	Dr.Prashant Bhanudas Kushare
ii.	Date of Birth	13/12/1974
iii.	AICTE Unique ID	1-422694609
iv.	Education Qualification	Ph.D (Mechanical Engineering )

v.	Work Experience	Teaching:	18
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Machine Design and Tribology	
vii.	Course taught	Diploma level	---
		Post Diploma	---
		Under Graduate	Design of Machine Elements-I, Design of Machine Elements-II Mechanical System Design
		Post Graduate	---
		Post Graduate Diploma	---
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	---
		Master	---
		Ph.D.	---
ix.	Project Carried out	BCUD Research Grant of Rs.2,60,000.00 sanctioned for the project titled “Experimental investigation of a novel configuration of a two lobe journal bearing”	
x.	Patents	<b>Patent filed</b> on Multi Lug Nut remover System:TEMP/E-1/17891/2018-MUM dated May 5,2018 and published on May 18,2018	
xi.	Technology Transfer		
xii.	Research Publications	Journals– 09, Conferences-26	
xiii.	No. of Books Published	02	

### Faculty Profile

K.K.Wagh Institute of Engineering Education & Research, Nashik



i.	Name	Patil Nivrutti vishram	
ii.	Date of Birth	29/08/1978	
iii.	Unique ID	1-1479013489	
iv.	Education Qualification	M.E. (Design Engineering)	
v.	Work Experience	Teaching:	8 Yrs
		Research:	-
		Industry:	5 Yrs
		Other	5 Yrs
vi.	Area of Specialization	Design	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Engg. Graphics II, Computer Aided M/C Drawing, Solid Modelling & Drafting, Numerical Methods & Optimization, CAD/CAM & Automation, Finite Element Analysis
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	03
		Master	-
		Ph.D.	-
ix.	Project Carried out	BCUD SPONSORED PROJECT – “Design, Development and Optimization of 3D printing Machine”	
x.	Patents	-	

xi.	Technology Transfer	-
xii.	Research Publications	04
xiii.	No. of Books Published	-



### **Faculty Profile**

i.	Name	Dr. Sanjay Dagu Barahate	
ii.	Date of Birth	02/06/1976	
iii.	AICTE Unique ID	1-424150543	
iv.	Education Qualification	Ph. D. (IIT Bombay), M. Tech (IIT Bombay), B. E. ( NMU, Jalgaon)	
v.	Work Experience	Teaching:	21years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Heat Transfer, Energy Audit and Management, HVAC, Renewable Energy.	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Heat Transfer, Energy Engineering, Applied Thermodynamics, Power Plant Engineering, Refrigeration And Air Conditioning, Energy Audit and Management, Fluid Machinery, Non-conventional

			Energy Sources.
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	12	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Sonali Dinkar Mate	
ii.	Date of Birth	08/09/1991	
iii.	AICTE Unique ID	1-2373054610	
iv.	Education Qualification	ME Design BE Mechanical	
v.	Work Experience	Teaching:	7.5 yrs

		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Design Engineering	
vii.	Course taught	Diploma level	Strength of Material, Machine Drawing, Thermal Engineering, Manufacturing Process
		Post Diploma	
		Under Graduate	Dynamics of Machinery, Design of Machine Elements II, Manufacturing Process, Engineering Metallurgy,
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	2
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Sayli Girish Gokhale	
ii.	Date of Birth	8 <sup>th</sup> September 1992	
iii.	AICTE Unique ID	1-7353918966	
iv.	Education Qualification	ME (Heat Power Engineering)	
v.	Work Experience	Teaching:	05
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Heat Power	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Heat transfer, Turbomachines, refrigeration and air conditioning, mechatronics, hydraulics and pneumatics, applied thermodynamics, automobile engineering, advanced manufacturing processes, manufacturing processes II, systems in mechanical engineering,
		Post Graduate	
		Post Graduate Diploma	
		No. of papers published in National/ International Journals/Conferences	2
viii.	Research Guidance	Master	NA
		Ph.D.	NA
		NA	
ix.	Project Carried out	NA	
x.	Patents	NA	
xi.	Technology Transfer	NA	

xii.	Research Publications	NA
xiii.	No. of Books Published	NA

## Faculty Profile



i.	Name	<b>Kale Shivaji Sopan</b>	
ii.	Date of Birth	<b>09/12/1988</b>	
iii.	Unique ID	1-589702667	
iv.	Education Qualification	M.Tech (Energy Technology), B.E. Mechanical	
v.	Work Experience	Teaching:	09 years
		Research:	02 years
		Industry:	--
		Other	--
vi.	Area of Specialization	Renewable Energy, Refrigeration, Thermodynamics	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Thermodynamics, Refrigeration & Air Conditioning, Energy Audit & Management, Applied Thermodynamics
		Post Graduate	Automotive Electronics

		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/International Journals/Conferences	02
		Master	--
		Ph.D.	--
ix.	Project Carried out	12	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	---	

### Faculty Profile



i.	Name	<b>Snehal Vasant Kadkhane</b>	
ii.	Date of Birth	22/02/1985	
iii.	AICTE Unique ID	1-424151319	
iv.	Education Qualification	B.E. Mechanical, M.E. Heat & Power, Ph.D. Pursuing	
v.	Work Experience	Teaching:	14 yrs

		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Thermal	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Energy Engineering, Finite Element Analysis, Numerical Methods and Optimization, Heat Transfer, Refrigeration and Air-Conditioning
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	06
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents	-	
xi.	Technology Transfer	05	
xii.	Research Publications		
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Nichit Vikrant Dattatray	
ii.	Date of Birth	28/03/1990	
iii.	AICTE Unique ID	1-7353671912	
iv.	Education Qualification	M.E Mechanical (Design Engineering)	
v.	Work Experience	Teaching:	5
		Research:	
		Industry:	1
		Other	
vi.	Area of Specialization	Design Engineering	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	DME I, Mechatronics, Automobile Engineering, Product Design Development, Engineering Graphics
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	5
		Master	
		Ph.D.	
ix.	Project Carried out	6	
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	6	
xiii.	No. of Books Published		

## Faculty Profile



i.	Name	Galande Vishal Ganpat									
ii.	Date of Birth	20/10/1988									
iii.	AICTE Unique ID	1-1473513383									
iv.	Education Qualification	M.E. (Design) , B.E. (Mechanical)									
v.	Work Experience	<table border="1"><tr><td>Teaching:</td><td>7 Years and 11 months</td></tr><tr><td>Research:</td><td>-</td></tr><tr><td>Industry:</td><td>2 Years and 3 Months</td></tr><tr><td>Other</td><td>-</td></tr></table>		Teaching:	7 Years and 11 months	Research:	-	Industry:	2 Years and 3 Months	Other	-
Teaching:	7 Years and 11 months										
Research:	-										
Industry:	2 Years and 3 Months										
Other	-										
vi.	Area of Specialization	Design Engineering									
vii.	Course taught	<table border="1"><tr><td>Diploma level</td><td>-</td></tr><tr><td>Post Diploma</td><td>-</td></tr><tr><td>Under Graduate</td><td>Theory of Machines-I , Theory of Machines-II , Basic Mechanical Engineering, Engineering Graphics , Operations Research, Industrial Engineering, Reliability Engineering, Mechatronics, Engineering Metallurgy</td></tr><tr><td>Post Graduate</td><td>-</td></tr></table>		Diploma level	-	Post Diploma	-	Under Graduate	Theory of Machines-I , Theory of Machines-II , Basic Mechanical Engineering, Engineering Graphics , Operations Research, Industrial Engineering, Reliability Engineering, Mechatronics, Engineering Metallurgy	Post Graduate	-
Diploma level	-										
Post Diploma	-										
Under Graduate	Theory of Machines-I , Theory of Machines-II , Basic Mechanical Engineering, Engineering Graphics , Operations Research, Industrial Engineering, Reliability Engineering, Mechatronics, Engineering Metallurgy										
Post Graduate	-										

		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	
		Ph.D.	
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	1	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Patil Vilas Karbhari
ii.	Date of Birth	11/07/1976
iii.	AICTE Unique ID	445225046
iv.	Education Qualification	PhD pursuing
v.	Work Experience	Teaching: 22 years

vi.	Area of Specialization	Design Engineering, Tribology
vii.	Course taught Under Graduate	Design Machine Element, Automobile Engineering, Tribology, CAD, Product Design and Development
viii.	Research Guidance	--
ix.	Project Carried out	--
x.	Patents	--
xi.	Technology Transfer	--
xii.	Research Publications	10
xiii.	No. of Books Published	--

## Faculty Profile



i.	Name	Patil Vijay Sahebrao	
ii.	Date of Birth	14/10/1978	
iii.	Unique ID	1-424625761	
iv.	Education Qualification	B. E. (Mechanical), M. Tech. (Energy systems Engg), Ph. D. Pursuing.	
v.	Work Experience	Teaching:	16 Years 6 Months
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Thermal Engg. ( Engines, Heat Transfer, Energy Conservation and Management)	

vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Thermodynamics, I. C. Engines, Heat Transfer, Energy audit and management.
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	Biofuels, Heat transfer enhancement, Air conditioning	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	06	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	VAIBHAV VIJAY KHOND
ii.	Date of Birth	28/08/1974
iii.	AICTE Unique ID	1 - 407252280
iv.	Education Qualification	M.E. 9MECHANICAL ENGINEERING)

v.	Work Experience	Teaching:	16 YRS
		Research:	--
		Industry:	4.5 YRS
		Other	--
vi.	Area of Specialization	Mechanical	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Mechatronics, Strength of materials, Industrial engineering, CAD CAM Automation
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	06
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	3D PRINTING MACHINE	
x.	Patents	NA	
xi.	Technology Transfer	AUTOMATION, SMART COMPOSITES	
xii.	Research Publications	05	
xiii.	No. of Books Published	--	

## Faculty Profile



i.	Name	YOGESH VIJAYRAO BORSE	
ii.	Date of Birth	27/03/1989	
iii.	AICTE Unique ID	1-3180084539	
iv.	Education Qualification	M.Tech Heat Power Engineering	
v.	Work Experience	Teaching:	4 years
		Research:	
		Industry:	2.5 years
		Other	
vi.	Area of Specialization	Thermal and Design	
vii.	Course taught	Diploma level	nil
		Post Diploma	nil
		Under Graduate	Fluid Mechanics, Turbo machines
		Post Graduate	nil
		Post Graduate Diploma	nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	2
		Ph.D.	nil
ix.	Project Carried out	1	
x.	Patents	nil	

xi.	Technology Transfer	nil
xii.	Research Publications	nil
xiii.	No. of Books Published	nil

### Faculty Profile



i.	Name	Pankaj Balasaheb Ranade	
ii.	Date of Birth	05/05/1988	
iii.	AICTE Unique ID	1-3180084548	
iv.	Education Qualification	M.E. Manufacturing and Automation	
v.	Work Experience	Teaching:	07
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Six Sigma, Quality Optimization	
vii.	Course taught	Diploma level	Applied Mechanics, Theory Of Machines, Engineering Graphics.
		Post Diploma	
		Under Graduate	Refrigeration and Air Conditioning, Metrology and Quality Control, Turbo Machines, Advanced Manufacturing Process, Engineering Graphics, Systems in Mechanical Engineering.

		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	4
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	5	
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	PRAVIN BHAGWAT SURWADE
ii.	Date of Birth	15/08/1982
iii.	Unique ID	1-445225050

iv.	Education Qualification	M.Tech	
v.	Work Experience	Teaching:	11
		Research:	
		Industry:	1
		Other	
vi.	Area of Specialization	Turbomachines	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Fluid Mechanics ,Fluid machinery ,Industrial Fluid Power
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

## Faculty Profile



i.	Name	PRITAMKUMAR DILIP AHIRE	
ii.	Date of Birth	08-04-1991	
iii.	AICTE Unique ID	1-3180084509	
iv.	Education Qualification	M.TECH	
v.	Work Experience	Teaching:	4 years 5 months
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	CAD-CAM	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	SE (SOM, FM)
		Post Graduate	Nil
		Post Graduate Diploma	Nil
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents	Nil	
xi.	Technology Transfer		
xii.	Research Publications	5	
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	Prashant Kalidas Kavale	
ii.	Date of Birth	19 <sup>th</sup> October 1976	
iii.	AICTE Unique ID	1-405852919	
iv.	Education Qualification	ME Mechanical ,	
v.	Work Experience	Teaching:	10 Yrs
		Research:	Nil
		Industry:	10 Yrs
		Other	Nil
vi.	Area of Specialization	Machine Design	
vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Mechatronics ,Hydraulic & Pneumatics, Turbo Machine , Industrial Engineering
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	04
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	0	
x.	Patents	0	
xi.	Technology Transfer	0	

xii.	Research Publications	04
xiii.	No. of Books Published	0

## Faculty Profile



i.	Name	Beldar Pankaj Ramanlal	
ii.	Date of Birth	13/08/1991	
iii.	AICTE Unique ID	1-7354011322	
iv.	Education Qualification	M.E.	
v.	Work Experience	Teaching:	6
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Mechanical Design	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	HAP, NMO, SMD
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	2
		Master	-

		Ph.D.	-
ix.	Project Carried out	6	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	4	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Pawan Rameshwar Rahane	
ii.	Date of Birth	22 August 1984	
iii.	AICTE Unique ID	1-424150547	
iv.	Education Qualification	B. E. Mechanical	
v.	Work Experience	Teaching:	11 Years
		Research:	
		Industry:	1 Year
		Other	
vi.	Area of Specialization	Materials and Metallurgy	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Material Science, Engineering Metallurgy
		Post Graduate	

		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/International Journals/Conferences	Nil
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	Nil	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	Nil	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Preeda Shinoj Pillai		
ii.	Date of Birth	13-06-1983		
iii.	AICTE Unique ID	1-441811700		
iv.	Education Qualification	M tech		
v.	Work Experience	Teaching:	13 Years	

		Industry:	1 Year	
vi.	Area of Specialization	Thermal		
vii.	Course taught	Under Graduate	Advanced manufacturing Process, GTJP, Hydralic & Pnematic, Fluid Mechanics, HFE, Thermodynamics, I.C Engine	

### **Faculty Profile**



i.	Name	Rahul Damodhar Rakhade	
ii.	Date of Birth	24/10/1984	
iii.	AICTE Unique ID	1-2183606575	
iv.	Education Qualification	M.Tech	
v.	Work Experience	Teaching:	09 Years 02 months
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Design Optimization	

vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Finite Element Analysis, Industrial Engineering, Automobile Engineering, Strength of Material
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	Nil
		Master	Nil
		Ph.D.	Nil
ix.	Project Carried out	Academic	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	18	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Bhandare Ramesh Vasant
ii.	Date of Birth	02/06/1978
iii.	AICTE Unique ID	1-422755907
iv.	Education Qualification	M. Tech

v.	Work Experience	Teaching:	10 Yrs and 10 Months
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Machine Design	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Design of Machine – II, Mechanical System Design, Dynamics of Machinery
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	06
		Master	-
		Ph.D.	-
ix.	Project Carried out	01	
x.	Patents	--	
xi.	Technology Transfer		
xii.	Research Publications	-	
xiii.	No. of Books Published	--	

## Faculty Profile



i.	Name	Rohit Vasantrao Bhaskar	
ii.	Date of Birth	18/12/1989	
iii.	AICTE Unique ID	1-7353671530	
iv.	Education Qualification	ME (Design Engineering)	
v.	Work Experience	Teaching:	07 Years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Design	
vii.	Course taught	Under Graduate	Design of Machine Elements I, Design of Machine Elements II, Metrology and Quality Control, Mechanical System Design.
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	1. Design of Stairlift for Curved Path 2. Honeycomb Sandwich panel analysis-Analytical and FEA approach 3. Damage detection in aluminium honeycomb structure using vibration analysis	
x.	Patents	-	
xi.	Technology Transfer	-	

xii.	Research Publications	03
xiii.	No. of Books Published	-

## Faculty Profile



i.	Name	Neha Shamkant Dixit	
ii.	Date of Birth	24/06/1991	
iii.	Unique ID	1-3180084577	
iv.	Education Qualification	B.E. Mechanical M.E. (Computer Aided Analysis and Design)	
v.	Work Experience	Teaching:	6 yrs
		Research:	-
		Industry:	2 Months
		Other	-
vi.	Area of Specialization	Finite Element Analysis, Design	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Finite Element Analysis, Mechanical System Design, Operation Research, Material Science, Advanced Manufacturing Process
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	04
		Master	-

		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	Patent application number 3243/MUM/2014	
xi.	Technology Transfer	-	
xii.	Research Publications	04	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Mugdha Vikas Bhadak	
ii.	Date of Birth	05/09/1991	
iii.	Unique ID	1-2373054622	
iv.	Education Qualification	BE Mechanical, ME Mechanical Design	
v.	Work Experience	Teaching:	4.5Yrs
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Mechanical Design	

vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	SOM, MP II, MQC, BME, EG II
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	02
		Ph.D.	--
ix.	Project Carried out		
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	SONAWANE MANOJ SAYAJI	
ii.	Date of Birth	15/02/1987	
iii.	AICTE Unique ID	1-422756133	
iv.	Education Qualification	M.E.Mechanical (Design)	
v.	Work Experience	Teaching:	10
		Research:	NIL

		Industry:	2
		Other	NIL
vi.	Area of Specialization	Mechanical Design	
vii.	Course taught	Diploma level	NIL
		Post Diploma	NIL
		Under Graduate	1.Basic of Mechanical Engineering 2.Engineering Graphics-I 3.Engineering Graphics-II 4.Systems in Mechanical Engineering 5.Design of Mechanical Systems-I
		Post Graduate	NIL
		Post Graduate Diploma	NIL
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	3
		Master	NIL
		Ph.D.	NIL
ix.	Project Carried out	Academic Projects	
x.	Patents	NIL	
xi.	Technology Transfer	NIL	
xii.	Research Publications	NIL	
xiii.	No. of Books Published	NIL	

### Faculty Profile



i.	Name	Dr. Padmakar J. Pawar	
ii.	Date of Birth	24/07/1974	
iii.	AICTE Unique ID	1-448026571	
iv.	Education Qualification	Ph. D. (Mechanical Engineering)	
v.	Work Experience	Teaching:	25
		Research:	0
		Industry:	0
		Other	0
vi.	Area of Specialization	Manufacturing Optimization	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Machine Design, Manufacturing Automation and Control, Numerical methods
		Post Graduate	Industrial Automation, Tool Design
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	110
		Master	23
		Ph.D.	02 (Submitted) +04 (Ongoing)
ix.	Project Carried out	3	
x.	Patents	2 (Published)	
xi.	Technology Transfer	0	
xii.	Research Publications	110	
xiii.	No. of Books Published	01 Book + 07 Book chapters	

## Faculty Profile



i.	Name	Dr. GANGURDE SANJAYKUMAR RAVABA	
ii.	Date of Birth	06/05/1968	
iii.	AICTE Unique ID	1-422694801	
iv.	Education Qualification	BE[PRODUCTION ENGG.],ME[INDUSTRIAL ENGG.], PH.D. [MECHANICAL ENGG.]	
v.	Work Experience	Teaching:	28 YEARS 3MONTHS
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	PRODUCTION AND INDUSTRIAL ENGINEERING	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	MATERIAL FORMING, TOOL DESIGN, INDUSTRIAL ENGINEERING
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	International Journals:05  National Journals:03  International

			Conferences:38
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications	46	
xiii.	No. of Books Published	Book chapter:02	

### Faculty Profile



i.	Name	Gurule Nansaheb Baburao	
ii.	Date of Birth	01/06/1973	
iii.	AICTE Unique ID	1-423123050	
iv.	Education Qualification	Ph.D. (Production Engineering)	
v.	Work Experience	Teaching:	22 Yrs.
		Research:	--
		Industry:	2 Yrs. 8 months
		Other	--
vi.	Area of Specialization	Production Engineering	

vii.	Course taught	Under Graduate	Engineering Metrology and Quality Control, Engineering Metallurgy, Engineering Graphics	
		Post Graduate	Advanced Materials, Supply Chain Management,	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	32	
		Master	12	
		Ph.D.	-	
ix.	Project Carried out	Development of Powder Mixed Electrical Discharge Machining (PMEDM) System		
x.	Patents	--		
xi.	Technology Transfer	--		
xii.	Research Publications	10		
xiii.	No. of Books Published	--		

### Faculty Profile



i.	Name	Amol Shankar Kamble	
ii.	Date of Birth	15/02/1977	
iii.	AICTE Unique ID		
iv.	Education Qualification	M. E. Manufacturing and Automation Engineering	
v.	Work Experience	Teaching:	15 Years, 2 Months
		Research:	--

		Industry:	8 Months
		Other	--
vi.	Area of Specialization	Production Management	
vii.	Course taught	Under Graduate	Engineering Graphics, Supply Chain Management, Production Management, Systems in Mechanical Engineering
		Post Graduate	Supply Chain Management
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

### Faculty Profile



i.	Name	Sandip Baburao Gunjal
ii.	Date of Birth	23/04/1978
iii.	AICTE Unique ID	
iv.	Education Qualification	ME Production

v.	Work Experience	Teaching:	16 Years
		Research:	3 Years
		Industry:	1.5 Years
		Other	-
vi.	Area of Specialization	Production Engineering	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Manufacturing Process, Cutting Tool Engineering, Computer Integrated Design and Manufacturing
		Post Graduate	Additive Manufacturing
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	06
		Master	
		Ph.D.	
ix.	Project Carried out	Experimental investigations with Magnetic Abrasive Finishing (MAF) process for nanometric surface finish of hard-to-machine metals	
x.	Patents	Title - Magnetic abrasive finishing setup for finishing of complex profile on cylindrical part. Date of publication- 11/05/2018 Application No.201821014406 A	
xi.	Technology Transfer		
xii.	Research Publications	1) Investigation of the Effects of Plasma Arc Cutting Parameters on the Structure Variation of AISI-316 Stainless Steel, India Manufacturing Technology, Design and Research Conference, IIT Madras, 15 - 17, December 2008  2) Plane Magnetic Abrasive Finishing of AISI-304 Stainless Steel, International conference on Manufacturing Excellence, KKWEER, 3-4 March 2017  3) Optimization of Plasma Arc Cutting Process by Grey Relational Analysis, 2nd International Conference on Manufacturing Excellence, KKWEER, 15-16, February, 2019.	

		<p>4) Optimization of cutting Parameters During Hard Turning of SS304 Material for Maximizing Tool life and Minimizing Production Time, 2nd International Conference on Manufacturing Excellence, KKWIEER, 15-16, February, 2019</p> <p>5) Optimization of Magnetic Abrasive Finishing Process using Principal Component Analysis, Advances in Intelligent Systems and Computing, Springer, Singapore. ISBN 978-981-13-8196-6.</p> <p>6) Improving the process performance of magnetic abrasive finishing of SS304 material using multi-objective artificial bee colony algorithm, Engineering Review, DOI: <a href="https://doi.org/10.30765/er.1511">https://doi.org/10.30765/er.1511</a>.</p>
xiii.	No. of Books Published	Nil

### **Faculty Profile**



i.	Name	Mangesh Yashwant Khalkar	
ii.	Date of Birth	22 August 1984	
iii.	AICTE Unique ID	1-431042015	
iv.	Education Qualification	M.E. Production	
v.	Work Experience	Teaching:	09
		Research:	00
		Industry:	02
		Other	00
vi.	Area of Specialization	Production	

vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Yes
		Post Graduate	Yes
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	NA
		Master	NA
		Ph.D.	NA
ix.	Project Carried out	Assisted a BCUD research project	
x.	Patents	Nil	
xi.	Technology Transfer	NIL	
xii.	Research Publications	06	
xiii.	No. of Books Published	Nil	

### Faculty Profile



i.	Name	Vaibhav Subhash Gaikwad	
ii.	Date of Birth	11 <sup>th</sup> March 1991	
iii.	AICTE Unique ID	1-2747251523	
iv.	Education Qualification	M.Tech (CAD/CAM)	
v.	Work Experience	Teaching:	5 Years 1 Month

		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	CAD/CAM	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	SOM,TOM,DME,MTD,HFE,FEA
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	01	
xi.	Technology Transfer	--	
xii.	Research Publications	07	
xiii.	No. of Books Published	00	

## Faculty Profile



i.	Name	Anil Dattatraya Mandlik
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ii.	Date of Birth	12/08/1978	
iii.	AICTE Unique ID	1-3179193200	
iv.	Education Qualification	M.E. production	
v.	Work Experience	Teaching:	10 Years
		Research:	--
		Industry:	05 Years
		Other	--
vi.	Area of Specialization	Manufacturing	
vii.	Course taught	Diploma level	Manufacturing Technology
		Post Diploma	--
		Under Graduate	Product Design & Development, Machine Tool Engineering
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	02 Papers in ICMAX Conference
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

## Faculty Profile



i.	Name	Mrs. Joshi Snehal Santosh	
ii.	Date of Birth	11-05-1967	
iii.	Unique ID	1-452057911	
iv.	Education Qualification	M.Sc., M.Phil. in Physics	
v.	Work Experience	Teaching:	30
		Research:	2
		Industry:	-
		Other	-
vi.	Area of Specialization	Thin Film Solar cell, SILAR deposition technique	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	Engineering Physics for FE
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	13
		Master	-
		Ph.D.	-

ix.	Project Carried out	1) The Research Project granted by BCUD, University of Pune of approx. cost 1.5 Lacs on the topic titled “ To develop prototype model on dryer for agricultural application” for the period 2007-2009 is completed.  2) The Research Project granted by BCUD, Savitribai Phule Pune University of 1.4 Lacs on the topic titled, “ Synthesis, characterization and analysis of tin sulphide and selenide thin films in special reference to develop efficient and economically desirable photovoltaic cell” for the period 2014-2016 is completed.
x.	Patents	-
xi.	Technology Transfer	-
xii.	Research Publications	01
xiii.	No. of Books Published	01

### Faculty Profile



i.	Name	Sukhadev Shreemant Naik	
ii.	Date of Birth	15-02-64	
iii.	AICTE Unique ID	1-452057647	
iv.	Education Qualification	Msc.B.Ed.Ph.D	
v.	Work Experience	Teaching:	32
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Mathematics(Differential Geometry and Theory of Relativity)	

vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	Under Graduate
		Post Graduate	Post Graduate
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	07	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	Dr. Abdul Wadood Mohammad Haroon Ansari
ii.	Date of Birth	11 May 1970
iii.	AICTE Unique ID	I-452057915

iv.	Education Qualification	Ph.D (I.I.T B), M.Sc. B.Ed.	
v.	Work Experience	Teaching:	20 Years
		Research:	7 Years
		Industry:	-
		Other	5 Years Jr. College
vi.	Area of Specialization	Organic Chemistry	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	First Year Engg. Chemistry, Second Year Chemistry I and Chemistry II
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	04	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Anuradha Chandrashekhar Pawar	
ii.	Date of Birth	09/11/1975	
iii.	AICTE Unique ID	1-452058199	
iv.	Education Qualification	Ph.D. (Physics)	
v.	Work Experience	Teaching:	15
		Research:	05
		Industry:	-
		Other	02
vi.	Area of Specialization	Physics, Nanomaterials	
vii.	Course taught	Diploma level	Basic Physics, Applied Physics, Electronics component and applications, Basic Electronics, Basic Electrical cuircuits and networks
		Post Diploma	-
		Under Graduate	Modern Physics, Properties of matter, Thermodynamics, Electromagnetism, Applied Science, Engineering Physics
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	12
		Master	-
		Ph.D.	03 currently enrolled
ix.	Project Carried out	01	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	14	
xiii.	No. of Books Published	02	

## Faculty Profile



i.	Name	Dr. Ganesh Bhairwanath Dabhade	
ii.	Date of Birth	06/11/1981	
iii.	AICTE Unique ID	1-4303829413	
iv.	Education Qualification	M.Sc. , M.Phil. , SET, Ph.D in Chemistry	
v.	Work Experience	Teaching:	14 Years
		Research:	-
		Industry:	--
		Other	-
vi.	Area of Specialization	Analytical Chemistry	
vii.	Course taught	Diploma level	Basic Chemistry, Applied Chemistry, Industrial Chemistry
		Post Diploma	-
		Under Graduate	Basic Science-I , Basic Science-II, Chemistry-I, Chemistry –II, Engineering Chemistry
		Post Graduate	-
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	04	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Mr. Vasant Nanda Chavan	
ii.	Date of Birth	10/05/1970	
iii.	AICTE Unique ID	I-2491240389	
iv.	Education Qualification	M.Sc. B.Ed.	
v.	Work Experience	Teaching:	8 Yrs.
		Research:	
		Industry:	
		Other	10 Yrs.
vi.	Area of Specialization	Physics	
vii.	Course taught	Diploma level	Applied Physics
		Post Diploma	
		Under Graduate	Engineering Physics
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	

ix.	Project Carried out	
x.	Patents	
xi.	Technology Transfer	
xii.	Research Publications	
xiii.	No. of Books Published	

## Faculty Profile



i.	Name	Dr. Dnyaneshwari Yuvraj Patil	
ii.	Date of Birth	29 <sup>th</sup> Jun 1986	
iii.	AICTE Unique ID	1-452058153	
iv.	Education Qualification	M.Sc. (Organic Chemistry), SET, Ph.D.	
v.	Work Experience	Teaching:	12yrs
		Research:	05yrs
		Industry:	--
		Other	
vi.	Area of Specialization	Organic Chemistry	

vii.	Course taught	Diploma level	NA
		Post Diploma	NA
		Under Graduate	Engineering Chemistry
		Post Graduate	NA
		Post Graduate Diploma	NA
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	04
		Master	
		Ph.D.	
ix.	Project Carried out	Synthesis and Selective Recognition of Cationic/Anionic Complexes of Quinoline Derivatives and Study its Photophysical Properties. Project completed (2014-16).	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	05 (4 published + 1 accepted)	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	<b>Kshirsagar Monali Jayram</b>
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ii.	Date of Birth	<b>03/06/1990</b>	
iii.	AICTE Unique ID	<b>1-7353508570</b>	
iv.	Education Qualification	<b>M.Sc Mathematics</b>	
v.	Work Experience	Teaching:	<b>7 Years</b>
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	<b>Mathematics</b>	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	<b>Engineering Mathematics-I , Engineering Mathematics-II, Engineering Mathematics-III</b>
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

## **Faculty Profile**

K.K.Wagh Institute of Engineering Education & Research, Nashik



i.	Name	Prachi Subhash Shahir	
ii.	Date of Birth	20/04/1987	
iii.	Unique ID	1-452231215	
iv.	Education Qualification	M.Tech(Mathematics)	
v.	Work Experience	Teaching:	10
		Research:	
		Industry:	
		Other	
vi.	Area of Specialization	Applied Mathematics	
vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	Engineering Mathematics
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	01
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents		
xi.	Technology Transfer		
xii.	Research Publications		
xiii.	No. of Books Published		

## Faculty Profile



i.	Name	Rutika .R.Bhatia	
ii.	Date of Birth	24 <sup>th</sup> April 1986	
iii.	AICTE Unique ID	1-7353672120	
iv.	Education Qualification	M.Sc Tech(IMCA)	
v.	Work Experience	Teaching:	8 years
		Research:	-
		Industry:	-
		Other	-
vi.	Area of Specialization	Mathematics	
vii.	Course taught	Diploma level	Basic Mathematics,Applied Mathematics
		Post Diploma	
		Under Graduate	Engineering M1,M2,M3
		Post Graduate	
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out		
x.	Patents	NIL	

xi.	Technology Transfer	NIL
xii.	Research Publications	NIL
xiii.	No. of Books Published	NIL

### Faculty Profile



i.	Name	RUPALI SUBHASH UNHALE			
ii.	Date of Birth	26/04/1984			
iii.	AICTE Unique ID	1-2185546242			
iv.	Education Qualification	MSC.MATHEMATICS			
v.	Work Experience	Teaching:	12 YEARS		
		Research:	-		
		Industry:	-		
		Other	-		
vi.	Area of Specialization	MATHEMATICS			
vii.	Course taught	Diploma level	BASIC MATHEMATICS		
		Post Diploma	-		
		Under Graduate	ENGG.MATHEMATICS-I ENGG.MATHEMATICS-II ENGG.MATHEMATICS-III		
		Post Graduate	-		

		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
		Master	-
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Sagar Madhukar Shinde	
ii.	Date of Birth	4 <sup>th</sup> February 1990	
iii.	AICTE Unique ID	1-7353508564	
iv.	Education Qualification	M.Sc. Chemistry	
v.	Work Experience	Teaching:	7 Years, 3 Months
		Research:	--

		Industry:	--
		Other	--
vi.	Area of Specialization	Organic Chemistry	
vii.	Course taught	Diploma level	--
		Post Diploma	--
		Under Graduate	1) Engineering Chemistry 2) Environmental Studies-I 3) Environmental Studies-II
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	--
		Master	--
		Ph.D.	--
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

### Faculty Profile



i.	Name	Shinde Arun Bhausaheb
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ii.	Date of Birth	09/01/1990	
iii.	AICTE Unique ID	1-4303829405	
iv.	Education Qualification	M. Sc. (Mathematics)	
v.	Work Experience	Teaching:	7.5 Years
		Research:	--
		Industry:	--
		Other	--
vi.	Area of Specialization	Pure Mathematics	
vii.	Course taught	Diploma level	M-I, M-II, M-III
		Post Diploma	--
		Under Graduate	M-I, M-II, M-III
		Post Graduate	--
		Post Graduate Diploma	--
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	
		Ph.D.	
ix.	Project Carried out	--	
x.	Patents	--	
xi.	Technology Transfer	--	
xii.	Research Publications	--	
xiii.	No. of Books Published	--	

## Faculty Profile

K.K.Wagh Institute of Engineering Education & Research, Nashik



i.	Name	<b>Mourya Archana Lalchand</b>	
ii.	Date of Birth	<b>17/04/1983</b>	
iii.	AICTE Unique ID	1-7353234272	
iv.	Education Qualification	M.Sc.(Mathematics), B.Ed. NET, SET	
v.	Work Experience	Teaching:	14 Years
		Research:	—
		Industry:	—
		Other	—
vi.	Area of Specialization	Numerical Methods, Partial D.E., Fractional Calculus	
vii.	Course taught	Diploma level	—
		Post Diploma	—
		Under Graduate	Engineering Mathematics I Engineering Mathematics II Engineering Mathematics III
		Post Graduate	—
		Post Graduate Diploma	—
		No. of papers published in National/ International Journals/Conferences	—
viii.	Research Guidance	Master	—
		Ph.D.	—
		Project Carried out	—
x.	Patents	—	
xi.	Technology Transfer	—	
xii.	Research Publications	—	

xiii.	No. of Books Published	01
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## Faculty Profile



i.	Name	Vandana Chetan Bagal	
ii.	Date of Birth	15 <sup>th</sup> May 1978	
iii.	AICTE Unique ID	1-422756221	
iv.	Education Qualification	Ph.D	
v.	Work Experience	Teaching:	17yrs
		Research:	-
		Industry:	01yr
		Other	-
vi.	Area of Specialization	Operating system, image processing, computer network	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	System programming, Operating system, C, Data structure
		Post Graduate	Operating system, C, Data structure, computer graphics, artificial intelligence, object oriented analysis and design, Java, software testing, discrete mathematics, probability and statistics, computer network, management science, management theory and practices, management

		information system,	
	Post Graduate Diploma		
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	-
	Master	10	
	Ph.D.	-	
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	05	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Archana Liladhar Rane	
ii.	Date of Birth	31 <sup>st</sup> March 1979	
iii.	AICTE Unique ID	1-405853519	
iv.	Education Qualification	MCA	
v.	Work Experience	Teaching:	14 Years
		Research:	-
		Industry:	2.7 Years
		Other	-
vi.	Area of Specialization		

vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	-
		Post Graduate	Principles of Programming, Software Testing and Quality Assurance, Web Technology, Advanced Web Technology, Management Theory & Practices, Probability & Statistics, Computer Network, Java Programming, Management Science, Enterprise Resource Planning, Software Engineering, Human Computer Interface, Database concepts & Systems, Object Oriented Programming, Advanced Database, Data Structure & File
		Post Graduate Diploma	-
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	
		Master	01
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	6	
xiii.	No. of Books Published	-	

### Faculty Profile



i.	Name	Ms. Mariyam Ejaz Maniyar
ii.	Date of Birth	16/10/1983
iii.	Unique ID	1-405853267

iv.	Education Qualification	M.C.A.	
v.	Work Experience	Teaching:	13 Years
		Research:	Nil
		Industry:	Nil
		Other	Nil
vi.	Area of Specialization	Computer Networks and Internet of Things	
vii.	Course taught	Diploma level	-
		Post Diploma	-
		Under Graduate	-
		Post Graduate	Data communication & Networking, Computer Communication & Networks, Principles & Practices for IT Management, Discrete Mathematics, Object Oriented Analysis And Design, Organization Behavior, Operating System, Enterprise Resource Planning, Probability & Statistics, Operation Research, Computer Graphics, Java Programming, Adv. Java, C & C++ Programming, Data Structure Using C & CPP, Banking & FAM
		Post Graduate Diploma	-
		No. of papers published in National/ International Journals/Conferences	02
viii.	Research Guidance	Master	32
		Ph.D.	-
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	-	
xiii.	No. of Books Published	-	

## Faculty Profile



i.	Name	Poonam Girish Fegade	
ii.	Date of Birth	8 <sup>th</sup> April 1982	
iii.	Unique ID	1-405853381	
iv.	Education Qualification	MCA	
v.	Work Experience	Teaching:	11 yr 6 months
		Research:	Nil
		Industry:	1yr
		Other	Nil
vi.	Area of Specialization	Data Mining	
vii.	Course taught	Diploma level	Nil
		Post Diploma	Nil
		Under Graduate	Nil
		Post Graduate	Data structure and Files, Principles of Multimedia, Java Programming, Computer Graphics, Object Oriented Analysis and Design, Database Concepts and Systems, Computer Organization, Advanced DBMS, Software Testing and Quality Assurance, Probability and Statistics, Principles of Programming practices , Software Engineering
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	3
		Master	30
		Ph.D.	-
ix.	Project Carried out	Nil	
x.	Patents	Nil	
xi.	Technology Transfer	Nil	
xii.	Research Publications	3	
xiii.	No. of Books Published	Nil	

## **Faculty Profile**



i.	Name	<b>Ajinkya S. Joshi</b>		
ii.	Date of Birth	<b>19<sup>th</sup> January 1972</b>		
iii.	Unique ID	1-426004841		
iv.	Education Qualification	DMM, DBM, B. Tech (Electronics), MMS, Ph.D. (Registered)		
v.	Work Experience	Teaching:	10 years (17 years including visiting)	
		Research:		
		Industry:	Nil	
		Other		
vi.	Area of Specialization	Systems		
vii.	Course taught	Diploma level	-	
		Post Diploma	-	
		Under Graduate		
		Post Graduate	1. Materials Management 2. E-Governance 3. Project Management 4. Information, Disaster and Health Management	
		Post Graduate Diploma		
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences		

		Master	40
		Ph.D.	
ix.	Project Carried out		
x.	Patents	01 (Published and applied for examination)	
xi.	Technology Transfer		
xii.	Research Publications	International Journals: 03 International Conferences: 03	
xiii.	No. of Books Published	Nil	

## Faculty Profile



i.	Name	Dr. Saroj P. Dhake	
ii.	Date of Birth	3 January 1981	
iii.	Unique ID	1-424150673	
iv.	Education Qualification	Ph.D. ICWA, MBA (FIN)	
v.	Work Experience	Teaching:	12 years
		Research:	5
		Industry:	1
		Other	-
vi.	Area of Specialization	Finance	

vii.	Course taught	Diploma level	
		Post Diploma	
		Under Graduate	
		Post Graduate	Finance Specialization Subjects
		Post Graduate Diploma	
viii.	Research Guidance	No. of papers published in National/ International Journals/Conferences	10
		Master	75
		Ph.D.	
ix.	Project Carried out	-	
x.	Patents	-	
xi.	Technology Transfer	-	
xii.	Research Publications	International Journal :6 International & National Conferences: 4	
xiii.	No. of Books Published	-	

## 9. Fee:

### 9.1 Details of Fees as approved by state fee committee

First year and Direct Second year Engineering

Sr. No.	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees Payable by Student (Rs.)
1	OPEN	122775	15225	138000
2	OBC/EBC/EWS	61388	15225	76613
3	VJNT/SBC/TFWS	0	15225	15225
4	SC/ST	0	0	0

First year ME Engineering

Sr.	Category	Tuition Fees	Development	Total Fees

No.		(Rs.)	Fees (Rs.)	Payable by Student (Rs.)
1	OPEN	62110	7890	70000
2	SC/ST	0	0	0

#### First Year MCA

Sr. No.	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees Payable by Student (Rs.)
1	OPEN	90505	11495	102000
2	OBC/EBC/SEBC/EWS	45253	11495	56748
3	VJNT/SBC/ TFWS	0	11495	11495
4	SC/ST	0	0	0

#### First Year MBA

Sr. No.	Category	Tuition Fees (Rs.)	Development Fees (Rs.)	Total Fees Payable by Student (Rs.)
1	OPEN	79858	10142	90000
2	OBC	39929	10142	50071
3	VJNT/SBC/ TFWS	0	10142	10142
4	SC/ST	0	0	0

**9.2 Time schedule for payment of fee for the entire programme:** Yearly

#### 9.3 No. of Fee waivers granted

Sr.No.	Course	Fees Waivers 2019-20
		TFWS
1	Chemical	03
2	Civil	03
3	Computer	06

4	I.T.	03
5	E & TC	02
6	Electrical	03
7	Mechanical	06
8	Production	03

#### **9.4 No .of scholarship offered by the institution**

The students are encouraged by awarding Institute merit scholarship of Rs. 5000/- to first three toppers from each class every year. Around 200 students are benefitted under this scheme. Every year industry, ex-faculty members and faculty members are sponsoring various prizes in different categories.

#### **9.5 Criteria for Fee waivers/scholarship**

The DTE and Government of Maharashtra has special quota for the girl student under every category as well as for economically weaker students under TFWS. Eligible candidates belonging to OPEN category also receive EBC scholarship.

- The institute admits students under Tuition Fee Waiver Scheme (TFWS) of the DTE. During the last five years 134 students have been benefitted under this scheme.
- Apart from government strategies institute additionally steps forward and gives concession in tuition fees to few genuinely deserving students. In some cases staff members of the institute have supported the needy students.
- Moreover the institute runs Earn and Learn scheme of SPPU to support economically weaker students. During the last five years 148 students have been benefitted under this scheme.

#### **J&K, Defense Quota**

- Reservations under J&K quota is in accordance with the rules defined by the DTE, Government of Maharashtra. Under J&K quota, 17 students have been admitted in the last three years.
- Reservations under Defense quota is in accordance with the rules defined by Government of Maharashtra.

#### **Tuition Fee Waiver Scheme (TFWS) Seats:**

##### **(I) Admissions Procedure:**

These seats are allotted by the Competent Authority as per inter-se merit. For this purpose, the Competent Authority shall invite applications, prepare a separate merit list for this category by following the same criteria as for Maharashtra State Candidature Candidates. In the event of non-availability of students in this category the same shall not be given to any other category of applicants.

(II) Scheme:

- (i) These seats shall be filled in by the Competent Authority.
- (ii) The scheme shall be mandatory for all Technical Institutions offering undergraduate programs and lateral entry (Separate Division) to these programs that are approved by the All India Council for Technical Education.
- (iii) Seats up to maximum 5 percent of sanctioned intake per course shall be available. These seats shall be supernumerary in nature and will be available to such courses in an Institute where a minimum of 30% of sanctioned seats in the respective courses are filled up in respective CAP Round. For calculation of 30%, the Institutional Quota seats retained by institute for the course shall be considered as completely filled.
- (iv) The Waiver is limited to the tuition fee as approved by the Fee Regulation Authority for unaided Institutions and by the Government for the Government and Government Aided Institutions. All other fees except tuition fees shall be paid by the beneficiary.
- (v) The Candidates admitted under this scheme shall not be allowed to change Institution/course at any stage under any circumstances.
- (vi) These seats shall be available for admission to First Year of Engineering & Technology and Hotel Management & Catering Technology courses as well as in Direct Second Year Engineering and Technology (Separate Division).

(III) Eligibility

- (i) Only Maharashtra State Candidature candidates are eligible for these seats
- (ii) Eligible Maharashtra State Candidates having their parent's annual income less than Rs.6.00 Lakhs from all sources shall only be eligible for these seats. The candidate shall submit Income certificate issued by Appropriate Authority.

(IV) Jammu and Kashmir Candidates and North East States:

- (i) The admission to the candidates as per Prime Minister's Special Scholarship Scheme (PMSSS) for the students belonging to Jammu and Kashmir and the scheme of Government of India of allocation of supernumerary seats in AICTE approved colleges to North Eastern States and UTs (NEUT) which lack in such facilities of technical education shall be done by the competent authority appointed by the Central Government as per their eligibility criteria.

The Fees shall be as that for the Non Autonomous Government Institutes.

## **10. Admission:**

### **10.1 No. of seats sanctioned with the year of approval:**

Number of seats sanctioned with the year of approval - Under Graduate	Branch	Year of Approval	Intake
Computer Engineering	1984	120	
Electronics & Telecommunication Engineering	1984	120	
Civil Engineering	1985	120	
Mechanical Engineering	1995	120	
Electrical Engineering	1996	120	
Chemical Engineering	1999	60	
Information Technology	2001	60	
Robotics and Automation	2020	60	
Artificial Intelligence and Data Science	2020	120	
Computer Science and Design	2021	60	

Number of seats sanctioned with the year of approval - Post Graduate	Branch	Regular Shift	Second Shift
Civil Engineering(structure)	2007	18	
Electronics and Telecommunication (VLSI and Embedded System)	2010	18	
Electrical Engineering (Power System)	2011	18	
MCA	2007	120	
MBA	2008	60	

### **10.2 Number of Students admitted under various categories each year in the last three years:**

**(Under Graduate)**

Number of students admitted under various categories each year in the last three years	Year	Open	OBC	SC	ST	VJ / NT / SB C	AI	IL	A CAP	TFWS	Other- DEF/ PWD/ Orphan/ JK	SEBC	EWS
		167	84	62	34	55	102	82	26	32	38	53	36
		182	89	60	35	54	94	144	52	25	46	NA	NA
		226	95	63	37	60	91	104	99	30	27	NA	NA

#### (Post Graduate)-MCA

Number of students admitted under various categories each year in the last three years	Year	Open	OBC	SC	ST	DT / VJ / NT SB C	AI	PWD	IL	A CAP	SEBC	EWS
		17	9	5	1	2	5	1	-	-	2	1
		16	5	4	3	1	8	1	12	2	NA	NA
		18	8	4	2	5	8	1	10	2	NA	NA

#### (Post Graduate)-MBA

Number of students admitted under various categories	Year	Open	OBC	SC	ST	DT / VJ / NT SBC	AI	PWD	IL	A CAP	SEBC	EWS
		9	6	4	3	4	9	-	12	08	04	02
		14	6	4	1	4	5	2	12	12	NA	NA

each year in the last three years	2017- 18	13	7	6	4	5	4	-	3	17	NA	NA
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### (Post Graduate)-ME

Number of students admitted under various categories each year in the last three years	Year	Open	OBC	SC	ST	DT / VJ / NT SB C	AI	PWD	IL	A CAP	SEBC	EWS
	2019-20	8	2	1	-	2	-	1	4	3	1	-
	2018-19	21	-	4	2	1	-	2	4	12	NA	NA
	2017-18	26	3	2	2	1	-	-	4	7	NA	NA

## 11. Admission Procedure:

### 11.1 Mention the admission test being followed, name and address of the Test Agency and its URL (website)

MHT CET (Common Entrance Test)	State Common Entrance Test Cell, Maharashtra State 8th Floor, New Excelsior Building, A K Nayak Marg, Fort, Mumbai : 400001 (M.S.)	www.mahacet.org
Joint Entrance Test- JEE Main	National Testing Agency Block C-20 1A/8, Sector 62, IITK Outreach Centre, Gautam Buddh Nagar, Noida : 201309	www.jeemain.nic.in

### 11.2 Number of seats allotted to different Test Qualified candidate separately (AIEEE/ CET (State conducted test/ University tests/ CMAT/ GPAT)/ Association conducted test)

No. of Seats allotted - as % of Sanctioned Intake		
Maharashtra State (M.S.) Candidates	All India Seats	Institute level
65%	15%	20%

### 11.3 Calendar for admission against Management/vacant seats:

Calendar for admission against Management / vacant seats	As per the schedule and guidelines issued by competent authority (MH-CET Cell)
Last date of request for applications	
Last date of submission of applications	
Dates for announcing final results	
Release of admission list	
Date for acceptance by the candidate	
Last date for closing of admission	
The waiting list activation	
Starting of the Academic session	The policy of refund of the fee, in case of withdrawal is as per the Admission Information Brochure published by competent authority. As per the Brochure, before the cutoff of admission dates, the Institute should refund the entire fees to the candidate after deduction of Rs.1000/- towards processing charges.
The policy of refund of the fee, in case of withdrawal, shall be clearly notified	

## 12. Criteria and Weightages for Admission:

**12.1 Describe each criterion with its respective weightages i.e. Admission Test, marks in qualifying examination etc**

**12.2 Mention the minimum level of acceptance, if any**

### Eligibility Criteria for the Admission in First Year Engineering

1. The Candidate should be an Indian National
2. Candidate should Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or

Technical Vocational subjects, and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together.

3. The Candidate should have appeared in entrance examination MHT-CET or JEE and should obtain non-zero score in the same.

**OR**

Passed Diploma in Engineering and Technology and obtained at least 50% marks (at least 45% marks, in case of Backward class categories and Persons with Disability candidates belonging to Maharashtra State)

**12.3 Mention the cut-off levels of percentage and percentile score of the candidates in the admission test for the last three years**

K. K.Wagh Institute of Engineering Education & Research, Nasik First Year Cut Off 2019 & Fees 2020-2021							
Cut off	Round	AI		TFWS		GOPENH	
		SML	JEE	SML	CET	SML	CET
COMP (512161210)	2019-1	7658	89.75	6255	97.11	7885	96.34
	2019-2	7628	89.76			8047	96.27
	2019-3	8061	89.26			6182	96.69
IT (512124610)	2019-1	9009	88.08	7570	96.49	11812	94.44
	2019-2	8658	88.55			8924	95.84
	2019-3	9819	87.08			6182	97.14
CIVIL-I (512119110)	2019-1	14951	81.19	10850	94.93	22937	88.11
	2019-2	16942	78.98			23628	87.63
	2019-3	17079	78.86			21537	89.06
CIVIL-II (512119120)	2019-1	16822	79.21			32662	79.96
	2019-2	21101	74.45			31874	80.72
	2019-3	17253	78.71			21537	79.68
ELECT-I (512129320)	2019-1	17068	78.86	11946	94.38	22120	88.67
	2019-2	19240	76.38			24114	87.29
	2019-3	13160	83.11			19320	90.40
ELECT-II (512129320 )	2019-1	24665	70.46			31638	80.95
	2019-2	24569	70.57			33899	78.69
	2019-3	19677	75.97			22120	88.67
E&TC (512137210)	2019-1	14609	81.62	15837	92.36	29657	82.84
	2019-2	16386	79.63			29740	82.76
	2019-3	14087	82.17			23405	87.79

	2019-3	14057	52.17			23405	87.79
ELECTRONICS (512137620) * (E&TC from 2020)*	2019-1	35334	57.97			49090	57.89
	2019-2	53953	30.03			84402	05.64
	2019-3	35560	57.85			45508	63.53
CHEM (512150710)	2019-1	14931	81.19	9898	95.37	20025	89.98
	2019-2	19889	75.66			21144	89.30
	2019-3	16215	79.77			25461	86.31
PROD (512160610)* (Closed from 2020)*	2019-1	45519	44.33	48995	58.08	55355	46.89
	2019-2	34308	59.14			84621	05.26
	2019-3					47615	60.37
MECH (512161210)	2019-1	15243	80.93	10190	95.24	17276	91.56
	2019-2	18140	77.75			22098	88.68
	2019-3	16400	79.59			17276	91.56
MECH-II (512161220)	2019-1	16822	79.21			25565	86.23
	2019-2	24626	70.55			29626	82.87
	2019-3	17270	78.71			26594	85.44

K. K.Wagh Institute of Engineering Education & Research, Nasik First Year Cut Off 2019 & Fees 2020-2021							
Cut off	Round	AI		TFWS		GOPENH	
		SML	JEE	SML	CET	SML	CET
ROBOTICS AND AUTOMATION	(New branch starting from 2020)						
ARTIFICIAL INTELLIGENCE AND DATA SCIENCE	(New branch starting from 2020)						
M.B.A.	2019-1	11870	61			5583	77
	2019-2	16591	51.81			11882	57
	2019-3	16417	52.69			13743	54
M.C.A.	2019-1	3396	28			1768	41
	2019-2	3611	25			4198	15
	2019-3						

#### First Year Engineering Cut off Year 2018-19 (CET Marks –Cut off marks for general Quota)

Sr No.	Department	Round 1	Round 2	Round 3
1	Civil Engineering (1st Shift)	108	105	101
2	Civil Engineering (2nd Shift)	92	94	90
3	Computer Engineering	121	127	121

4	Information Technology	104	111	108
5	Electrical Engineering (1st Shift)	97	65	92
6	Electrical Engineering (2nd Shift)	90	65	77
7	E & TC (1st Shift)	90	97	101
8	Electronics Engineering(2 <sup>nd</sup> Shift)	77	75	74
9	Chemical Engineering	87	95	87
10	Production Engineering	78	86	86
11	Mechanical Engineering(1st Shift)	107	125	113
12	Mechanical Engineering(2nd Shift)	101	113	97

#### First Year Engineering Cut off Year 2017-18(CET Marks –Cut off marks for general Quota)

Sr. No.	Department	Round 1	Round 2	Round 3
1	Civil Engineering (1st Shift)	104	117	105
2	Civil Engineering (2nd Shift)	93	96	90
3	Computer Engineering	115	129	119
4	Information Technology	96	112	105
5	Electrical Engineering (1st Shift)	90	113	90
6	Electrical Engineering (2nd Shift)	87	87	87
7	E & TC (1st Shift)	91	110	110
8	Electronics Engineering(2 <sup>nd</sup> Shift)	64	66	64
9	Chemical Engineering	89	100	98
10	Production Engineering	76	83	72
11	Mechanical Engineering(1st Shift)	112	129	119
12	Mechanical Engineering(2nd Shift)	103	122	104

#### 13. List of Applicants:

Click here to view-> [List of Candidate with percentile score](#)

#### 14. Results of Admission under Management seats/Vacant seats:

**14.1 Composition of selection team for admission under Management Quota with the brief profile of members:**

**14.2 Score of the individual candidate admitted arranged in order of merit**

**14.3 List of candidate who have been offered admission:**

**(Under Graduate)**

Number applications received during last two years for admission under Management Quota and number admitted (Under Graduate)	No. of Applications received	No. of admitted students
	2019-20	108
	2018-19	196
	2017-18	203

**(Post Graduate)-MCA**

Number applications received during last two years for admission under Management Quota and number admitted (Post Graduate)-MCA	Year	No. of Applications received	No. of admitted students
	2019-20	00	00
	2018-19	14	14
	2017-18	12	12

**(Post Graduate)-MBA**

Number applications received during last two years for admission under Management Quota and number admitted (Post Graduate)-MBA	Year	No. of Applications received	No. of admitted students
	2019-20	20	20
	2018-19	24	24
	2017-18	20	20

**(Post Graduate)-ME**

Number applications received during last two years for admission under Management Quota and number admitted (Post Graduate)-ME	Year	No. of Applications received	No. of admitted students
	2019-20	07	07
	2018-19	16	16
	2017-18	11	11

## 15. Information of Infrastructure and Other Resources Available:

### 15.1 Number of Class Rooms and size of each:

Sr. No.	Total No. of Classrooms	Avg. Size of Room
1	56	78.75 Sq.M.

### 15.2 Number of Tutorial rooms and size of each:

Sr. No.	Total No. of Tutorial Rooms	Avg. Size of Room
1	20	35.00 Sq.M.

### 15.3 Number of Laboratories and size of each:

Sr. No.	Total No. of Laboratories	Avg. Size of Room
1	87	87.50 Sq.M.

### 15.4 Number of Drawing Halls with capacity of each:

Sr. No.	Total No. of Drawing Halls	Avg. Capacity of Each Room
1	02	140.00 Sq.M.

### **15.5 Number of Computer Centres with capacity of each:**

Sr. No.	Total No. of Computer Centers	Avg. Capacity of Each Room
1	07	84.00 Sq.M. (Avg.)

### **15.6 Central Examination Facility, Number of rooms and capacity of each:**

No. of Class Rooms	Area	Seating Capacity of Room
40	08	100.00 Sq.M. (Avg.)

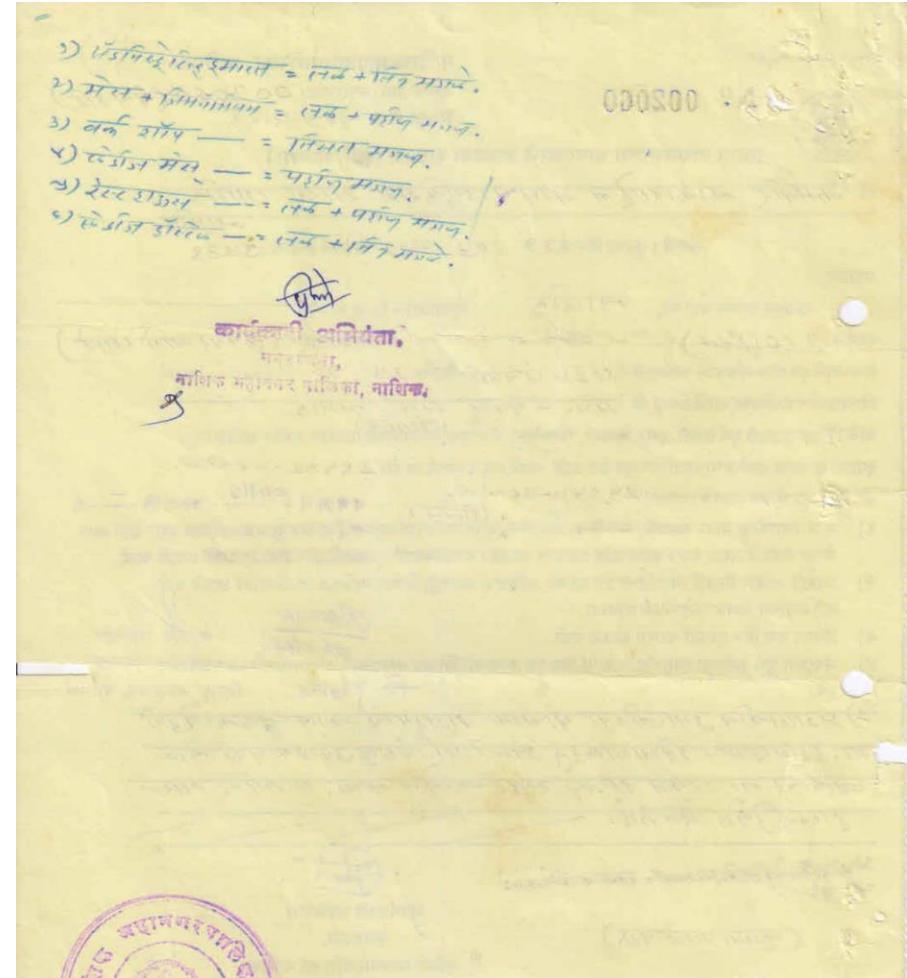
### **15.7 Barrier Free Built Environment for disabled and elderly persons:**

The institute follows government policies to cater to the needs of differently-abled students by means of

- Provision of lift, ramp and wheel chair
- Suitable toilets are available for differently-abled students
- Extra time and a writer is provided in the examination hall as per the norms of university.

### **15.8 Occupancy Certificate:**





## 15.9 Fire and Safety Certificate:

54267124  
31/12/2017

  
**NASHIK MUNICIPAL CORPORATION**  
FIRE & EMERGENCY SERVICE  
E mail :- cfo@nashikcorporation.in

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Office of the Chief Fire Officer

Ref. No: NMC / FIRE / WS / III / Edu- 01/ 2017. DATE: 26 / 12 /2017.

To,

K. K. Wagh Education Society, Nashik  
C/o Shri Manish Pawar, for Magar Pawar Associates, Nashik.

**Sub:- NOC under Maharashtra Fire Prevention & Life safety Measures Act, 2006**, for Completion / Occupancy Certificate for High Rise Educational Building in P.No--, S. No. 280, Mumbai Agra Road, Amruthdham, Nashik.

**Ref:** i) This office Provisional letter no. NMC/FIRE/WS/ II / ----.  
ii) Town Planning Department NMC, commencement certificate No. LND/ BP / Panch / 620 / 1177, dated 21/11/2006  
iii) Fire Prevention Fund Rs.13,17,120/- (Fire Fund Rs. 12,54,400/- + Insp. Fee. Rs. 62,720/-)  
a) Rs. 4,13,970/- Paid wide Book No. 7386, Pass No.44 , Dt 13 / 11 /2003.  
b) Rs. 9,03,150/- Paid wide Book No. 05312, Pass No.16 , Dt 29 / 11 /2017.

With ref. to above-mentioned subject, the representative of this department visited said premises of **High Rise Educational Building** in P.No--, S. No. 280, Mumbai Agra Road, Amruthdham, Nashik. for inspection of Fire prevention & protection arrangements provided by you in presence of Prin. Shri K. S. Bandi, Secretary & his technical staff . The Fire protection system, (wiz Hydrant / Hose reel system, Automatic sprinkler system & MOEF Alarm system) and portable fire extinguishers installed are found in satisfactory working condition.

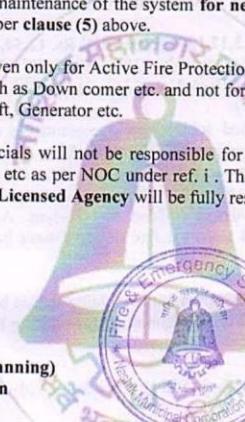
- 1) The fire protection systems installed in the building should be maintained in high efficiency state and in the proper working condition at all time during the use of the building by owner or occupier.
- 2) Staircases and Escape routes should be kept free of obstructions.
- 3) **Side marginal open space** from all sides of building should be kept **open, free of obstructions & motorable**. It shall be hard enough to take load of 40 ton Fire Appliance.
- 4) Fire protection system provided in the building should **not be tempered / altered or removed** from the building for any reason without permission of this department.
- 5) It will be the sole responsibility of the **OWNER/ OCCUPIER** to submit every six months i.e. in **January and July**, a certificate in the prescribed form issued by a **Licensed agency**, approved by **Chief Fire Officer**, NMC regarding the compliance of the Fire Prevention and Life Safety Measures in the building under clause 3(3) of **Maharashtra Fire Prevention and Life Safety Measures Act 2006**.
- 6) On contravention of any of above conditions, action will be taken against the owner/occupier and / or builder under **Maharashtra Fire Prevention and Life Safety Measures Act 2006**, clause 3, 4, 8 & 36 and this N.O.C. will stand cancelled without notice and the owner / occupier and / or the builder will be solely responsible to loss of life or property, if any.



- 7) The undersigned reserves rights to amend any additional recommendations deemed fit during the inspections due to statutory provisions amended from time to time and interest of the protection of life and property.
- 8) This certificate is issued on the basis of approved drawings and commencement certificate issued by Town Planning Department NMC under ref.no.2 & the equipments shown on site and information submitted in written by the owner and/or builder of the building. The owner and / or builder of the building will be solely responsible for any false information.
- 9) The owner / occupier will every year pay Annual fees, as decided by the Corporation, under clause 13(1) of Maharashtra Fire Prevention & Life safety Measures Act, 2006,

**NOTE:-** a) The Licensed Agency which has installed the Fire Protection system will be responsible for servicing & maintenance of the system for next five years and to issue the 'Form B' certificate as per clause (5) above.

- b) This NOC is given only for Active Fire Protection System i.e. for actual fire protection installations such as Down comer etc. and not for Passive Fire Protection e.g. Alternate staircase, Fire lift, Generator etc.
- c) Fire brigade officials will not be responsible for any accident due to lack of Passive Fire Protection etc as per NOC under ref. i . The Architect, owner and / or builder of the building and Licensed Agency will be fully responsible for the same.)

  
  
 Arunlalchand  
 26/12/17  
 Chief Fire Officer,  
 Nashik Municipal Corporation.

Copy to:  
**Executive Engineer (Town Planning)**  
**Nashik Municipal Corporation**

## **15.10 Hostel Facilities:**

Sr. No.	Hostel	No. of Students
1	Boys Hostel	250
2	Girls Hostel	140
	<b>Total</b>	<b>390</b>

## **15.11 Library:**

### **Number of Library books/ Titles/ Journals available:**

<b>Book Summary (As on 1st November, 2020)</b>	
Total Book Collection	92,818
Number of Titles	25,024
Book Collection Details	
Number of Technical Books	74,568
Number of General Books	4,703
Books under Book-Bank Scheme	10,563
E-Books Details	
Springer E-books	2,082
Other Complimentary E-books	550
Kindle e-book Editions	02

DELNET -World E-book Library (core engineering books is 6,23,989)	41,86,185
Journals & Magazine Subscribed	
National Journals & Magazines	130
International Journals & Magazines	40
Total	170
E-resources Subscribed	
Number of Online E-resources	13
Number of Online E-Journals	10,057
Daily News Papers Subscribed	13

#### **List of online National/ International Journals subscribed:**

Sr. No.	Name of E-Resources	No. of Journals Available	Back file from the year	E-resources Url. address
1	IEEE ASPP+ POP all	1) 190 IEEE Journals/ Magazines/ Trans. 2) 30+IET Journals & Magazines 3)1800+ IEEE Conference & Proceeding 4) 25+ IET	2010	<a href="http://ieeexplore.ieee.org/">http://ieeexplore.ieee.org/</a>

		Conference		
2	ASME	31	2000	<a href="http://asmedigitalcollection.asme.org/">http://asmedigitalcollection.asme.org/</a>
3	ASCE	39	1983	<a href="https://ascelibrary.org/">https://ascelibrary.org/</a>
4	Elsevier (Science Direct) <i>(Science Direct)</i>	296	2000	<a href="http://www.sciencedirect.com/">http://www.sciencedirect.com/</a>
5	ACM Digital Library	58 Journals & Trns., 12 Magazines, 995 Conference Proceeding, 69 Technical News	1954	<a href="http://dl.acm.org/">http://dl.acm.org/</a>
6	J-Gate (MBA)	8618	2001	<a href="http://jgateplus.com/search/">http://jgateplus.com/search/</a>
7	DELNET	795	--	<a href="http://164.100.247.30/">http://164.100.247.30/</a>
8	NDL (National Digital Library of India)	E-journals, E-book, Thesis, Audio- Video Lectures	--	<a href="https://ndl.iitkgp.ac.in/">https://ndl.iitkgp.ac.in/</a>
9	SWAYAM	Online Education Course	--	<a href="https://swayam.gov.in/">https://swayam.gov.in/</a>
10	NPTEL (IIT Video Lectures)	940 Lectures	--	<a href="http://192.168.3.202\NPTEL\NPTEL_Index\Index.html">http://192.168.3.202\NPTEL\NPTEL_Index\Index.html</a>
11	Springer (E-book)	2082 E- book's	2014- 15	<a href="https://link.springer.com/">https://link.springer.com/</a>

	Package)			
12	World E-book Library (DELNET)	41,86,185 E-book's	--	<a href="http://community.ebooklibrary.org/?AffiliateKey=WEL-WagInsEngEdu">http://community.ebooklibrary.org/?AffiliateKey=WEL-WagInsEngEdu</a>
13	D-Space	Institutional Repository	--	<a href="http://192.168.3.232:8080/jspui/">http://192.168.3.232:8080/jspui/</a>

- Other LAN base services:

NPTEL Video, GATE & Aptitude Test Software Access on LAN network:

NPTEL Video	GATE Paper Test Software	Aptitude Test Software
Click on network icon & type following URL in network address bar	Open any internet browser (i.e. Google chrome)	Open any internet browser (i.e. Google chrome)
\\\192.168.3.202\ntpel\ntpel index\index.html	Type following IP address to access these within college network/LAN	Type following IP address to access these within college network/LAN
	<a href="http://192.168.3.201:8080/gate/">http://192.168.3.201:8080/gate/</a>	<a href="http://192.168.3.201:8080/Aptitude/">http://192.168.3.201:8080/Aptitude/</a>
Available in college Network/LAN only	Click new user sign up	Click new user sign up
Book mark the page for further use	Fill details	Fill details
Select desired branch	Click save	Click save
Select topic & lecture	Login with your created username & password	Login with your created username & password
User name : test	Book mark the page for further use	Book mark the page for further use
Password : test		

## **E- Library facilities:**

Sr. No.	Description	Quantity
<b>Available Computer details</b>		
1.	Multimedia Computers	32
<b>Internet &amp; Wi-Fi</b>		
2.	Broad band Lease Line	240 mbps

## **Services Offered by Library:**

- Library OPAC:

The Library OPAC is a key to our entire collection of books that can also be accessed through web. Our Website is the gateway to the central library providing information about all its services and resources. It provides access to all electronic databases and full text journals. In this website user can download know your library document, external membership information details and membership form.

- Knimbus eLibrary Platform:

Institutional Repository is available through D-space software

<http://192.168.3.232:8080/jspui/>

- Kindle eBook Reader:

Kindle e-book reader facility provided from library.

- SPPU Question Papers:

[http://www.unipune.ac.in/university\\_files/old\\_papers.htm](http://www.unipune.ac.in/university_files/old_papers.htm)

- SPPU Syllabus:

[http://www.unipune.ac.in/university\\_files/syllabi.htm](http://www.unipune.ac.in/university_files/syllabi.htm)

- KIBO:

Bilingual Scanning and Reading Devices for Visually impaired

## **15.12 Laboratory and Workshop:**

### **15.12.1 List of Major Equipment/Facilities in each Laboratory/ Workshop:**

#### **1. Computer Engineering:**

Sr. No.	Name of the Equipment/ Facilities	Cost	Name of Laboratory
01	HP Computers (29 Nos): Intel Core: i3: (20), C2D:(01) PIV: (08), HP Laptops (Intel Core i3 – 4 Nos), HP Color Laser, Multi-function Color Laser, Dot matrix Printers, Scanner, Network Switches, UPS, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, Congnifront e-Teaching Tool, MyExamo	46,95,218.45	Object Oriented Programming Laboratory (E308-II)
02	HP Computers (28 Nos): Intel Core:i5:(20)C2D:(02) PIV:(06), HP LaserJet, Dot matrix Printers, Scanner, Network Switches, UPS, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, LEX, Yacc, Oracle 8i, MySQL, IBM DB2, PostgreSQL	41,14,174.22	System Software Laboratory (E303-I)
03	HP Computers (27 Nos): Intel C2D: (19) DC:(01), PIV:(07) HP LaserJet, Dot matrix Printers, Scanner, Network Switches, UPS, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python MongoDB, MS Visual Studio, C#, WEKA, R	41,14,174.22	Database System Laboratory (E303-II)
04	Microprocessor & Microcontroller Trainer Kits, Stepper Motor, ADC, DAC CRO, Power Supplies, Function Generators, HP Computers (31 Nos): Intel PIV:(12) Dual Core:(19), HP LaserJet, , Dot matrix Printers, Scanner, Network Switches, UPS, Ubuntu, Eclipse, gcc, g++, NASM, Xilinx	43,38,545	Microprocessor Laboratory (E403-I)
05	HP Computers (23 Nos): Intel Core:i3:(21), C2D:(01) PIV:(01), HP LaserJet, Dot matrix Printers, Scanner, Network Switches, UPS, Beagle Bone, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, Php, AJAX, Jquery, JBoss, Bootstrap, MySQL, Xamp, Tomcat	17,35,791.59	Software Laboratory (E408-I)
06	HP Computers (28 Nos): Intel Core: i7: (25), Core i3: (01), PIV:(02), HP LaseJet, Dot matrix Printers, Scanner, Network Switches, UPS, Beagle Bone, Matlab, MsProject 2010, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, HP Mercury QTP, IBM RSA, IBM RFT	17,35,791.59	Project Laboratory (E408-II)

07	HP Computers (28 Nos): Intel Core: i3: (08), C2D: (20) Audio Response System, HP Color Laser, Dot matrix Printers, Scanner Network UPS(02 Nos) Switches, Ubuntu, Eclipse, Java, JDK, g++	25,92,693.29	Programming Laboratory I (E503-I)
08	HP Computers (29 Nos): Intel Core: i3: (01) C2D: (27), Dual Core:(01), Audio Response System, HP LaserJet, Dot matrix Printers, Scanner,Network Switches, UPS , Ubuntu, Eclipse, Java, JDK, gcc, g++, Python	25,92,693.29	Programming Laboratory II (E503-II)
09	HP Computers (31 Nos): Intel Core: i7: (01) Core i5:(27), Core i3:(03), HP LaserJet, Dot matrix Printers, Scanner, Network Switches, UPS(02 Nos) Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, Wire shark, NS2 Packet Tracer	18,94,893.25	Programming Laboratory III (E506-I)
10	HP Computers (30 Nos): Intel Core: i5:(09), Core i3: (21), All-in-one PC,HP Color Laser, Dot matrix Printers, Scanner, Network Switches, UPS, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, WEKA, MEKA, R, Macromedia Studio, 3d Max 7	18,94,893.25	Programming Laboratory IV (E506-II)
11	HP Computers (29 Nos): Intel Core: i5: (15),C2D:(01) PIV:(13) HP Color Laser, Dot matrix Printers, Scanner, NAS (Network Attached Storage) Network, Switches, UPS(02 Nos), IoT Trainers with Temperature, Sound, Light, Ultrasonic, Proximity, PIR sensors, Relays, Bluetooth, Wi-Fi, Stepper Motor, Elevator and buzzer, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, Scilab, WEKA, MEKA, R	82,20,141.60	Research Laboratory (E306-I)
12	HP Computers: Core i3: (19Nos), HP LaserJet , Dot matrix Printers, Scanner, Data Projector, Ubuntu, Eclipse, Java, JDK, gcc, g++, Python, Scilab, WEKA, MEKA, R, Datasets	8,76,214.50	PG Laboratory (F404)

## 2. Chemical Engineering:

Sr. No .	Item	Total Amount	Lab Name
1	Characteristics of control valve	59386	Process Instrumentation and Control
2	Calibration of venturimeter, orificemeter & Rotameter	38155	Process Instrumentation and Control
3	Cooling Tower	57942	Mass Transfer-I
4	Bubble cap distillation column	103040	Mass Transfer-II

5	Humidification & Dehumidification	61543	Mass Transfer-I
6	Rotary drier	86130	Mass Transfer-I
7	Sieve plate distillation column	91325	Mass Transfer-II
8	Plate & Frame Filter	73320	Mechanical Operation
9	Single effect evaporator	80910	Mass Transfer-I
10	Flow Control Test Rig	81250	Process Dynamics and Control
11	Computerization of Bubble cap column	182000	Mass Transfer-II
12	LCD – Projector	59063	Process Modeling and Simulation
13	low cost autoclavable lab fermenter	166050	Project Lab
14	Gas Chromatograph GC 7610 Microprocessor based gas Chromatograph	325327	Process Instrumentation and Control
15	BTI orbital shaking incubator	72360	Project Lab
16	Contech Electronics Digital Weighing Balance Ca-224200gm Capacity 0.1 Mg accuracy	50039	Mechanical Operation
17	Cascade control system with SCADA	115875	Process Dynamics and Control
18	Vacuum Batch Distillation Column	196045	Mass Transfer-II
19	Rotary vacuum filter	175960	Mechanical Operation
20	plate type heat exchanger	94075	Project Lab
21	open pan evaporator	58540	Project Lab
22	fluidised bed heat transfer unit	96392	Project Lab
23	Heat Transfer in Agitated Vessel	80942	Project Lab
24	Precision Balance 5 kg Cap. 0.001gm/0.01 gm	50062	Project Lab
25	COD Digester (digital) 15 tubes	58142	Project Lab
26	Digital Weighing balance	64014	Project Lab
27	Discharge through Venturimeter, orificemeter & Rotameter	60871	Process Instrumentation and Control
28	Bernoulli's Theorem apparatus	50000	Project Lab
29	Dual Frequency Ultrasonic Cleaner	87792	Project

### 3. Civil Engineering:

Item No.	Name of Equipment	Model/ Make	Total Cost
1	H P Desing Jet Plotter Model 500 A O 42" with roll feed kit & stand	Hi-Tec comp services 85 24/7/1998	138500
2	7.5 KVA on line shine wave U P S , SMF Battries of Exide make of capacity 26 A H – 12 V 10 nos battery rack 1no	Magna Flux Systems Pvt Ltd MS/G/01/27 27/11/2001	95000

3	LCD Projector Model PT LC 75	Hyper Marketing ,( Singapoor) ,Pvt Ltd,Pro-0201/2002/CA/ 18/10/2002	139512
4	IBM Thinkpad ,Intel Pentium M 735 ( 1.7 Ghz 2MB Cache ) 512 MB DDR Ram /80 GB HDD DVD writer/802=11 wireless integrated blue tooth internal modem/Ethernet/vsb optical scroll mouse windows xp home cary case	Minitek Systems ( I ) Pvt Ltd 28 23/09/2005	65000
5	Software sales Autodesk Civil Solution Set ( 10 users )	ADCC Inforced Pvt Ltd Baroda Branch	237500
6	MATLAB Simulink Mapping Toolbox Statistics Toolbox	India Soft Technologies P-1/12-A//05-06/12/9/2005	104527
7	7.5 KVA on line UPS with 15 min backup	Genral Maintanance Co	72750
8	7.5 KVA online UPS eith SMF Battery set		194309
9	NISA Civil 50000 DOF floating licence on hardware for 10 users		135200
10	Bundles of Software Package Struds,Struds –steel,SEPL RET wall,QE-Pro,SEPL – ESRGSR,	STRUDES	155000
11	STAAD PRO	Staddpro	54000
12	7.5 KVA online UPS set	Genral Maintanance Co	80000
13	Civil FEM Academic Teaching Introductory Versiob 21.1,32000 nodes 5 users perpetuall	Innovent Engg Solution Pvt ltd.	367500
14	Cognifront Engineering Mechanics V3.0 Teaching Software gold edition		59238
16	7.5 KVA Online UPS.		141284
17	Cognifront Software		100000

18	MATLAB SOFTWARE		200000
19	H.P. Design Jet T830 36in MFP Printer - F9A30B0		213653
20	MATLAB SOFTWARE		175000
21	Universal testing m/c.	Tass	172780
22	Flow table	Aimil	59400
23	Schmidt Hammer Digital	Aimil	75900
24	Ultrasonic Pulse Velocity Machine	Aimil	265200
25	Compression Testing Machine	AIMIL	285324
26	Concrete Mixer	AIMIL	235000
27	Accelerated Curing Tank	AIMIL	144581
28	Remi Environment Test Chamber model No 105	AIMIL	141288
29	High Pressure Air Compressor with automatic cutoff		50063
30	Scholar plus ,logging cover & half cell meter complete with standard search head & lead carrying bag with shoulder strap hoster,PC connecting lead ,earphones		590844
31	Flexure testing machine for 10X10X50 cm & 15X15X70 cm beams,motorises,100KN cap		104157
32	Laboratory concrete mixer ,Pan type,cap 40 lit	AIMIL	111320
33	Hydraulic Jack 1000 KN capacity with gauge & hand pump	AIMIL	58960
34	1)Horizontal Shake Table with eccentric cam		130000

	2) Vertical Shake Table	Milenium technologies (I) Pvt. Ltd	130000
	3) Experimental model consisting of 12 models		95000
35	Digital Indicator		282000
36	Concrete Test Hammer	Balaji Enterprises, Amaravati	66000
37	Loading Frame for Material Testing Laboratory. Size:87"x 57"	AIMIL	120327
38	Universal Testing Machine.		2000000
39	Torsion Testing Machine		200475
40	Hydraulic Jack		68369
41	Vibrating Machine		63757
42	Servo Hydraulic Dynamic / Static Actuator (100 KN)		2400000
43	Vibrating Table		99100
44	Tensile Strength Tester.		85255
44	Digital Loading Frame		1000000
45	Load Cell : 1000 KN.		263500
46	Digital Spectrophotometer		89800
47	High Volume Sampler & Stack As Monitoring	-	94841
48	BOD OXI Direct Apparatus for Six samples		131000
49	Direct COD Vario Setup		125000
50	Rispirable Dust Sampler		105000
51	Systronics Visible Spectrophotometer 340-960nm		63868
52	Flame Photometer		55000

53	B.O.D, Incubator		94722
54	Fine partical sampler.Including gaseouses sampling.		173650
55	Laminar Air Flow Horizontal		61685
56	Portable ,Non contact type,Ultrasonic,Transit time flow meter with accessories	Chetas Control System Pvt Ltd 071,15/01/2007	300000
57	Electrical Analogy Apparatus	S.P.EngineersSp/07-08/J 183/058-A11/03/2008	81281
58	Losses due to friction in pipe lines ( with stainless steel tank )	K.C.Engineers Pvt Ltd. KCEPL-173,28/9/2010	59780
59	Losses due to pipe fittings,sudden enlargement & contraction ( with stainless steel tank )	K.C.Engineers Pvt Ltd. KCEPL-173,28/9/2010	57780
60	Discharge through venturimeter & orifice meter ( with stainless steel tank )	K.C.Engineers Pvt Ltd. KCEPL-173,28/9/2010	57780
61	Impact of jet on vanes ( with stainless steel tank )	K.C.Engineers Pvt Ltd. KCEPL-173,28/9/2010	55780
62	Bernoullis theorem Apparatus ( with stainless steel tank )	K.C.Engineers Pvt Ltd. KCEPL-173,28/9/2010	55780
63	Wind Tunnel Test Ring with variable speed		379024
64	Tilting Bed Flow Channel		505079
65	Pressure Transducer.		79016
66	Electrical Analogy Apparatus		76007
67	Tri-axial shear test aparatus(with all accesaries)	TASS	109200
68	Relative density apparatus	AIMIL	55000
69	Aqua-meter CRM including all accessories	AIMIL	67700
70	Universal Tri-axial outfit with electronic instrumentation	AIMIL	258171

71	Plate load test apparatus with assembly	Paragan	189194
72	CASTeR Software with hard lock	CASTeR	55000
73	Mini Pressure Meter	AIMIL	168000
74	AIMIL Direct shear test apparatus.	AIMIL	1,31,059
75	Aimil Digital Compression Testing Machine ,500 KN cap AIM 311E DG-1	AIMIL	252656
76	Bump Integrator		258300
77	Sound Level Meter LSM100		120552
78	AIMIL Film stripping device.	AIMIL	66691
79	AMIL canon manning cum canon key viscometer bath with vacume pump (without tube)	AIMIL	384651
80	Pentax Total Station Model PCS 225 Comp with all access.	Lawrence and Mayo PELCON 225	392200
81	1"Digital Theodolite	National /FOIL, DJD-2a	119000
82	Nikon Pulse Lesser Station.	Shotam Instrument Pvt. Ltd.	511000
83	Digital Level, Model:DL-202	Sr. No. 02901	77963
84	Pentax Electronic Theodolite ETH-502	Pentax.	100096

#### 4. Production Engineering:

Sr.No.	Name of Equipments /Facility	Cost	Name of Laboratory
1	Inverted Metallurgical Microscope with Image Analysing Software	311856	Engg. Metallurgy Lab
2	CMOS Camera for Metallurgical Microscope (German Made)	147098	Engg. Metallurgy Lab
3	Vickers Cum Brinell Hardness Tester	97000	Engg. Metallurgy Lab
4	Eddy Current Tester	72912	Engg. Metallurgy Lab
5	Erichsen Cupping Tesing Machine	59900	Engg. Metallurgy Lab

6	Rockwell cum Rockwell Superficial Hardeness Tester	50000	Engg. Metallurgy Lab
7	Ultrasonic Flaw Detector	83304	Engg. Metallurgy Lab
8	Surface Roughness Tester	156704	Engg.Metrology Lab
9	Floating Carriage Diameter Measuring Machine	112631	Engg.Metrology Lab
10	Mono-Cromatic Light Source with Optical Flat	47412	Engg.Metrology Lab
11	Tool Makers Microscope, 30x	91922	Engg.Metrology Lab
12	Pneumatic Comparator	47412	Engg.Metrology Lab
13	Angel Dekor	54400	Engg.Metrology Lab
14	Pneumatic Transparent Circuit Trainer	156325	Automation Lab
15	Hydraulic Trainer (Junior)	91791	Automation Lab
16	Electro-Hydraulic Trainer Kit with PLC	475000	Automation Lab
17	Cyber-Bot(M4) High Performance Robotic Kits	120825	Robotics Lab
18	6-Axis Programmable Robotic Arm System	179025	Robotics Lab
19	5-Axis Robot Manupulator	168750	Robotics Lab
20	Auto Desk Mechanical Software	250000	Computer Graphics Lab
21	TOP-Solid Progress/Mould Software	52000	Computer Graphics Lab
22	MAT-LAB Software	109509	Computer Graphics Lab
23	Witness Simulation Software	160000	Computer Graphics Lab
24	UG-Unigraphics Software	425000	Computer Graphics Lab
25	Master-CAM Software	132000	Computer Graphics Lab
26	Statgraphics Software	155000	Computer Graphics Lab
27	ZWCAD Software	61669	Computer Graphics Lab
28	Altair-Hyperwork CAE Suite	200025	Computer Graphics Lab
29	PTC-Creo Software	245000	Computer Graphics Lab
30	Automation Studio Software	587500	Computer Graphics Lab
31	MATLAB 2017 Software	200000	Computer Graphics Lab

32	FEAST Academic Version Software	220000	Computer Graphics Lab
33	Electric Discharge Machine (EDM)	217000	Non Traditional Machining Lab
34	Plazma Cutting Machine	140000	Non Traditional Machining Lab
35	Magnetic Abrasive Finishing Machine	123900	Non Traditional Machining Lab
36	Universal Sand Strength Testing Machine	60000	Foundry Testing Lab

## 5. Electrical Engineering:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory

1	1. Oil Testing Setup, 2. C & Tan D bridge Model 3. Angle & dielectric constant meter 4. IR Thermometer 5. Thermal Imager 6. Integrated sounds level meter 7. Portable flue gas & combustion analyzer with gas sampling probe 8. Insulation Resistance Tester, 9. High Voltage AC/DC set with control panel 100 kV AC/ 140 kV DC set 10. Digital Conductivity Meter 11. 10 kV Digital Insulation Tester, 12. Ageing equipment to study crack development 13. High Voltage Tester 30 kV, 30 mA, with jig for solid material	59635.00 422936.32 80000.00 74900.00 500000.00 370432.00 413016.00 52605.00 135304.00 396844.00 254250.00 174049.00 416154.00	Material Science & HV Engineering
2	1. Induction Motor, 2. 5HP 415V 1500RPM Slip Ring I.M With Rotor Resistance Starter. 3. 5 HP 3 Phase 415V50 Hertz 1500 RPM AC Sq. Cage I. M. With pony brake system 4. DC Series Motor  3HP 230 V 1500 RPM, DC Series Motor with pony brake system  5. DC Shunt Motor Set. i. 1 HP /220V/1500RPM/Shunt DC	14450.00 22288.00 19500.00 38306.00	Elect. Machine – I, Basic Electrical Engg.

	<p>motor working cut model with BDA</p> <p>ii) 3.7 KW 230 V 1500 RPM, DC Shunt Motor with pony brake system</p> <p>6. Motor Generator set</p> <p>DC Motor DC Generator</p> <p>DC Generator MPEC- Shunt 3 KW 230 V, 1500 rpm frame MP 132.5 couple with MPEC Make DC Shunt motor 3.7 KW 5 HP 230 V 1500 rpm</p> <p>7. M. G. Set Synchronous motor</p> <p>3 KVA 3 Ph., 440 V, Coupled to 5 HP 230 V DC Shunt Motor</p>	25750.00 75000.00 28025.00	
3	<p>1.100 MHz Digital Storage Oscilloscope Metrix make</p> <p>2.Rectifier</p> <p>3.100 MHz Digital Storage Oscilloscope Phillips Make</p> <p>4.Aplab 30 MHz Dual Trace Oscilloscope</p> <p>5.Aplab 3 MHz Multi Waveform Signal Generator</p> <p>6.3 Phase Induction Motor Controllar Using V/F ,3 Phase AC Voltage Regulator</p>	<p>1,55,000</p> <p>1,69,250</p> <p>1,30,000</p> <p>1,99,424</p> <p>74,604</p>	Elect. Machine II, Industrial Drives & Control, Power Electronics, Power Quality Lab.

4	1. Zaran make C.T. test set. 2. Zaran make P.T. test set 3. Earth Clamp tester 4. 1) Computer Interface Software 2) PID Trainer 5. Digital Earth Tester, 0.01 to 1000 Ohm, AC leakage current measurement 0-30 A with memory storage facility	58,500.00 46,500.00 47,953.125 59075.00 42075.00 67641.00	Electrical Measurement, Network Analysis, Control System Lab
5	1. PLC Trainer Kit, SCADA Software 2. Switchgear testing kit 3. Air circuit breaker 400 Amp, 440 Volt 4. Table top PLC training kit 5. Relay Testing Kit 6. Circuit Breaker Time Interval meter 7. Primary Injection Test Kit O/p: 0-250-500-1000 A 8. Numerical Transformer Differential Relay 9. Numerical Communicable Motor Protection Relay 10. Numerical 3 OC & 1 EF Protection Relay	428400 44587 46834 46000 98500 65000 284618 54000 54000 12402	Power System-II, Switchgear & Protection, PLC & SCADA, and Project
6	1. PIC18f458 Trainer Board. 2. 8051 Trainer Board	9250 9143	Microcontroller Lab.

7	1. Basic electrical engineering. 2. PSCAD.(3.0.3) 3 LABVIEW.(2014)	100000 Free upgrade 675000	Software Lab.-I
8	Orell Language Lab Software	1,15,000	Language Lab.
9	1. ANSYS(2018) 2. MATLAB(2018) 3. PSCAD(3.0) 4. LabView	1150500 200000 Free upgrade 6,75,000	Research Lab.-I

## 6. Electronics & Telecommunication Engineering:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1	PCB Design Tools	Rs. 1,56,762/-	Basic Electronics
2	Cognifront's Basic Electronics Engineering Software	Rs. 1,00,000/-	
1	IC Tester	Rs. 55,998/-	Analog Electronics
2	7.5 kVA Online UPS	Rs. 1,07,000/-	
1	Microwave Bench with Klystron Mount.	Rs. 58,678/-	Microwave & Optical Communication
2	Microwave Bench with Gunn Diode.	Rs. 62,208/-	
3	Fiber Optic LED Characterization Module with Fiber Optic Power Meter. FC Link 20 meters, RS-232 Interface Module, Optical Fiber & Digital Trainer.	Rs. 1,10,711/-	
4	Optical Time Domain Reflectometer with Optical Fiber Spool of 1 km Length.	Rs. 5,04,291.25/-	

5	DSO X 2002A, 70 MHz 2 Channel DSO.	Rs. 51,450/-	
6	Microwave Training Lab. (Klystron+Gunn) 5.8 GHz C & S Band Satellite Training Lab.	Rs. 6,02,438/-	
1	9 kHz – 1.5 GHz Spectrum Analyzer. Basic Analyzer with Tracking Generator.	Rs. 3,77,408.00/- Rs. 75,850.40/-	Electronics Communication
2	Synthesized RF Signal Generator (0.01 to 1000 MHz)	Rs. 3,94,857.41/-	
3	Multipurpose Lab Station: 100 MHz, 2+16 C Mixed Signal Oscilloscope. Triple Output GPIB Power Supply. 6 ½ Digit Digital Multimeter. 20 MHz Arbitrary Function Generator.	Rs. 5,87,044.00/-	
4	Signal Generator + Signal Analyzer for Antenna Training Lab.	Rs. 2,83,352.00/-	
5	Antenna Training System (5 MHz to 2000 MHz) Base Unit (without Antenna) Transmitter & Receiver.	Rs. 2,34,650.00/-	
6	Digital TV Trainer.	Rs. 49,900.00/-	
7	HDTV Trainer Kit.	Rs. 84,375.00/-	
8	3G Mobile Trainer Kit.	Rs. 67,500.00/-	
9	Wi- Fi / Smart LED Television.	Rs. 56,148.75/-	
10	Software Defined Radio Kit.	Rs. 1,37,824.00/-	
1	60 MHz Color Digital Storage Oscilloscope	Rs. 61,000.00/-	Computer
2	ORCAD Software	Rs. 3,40,000.00/-	
3	MATLAB Software	Rs. 3,67,776.00/-	
4	Multisim Software (10 users)	Rs. 1,90,000.00/-	
5	On Line UPS 7.5 kVA with Batteries	Rs. 1,07,060.00/-	
6	On Line UPS 7.5 kVA with Batteries	Rs. 1,07,060.00/-	
7	Automation Studio Version 6.1	Rs. 3,00,000.00/-	

1	Advanced PLC Trainer	Rs. 81,759.00/-	Industrial Electronics
2	PID Trainer Kit & Software	Rs. 78,049.00/-	
3	Vibration Sensor & Air Flow Sensor Experiment Kit	Rs. 53,565.00/-	
4	DSO 70 MHz Dual Channel	Rs. 51,450.00/-	
1	Flow Control Loop	Rs. 1,21,614.00/-	Instrumentation and Control
2	Level Flow Control Trainer	Rs. 69,750.00/-	
3	Heat Exchanger Computerized	Rs. 94,395.00/-	
4	DSO (60 MHz)	Rs. 61,000.00/-	
5	Aplab 12Hz – 100kHz LCR-Q Meter with RS232C Interface	Rs. 1,24,087.00/-	
6	DSO (70 MHz)	Rs. 50,907.75/-	
7	Smart Transmitter	Rs. 68,625.00/-	
8	Electronics Ultrasonic Flow Measurement System	Rs. 79,000.00/-	
9	Data Acquisition System with SCADA Software and Serial Converter	Rs. 69,000.00/-	
10	Pneumatic and Electro Pneumatic Trainer	Rs. 59,000.00/-	Medical Electronics
1	GW-Digital Storage Oscilloscope, GEN141050	Rs. 55,000/-	
2	Multichannel PC Based ECG Machine	Rs. 67,500/-	
3	Calibration of BP Measuring Machine	Rs. 22,500/-	
4	Finger Plethesmography	Rs. 16,875/-	
5	Heart Rate Monitor cum ECG Trainer	Rs. 13,624/-	
6	Universal IC Tester	Rs. 24,113/-	Power and Design
1	DC Motor Drive Trainer System with Analog Control	Rs. 51,116/-	
2	PLC Trainer Base on SIMATIC S7-200	Rs. 94,025/-	
3	Digital Real Time Power Scope 60	Rs. 1,24,500/-	

	MHz		
4	3 Phase Induction Motor, Master Drive	Rs. 1,77,280/-	
5	Digital Storage Oscilloscope 100 MHz	Rs. 1,87,000/-	
6	DC Power Supply (0-300V, 10A)	Rs. 73,053/-	
7	7.5 kVA UPS with SMF Battery Set	Rs. 1,01,000/-	
8	Thermal Imaging Camera	Rs. 55,126/-	
1	VLSI Training Units : FPGA and CPLD (7)	Rs. 1,89,034/-	VLSI
2	Educational Practice Board for ARM, LPC2148 with Interfacing (6)	Rs. 87,480/-	
3	TK Base Universal VLSI Development Board: TK 2S200 Xilinx FPGA Spartan II, TK 3S400 Xilinx FPGA Spartan III (8)	Rs. 97,195/-	
4	VLSI Design S/W Xilinx Make - ISE Series Version 8.2i Upgraded to 14.7	Rs. 98,800/-	
5	Edutech Practice Board for ARM, LPC2148 with Interfacing (6)	Rs. 58,193/-	
6	Universal Trainer Kit (2) : Daughter Board TK3SXXXX Xilinx FPGA SPARTAN III (2), Daughter Board ARM-7 (2)	Rs. 53,386/-	
7	Educational Practice Board for ARM7 (5) and ARM 9 (1) with Interfacing	Rs. 99,000/-	
8	Mentor Graphics Software for CMOS Design	Rs. 5,25,000/-	
1	Microwind 3.5 Software	Rs. 2,94,000/-	PG
2	TK Base Logic Analyzer Hosted/ Upgradable Universal Trainer	Rs. 67,785/-	
3	a) Explorer - ARM 9 Development Board (02) b) Helian Board - PIC (01) c) Oasis Herculis Board FPGA with ARM (01)	Rs. 65,860/-	
4	a) Taurus: ARM 9 Based Development Board (02) b) Helian Board - DSP	Rs. 71,400/-	

5	a) SBC 9302 Single Board with Interfacing Card (02) b) Spartan III Based DSP VLSI Protoboard (03)	Rs. 1,22,310/-	
6	TK Base Logic Analyzer Hosted/ Upgradable Universal Trainer with Interfacing Card (03)	Rs. 70,182/-	
7	MATLAB 13a with 9 Different Toolboxes (10 User)	Rs. 4,40,738/-	
8	Programmable System On Chip Kit with Daughter Card (02)	Rs. 94,275/-	
9	Microwind 3.8.4 Software (5 New User Licenses + Upgrade of 5 Old Licenses)	Rs. 2,12,400/-	
1	All in One DSP Educational Practice Board Kit	Rs. 1,32,552/-	Research
2	Software Defined Radio Kit	Rs. 1,95,000/-	
3	Matlab 2017b	Rs. 1,00,000/-	
4	FPGA – ZYNQ Trainer Kit with Standard Accessories	Rs. 1,41,600/-	

## 7. Mechanical Engineering:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1.	Flow Transducer Characteristics Trainer	78375	Mechatronics
2.	Temperature Sensor Calibration Trainer	25555	
3.	Capacitance Level Transducer Trainer	20900	
4.	PID Trainer: P, PI, PD, PID	28025	
5.	X-Y Position Control System	94905	

6.	Linear Conveyor Control System	35150	
7.	Rotary Position Control System	33250	
8.	Data Acquisition System	40330	
9.	Analog PLC Trainer	162035	
10.	DSO	25900	
11.	PID controlled DC Motor speed control system	75900	
12.	PLC based Lift Simulator Module	55296	Heat Transfer
13.	Advanced PLC programming Trainer kit	115200	
14.	Rotary bottle fill trainer	57140	
15.	Setup for study of different switches and relays	38708	
16.	Drop wise And Film wise Setup	34440	
17.	Heat Pipe Apparatus	33060	
18.	Shell And Tube Heat Exchanger	43600	
19.	Thermal conductivity of metal rod	23630	
20.	Stefan Boltzmann app.	23375	
21.	Forced convection apparatus	22185	
22.	Pin-fin apparatus	36000	
23.	Natural Convection apparatus	25600	
24.	Heat Pump Trainer	41312	Refrigeration and Air conditioning
25.	Ice plant tutor Test Rig.	70000	

26.	Air Conditioning Test Rig.	140000	
27.	Vapour Absorption System.	75000	
28.	General Cycle Refrigeration Trainer	88000	
29.	Window Air Conditioning Trainer	68000	
30.	Domestic Refrigerator Trainer	68000	
31.	Testo Professional Multifunction Instrument	244478	
32.	Thermal Imager	256241	
33.	Thermometer with Calibration	40423	
34.	Hydraulic Trainer	136800	MODEL LAB I & II
35.	Electro pneumatic Trainer	100800	
36.	Power Transmitting ,Absorbing ,Producing device prototypes	513167	
37.	Determination of Major losses through metal & non-metal pipes	30073	Fluid Mechanics
38.	Determination of minor losses due to pipe fittings.	30073	
39.	Bernoulli's Apparatus	34073	
40.	Clutch and brake lining setup	62000	Machine lab
41.	Slip and crip test rig (with flat & V belt)	48500	
42.	Shock absorber test rig	192578	
43.	Dynamic balancing machine	90750	
44.	Makit master	98989	
45.	Vibration analyzer/ FFT	340000	
46.	Epicyclic gear train & involute gear tooth profile	110403	
47.	Two Stage Air Compressor Test Rig	53,700	Engine
48.	Bomb Calorimeter with Safety Device of Bomb	42,500	

	Certified by Shriram Test House		
49.	Root Blower Test Rig	1,76,000	
50.	Diesel Engine (Computerized) test rig single cylinder 4 stroke kirloskar Made	4,25,000	
51.	Test Rig of 4 Stroke Multi Cylinder (3 Cylinder) Petrol Engine	2,50,000	
52.	AVL DI Gas 5 Gas Analyzer with Accessories (Pollution Testing Machinery )	3,60,000	
53.	APEX -Computerized VCR Testing Setup Single Cylinder 4 Stroke Diesel Engine	7,06,500	
54.	TESO T330 Modular Flue Gas Analyzer with Accessories	2,38,543	
55.	BMW Engine and transmission Part No:0072Y029	Donated by BMW	
56.	Separating And Throttling calorimeter (combined)	1,18,000	

## 8. Information Technology:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1	HP Computers- Core i5 (38Nos)	13,68,000	Project Lab
2	HP Compaq Desktop Intel Core 2 Duo (8 Nos)	2,37,600	Project Lab
3	IBM X3100M4 Server (1 Nos)	60,500	Project Lab
4	Data Projector	30,000	Project Lab
5	COMSOL Software	1,83,570	Project Lab
6	HP Computers- Core i3 (10 Nos)	2,25,000	Software Lab I
7	HP Computers- Core i7 (20 Nos)	7,90,000	Software Lab I
8	HP Computers- Core i3 (25 Nos)	5,62,500	Software Lab II
9	Oracle WDP Program	1,50,000	Software Lab I
10	HP DX2480 Desktop-FX801PA Intel Core 2 Duo (8 Nos)	2,08000	Hardware Lab
11	HP Compaq 7400 PC E2140/Dual Core (15 Nos)	4,14,000	Hardware Lab
12	Digital Trainer Model – DT 3000D (12Nos)	86,400	Hardware Lab
13	HP 15.6" TFT Monitor (20Nos)	80,000	Programming

			Lab I
14	HP Compaq D220 Intel P4 (3)	81,301	Programming Lab I
15	HP PRO 3090 Desktop 86647325 - VY707AV, C2D/2.93 (29 Nos)	7,49,157	Programming Lab I
16	Lenovo E Series 4080 Thinkpad	38,500	Programming Lab I
17	HP Computers- Core i3 (18Nos)	6,03,000.15	Programming Lab II
18	HP PRO 3090 Desktop 86647325 - VY707AV, C2D/2.93 (12 Nos)	3,10,009	Programming Lab II
19	HP Compaq D220 Intel P4 (20)	6,40,000	Programming Lab II
20	HP Compaq D220 Intel P4 (17)	4,33,616	Language Lab
21	Orell Digital Language Lab Software	1,15,000	Language Lab
22	Neurosky Mindwave Mobile	10,900	Research & Development
23	COMSOL multiphysics , Wave Optics Module (single user)	41,064	Research & Development
24	VPL-DX220 Projector	90,750	Audio & Video

## 9. MCA:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1	HP PRO 3090 MT, INTEL CORE TO DUO 2.93 GHz	723333	MCA LAB I
2	7.5 KVA UPS	80000	
3	Dot Matrix Printer EPSON LQ-1150	11348	
4	HP Laser Jet 1025 COLOR Printer	13465	
5	HP 1007 Laser Jet printer	5500	
6	HP Scan Jet G2410 Scanner	3275	
7	Rack 6U with Acessories	4339	
8	Industrila socket EL Ac Box 32A 3P	5240	
9	Switch DES 1024 D 24 port 10/100 MBPS DLink	10962	
10	HP Probook 45405 DON65PA Laptop	38000	
11	Web Camera	3050	
12	Presenter Logitech & 1TB External HD	3150	
13	Cordless Presenter	6200	
14	Ciscoco 5B 52 Port 10/100/1000/ 25FP Giga M-SRW 2018 Manage Switch	23186	
15	Keyboard USB Intex Model: IT-1017 RB	975	

16	Intel core i5 Desktop systems	360000	MCA LAB II
17	Intel core to Duo Desktop System	358800	
18	IBM X3100 Server PC	60500	
19	7.5 KVA UPS	80000	
20	Dot Matrix Printer	25800	
21	Laser Jet Printer	13200	
22	HP Scanjet G2410-L 2694A	3830	
23	D-Link 1024 D 10/100 switch	25270	
24	HP- Intel Core 2 Duo	260000	MCA LAB III
25	Wireless 108G Access Point	3014.55	
26	USB Portable Hard Drive	7050	
27	USB card reader	1000	
28	Webcam	750	
29	HP Laserjet Multifunction Printer	14713	
30	Dot Matrix Printer	25890	
31	7.5 KVA UPS	75000	
32	D-link 24 Port Switch	11875	MCA LAB IV
33	D-Link Patch Panel Port	10450	
34	HP Intel Core i3	513000	
35	Lenovo Laptop Intel i3	38500	
36	Cisco Managed Switch	29500	
37	Intel core i3 Desktop systems	335000	
38	Intel core i7 Desktop systems	395000	
39	7.5 KVA UPS	95000	
40	48 port switch	28300	MCA Seminar Hall
41	Dot Matrix Printer	25619	
42	Laser Jet Printer	8,286	
43	LCD Projector	291900	

## 10.MBA:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1	HP SCANNER 2410	3275	Computer Laboratory-I
2	HP SCANNER 200	3850	
3	SONY LCD PROJECTOR	30250	
4	Dot Matrix Printer	12500	

5	Lenevo E-Series 4080 Thinkpad Laptop	38500	Computer Laboratory-II
6	HP Probook 4540S	38000	
7	HP Laserjet M1005 MFP Printer	11895	
8	KYAN SYSTEM	95000	
9	HP CLJ CP1025 Printer	14700	
10	Epson LQ 1150 Dot matrix Printer	11348	
11	Portable PA System	3500	
12	Business Communication CD's	12522	

## 11. Applied Science & Mathematics:

Sr. No.	Name of Equipment/ Facilities	Cost	Name of Laboratory
1	Oven ,Muffle Furnace,Spectrophotometer and all Equipments from Dead Stock	1094019=00	Chemistry
2	Hall Effect Set Up	31,185	Engineering Physics
3	Susceptibility Kit	28,400	
4	Michelson's Interferometer	22,500	
5	C.R.O	15,284	

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

### 1. Computer Engineering:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1	Data Structure Lab	Congnifront Data Structure Tool, Ubuntu 16.04	Object Oriented Programming Laboratory (E308-II)
	Advance Data Structures Lab	Congnifront Data Structure Tool, Ubuntu 16.04	
2	Skill Development Lab	JAVA, Python, R, Android Studio	System Software

	Laboratory Practice-II	C++, JAVA, Python, R, WEKA	Laboratory (E303-I)
	System Programming and Operating System Lab	C, C++, JAVA, Eclipse IDE	
	Laboratory Practice-III	JAVA, Python, R, WEKA	
3	Database management system Lab	MySQL, MongoDB, JAVA, Python, Postgre SQL	Database System Laboratory (E303-II)
	Laboratory Practice-II	C++, JAVA, Python, R, WEKA	
	Laboratory Practice-III	JAVA, Python, R, WEKA	
4	Digital Electronics Lab	Power Supply, Function generator, Single strand wires, IC's, CRO	Microp processor Laboratory (E403-I)
	Microprocessor Lab	ASM, TASM software	
5	Lab Practice-IV	g++, LEX, YACC	Software Laboratory (E408-I)
6	Web Technology Lab	Software's- AngularJS, mySQL, XAMPP	Project Laboratory (E408-II)
	Lab Practice-IV	g++, LEX, YACC	
7	Fundamental of Programming – I & II	PCs - Dual Core, IoT Kit, Wires, Audience Response Kit-Dongle, Remotes, CDs	Programming Laboratory I (E503-I)
8	Fundamental of Programming – I & II	PCs - Dual Core, IoT Kit, Wires, Audience Response Kit-Dongle, Remotes, CDs	Programming Laboratory II (E503-II)
9	Computer Graphics	Eclipse, Blender	Programming Laboratory III (E506-I)
	Object Oriented Programming Laboratory	G++, Eclipse, Java	
10	Computer Network Laboratory	Wireshark, Packet Tracer, Network Simulator	Programming Laboratory IV (E506-II)
11	ESIOT	IoT Kits	Research Laboratory (E306-I)
12	Lab Proficiency I	Python, Java, IOT Arduino board , Sensor	Post Graduate Laboratory I (F404)
	Lab Proficiency II	Python, Java	

## 2. Chemical Engineering:

**Name of Laboratory:** Chemical Reaction Engineering

Sr. No.	Deadstock Serial Number	Date of Receipt	Name of Equipment / Item	Quantity	Total Amount	Branding
1	91	05/11/2005	Combined Reactors PFR & CSTR in Series	1	39116	KKWCOE/CHE M/CRE/91

2	93	05/11/2005	Cascade continuously Stirred tank Reactor (Cascade CSTR )	1	43913	KKWCOE/CHE M/CRE/93
3	93	05/11/2005	Continuous Stirred Tank Reactor	1	32265	KKWCOE/CHE M/CRE/93
4	93	05/11/2005	Isothermal Batch Reactor	1	28936	KKWCOE/CHE M/CRE/93
5	93	05/11/2005	Plug Flow Tubular Reactor	1	28937	KKWCOE/CHE M/CRE/93
6	93	05/11/2005	RTD Studies in continuously Stirred tank reactor	1	25609	KKWCOE/CHE M/CRE/93
7	93	05/11/2005	RTD Studies in Plug flow reactor (Straight Tube Type)	1	23945	KKWCOE/CHE M/CRE/93
8	99	15/10/2006	Napro make apparatus for study of F&C curves in Helical coil Reactor	1	41212	KKWCOE/CHE M/CRE/99
9	109	23/03/2007	Lab Sink 24 x12	1	2723	KKWCOE/CHE M/CRE/109
10	115	10/03/2008	Copper Pipe Line	1	50899	KKWCOE/CHE M/CRE/115
11	203	08/09/2018	Ph meter Cool 201 Electrode & Stand	1	12951	KKWCOE/CHE M/CRE/203
12	187	23/09/2016	Distilled Water Set up 8 lit	1	14175	KKWCOE/CHE M/CRE/187
Total Amount					3,44,681	

**Name of Laboratory:** Mechanical Operation

Sr. No .	Deadstock Serial Number	Date of Receipt	Name of Equipment / Item	Quan tity	Total Amou nt	Branding
1.	13	23/09/2001	Electronic Weighing Balance DELIGENT	1	8820	KKWCOE/CHEM/MO/13
2.	14	23/09/2001	Cornish Boiler (Model)	1	5796	KKWCOE/CHEM/MO/14
3.	23	06/10/2001	Jaw Crusher	1	33591	KKWCOE/CHEM/MO/23
4.	24	06/10/2001	Froth Flotation Cell	1	31399	KKWCOE/CHEM/MO/24
5.	25	06/10/2001	Cyclone Separator	1	43848	KKWCOE/CHEM/MO/25
6.	26	06/10/2001	Belt Conveyor	1	5598	KKWCOE/CHEM/MO/26
7.	27	06/10/2001	Bucket Conveyor	1	5794	KKWCOE/CHEM/MO/

		001				27
8.	29	06/10/2 001	Vibrating Screen	1	26622	KKWCOE/CHEM/MO/ 29
9.	36	12/10/2 001	Laboratory hot air oven	1	42550	KKWCOE/CHEM/MO/ 36
10.	37	12/10/2 001	Dhona make weighing Balance	1	22718	KKWCOE/CHEM/MO/ 37
11.	40	14/10/2 001	Sieve Shaker	1	27695	KKWCOE/CHEM/MO/ 40
12.	41	14/10/2 001	Ball Mill	1	19357	KKWCOE/CHEM/MO/ 41
13.	55	20/01/2 002	Drop Weight Crusher	1	19358	KKWCOE/CHEM/MO/ 55
14.	62	03/03/2 002	Magnetic Separator	1	34075	KKWCOE/CHEM/MO/ 62
15.	67	19/10/2 002	Plate & Frame Filter	1	73320	KKWCOE/CHEM/MO/ 67
16.	68	19/10/2 002	Basket Centrifuge	1	33280	KKWCOE/CHEM/MO/ 68
17.	78	07/07/2 003	Tool Kit Box	1	1608	KKWCOE/CHEM/MO/ 78
18.	93	05/11/2 005	Sigma Mixer	1	49737	KKWCOE/CHEM/MO/ 93
19.	124	10/01/2 009	Contech Electronics Digital Weighing Balance Ca- 224200gm Capacity 0.1 Mg	1	50039	KKWCOE/CHEM/MO/ 124
20.	130	23/01/2 010	Rotary vacuum filter	1	17596 0	KKWCOE/CHEM/MO/ 130
21.	146	01/02/2 012	Sieves 45 cm diameter metallic and 20 c+F40m brass diameter	1	31013	KKWCOE/CHEM/MO/ 146
22.	180	24/11/2 015	sieve shaker table model	1	35438	KKWCOE/CHEM/MO/ 180
Total Amount					7,77,6 16	

### 3. Production Engineering:

Sr. No.	Experimental Setup	Subject
1	1 .MIG Welding (Butt, Lap, Corner and T Joint) 2. Tensile test on a welded specimen. 3. Tensile test on a welded specimen. 4. Compression Test on a welded specimen 5. Charpy Impact test on a welded specimen.	Welding & Foundry

	<p>6. Izod Impact test on a welded specimen.</p> <p>7. Non-destructive test on a weldment- dye penetrant test.</p> <p>8. Non-destructive on a weldment – Magnaflux test.</p> <p>9. Non-destructive on a weldment – Ultrasonic test.</p> <p>10. Demonstration of Weld Defects</p>	
2	<p>1. Brinell hardness test on different materials.</p> <p>2. Vickers hardness test on different materials.</p> <p>3. Poldi hardness test on different materials.</p> <p>4. Rockwell &amp; rockwell superficial test on different material with different scales</p> <p>5. Erichson coupling test on minimum three different sheet metal sample</p> <p>6. Non - destructive testing</p> <ul style="list-style-type: none"> <li>a. Magnaflux testing</li> <li>b. Dye penetration test</li> <li>c. Eddy current testing</li> <li>d. Ultrasonic testing</li> <li>e. Radiography</li> </ul> <p>7. Tensile test on mild steel piece</p> <p>8. Compression test on aluminium bar</p> <p>9. Izod &amp; charpy impact test</p>	Material Science
3	<p>1. Verification of Bernoulli's equation</p> <p>2. Determination of friction factor for laminar and turbulent flow through pipes</p> <p>3. Determination of losses in various pipe fitting</p> <p>4. Calibration of venture meter/orifice meter</p> <p>5. Trial/Assignment on boilers.</p> <p>6. Trial on vapor compression refrigeration system</p> <p>7. Trial/Assignment on petrol engine</p> <p>8. Trial on diesel engine</p> <p>9. Trial on air compressor</p> <p>10. Trail / Assignment on Air conditioning system</p>	Heat and Fluid Engineering
4	<p>1. Speed control of a D. C. shunt motor by armature voltage and flux control methods.</p> <p>2. Load test on a D. C. shunt motor.</p> <p>3. Load test on a D. C. series motor.</p> <p>4. Measurement of active power in a three phase balanced inductive load using two wattmeter methods.</p> <p>5. Regulation of an alternator by synchronous impedance method.</p> <p>6. Regulation of an alternator by direct loading method.</p>	Electrical Technology

	<p>7. Load test on a three phase induction motor.</p> <p>8. Study of a) D.C. motor starters, b) three phase induction motor starter.</p> <p>9. Study of V-I characteristics of SCR &amp; TRAIC.</p> <p>10. Study of a distribution transformer substation and HT/LT energy bill.</p>	
5	<p>1. Study of straight line mechanisms.</p> <p>2. Velocity analysis of mechanism by relative velocity, Klein's construction and ICR method.</p> <p>3. Acceleration analysis of mechanism by relative velocity and acceleration (Coriolis component), Klein's construction method.</p> <p>4. Study of friction and wear of materials.</p> <p>5. Study of belt drives.</p> <p>6. Study of different types of brakes and dynamometer.</p> <p>7. Determine mass MI of rigid body using bifilar and trifilar suspension method.</p> <p>8. Determine radius of gyration &amp; mass MI of rigid body using compound pendulum method</p>	Theory of Machines
6	<p>1. Study and drawing of microstructures of mild steel, medium carbon steel, eutectoid steel and hypereutectoid steel.</p> <p>2. Study and drawing of microstructures of white, malleable, grey and nodular cast iron.</p> <p>3. Study and drawing of microstructures of alpha brass, alpha-beta brass, aluminium bronze, tin bronze and bearing metal.</p> <p>4. Study and drawing of microstructures of hardened steel, tempered steel.</p> <p>5. Hardening of steel- study of effect of carbon on hardness of hardened steel.</p> <p>6. Tempering of steels - study of effect of temperature on hardness of tempered steel.</p> <p>7. Study of change in microstructure on annealing and normalizing of tempered steel.</p> <p>8. Sulphur print test on a steel specimen &amp; flow lines examination of a forged component.</p> <p>9. Jominy hardenability test on a steel sample. 10. Testing of composite materials (Like Hardness, Impact, Tension etc.)</p>	Engineering Metallurgy
7	<p>Part I: Assignments based on Machine Tools (any five)</p> <p>1. Major operations on a lathe.</p> <p>2. Working principle of apron mechanism in a lathe.</p> <p>3. Thread cutting operation on a lathe using half-nut and lead screw.</p>	Production Practice-I

	<p>4. Indexing mechanism and universal dividing head in milling machine.</p> <p>5. Operations on drilling machine and the different work and tool holding devices used.</p> <p>6. Single and multi-point cutting tools used on the conventional machines.</p> <p>7. Calculation of machining time for different operations on lathe, milling and drilling machines.</p> <p>8. To prepare the process sheet for the job(s) manufactured in turning (machine) shop during the practical session.</p> <p><b>Part II: Jobs (any two)</b></p> <p>1. Plain &amp; taper turning (one job)</p> <p>2. Gear cutting (one job)</p> <p>3. Forging and grinding of a tool with one end consisting of knife edge and other end of Vee shape (one job).</p>	
8	<p>1. Measurement of linear dimensions of given parts using Vernier caliper and Micrometer screw gauge</p> <p>2. Measurement of angle by sine bar / Sine center.</p> <p>3. Study and Experiment on Profile Projector.</p> <p>4. Study and Experiment on any type Comparator.</p> <p>5. Measurement of Optical surface using Interferometer.</p> <p>6. Measurement of Screw thread parameters using Floating Carriage Micrometer (FCM).</p> <p>7. Measurement of Gear tooth thickness using Gear tooth Vernier caliper and Span Micrometer.</p> <p>8. Measurement of the Surface roughness.</p> <p>9. Study of limit gauges.</p>	Metrology and Quality Assurance
9	<p>1. Computer aided analysis and synthesis of mechanisms</p> <p>2. Study of gear and gear trains</p> <p>3. Generation of Involute gear tooth profile using Rack and Pinion method</p> <p>4. Design of Cam and kinematic analysis of motion of the follower</p> <p>5. Kinematic analysis of Flywheel</p> <p>6. Balancing of rotating and reciprocating masses</p> <p>7. Study of Vibrations</p> <p>8. Experiment on Free Undamped vibrations</p> <p>9. Experiment on Free Damped torsional vibrations</p>	Kinematics of Manufacturing Machines
10	<p>1. Study of single point cutting tool geometry</p> <p>2. Experiments on different types chip formation and effect of tool geometry on cutting parameters</p>	Cutting Tool Engineering

	<p>3.Verification of Merchant theory of metal cutting          4.Measurement of forces in turning/milling/drilling          5.Design and working drawing of form tool          6.Design and working drawing of broaching tool.          7.Design and working drawing of drilling/reaming tool          8.Design and Working drawing of drilling jig          9.Design and Working drawing of milling fixture</p>	
11	<p>Assignment 1: Fundamentals of Material Forming          Assignment 2: Forging          Assignment 3: Wire drawing, Rod and Tube drawing          Assignment 4: Rolling of Metals            Assignment 5: Extrusion          Assignment 6: Advanced Metal Forming Process</p>	Material Forming
12	<p>1.Introduction to various hydraulic and pneumatic elements, their specifications, and introduction to hydraulic trainer.          2.Study of directional control valve and flow control valve, Experiment on speed control of motor and cylinder.          3.Measurement of efficiency of gear pump. Characteristics of various pumps          4.Meter in and meter out circuit          5.Sequencing circuit.          6.Regenerative circuit          7.Hydraulic circuit design case study          8.Pneumatic circuit design –Application 1          9.Pneumatic circuit design –Application 2          10.Microprocessor programming for arithmetic and logic operations          11.PLC ladder logic diagram for electro-hydraulic circuit- Sequencing          12.PLC ladder logic diagram for electro-hydraulic circuit- Timers and Counters          13.Soft computing applications in robotics</p>	Machine Tool Design Automation & Control Engineering
13	<p>1.Linear Programming.          2.Transportation and Assignment models          3.Goal, geometric, integer and dynamic programming          4.Replacement Model          5.Decision Theory and Games theory</p>	Operations Research

	6.Queuing and Simulation	
14	1. Morphological analysis of product design. 2. Quality Function Deployment (QFD) and House of Quality. 3. Establishing product architecture for specific product. 4. Case study of FMEA. 5. Case study on identification of customer needs for specific product. 6. Design for 'X' 7. Case study in Product Life cycle Management (PLM) 8. Cost evaluation of a new product.	Product Design and Development
15	1. Study of Load Cell Trainer 2. Study of switches and relays 3. Study of Capacitance Level Trainer 4. Verification of PID Control System 5. Study of Data Acquisition System 6. Displacement Measurement LVDT 7. Calibration of thermocouple 8. Development of Ladder Diagram & programming PLC. 9. Flow Transducer characteristic trainer	Mechatronics

#### 4. Electrical Engineering:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1.	Material Science	1. To measure dielectric strength of solid insulating materials. 2. To measure dielectric strength of liquid insulating materials. 3. To measure dielectric strength of gaseous insulating materials using Sphere Gap-Unit. 4. To obtain Hysteresis Loop of the Ferro-Magnetic Material. 5. To understand the principle of thermocouple & to obtain characteristics of different thermocouples. 6. To measure Insulation Resistance & kVAr capacity of power capacitor. 7. To measure Resistivity of High Resistive Alloys. 8. Testing of resins and polymers.	Material Science

2.	Analog and Digital Electronics	<ol style="list-style-type: none"> <li>Study of various flip-flops and verification of truth table.(IC 7400,7476,7474)</li> <li>Study and verify shift register operation (IC 7495).</li> <li>Study of counters, ring counter and twisted ring counter</li> <li>Study of up - down counters (IC 74192/74193) and N- modulo counter. (IC.7490/7493)</li> <li>Study of single phase full wave bridge rectifier with RL load.</li> <li>Study of Op-amp as ZCD, Comparator.</li> <li>Study of Op-amp Schmitt trigger.</li> <li>Instrumentation amplifier using 3 - op amp CMRR measurement and precision rectifier.</li> <li>Op-amp as sine, saw-tooth and triangular wave generator</li> <li>Study of IC 555 applications: Astable and Monostable multivibrator.</li> <li>Interfacing of 5X7 LED display board for measurement of hexadecimal numbers</li> </ol>	Analog and Digital Electronics
3.	Electrical Measurements and Instrumentation	<ol style="list-style-type: none"> <li>Demonstration of working parts of various types of meter by opening the instrument &amp; explanation of symbols &amp; notations used on instruments.</li> <li>Extension of instrument range: ammeter, voltmeter, watt meter using CT &amp; PT.</li> <li>Measurement of active &amp; reactive power in three phase circuit using two wattmeter methods (balanced &amp; unbalanced loads).</li> <li>Measurement of active &amp; reactive power in three phase balanced circuit using one wattmeter method with two way switch.</li> <li>Calibration of single phase static energy meter at different power factors.</li> <li>Measurement of voltage, current, time period, frequency &amp; phase angle using CRO.</li> <li>Measurement of reactive power by one wattmeter with all possible connections of current coil and pressure coil.</li> <li>Measurement of power in three phase, four wire system using three CTs &amp; two wattmeter.</li> <li>Calibration of single phase wattmeter at different power factors.</li> <li>Measurement of resistance by ammeter voltmeter method.</li> </ol> <p>Study of Multifunction meter</p>	Electrical Measurements and Instrumentation
4.	Electrical	<ol style="list-style-type: none"> <li>O.C. and S.C. test on single phase Transformer.</li> </ol>	Electrical

	Machines-I	<p>2. Polarity test on single phase and three phase transformer</p> <p>3. Parallel operation of two single phase transformers and study of their load sharing under various conditions of voltage ratios and leakage impedances.</p> <p>4. Speed control of D.C. Shunt motor and study of starters.</p> <p>5. Brake test on D.C. Shunt motor</p> <p>6. Load test on 3-phase induction motor.</p> <p>7. No load &amp; blocked-rotor test on 3-phase induction motor :</p> <p>8. a) Determination of parameters of equivalent circuit.</p> <p>b) Plotting of circle diagram.</p> <p>9. Calculation of motor performance from (a) &amp; (b) above.</p> <p>Magnetic balance test on 3 phase transformer</p>	Machines-I
5.	Network Analysis	<p>1. Verification of Superposition theorem in A.C. circuits.</p> <p>2. Verification of Thevenin's theorem in A.C. circuits.</p> <p>3. Verification of Reciprocity theorem in A.C. circuits.</p> <p>4. Verification of Maximum Power Transfer theorem in A.C. circuits.</p> <p>5. Determination of time response of R-C circuit to a step D.C. voltage input. (Charging and discharging of a capacitor through a resistor)</p> <p>6. Determination of time response of R-L circuit to a step D.C. voltage input. (Rise and decay of current in an inductive circuit)</p> <p>7. Determination of time response of R-L-C series circuit to a step D.C. voltage input.</p> <p>8. Determination of parameter of Two Port Network.</p>	Network Analysis
6.	Numerical Methods and Computer Programming	<p>1. Solution of a polynomial equation using Birge-Vieta method</p> <p>2. Solution of a transcendental equation using Bisection method</p> <p>3. Solution of two variable non-linear equation using N-R method.</p> <p>4. Interpolation using Lagrange's or Newton's Divided difference interpolation.</p>	Numerical Methods and Computer Programming

		<p>5. Solution of first order ODE using 4th order RK method.</p> <p>6. Solution of Numerical Integration using Simpson's (1/3) rd rule</p> <p>7. Solution of linear simultaneous equation using Gauss Jacobi method</p> <p>8. To find Eigen value and Eigen vector using power mehtod</p> <p>9. Content beyond:- Solution of LSE uisng Jaocbi method using MATLAB</p>	
7.	Fundamentals of Microcontroller and Applications	<p>1. Study and use of 8051 Microcontroller trainer kit.</p> <p>2. Assembly Language Program for arithmetic operation of 8 bit numbers.</p> <p>3. Assembly Language Program for finding largest number and smallest number from a given array of 8 bit numbers.</p> <p>4. Assembly Language program to arrange 8 bit numbers stored in array in ascending order and descending order.</p> <p>5. Assembly Language Program for data conversion.</p> <p>6. Assembly Language Program for use of Timer/Counter for various applications.</p> <p>7. Blinking display of LED's interfaced with 8051 through 8255</p> <p>8. Implementation of Serial Communication by using 8051 serial ports.</p> <p>9. Programming using cross assembler.</p> <p>10. Interfacing of relay with 8051.</p> <p>11. Stepper motor control by 8051 Microcontroller.</p> <p>12. Interfacing of matrix keyboard/ 7 segment display with 8051</p>	Fundamentals of Microcontroller and Applications
8.	Advance Microcontroller and its Applications	<p>1. i) Introduction to MPLAB. ii) Programs on Addition, Subtraction and Multiplication</p> <p>2. Data transfer to ports</p> <p>3. Timer, Counter, Delay programming</p> <p>4. Interfacing 18F458 to Switch and LED</p> <p>5. Interfacing of LCD [16 X 2] with PIC 18F458</p> <p>6. Generating PWM waveform using PWM mode of 18F458 timer</p> <p>7. Driving relay from 18F458 using software and</p>	Advance Microcontroller and its Applications

		hardware interrupts 8. Interfacing DC motor with PIC 18F458 9. Interfacing Stepper motor with PIC 18F458	
9.	Electrical Machines II	1. Determination of regulation of cylindrical rotor alternator by following methods  a) EMF method b) MMF method.  2. Determination of regulation of cylindrical rotor alternator by Potier method.  3. Determination of regulation of salient pole alternator by slip test.  4. V and inverted V curve of synchronous motor at constant load.  5. Speed control of three phase induction motor by V/F method  6. Determination of Regulation of alternator by direct loading.  7. Load test on Single -phase induction motor.  8. No load and blocked-rotor test on a single phase Capacitor-start induction motor and Determination of its equivalent circuit parameters.  9. Speed control of three phase induction motor by rotor resistance control method.	Electrical Machines II
10.	Power Electronics	1. Static VI characteristic of SCR /GTO 2. Static VI characteristic of TRIAC 3. Study of DC step down chopper 4. Single phase A.C. voltage regulator with R load 5. Single Phase fully controlled converter with and without Free Wheeling diode with RL load 6. Simulation of Study of DC step down chopper 7. Simulation of Single phase A.C. voltage regulator R and RL load 8. Simulation of Study and Design of single phase VSC	Power Electronics
11.	Electrical Installation, Maintenance and Testing	Single Line diagram of 132 or 220 or 400 kV substation (based on actual field visit) Symbols, Plate or Pipe earthing.	Electrical Machines-I, II Lab

		<p>2. Estimation for 11 kV feeders and substation.</p> <p>3. Assignment on design of earthing grid for 132/220 kV substation.</p> <p>4. Measurement of Dielectric Absorption Ratio and Polarization Index of insulation.</p> <p>5. Study of troubleshooting of electrical equipment based on actual visit to repair workshop . ii) Transformer</p> <p>6. Study of thermograph images and analysis based on these images.</p> <p>7. Assignment – Construction, working and troubleshooting of any two household Electrical equipments (Fan, Mixer, Electric Iron, Washing Machines, Electric Oven, Microwave - Limited to electrical faults)</p> <p>8. Study the various types of earthing for electrical appliances/systems, Practice of earthing and Measurement of Earth resistance of Campus premises.</p>	
12.	Power System II	<p>1. Measurement of ABCD parameters of a medium transmission line with magnitude and angle.</p> <p>2. Measurement of ABCD parameters of a long transmission line with magnitude and angle.</p> <p>3. Performance study of the effect of VAR compensation using capacitor bank on the transmission line.</p> <p>4. Formulation and calculation of Y- bus matrix of a given system using software.</p> <p>5. Static measurement of sub-transient reactance of a salient-pole alternator.</p> <p>6. Measurement of sequence reactance of a synchronous machine (Negative and zero).</p> <p>7. Solution of a load flow problem using Newton-Raphson method using software.</p> <p>8. Simulation of Symmetrical fault of single machine connected to infinite bus.</p> <p>9. Simulation of Unsymmetrical fault of single machine connected to infinite bus.</p>	Power System II

13.	Control System-I	<p>1. Experimental determination of DC servo motor parameters for mathematical modeling, transfer function and characteristics.</p> <p>2. Experimental study of time response characteristics of R-L-C second order system: Validation using simulation.</p> <p>2. 3. Experimental frequency response of Lag and Lead compensator.</p> <p>4. PID control of level/Pressure/Temperature control system.</p> <p>5. Study of Synchro transmitter receiver. Stability analysis using a) Bode plot b) Root locus c) Nyquist plot using software.</p> <p>6. Time response of second order system effect of P,PI, PID on it.</p> <p>7. Analysis of closed loop DC position control system using PID controller.</p> <p>8. Effect of addition of pole-zero on root locus of second order system.</p> <p>9. Stability analysis using Polar plot.</p>	Control System-I
14.	Design of Electrical Machines	<p>1. Details and assembly of three phase transformer with design report.(Sheet in CAD)</p> <p>2. Details and layout of AC winding with design report.(Sheet in CAD)</p> <p>3. Assembly of 3- phase induction motor.</p> <p>4. Use of Finite Element Analysis(FEA) software for analysis of electrical machines, the report should include:</p> <p>a.Schematic diagram (Diagram/FEA model/Layout)</p> <p>b. Current/Flux/Force distribution.</p> <p>c. Analysis by variation of design parameters.</p> <p>5. Report based on Industrial visit to a manufacturing unit. (Transformer manufacturing unit).</p>	Software Lab.

15.	Energy Audit and Management	<ol style="list-style-type: none"> <li>1. Study of building codes (green building)</li> <li>2. Study of force field analysis from energy management point of views</li> <li>3. Analysis and interpretation of Electricity Bills Students should calculate electricity charges for             <ol style="list-style-type: none"> <li>a) Residential consumer</li> </ol> </li> <li>4. Assessment and calculations of energy generated by Solar PV.</li> <li>5. Use of Power Analyser for measurement of electrical parameters useful for energy audit.</li> <li>6. Adequacy assessment of Illumination systems by using LUX Meter</li> <li>7. Calculation of energy savings for following             <ol style="list-style-type: none"> <li>a) Illumination</li> </ol> </li> <li>8. Study of combined heat power system (cogeneration)</li> </ol>	Electrical Machines-I, II Lab
16.	Electrical Workshop	<ol style="list-style-type: none"> <li>1. Wiring of distribution box with MCB, ELCB, RCCB and MCCB</li> <li>2. Assembly of DOL and 3 point starter with NVC connections and overload operation.</li> <li>3. D.C. step down chopper.</li> <li>4. Buck/boost converter using LM2596S.</li> <li>5. Arduino based D.C. Motor speed control.</li> <li>6. Arduino based stepper motor control.</li> </ol>	Electrical Machines-I, II, Measurements Lab.
17.	Power System Operation and Control	<ol style="list-style-type: none"> <li>1. To determine Steady state Stability of synchronous motor (performance).</li> <li>2. To plot swing curve by Point by Point method for transient stability analysis.</li> <li>3. To apply equal area criteria for analysis stability under sudden rise in mechanical power input.</li> <li>4. To study reactive power compensation using any device by professional software.</li> <li>5. To study LaGrange multiplier technique for economic load dispatch by Professional software.</li> <li>6. To study load frequency control using approximate and exact model by professional software.</li> <li>7. To study load frequency control with integral</li> </ol>	Electrical Machines-II Lab

		<p>control by professional software.</p> <p>8. To study the two area load frequency control.</p>	
18.	PLC and SCADA Applications	<ol style="list-style-type: none"> <li>1. Study of interfacing of lamp and button with PLC for ON and OFF operation. Verify all logic gates.</li> <li>2. Study and verify Set / Reset operation: one push button for ON and other push button for OFF operation.</li> <li>3. Study of delayed operation of lamp by using push button.</li> <li>4. Study of UP/DOWN counter with RESET instruction.</li> <li>5. Study of combination of counter and timer for lamp ON/OFF operation.</li> <li>6. Study of DOL starter and star delta starter operation by using PLC.</li> <li>7. Study of PLC based thermal ON/OFF control.</li> <li>8. Study of PLC based speed measurement system.</li> <li>9. Study of PLC based pressure measurement system.</li> <li>10. Study of Alarm annunciation using PLC.</li> <li>11. Study of Tank level control by using PLC.</li> </ol>	PLC and SCADA Lab.
19.	Power Quality	<ol style="list-style-type: none"> <li>1. Study of power quality analyzer and measurement of voltage, current, power and power factor using it.</li> <li>2. Measurement of harmonic distortion of various Equipments such as UPS /AC/DC drive</li> <li>3. Harmonic compliance of institute as per IEEE 519-2014 standard and sizing of active Filter.</li> <li>4. Power quality audit of institute or department.</li> <li>5. Harmonic analysis of transformer for various conditions (no load, inrush, full load etc.)</li> <li>6. Analysis of performance of induction motor/transformer operated with sinusoidal supply and under distorted supply conditions supplied by 3 phase inverter.</li> <li>7. Measurement of voltage sag magnitude and duration</li> </ol>	Electrical Machines-II Lab

		<p>by using digital storage oscilloscope/ power quality analyzer.</p> <p>8. Simulation studies of harmonic generation sources such as VFD, SVC, STATCOM and FACTS devices and harmonic measurement (THD) by using professional software like MATLAB.</p>	
20.	Switchgear and Protection	<ol style="list-style-type: none"> <li>1. Study of switchgear testing kit.</li> <li>2. Study of Fuse, MCB and MCCB</li> <li>3. Testing of MCB and MCCB.</li> <li>4. Study and testing of contactors.</li> <li>5. Study and testing of ACB.</li> <li>6. Study and testing of thermal overload relay for Induction Motor protection.</li> <li>7. Study and plot Characteristics of IDMT type Induction over current relay</li> <li>8. Study and plot Characteristics of digital over current relay</li> <li>9. Protection of Transmission line using Impedance relay</li> <li>10. Study of various LT switchgears like RCCB, timers.</li> <li>11. Study of Lightning arrestors and Horn gap arrester for protection against lightning protection.</li> <li>12. Study of bus-bar protection schemes.</li> </ol>	Switchgear and Protection
21.	Power Electronic controlled Drives	<ol style="list-style-type: none"> <li>1. Study of Electrical braking of D.C. Shunt motor (Rheostatic, Plugging).</li> <li>2. Study of electrical braking of 3 phases Induction Motor (DC Dynamic Braking, Plugging).</li> <li>3. Study of VSI fed 3 phase Induction motor (using V/f control PWM inverter) speed control</li> <li>4. Study of Solid state stator voltage control of 3 phase Induction motor (Using AC voltage Regulator).</li> <li>5. Study speed control characteristics of single phase fully converter fed separately excited</li> </ol>	Power Electronic controlled Drives

		D.C. motor 6. Simulation of starting characteristics of D.C. 7. Simulation of starting characteristics of 3 phase Induction motor. 8. Study of Closed loop speed control of separately excited D.C. motor/ Induction Motor. 9. Study speed control characteristics of BLDC Motor	
22.	Control System II	1. Plotting of discrete time wave forms a) sin, b) Unit step c) Exponential 2. Effect of sampling and verification of sampling theorem 3. Software programming for determination of state space representation for given transfer function and vice versa. 4. Check for observability and controllability in MATLAB 5. Verify State Feedback control using pole placement. 6. Convert a continuous time system to digital control system and check response using software. 7. Design state observer and validate it by software. 8. Software programming for determination of STM.	Control System II

## 5. Electronics & Telecommunication Engineering:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1.	1. Electronic Devices & Circuits 2. Electronic System Design Practice 3. Electronic System Design	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, IC tester, PCB Tools, Matlab Software, computer	Basic Electronics
2.	1. Basic Electronics Engineering, 2. Integrated Circuits	CRO, DSO,	Analog Electronics

		Breadboard, Power Supply, DMM, Function generator, IC tester, Matlab ,Software, computer	
3.	<ol style="list-style-type: none"> <li>1. Radiation &amp; Microwave Techniques</li> <li>2. Optical &amp; Microwave Communication</li> <li>3. Broadband Communication System</li> <li>4. UG project</li> </ol>	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, Trainer kits, Computer, Matlab Software	Microwave & Optical Communication
4.	<ol style="list-style-type: none"> <li>1. Analog Communication</li> <li>2. Digital Communication</li> <li>3. Audio Video Engineering</li> <li>4. Basic Electronics Engineering</li> </ol>	CRO, DSO, Spectrum Analyzer, Breadboard, Power Supply, DMM, Function generator, Trainer kits, Computer, Matlab Software etc	Electronics Communication
5.	<ol style="list-style-type: none"> <li>1. Computer Networks &amp; Security</li> <li>2. Embedded &amp; RTOS</li> <li>3. Internet of Things</li> <li>4. Digital Signal Processing</li> <li>5. Embedded Systems &amp; RTOS</li> <li>6. Employability Skill Development</li> <li>7. Mobile Communication</li> <li>8. Digital Image &amp; Video Processing</li> <li>9. Language lab</li> <li>10. Microcontrollers</li> <li>11. Employability Skill Development</li> <li>12. Information Theory Coding and Communication Network</li> <li>13. System Programming and Operating System</li> </ol>	CRO,DSO, Orcad Software, Matlab Software, Automation Studio software, Computer, Trainer kits , Matlab Software	Computer
6.	<ol style="list-style-type: none"> <li>1. Basic Electronics Engineering</li> <li>2. Electronic Measuring Instruments &amp; Tools</li> <li>3. Instrumentation Systems</li> <li>4. Mechatronics</li> <li>5. Programmable Logic Controller &amp;</li> </ol>	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, Trainer kits, Computer, LCR-Q	Instrumentation and Control

	Applications <b>6. Process Instrumentation</b>	meter	
7.	1. Basic Electronics Engineering 2. EMIT 3. Mini Project 4. UG Project	CRO, DSO, Breadboard, Power Supply, DMM, Function generator Trainer kits, Computer	<u>Industrial Electronics</u>
8.	1. Basic Electronics Engineering 2. Digital Electronics 3. Mini Project 4. UG Project	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, IC tester, Trainer kits, Computer, Matlab Software	<u>Medical Electronics</u>
9.	1. Electrical Circuits and machines 2. Power Electronics 3. Power Electronics and Applications 4. Advanced Power Electronics, 5. Industrial Drives and Control 6. UG project	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, IC tester, Trainer kits, Computer, Power Scope, Motors , Matlab Software	<u>Power and Design</u>
	1. Data Structure and Algorithm 2. Microcontroller 3. Microcontroller and Applications 4. VLSI 5. Object Oriented Programming 6. Embedded Processor 7. Advanced Processors	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, Trainer kits, Computer	<u>VLSI</u>
10.	1. Lab Practice I 2. Lab Practice II 3. Seminar I	CRO, DSO, Breadboard, Power Supply, DMM, Function generator, IC tester, Trainer kits, Computer Microwind Software, Logic Analyser, Matlab Software	<u>PG</u>

## 6. Mechanical Engineering:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1.	TE Mechanical Mechatronics	Flow Transducer Characteristics Trainer	Mechatronics
2.		PLC based Lift Simulator Module	
3.		PID Trainer: Temperature control	
4.		PID controlled DC Motor speed control system	
5.		Setup for study of different switches and relays	
6.		LVDT Trainer	
7.		Load Cell Trainer	
8.		Temperature Sensor Calibration Trainer	
9.		Capacitance Level Transducer Trainer	
10.		Data Acquisition System	
11.		X-Y Position Control System	
12.		Advanced PLC programming Trainer kit	
13.		Rotary bottle fill trainer	
14.	Mechanical Engineering	Heat Pump Trainer	Refrigeration and Air conditioning
15.		Ice plant tutor Test Rig.	
16.		Air Conditioning Test Rig.	
17.		Vapor Absorption System.	
18.		General Cycle Refrigeration Trainer	
19.		Window Air Conditioning Trainer	
20.		Domestic Refrigerator Trainer	

21.		Testo Professional Multifunction Instrument	
22.		Thermal Imager	
23.		Light meter	
24.		Thermometer with Calibration	
25.		Cable Grab Clamp Meter	
26.			
27.			
28.			
29.	F.E. Mechanical	Study of power transmitting elements: couplings, gears, bearings.	MODEL LAB I&II
30.		Study of mechanisms: four bar mechanisms, slider crank mechanisms.	
31.		Study, demonstration and working of center lathe machine.	
32.		Study of any one power plant.	
33.		Study, demonstration on two stroke and four stroke engine	
34.		Study domestic refrigerator and window air conditioner	
35.		Study of Package Type Boiler	
36.	S. E. Mechanical	Pressure measurement using any two types of manometer.	FLUID MECHANICS
37.		Determination of viscosity of liquids and its variation with temperature.	
38.		Determination of metacentric height of floating object	
39.		Laminar and Turbulent flow by Reynolds's apparatus.	

40.		Draw flow net using electrical analogy apparatus.	
41.		Verification of modified Bernoulli's equation.	
42.		Calibration of Orifice meter/ Venturimeter	
43.		Determination of hydraulic coefficients of orifice.	
44.		Calibration of V-notch	
45.		Determination of minor losses due to pipe fittings.	
46.		Determination of Major losses through metal & non-metal pipes	
47.	Mechanical Engineering	Trifilar suspension setup	Machine Lab
48.		Cam jump phenomenon setup	
49.		Governor apparatus setup	
50.		Motorized Gyroscope	
51.		VIB Lab (2 experiments)	
52.		Clutch and brake lining setup	
53.		Slip and crip test rig (with flat & V belt)	
54.		Shock absorber test rig	
55.		Dynamic balancing machine	
56.		Makit master	
57.		Vibration analyzer/ FFT	
58.		Critical speed of shaft	
59.		Epicyclic gear train & involute gear tooth profile	
60.		Noise meter	

61.	Mechanical Engineering	Test Rig For Determination Of Emissivity Of Metal Surface	Heat transfer
62.		Test Rig For Determination Of Critical Heat Flux	
63.		Test Rig For Determination Of Performance Of Parallel & Cross Flow Heat Exchanger	
64.		Test Rig For Determination Of Thermal Conductivity Of Insulating Powder	
65.		Test Rig For Determination Of Heat Transfer Through Composite Walls	
66.		Thermocouple & Calibration test rig.	
67.		Drop wise And Film wise Setup	
68.		Heat Pipe Apparatus	
69.		Shell And Tube Heat Exchanger	
70.		Thermal conductivity of metal rod	
71.		Stefan Boltzmann apparatus	
72.		Forced convection apparatus	
73.		Pin-fin apparatus	
74.		Natural Convection Apparatus	
75.		Variac	
76.	Mechanical Engineering	Two Stage Air Compressor Test Rig	Engine
77.		Bomb Calorimeter with Safety Device of Bomb Certified by Shriram Test House	
78.		Root Blower Test Rig	
79.		AGR-2770 Orsat Gas Analysis Apparatus	
80.		Diesel Engine (Computerized) test rig single cylinder 4 stroke kirloskar Made	

81.		Test Rig of 4 Stroke Multi Cylinder (3 Cylinder) Petrol Engine	
82.		AVL DI Gas 5 Gas Analyzer with Accessories (Pollution Testing Machinery )	
83.		APEX -Computerized VCR Testing Setup Single Cylinder 4 Stroke Diesel Engine	
84.		TESO T330 Modular Flue Gas Analyzer with Accessories	
85.		Non -Contact And Mechanical RPM Measurement with Calib	
86.		Digital Pensky matrix flash point test apparatus	
87.		BMW Engine and transmission Part No:0072Y029	
88.		Separating And Throttling calorimeter (combined)	

## 7. Information Technology:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1	Software Laboratory-III	Xampp, HTML,Java Script	Project Lab
2	Computer Laboratory-VIII	Rational Suite Enterprise, JDK	Project Lab
3	Project Phase-I	As per Student Requirement	Project Lab
4	Computer Laboratory-IX	Eclipse Mar2.0, Eclipse Neon, Jdk 8.1, Net beans 8.1	Project Lab
5	Information Storage and Retrieval Laboratory	Eclipse Mar2.0, Dev C++	Project Lab
6	Project Phase-II	Student Requirement	Project Lab
7	Object Oriented Programming Laboratory	Dev-CPP	Software Lab I
8	Computer Graphics Laboratory	Dev-CPP	Software Lab I

9	Computer Laboratory-X	Android Studio	Software Lab I
10	Software Laboratory-II	Linux Programming	Software Lab II
11	Computer Laboratory VII	RStudio, Python	Software Lab II
12	Elective-III Laboratory	PHP, MySQL, HTML	Software Lab II
13	Software Laboratory VI	Hadoop, HBase, HiveQL, RStudio, Tableau	Software Lab II
14	Software Laboratory IV	DSL Wireless ADSL Router, Packet Tracer	Software Lab II
15	Digital Laboratory	Trainer Kits, CRO, Function Generators, Bread board, IC's	Hardware Lab
16	Processor Interfacing Laboratory	MASM (Free) Dyna-51 trainer kit, ADC kit, DAC kit, CRO	Hardware Lab
17	Programming Laboratory	Turbo C	Programming Lab I
18	Database Management System Laboratory	MySQL, MongoDB	Programming Lab II
19	Data structure and Files Laboratory	Dev-C++	Programming Lab I
20	Software Laboratory-V	JDK 1.8, Dev-C++, Python	Programming Lab II

## 8. MCA:

Sr. No.	Name of Course	Experimental Setup	Name of Laboratory
1	C&C++ Laboratory	yogiSoft	MCA LAB I
2	HBase Laboratory	Visual Studio 2010 Expression Edition	
3	STQA Laboratory	LibreOffice, Selenium	
4	Java Programming	JDK1.8	
5	Advanced Web Technology Laboratory	Visual Studio 2010 Expression Edition	
6	Data Structures Lab	Turbo C	MCA LAB II
7	Advanced Web Technology Laboratory	Visual Studio 2010 Expression Edition	
8	Advanced Web Technology Laboratory	Visual Studio 2010 Expression Edition	
9	Business communication	Language lab software iTell	MCA LAB IV
10	Advanced Java Lab	Glassfish, Oracle 10G, Eclipse, NetBeans	
11	RTIT Lab	XML, PHP	
12	Web Technology Lab	HTML, XML	

13	Network & Security Lab	Turbo C, WAMP server	
14	Open Source Tools Lab	LibreOffice	MCA LAB III
15	Advanced Java Lab	Java, Glassfish,Apache Tomcat, Oracle 10G, Eclipse, NetBeans	
16	HBase Laboratory	Visual Studio 2010 Expression Edition	
17	STQA Laboratory	LibreOffice, Selenium	
18	Data Structures Lab	Turbo C	
19	Advanced DBMS Lab	Oracle, MongoDB, Tubo C	

## 15.13 Computing Facilities:

### 15.13.1 Internet Bandwidth:

Name of the Internet provider: BSNL

Available bandwidth: 240 Mbps lease line of BSNL. Wi Fi availability: Wi-Fi facility is also available in the campus for all the students and staff. Wifi facility is provided using 13 indoor access points with data rate over 300 Mbps and 10 outdoor Enterprise class access points with data rate over 300 Mbps and over 3 km of range.

Internet access in labs, classrooms, library and offices of all Departments: Number of nodes/ computers with Internet facility: 1636 computers. LAN facility: LAN facility is available everywhere in the campus including all hostels.

Security arrangement: Security and privacy is ensured through Cyberoam 1000ia hardware firewall. Following Figureures shows the campus network, servers and NAS, Wi – Fi Network of the Institute.

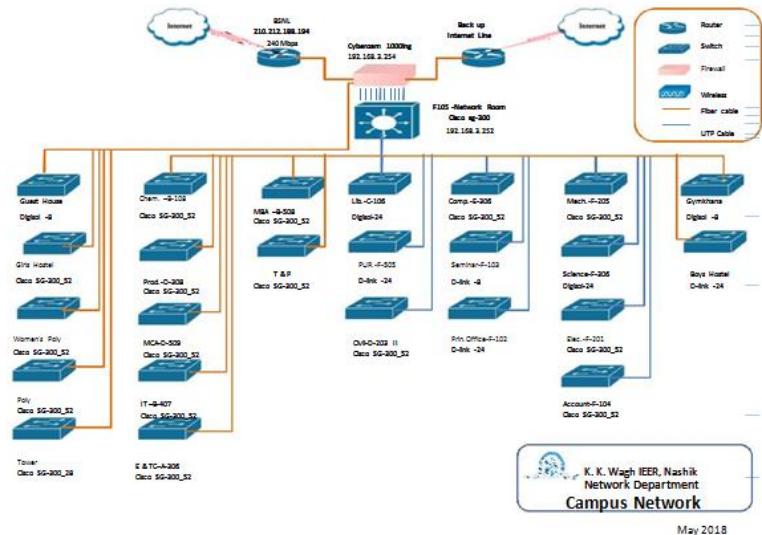


Fig: Campus network

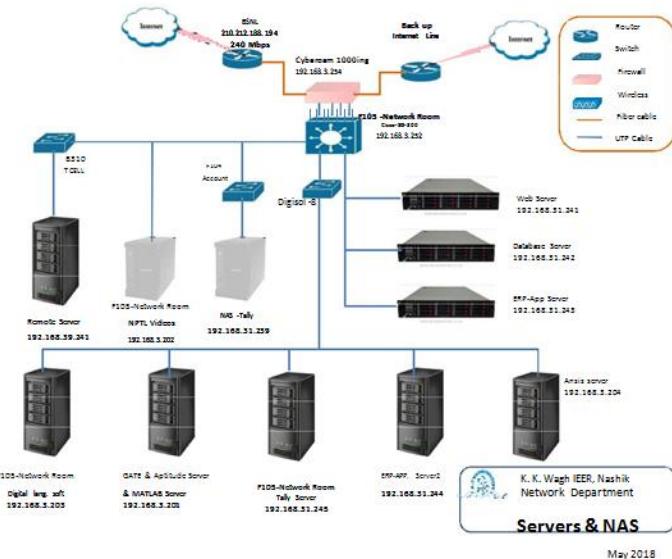


Fig: servers and NAS

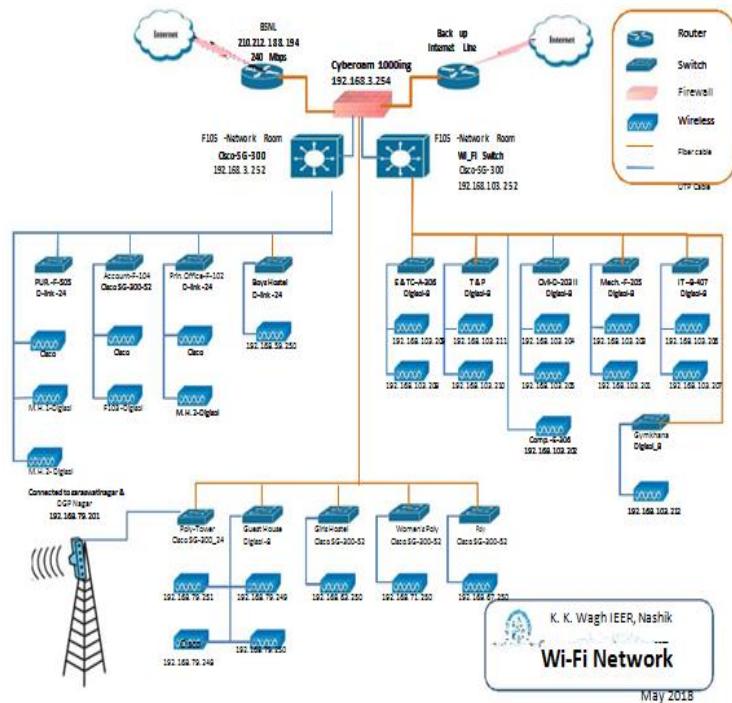


Fig: Wi – Fi Network of the Institute

### 15.13.2 Number and configuration of System:

#### 1. Computer Engineering:

Sr No	Configuration of Computer System	Count
01	Intel HP i7	55
02	Intel HP i5	71
03	Intel HP i3	103
04	Intel HP Core 2 Duo	76
05	Intel HP Dual Core	23
06	Intel HP P IV	46
07	Laptop	5
<b>Total</b>		379

## 2. Chemical Engineering:

Sr. No.	Number and Configuration of computers systems available in Department	Number computers systems available in Department
01	IBM PIV	1
02	HP PIV	6
03	HP Compaq PIV	10
04	HP Core 2 Duo	5
05	HP Core i3	18
06	HP Core i5	15
07	Laptop	3
<b>Total</b>		58 Nos.

## 3. Production Engineering:

Sr.No.	Computer System	Quantity	CPU	RAM
1	IBM Thinkpad R51	1	P-IV	512MB-400Mhz.
2	HP Compaque DesskTop PC (DX6100)	2	P-IV	512MB-400Mhz.
3	HP Compaque DesskTop PC DX7400	15	Dual CPU	512MB-400Mhz.
4	HP LapTop 530	1		512MB-400Mhz.
5	HP Desktop PC DX2480 (Free-DOS)	1	Core2 Duo	1GB DDR2
6	HP Compaqu Desktop PC DX2480	5	Core2 Duo	2 GB DDR2-800Mhz
7	HP DeskTop PC Pro3090 (Free-DOS)	5	Core2 Duo	2 GB DDR3
8	HPProBook 4430S Laptop	1	Intel Core-i3	
9	HPPro 3330 Desktop PC (Free Linux)	5	Intel Core-i3	2 GB DDR
10	HP 202G1 Desktop PC Win8	15	Intel Core-i3	2 GB RAM DDR3
11	HP 280MT G1 Win8.1	14	Intel Core-i3	4 GB RAM DDR3
12	HP 280MT G1 Win8.1	10	Intel Core-i5	4 GB RAM DDR3
13	HP 280G2 Desktop PC, Win 10	15	Intel Core i5	4 GB RAM DDR4
14	HP 280G3 Desktop PC, Win10	10	Intel Core i7	4GB RAM DDR4
<b>Total=</b>		<b>100</b>		

#### **4. Electrical Engineering:**

##### **Number and configuration of Computer Systems**

Sr. No.	Configuration of Computer Systems	Count
01	I7	10
02	I5	90
03	I3	25
04	LAPTOP	05
05	C2D	21
06	P4	11
Total		162

#### **5. Electronics & Telecommunication Engineering:**

Sr. No.	Configuration of Computer Systems	Count
1	P4 system	07
2	Dual Core system	07
3	Core 2 Duo system	48
4	Intel core i3	25
5	Intel core i5	52
6	Intel core i7	10
7	Label-IBM Think pad R51(28889-BQ7) <b>PIV Windows XP Home</b>	01
8	HP 530 Laptop GN802AA <b>Windows vista Business</b>	01

<b>9</b>	HP PROBOOK 4430S Laptop LJ764PA <b>Intel Core</b>	01
<b>10</b>	HP Probook 4540S DDN65 PA Laptop <b>Group License Windows 8</b>	01
<b>Total</b>		153

## 6. Mechanical Engineering:

Sr. No.	Configuration of Computer Systems	Count
<b>1.</b>	HP 280 G3 Desktop Intel Core I7	20
<b>2.</b>	HP 280 G1MT Desktop Intel Core I5	29
<b>3.</b>	HP 280 G2 DESKTOP (I5)	15
<b>4.</b>	HP- COMPAQ 7400	36
<b>5.</b>	HP COMMERCIAL 280GMT	15
<b>6.</b>	HP-DX6100	03
<b>7.</b>	HP-DX2280	05
<b>8.</b>	HP-DX2480	12
<b>9.</b>	HP-PRO 3330	10
<b>10.</b>	HP 202 G1 Desktop core I3	05
<b>11.</b>	HP Commercial 280GMT Desktop 4GB Ram/500GB	05
<b>12.</b>	HP 280 G3 Desktop Intel Core I7	20
<b>13.</b>	HP PRO BOOK 4430 LAPTOP	01
<b>14.</b>	Lenovo E series 4080 Laptop	02
<b>15.</b>	IMB Think pad & HP 530 Laptop	02
<b>Total</b>		180

## 7. Information Technology:

Sr. No.	Configuration of Computer Systems	Count
01	Intel Core i7,4GB RAM, 1TB HDD,18.5" LED Monitor, Windows 10	20
02	Intel Core i5,4GB RAM,500 GB HDD,18.5" LCD Monitor, Windows 8.1	38
03	Intel Core i3,2GB RAM,500 GB HDD,18.5" TFT Monitor,	53
04	HP Compaq E7400,2.8GHz, Core 2 Deo,1GB RAM, 250 GB HDD, Win XP, 18.5" TFT Monitor	08
05	HP PRO 3090,2.8GHz, Core 2 Deo,2GB RAM, 320 GB HDD,Win XP, 18.5" TFT Monitor	41
06	HP DX2480, Core 2 Deo,1GB RAM, 160 GB HDD,Win XP, 17" TFT Monitor	08
07	HP Compaq 7400, Dual Core,512 MB RAM, 80GB HDD,Win XP, 17" TFT Monitor	15
<b>Total</b>		<b>221</b>

## 8. Applied Science & Mathematics:

Sr. No.	Configuration of Computer Systems	Count
1	HP Core i5	11
2	HP Core i3	07
3	Core DUO	02
4	Laptop HP/ LENOVO	02
<b>Total</b>		<b>22</b>

## 9. MCA:

Sr. No.	Configuration of Computer Systems	Count
1	HP INTEL CORE TO DUO	51
2	Intel core i5 Desktop systems	10
3	HP Intel Core i3	25

<b>4</b>	Intel core i7 Desktop Systems	10
<b>5</b>	HP Probook 45405 DON65PA Laptop	1
<b>6</b>	enovo Laptop Intel i3	1
<b>7</b>	IBM X3100 Server PC	1
<b>Total</b>		99

## 10.MBA:

Sr. No.	Configuration of Computer Systems	Count	Name of Laboratory
<b>1</b>	HP DX 2480 DESKTOP-FX 801 PA INTEL CORE 2 DUO ,E4600 2.4 GHZ,1GB,160 GB,DVD RW DRIVE,KEY BOARD,MOUSE ,WITH PAD CABINET BLACK SILVER WITH FRONT USE AND SONUND,WINDOWS XP PRO	32	Computer Laboratory-I
<b>2</b>	HP 280 G3 DESKTOP INTEL CORE I7 7700 7 GEN,3.6 2400 GHZ 8 MB SMART CACH QUAD CORE CPU I7 ,INTEL H110 CHIPSET,4 GB DDR4 2400 DIMM RAM ,1TB 7200 RPM SATA-6G 3.5 IN 9MM DVD 8/G3 SFF 464 MT/SFF,EPEAT SILVER FLAG 3.5 BAG SATA CABLE KIT OS WIN 10 HOME 64 SINGLE LANGUAGE WIRED KEYBOARD,USB MOUSE	10	
<b>3</b>	HP COMPAQ DESKTOP DX 2480 INTEL CORE 2 DUO E7400, 2.8 GHZ PROCESSOR, G 33 CHIPSET, 2 GB DDR2 800 MHZ RAM, 250 GB 7200 RBM SATTA HDD DVD RW, FRONT USB, KEYBOARD, MOUSE, WINDOWS XP PRO,	16	Computer Laboratory-II
<b>4</b>	HP COMMERCIAL 280 GMT DESKTOP-J7V61AV INTEL CORE I3,4GB DDR3 1600 DIMM RAM,500 GB 7200 RPM SATA ,16X SUPERMULTI DVD RW SATA MICROSOFT WINDOWS 8.1 64 BIT OS ,HP USB OPTICAL MOUSE,USB KEYBOARD, WINDOWS -8	5	

### **15.13.3 Total number of system connected by LAN:** All

#### **1. Computer Engineering:**

No. of System Connected	Name of Laboratory
30	Object Oriented Programming Laboratory (E308-II)
28	System Software Laboratory (E303-I)
27	Database System Laboratory (E303-II)
31	Microprocessor Laboratory (E403-I)
50	Software Laboratory (E408-I)
50	Project Laboratory (E408-II)
28	Programming Laboratory I (E503-I)
29	Programming Laboratory II (E503-II)
27	Programming Laboratory III (E506-I)
30	Programming Laboratory IV (E506-II)
27	Research Laboratory (E306-I)
19	Post Graduate Laboratory I

#### **2. Chemical Engineering:**

Sr. No.	Number and Configuration of computers systems available in Department	Number computers systems available in Department	Number of systems connected in LAN
01	IBM PIV	1	50 Nos.
02	HP PIV	6	
03	HP Compaq PIV	10	
04	HP Core 2 Duo	5	
05	HP Core i3	18	
06	HP Core i5	15	
07	Laptop	3	
<b>Total</b>		58 Nos.	

### 3. Production Engineering:

**Number and configuration of Computer Systems and number of systems connected in LAN**

Sr.No.	Computer System	Quantity	CPU	RAM	LAN
1	IBM Thinkpad R51	1	P-IV	512MB-400Mhz.	All system Connected in LAN
2	HP Compaque DesskTop PC (DX6100)	2	P-IV	512MB-400Mhz.	
3	HP Compaque DesskTop PC DX7400	15	Dual CPU	512MB-400Mhz.	
4	HP LapTop 530	1		512MB-400Mhz.	
5	HP Desktop PC DX2480 (Free-DOS)	1	Core2 Duo	1GB DDR2	
6	HP Compaqu Desktop PC DX2480	5	Core2 Duo	2 GB DDR2-800Mhz	
7	HP DeskTop PC Pro3090 (Free-DOS)	5	Core2 Duo	2 GB DDR3	
8	HPProBook 4430S Laptop	1	Intel Core-i3		
9	HPPro 3330 Desktop PC (Free Linux)	5	Intel Core-i3	2 GB DDR	
10	HP 202G1 Desktop PC Win8	15	Intel Core-i3	2 GB RAM DDR3	
11	HP 280MT G1 Win8.1	14	Intel Core-i3	4 GB RAM DDR3	
12	HP 280MT G1 Win8.1	10	Intel Core-i5	4 GB RAM DDR3	
13	HP 280G2 Desktop PC, Win 10	15	Intel Core i5	4 GB RAM DDR4	
14	HP 280G3 Desktop PC, Win10	10	Intel Core i7	4GB RAM DDR4	
	Total=	100			

### 4. Electrical Engineering:

**Number of systems connected in LAN**

No. of System Connected in LAN	Name of Laboratory
03	Electrical Machine II,III
22	Language Lab

03	ACCT
02	Electrical Machine I
03	Measurement Lab
02	SGP Lab
25+18	Software Lab+language lab
40	Research Lab
15	ME control Lab

## 5. Electronics & Telecommunication Engineering:

No. of System Connected	Name of Laboratory
35	Computer lab
15	Power & VLSI Lab
10	Basic Lab
6	Medical Lab
12	Communication Lab
3	Instrumentation Lab
20	ME Lab
20	Research Lab
05	Class Room and AV Hall
24	For Faculty
03	Library

## **6. Mechanical Engineering:**

No. of System Connected	Name of Laboratory
35	Design Software Lab
39	CAD-CAM Lab
28	Modelling & Simulation
03	RAC
02	HT
05	Model
02	Mechatronics
04	Engine
02	Machine
07	Class Rooms
06	AP Room, Staff Room, DL

## **7. Information Technology:**

No. of System Connected	Name of Laboratory
49	Project Laboratory
57	Software Laboratory
64	Programming Laboratory
28	Hardware Laboratory
14	Language Laboratory
04	Class Room
03	Faculty room
01+01	Seminar Hall + HOD Cabin

## **8. MCA:**

No. of System Connected	Name of Laboratory
23	MCA LAB I
24	MCA LAB II
17	MCA Lab III
18	MCA LABIV

## **9. MBA:**

No. of System Connected	Name of Laboratory
42	Computer Laboratory-I
21	Computer Laboratory-II

**15.13.4 Total number of system connected by WAN:** 04 (ERP servers-03, Gate/Aptitude-01)

## **15.13.5 Major software packages available:**

### **1. Computer Engineering:**

Sr. No .	Name of Major Software Package	Cost	Name of Laboratory
1	Microsoft Campus License (yearly subscription)	6,37,200	-
2	Matlab Campus License (yearly subscription)	1,75,000	Project Lab
3	Cognifront Data Structures & Algorithms Classroom Assistant	47,200	OOP Lab
4	Matlab Campus License	2,00,000	Programming Lab III
5	MS Windows 8.1	3,34,180	
6	IBM Rational Software Architect	1,75,000	Programming Lab III
7	Cognifront Teaching Softwares For Data Structures & Algorithms 3.0	62,200	OOP Lab
8	Cognifront Teaching Softwares For Programming Lab 3.0	62,200	Programming Lab I & II
9	IBM Rational Functional Tester & Quality Manager	2,11,472	Project Lab
10	Project 2010	3,492	Project Lab
11	HP Functional Testing Suite	5,77,931	Project Lab
12	3d Studio Max 6 Discrete	1,25,000	Research Lab
13	3d Studio Max 6 Discrete	37,538	Research Lab
14	IBM Rational Solutions	2,86,000	Programming Lab IV

<b>15</b>	Visual Studio.Net Pro 2003 Win32	39,751	Programming Lab III
<b>16</b>	Macromedia Studio MX	34,000	Research Lab
<b>17</b>	Visual Studio .Net	33,200	Project Lab
<b>18</b>	ORACLE 8i	52,100	Database System Lab
<b>19</b>	Visual Studio 6.0	12,320	Project Lab

## 2. Chemical Engineering:

Sr. No.	Softwares	Utilization
1.	ChemCAD	<p>Hands on experience with the academic software for Process Modeling and Simulation in the project work.</p> <p>Drawing of the process equipments, Preparation of process flow diagram and carrying out the Computational Projects.</p>

## 3. Civil Engineering:

Sr. No.	Major Software Package.
1	MATLAB SOFTWARE
2	COGNIFRONT
3	STAAD PRO
4	ETAB
5	CASTER
6	AUTOCAD
7	NISA
8	ANSYS

#### **4. Production Engineering:**

Sr.No.	Software packages	Cost
1	Auto Desk Mechanical Software	250000
2	TOP-Solid Progress/Mould Software	52000
3	MAT-LAB Software	109509
4	Witness Simulation Software	160000
5	UG-Unigraphics Software	425000
6	Master-CAM Software	132000
7	Statgraphics Software	155000
8	ZWCAD Software	61669
9	Altair-Hyperwork CAE Suite	200025
10	PTC-Creo Software	245000
11	Automation Studio Software	587500
12	MATLAB 2017 Software	200000
13	FEAST Academic Version Software	220000

#### **5. Electrical Engineering:**

Sr. No.	Name of Major software packages	Cost	Name of Laboratory
01	DIGSILENT Power factory(14)	75000	Software Lab
02	ETAP(14.1.0)	4,81,000	Software Lab
03	LabView(2014)	675000	Software Lab
04	ANSYS(2018)	1150500	Research lab
05	MATLAB	6,27,649	ME Control lab
06	Orell	115000	Language Lab
07	MATLAB(campus	200000	Research lab

	lic 2018)		
08	PSCAD(4.2)	Free upgrade	Software Lab
09	MATLAB(campus lic 2018)	200000	Research lab

## 6. Electronics & Telecommunication Engineering:

Sr. No.	Name of Major software packages	Cost (in Rs.)	Name of Laboratory
1	Matlab 6.5 with Simulink & Tools	2,95,568	Computer Lab
2	Orcad Software	3,40,000	
3	Multisim 7	1,90,000	
4	Matlab 7.1(Matlab release 14 with service pack 3)	3,67,776	
5	Fedora ( Linux operating system for Arm 9) SBC 9302	13,500	
6	Triton IDE	1,80,388	VLSI
7	IDE For ARM 7	66,240	
8	SPJ Systems SC51 C Compiler for 8051 Microcontroller	28,740	
9	VLSI Design Software Xilinx	42,750	
10	Hyperlynx 3D EM (Barlier called IE3D) Antenna	5,25,000	
11	Mentor Graphics- CMOS Design		Basic Lab
12	Mentor Graphics- Front End Design		
13	I-cap Software	75,000	
14	Basic Electronics Engg Software	1,00,000	ME Lab
15	Matlab Software R2013a	4,40,738	
16	Microwind 3.5	2,94,000	
17	MATLAB R2018b Software	2,00,000	ME Lab and Computer Lab

## 7. Mechanical Engineering:

Sr. No.	Name of Major software packages	Cost	Name of Laboratory
1.	Ladder Programming Software	73610	Mechatronics
2.	Computer Interface Software	64355	
3.	Software for PID controller	69700	
4.	ANSYS 19.1	375000	Design Software & Modelling & Simulation
5.	MASTERCAM X9	350000	
6.	Matlab 2018b	100000	
7.	Automation Studio 6.1	559524	
8.	Auto cad 2017	Free version	
9.	Cognifront Engg. Graphics V3.0	62200	CAD- CAM
10.	CREO	175000	
11.	Auto cad 2017	Free version	

## 8. Information Technology:

Sr. No.	Name of Major software packages	Cost	Name of Laboratory
1	COMSOL Software	1,83,570	Project Lab
2	IBM Rational Software Architect, Requisite Pro, Server License	1,75,000	Project Lab
3	Adobe FLASH PRO CS.5 Windows 65073966	12,222	Project Lab
4	COREL DRAW Graphic Suite X5-EN-81291	10,094	Project Lab
5	Adobe Dream viewer CS5	9,603	Project Lab
6	Windows STD 2003 Server	21,438	Project Lab
7	Microsoft WinSvrStd 2008R2 SNGL OPL NL	5,292	Software Lab – I
8	MSDN Academic Alliances 7.0	43,563	Software Lab – I

<b>9</b>	Oracle 11g WDP Program	1,50,000	Software Lab – I
<b>10</b>	Oracle 9.0i	52,938	Software Lab – I
<b>11</b>	Macromedia Director MX	19,250	Programming Lab - I
<b>12</b>	3D Studio MAX	37,538	Programming Lab – I
<b>13</b>	Visual Studio .NET 2003	3,456	Programming Lab – II
<b>14</b>	Macromedia Studio MX 2004	17,798	Programming Lab - II
<b>15</b>	Orell Language Lab Software	1,15,000	Language Lab
<b>16</b>	COMSOL Multiphysics	81,084	Research & Development
<b>17</b>	Matlab software (Campus licence)	1,00,000	Research & Development

## 9. MCA:

Sr. No.	Name of Major software packages	Cost	Name of Laboratory
<b>1</b>	IBM RSA Program- IBM RAtional Software	175000	MCA LAB I
<b>2</b>	Flash Pro CS 5	12222	
<b>3</b>	Dream Weaver CS 5	9603	
<b>4</b>	MW-MATLAB Software	100000	MCA LAB II
<b>5</b>	Codegear C++ builder pro	31331	
<b>6</b>	Refhat Linux Enterprise Edition 5.0	34790	
<b>7</b>	MS Office pro plus 2010	5474.02	
<b>8</b>	Project 2010	3015.02	
<b>9</b>	VS Pro 2010	14698.65	MCA Lab III
<b>10</b>	MS windoes server 2008	4569.16	
<b>11</b>	Coral Drraw Graphics Suit	10094	
<b>12</b>	Oracle 11G Std Edition	35035	
<b>13</b>	Netsim Academic Version 7.0	547638	

## 10.MBA:

Sr. No.	Name of Major software packages	Cost	Name of Laboratory
<b>1</b>	Systat 13.2	255,000	Computer Laboratory-I
<b>2</b>	Linguaphone L21	77900	Computer Laboratory-II

## **15.13.6 Special purpose facilities available:**

### **1. Computer Engineering:**

Sr. No.	Special purpose facilities
<b>1</b>	Microsoft Campus License (yearly subscription)
<b>2</b>	Matlab Campus License(yearly subscription)
<b>3</b>	Cognifront Data Structures & Algorithms Classroom Assistant
<b>4</b>	Matlab Campus License
<b>5</b>	MS Windows 8.1
<b>6</b>	IBM Rational Software Architect
<b>7</b>	Cognifront Teaching Softwares For Data Structures & Algorithms 3.0
<b>8</b>	Cognifront Teaching Softwares For Programming Lab 3.0
<b>9</b>	IBM Rational Functional Tester & Quality Manager
<b>10</b>	Project 2010
<b>11</b>	HP Functional Testing Suite
<b>12</b>	3d Studio Max 6 Discrete
<b>13</b>	3d Studio Max 6 Discrete
<b>14</b>	IBM Rational Solutions

### **2. Chemical Engineering:**

#### **Special Purpose facilities available in Chemical Engineering Department:**

Project Laboratory is exclusively set up for the students and faculty for carrying out the project and research activities separately. The required equipments and instruments are procured in the project laboratory. All Glassware and chemicals are procured in the laboratory by the Laboratory In-charge and supporting Technical Assistant. This facility is provided in the department in addition to the University curriculum as add on Laboratory.

#### **List of equipments/instruments in the project laboratory**

Sr. No.	Equipments	Utilization
<b>1.</b>	BTI COD testing kit	For measurement of COD of the water samples in

2.	COD Digester (digital) 15 tubes	experimentation for the project and research activity by the students and staff respectively
3.	Ravel make variable speed peristaltic pump	Useful for the project and research activities regarding liquid flow
4.	Water testing kit	To analyze the water samples
5.	BTI orbital shaking incubator	To analyze the liquid samples under the controlled parameters
6.	BTI B.O.D. Incubator	To measure the Biological Oxygen Demand of water samples for 5 days under the controlled parameter
7.	Magnetic stirrer with hot plate	For stirring as well as heating purpose in project and research work
8.	Autoclave	To carry out the reaction under different operating conditions in project
9.	Vacuum pump Mono block	Useful to do experimentation under vacuum
10.	Plate type heat exchanger	To use in the project work
11.	Open pan Evaporator	For evaporation or concentrating the solution
12.	Fluidized bed heat transfer unit	To transfer the heat by fluidization
13.	Heat transfer in agitated vessel	To study an enhancement of the heat transfer rate by agitation
14.	Distilled Water Set Up	To generate distilled water for reaction and experimentation
15.	Water Softener	For softening or reduce the hardness of water required for experimentation.
16.	PH Meter Digital	Measurement of the acidity or alkalinity of solution
17.	Redwood Viscometer	Measurement of the viscosity of fluid
18.	Digital TDS Meter	Determination of total dissolved solids in given sample

<b>19.</b>	Muffle Furnace	Heating of the sample at higher temperature for experimentation purpose
<b>20.</b>	Hot air Oven 250°C with shelves	To dry the sample within time
<b>21.</b>	Magnetic Stirrer	For continuous stirring and heating
<b>22.</b>	Ultrasonic Cleaner (Sonicator)	Carry out the operation using sonication
<b>23.</b>	Digital electronic Balance	To measure required quantity of samples for experimentation
<b>24.</b>	ASTM Distillation Apparatus	To produce the distilled water
<b>25.</b>	RTD Pt-100 thermocouple sensors with indicator	Determine the temperature of reaction media or solution.
<b>26.</b>	Fire Extinguisher	Safety measures to reduce the fire hazards.
<b>27.</b>	Water and Oil Bath With Digital Controller	To carry out the constant temperature operation
<b>28.</b>	Revolutionary high speed Centrifuge without rotor Head	Separation of phases in the liquids
<b>29.</b>	Solar Conduction Dryer	Drying of food grade product without an exposure of the UV radiations

### **3. Civil Engineering:**

<b>Sr. No.</b>	<b>Special Purpose Facilities.</b>
<b>1</b>	multi-paradigm numerical computing environment and proprietary programming language developed by MathWorks.
<b>2</b>	Cognifront designs, develops and markets software for technical education (engineering and polytechnic / diploma). Cognifront software runs on Windows, Android, Linux, and Macintosh desktops.
<b>3</b>	This Software is most used Software for civil Engineering designing. (STAAD.Pro) is a structural analysis and design software application

### **4. Electrical Engineering:**

## Special purpose facilities available

Sr. No.	Special purpose facilities
1.	Keil, MPLAB, GCC Compiler.
2.	High performance Robot kit in built programming with 68HC11 Microcontroller board
3.	HP DesigJet 510 42 Inch Printer CH337A
4.	DSPACE, DSO, VFD Drives.
5.	Power Quality Analyser 3196 4 Channel, Hioki Japan make
6.	HIOKI PW3198 Power Quality Analyzer Along with Standard Accessories
7.	IBM Intel Xeon 3300M4 Server IBM 500 GB 7.2 K 6GBPS NI SATA HDD RAM 8 GB ECC 1333 MHz
8.	Metrix make 100 MHz digital CRO model-OX8100,
9.	Philips make 100 MHz 4 channel CRO with CRT readout model OS5100RA
10.	LG make 100 MHz digital CRO model-OS310M
11.	Variable speed DC drive trainer kit based on digital drive 6RA70 400 volts 3ph 15 amps 4 quadrant.
12.	AC Drive trainer kit, Siemens make
13.	Digital Storage Oscilloscope Tektronix make 4 Ch, 100 Mhz, 1 GS/s Model: TPS2014B
14.	4 Chanel 100 MHz 2BS/s DSO Wave 2014, with 25 MHz Differential Probe Lecroy AP031 and Current Probe 100 kHz, 100 AC/DC BNC Tektronix A622
15.	DC Power supply, PWM Inverter with Interfacing cord with interfacing 37 pin connector
16.	MATLAB-Simulink, Stateflow, Simulink Coder, MATLAB Coder, Control System Toolbox, DSP System Toolbox, Signal Processing Toolbox
17.	10. D-SPACE Advanced Control Education Kit 1104 (ACE 1104) consisting of <b>Hardware</b> DS1104 R & D Controller Board, CLP1104 Connector/LED Panel, <b>Software</b> , CDP (Control development Package), Microtec Power PC Cross Complier
18.	Zaran make C.T. test set.
19.	Zaran make P.T. test set
20.	Earth Clam tester DECT-2, Motwane make
21.	Computer Interface Software PID Trainer
22.	Ultrasonic leak detector SPM make Article LDA10
23.	Digital Earth Tester, 0.01 to 1000 Ohm, AC leakage current measurement 0-30 A with memory storage facility
24.	Cascade Control System Trainer
25.	Clamp On Earth Tester Hioki Make FT6380 and Lux meter 3423
26.	Portable Ultrasonic Flow Meter Model STUF-3004
27.	Clamp On Earth Tester FT6380 Hioki Japan
28.	Clamp On Power Hi Tester 3286-20 Hioki Japan
29.	Switchgear testing kit
30.	L&T make air circuit breaker 400 Amp, 440 Volt CN-CS
31.	Table top PLC training kit GE Fanuc Versamax Micro PLC
32.	Relay Testing Kit Model ARTUVF/S, Ashida make

33.	Circuit Breaker Time Interval meter Model SCOT M3K
34.	Primary Injection Test Kit O/p: 0-250-500-1000 A
35.	PLC Trainer III Kit with Ladder Programming Software, SCADA Software and Hardware
36.	Numerical Transformer Differential Relay (MIB 202),
37.	Numerical Communicable Motor Protection Relay (RHO3),
38.	Numerical 3 OC & 1 EF Protection Relay (MJT),
39.	Numerical Non-Directional 3 OC & 1 EF Protection Relay (MIT),
40.	Electromagnetic 3 Element IDMTL OC & EF Relay (2TJM3P),
41.	13. Auxiliary relay for Transformer Protection (B33),
42.	High Impedance Relay for REF (5B3)
43.	C & Tan D bridge Model MLS-11D, Shivananda Electronics
44.	Oil loss angle & dielectric constant meter
45.	IR Thermometer Model Fluke 574: Fluke USA make
46.	Thermal Imager Model Fluke Ti20
47.	Integrated sounds level meter with calibrator and case
48.	Portable flue gas & combustion analyzer with gas sampling probe assembly and sintered tip filter for probe
49.	Insulation Tester, Voltage 1kV-5kV, Resistance 50MOhm to 50 Gohm Model B-50K
50.	High Voltage AC/DC set with control panel 100 kV AC/ 140 kV DC set
51.	Digital Conductivity Meter Model: 007012010, Shivananda Electronics
52.	Thermal Imager Testo 881-2 Temp. range 20 to 350 Deg. C, Resolution 160 ´ 120 pixels, Thermal Sensitivity 50 mK with Integrated Digital Camera
53.	10 kV Digital Insulation Tester, MI3200
54.	Testo 330-1 LL Version 2010 with Graphic Display Flue Gas Analyser
55.	Ageing equipment to study crack development
56.	High Voltage Tester 30 kV, 30 mA, with jig for solid material
57.	55" LED Television (TV) KDL-55W950A IN5 (LED) Sony make
58.	ENO 2680-A Interactive Board

## 5. Electronics & Telecommunication Engineering:

Sr. No.	Special purpose facilities
1	Texas Instruments Centre of Excellence
2	Research Lab
3	MKCL Super campus
4	Smart Board
5	Departmental FTP server

## 6. Mechanical Engineering:

Sr. No.	Special purpose facilities
1	3D Printer BCUD research project
2	Access to E-Resources of central Library

## 7. Information Technology:

Sr. No.	Special purpose facilities
1	COMSOL Software
2	Orell Language Lab Software - 21 Head Phones, Webcam, Hardware Lock

## 8. MCA:

Sr. No.	Special purpose facilities
1	Ahuja Amplifier
2	Ahuja Column Speaker
3	Ahuja Mic Stand
4	EYERIS Smart Classroom
5	Mic
6	LED TV
7	Video Conferencing Unit

## 9. MBA:

Sr. No.	Special purpose facilities
1	Online Exam
2	MBA-I & II Practical Subject-MS-Excel ,Online Trading of Financial Assets, Statistical Software ,

	Summer Internship Projects & Dissertation Projects.
3	Aptitude Test
4	Linguaphone Sessions

## 15.14 Innovation Cell:

### IPR Committee:

IPR Committee consists of Institute IPR Coordinator appointed by head of institute and one coordinator from each department.

List of committee members:

Sr. No.	Name of Member	Department	Committee Designation
1.	Dr. Sunita A. Patil (Ugale)	E&TC	Coordinator
2.	Prof. S. N. Jain	Chemical	Member
3.	Dr Sunil Kute	Civil	Member
4.	Prof. Dr. S. M. Kamalapur, Prof. N. M. Shahane, Prof. S. S. Banait	Computer	Member
5.	Prof. Dr. Thakre	Electrical	Member
6.	Prof. S. V. Purkar	IT	Member
7.	Dr. Shalmali Gadge	MBA	Member
8.	Prof.Dr.M.N.Shelar Prof.V.S.Patil, Prof.V.K.Patil	Mechanical	Member
9.	Prof. Dr. P. J. Pawar	Production	Member
10.	Dr. A. C. Pawar ,	Science	Member

	Dr. A.W.M.H Ansari, Prof. Prachi S. Shahir		
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## 15.15 Social Media Cell:

## 15.16 List of facilities available:

### ➤ Games and Sports Facilities:

#### Playground:

The institute provides excellent sports facilities. A playground with area 20,000m<sup>2</sup> is developed in the campus for playing outdoor games such as cricket, football, hockey etc.

A six lane athletic track, two volley ball courts, one basketball court, one badminton court and two lawn tennis courts are also available.

Similarly, the institute also has the facility for indoor games such as chess, carom and table tennis.

#### Gymnasium:

The gymnasium is equipped with all modern equipment for body building and fitness. Some of major equipment available in the gymnasium are motorized jogger, eight station multi gym, hip adductors, hip abductor, cable cross machine, power cage, Olympic standard weight lifting set, bench press etc. The facility of steam and sauna bath is also available in the gymnasium.

### ➤ Extra-Curricular Activities:

- Institute has active NSS cell. Every year annual camp and various activities like tree plantation, blood donation, Eco Friendly Ganesh idol Visarjan, Swachha Bharat Abhiyan, AIDS awareness program, eye checking camp, help for blind and flood affected people are organized by this cell. It also organizes expert sessions on various topics such as road safety, personality development, yoga, river protection, gender equality etc.
- To provide a platform to showcase cultural and sports talents and for personality development of students, following major activities are conducted by student council:
  - Annual social gathering ‘MAFFICK’ – which includes cultural activities, Art exhibition, personality contest, elocution competition, etc.
  - Annual prize distribution function
  - Sports events / competitions
- The institute has well equipped gymnasium.
- The institute has appointed Physical Director and supporting staff for conduction of sports activities and for maintenance.

- Facilities for indoor games such as table tennis, chess, body building and carom are available to the students.
- Facilities for outdoor games such as Foot ball, Cricket, Basket ball, Volley ball, Lawn tennis and Badminton are available to the students.
- The students are encouraged to participate in various sports, games, cultural and extracurricular activities.
- Students' chapters of different professional societies and students' association of all the department of the institute organize various extra-curricular and co-curricular activities including Vijigisha, Poster Competitions, Paper presentations, Technical events and Spotlight competitions to provide platform for the student's overall development.

### ➤ **Soft Skill Development Facilities:**

- The institute is making efforts for overall development of the students to cope with the need of the dynamic employment market through various activities.
- Dr. A. P. J. Abdul Kalam career development centre conducts various programmes on soft skills, technical training and organizes seminars & workshops on technological advancements and research areas. It also organizes HR Meet, CEO Meet and SME Meet for enhancing industry institute interaction.
- The institute regularly conducts Soft Skills and Aptitude Skill Training Programs from first year to final year for duration of 120 hours for enhancing student's aptitude and soft skills to compete in the global employment market. The institute also conducts mock aptitude tests, mock group discussions and mock personnel interviews. These are being conducted by expert trainers and are titled as Campus Readiness Training (CRT).
- Language Laboratory available in MBA, IT & Electrical Engineering department is utilized optimally by students of other departments. It is equipped with 20 user license of Orell software and Linguaphone Lab to enhance grammar, vocabulary and pronunciation for English. Additional licenses are available on intranet for students of other departments.
- A course on soft skills is included in the curriculum of all the programmes by the university.
- The institute has also signed MoU with training institutes to improve the aptitude and soft skills of the students. Following table shows number of MoUs signed by the institute.

<b>Name of the Training Institute with whom MoU signed</b>	
1	AMCAT
2	Universal Education
3	FACE academy for Career Development

4	Gokhale's Advanced Training Institute
5	TIME Training Institute, Nashik
6	Techrel, Pune
7	Ray's Academy, Nashik
8	APART
9	Great Mission Group Consultancy
10	Wiksate-Social Learning Portal

## 15.17 Teaching Learning Process:

### 15.17.1 Curricula and syllabus for each of the programmes as approved by the University:

Course	Syllabus Link
<b>FE Syllabus(Common to all branches)</b>	
FE Syllabus (2019 Pattern)	<a href="https://engg.kkwagh.edu.in/media/post_image/First_Year_Engineering_2019.pdf">https://engg.kkwagh.edu.in/media/post_image/First_Year_Engineering_2019.pdf</a>
FE Syllabus(FPL I and FPL II 2015 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/FPL_I-II_Syllabus_SPPU_(1).pdf">http://engg.kkwagh.edu.in/media/post_image/FPL_I-II_Syllabus_SPPU_(1).pdf</a>
FE Syllabus(Com mon to all branches 2015 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/FE-Syllabus_2015_Course.pdf">http://engg.kkwagh.edu.in/media/post_image/FE-Syllabus_2015_Course.pdf</a>
FE Syllabus(Com mon to all branches 2012	<a href="http://engg.kkwagh.edu.in/media/post_image/FE_Syllabus_2012_Course_10-7-129.pdf">http://engg.kkwagh.edu.in/media/post_image/FE_Syllabus_2012_Course_10-7-129.pdf</a>

Course)	
<b>Computer Engineering</b>	
SE Computer Engineering (2019 Course)	<a href="https://engg.kkwagh.edu.in/media/post_image/SE_Computer_Engg_2019_Pat_.pdf">https://engg.kkwagh.edu.in/media/post_image/SE_Computer_Engg_2019_Pat_.pdf</a>
SE Computer Engineering (2015 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/SPPU_SE_Computer_Engg_2015_Course_Syllabus_June2016_(1)-27-6-161.pdf">http://engg.kkwagh.edu.in/media/post_image/SPPU_SE_Computer_Engg_2015_Course_Syllabus_June2016_(1)-27-6-161.pdf</a>
SE Computer Engineering (2012 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/SESyllabus_Computer_EngineeringCourse3-6-13.pdf">http://engg.kkwagh.edu.in/media/post_image/SESyllabus_Computer_EngineeringCourse3-6-13.pdf</a>
TE Computer Engineering (2012 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/Syllabus_TE_Computer_Engineering_2012Course.pdf">http://engg.kkwagh.edu.in/media/post_image/Syllabus_TE_Computer_Engineering_2012Course.pdf</a>
TE Computer Engineering (2015 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_Computer_Syllabus_2015_Course-3-4-17.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_Computer_Syllabus_2015_Course-3-4-17.pdf</a>
BE Computer Engineering (2012 Course)	<a href="http://engg.kkwagh.edu.in/media/post_image/BE-Computer-2012-course-27-8-15.pdf">http://engg.kkwagh.edu.in/media/post_image/BE-Computer-2012-course-27-8-15.pdf</a>
BE Computer Engineering (2015 Course)	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_2015.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_2015.pdf</a>
Open Elective on ERP by Infor Ltd. , Singapore	<a href="https://engg.kkwagh.edu.in/media/post_image/open_elective.pdf">https://engg.kkwagh.edu.in/media/post_image/open_elective.pdf</a>
Ph. D. Course Work under Faculty of Engineering from the A. Y. 2010	<a href="http://engg.kkwagh.edu.in/media/post_image/Ph.D. Course work under Faculty of Engineering.pdf">http://engg.kkwagh.edu.in/media/post_image/Ph.D. Course work under Faculty of Engineering.pdf</a>
<b>Electronics &amp; Telecommunication / Electronics</b>	
SE Electronics & Telecommunic	<a href="https://engg.kkwagh.edu.in/media/post_image/syllabus19.pdf">https://engg.kkwagh.edu.in/media/post_image/syllabus19.pdf</a>

ation / Electronics (2 019)	
SE Electronics & Telecommunic ation / Electronics (2 012)	<a href="http://engg.kkwagh.edu.in/media/post_image/SE_2012_course.pdf">http://engg.kkwagh.edu.in/media/post_image/SE_2012_course.pdf</a>
TE Electronics & Telecommunic ation (2012)	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_ETC_Syllabus.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_ETC_Syllabus.pdf</a>
TE Electronics (2 012)	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_Electronics_Syllabus.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_Electronics_Syllabus.pdf</a>
BE Electronics & Telecommunic ation (2012)	<a href="http://engg.kkwagh.edu.in/media/post_image/BE_ETC_Syllabus.pdf">http://engg.kkwagh.edu.in/media/post_image/BE_ETC_Syllabus.pdf</a>
BE Electronics (2012)	<a href="http://engg.kkwagh.edu.in/media/post_image/BE_Electronics_Syllabus.pdf">http://engg.kkwagh.edu.in/media/post_image/BE_Electronics_Syllabus.pdf</a>
Advanced Automotive Electronics (2012)	<a href="http://engg.kkwagh.edu.in/media/post_image/AAE-20151.pdf">http://engg.kkwagh.edu.in/media/post_image/AAE-20151.pdf</a>
SE Electronics & Telecommunic ation / Electronics (2015)	<a href="http://engg.kkwagh.edu.in/media/post_image/Revised_SE_E_TC_Syllabus_2016_14_June_2016-27-6-16.pdf">http://engg.kkwagh.edu.in/media/post_image/Revised_SE_E_TC_Syllabus_2016_14_June_2016-27-6-16.pdf</a>
TE Electronics & Telecommunic ation (2015)	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_E-TC_Syllabus_2015_Course-3-4-17.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_E-TC_Syllabus_2015_Course-3-4-17.pdf</a>
TE Electronics	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_Electronics_2015-11-4-17.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_Electronics_2015-11-4-17.pdf</a>

(2015)	
BE Electronics & Telecommunication (2015)	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_E_TC_2015_Course.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_E_TC_2015_Course.pdf</a>
BE Electronics (2015)	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_Electronics_2015_Course.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_Electronics_2015_Course.pdf</a>
ME Electronics[V LSI and Embedded] (2017)	<a href="https://engg.kkwagh.edu.in/media/post_image/ME-EandTC-VLSI_and_Emb_Systems_2017_3-5-17.pdf">https://engg.kkwagh.edu.in/media/post_image/ME-EandTC-VLSI_and_Emb_Systems_2017_3-5-17.pdf</a>
ME Electronics[V LSI and Embedded] (2013)	<a href="https://engg.kkwagh.edu.in/media/post_image/ME_VLSI_Emd2.pdf">https://engg.kkwagh.edu.in/media/post_image/ME_VLSI_Emd2.pdf</a>
<b>Electrical Engineering</b>	
SE 2012 Pattern Syllabus	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised_2013/engg/Electrical_Engineering_27-5-13.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised_2013/engg/Electrical_Engineering_27-5-13.pdf</a>
TE 2012 Pattern Syllabus	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised_2014/engg/T.E.%20Electrical%20Engineering.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised_2014/engg/T.E.%20Electrical%20Engineering.pdf</a>
BE 2012 pattern Syllabus	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised-2015/engineering/BE-Electrical-Engineering-Syllabus-2012-course-draft.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised-2015/engineering/BE-Electrical-Engineering-Syllabus-2012-course-draft.pdf</a>
SE 2015 Pattern Syllabus	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202016/SE%20Electrical%20Engg%20(2015%20course)7-9-16.pdf">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202016/SE%20Electrical%20Engg%20(2015%20course)7-9-16.pdf</a>
TE 2015 Pattern Syllabus	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/T.E.%20Electrical%20Syllabus%202015%20Course-3-4-17.pdf">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/T.E.%20Electrical%20Syllabus%202015%20Course-3-4-17.pdf</a>
BE 2015 Pattern Syllabus	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_Electrical_2015_course.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_Electrical_2015_course.pdf</a>
ME 2017	<a href="https://engg.kkwagh.edu.in/media/post_image/ME_Electrical_Power_Systems_2017_3-5-">https://engg.kkwagh.edu.in/media/post_image/ME_Electrical_Power_Systems_2017_3-5-</a>

Pattern Syllabus	<a href="#">17.pdf</a>
PET Syllabus	<a href="https://engg.kkwagh.edu.in/media/post_image/Engineering_PET.pdf">https://engg.kkwagh.edu.in/media/post_image/Engineering_PET.pdf</a>
Ph. D Course Work Syllabus	<a href="https://engg.kkwagh.edu.in/media/post_image/Ph_D_Course_work.pdf">https://engg.kkwagh.edu.in/media/post_image/Ph_D_Course_work.pdf</a>
<b>Mechanical Engineering</b>	
SE Mechanical 2019 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/SE_Mech_and_Auto_Engg_2019_Patt_06_072020.pdf">https://engg.kkwagh.edu.in/media/post_image/SE_Mech_and_Auto_Engg_2019_Patt_06_072020.pdf</a>
SE Mechanical 2015 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/SE_Mech_(2015_Course)-25-7-16.pdf">http://engg.kkwagh.edu.in/media/post_image/SE_Mech_(2015_Course)-25-7-16.pdf</a>
TE Mechanical 2012 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_Mech_2012-Syllabus.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_Mech_2012-Syllabus.pdf</a>
TE Mechanical 2015 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_MECH_Syllabus_2015_Course-3-4-17.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_MECH_Syllabus_2015_Course-3-4-17.pdf</a>
BE Mechanical 2012 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/BE-Mechanical-2012-course.pdf">http://engg.kkwagh.edu.in/media/post_image/BE-Mechanical-2012-course.pdf</a>
BE Mechanical 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_Mechanical_2015_course.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_Mechanical_2015_course.pdf</a>
<b>Production Engineering</b>	
Second Year (S.E.) Production Engineering (Course 2019)	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/Syllabus%20SE%20(Prod)%20Engg.%202019%20Patt_30.062020.pdf">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/Syllabus%20SE%20(Prod)%20Engg.%202019%20Patt_30.062020.pdf</a>
Second Year (S.E.) Production Engineering (Course 2015)	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202016/SE_Prod.%20and%20Indu%202015%20course7-9-16.PDF">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202016/SE_Prod.%20and%20Indu%202015%20course7-9-16.PDF</a>
Third Year	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/TE_Production%20Syllabus%202015-7-">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus%202017/TE_Production%20Syllabus%202015-7-</a>

(T.E.) Production Engineering Credit System Syllabus (Course 2015)	<a href="#">4-17.pdf</a>
Final Year (B.E.) Production Engineering Syllabus (Course 2012)	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised-2015/engineering/BE-Production-2012-course.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised-2015/engineering/BE-Production-2012-course.pdf</a>
Final Year (B.E.) Production Engineering Syllabus (Course 2015)	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_Production_2015_Course.PDF">https://engg.kkwagh.edu.in/media/post_image/BE_Production_2015_Course.PDF</a>
Doctor of Philosophy (Ph.D.) - Production Engineering Course Work under Faculty of Engineering from the A. Y. 2010	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised_phd_2010/Ph.D.%20Course%20work%20under%20Faculty%20of%20Engineering.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised_phd_2010/Ph.D.%20Course%20work%20under%20Faculty%20of%20Engineering.pdf</a>
<b>Civil Engineering</b>	
S.E. Civil Engineering Syllabus 2012 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/2.S.E._Civil_Engineering_2012_Course.pdf">https://engg.kkwagh.edu.in/media/post_image/2.S.E._Civil_Engineering_2012_Course.pdf</a>
S.E. Civil Engineering Syllabus 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/3.SE_CIVIL_2015_Course.pdf">https://engg.kkwagh.edu.in/media/post_image/3.SE_CIVIL_2015_Course.pdf</a>
T.E. Civil Engineering Syllabus 2012	<a href="https://engg.kkwagh.edu.in/media/post_image/4.T.E.Civil_-2012_Course-Syllabus.pdf">https://engg.kkwagh.edu.in/media/post_image/4.T.E.Civil_-2012_Course-Syllabus.pdf</a>

Course	
T.E. Civil Engineering Syllabus 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/T_E -CIVIL-2015-PAT.pdf">https://engg.kkwagh.edu.in/media/post_image/T_E -CIVIL-2015-PAT.pdf</a>
B.E. Civil Engineering Syllabus 2012 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/5.BE-Civil-2012-Course.pdf">http://engg.kkwagh.edu.in/media/post_image/5.BE-Civil-2012-Course.pdf</a>
B.E. Civil Engineering Syllabus 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/B_E -CIVIL-2015-PAT.pdf">https://engg.kkwagh.edu.in/media/post_image/B_E -CIVIL-2015-PAT.pdf</a>
M.E. Civil Engineering Syllabus 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/M_E -STRUCTURE-2017-PAT.pdf">https://engg.kkwagh.edu.in/media/post_image/M_E -STRUCTURE-2017-PAT.pdf</a>
<b>Chemical Engineering</b>	
SE Chemical Engineering (2015)	<a href="http://engg.kkwagh.edu.in/media/post_image/SE_Chemical_(2015_Course)-25-7-16_(2).pdf">http://engg.kkwagh.edu.in/media/post_image/SE_Chemical_(2015_Course)-25-7-16_(2).pdf</a>
SE Chemical Engineering (2019)	<a href="https://engg.kkwagh.edu.in/media/post_image/SE_Chemical_Engg_2019_Patt_30_062020.pdf">https://engg.kkwagh.edu.in/media/post_image/SE_Chemical_Engg_2019_Patt_30_062020.pdf</a>
TE Chemical Engineering (2012)	<a href="http://engg.kkwagh.edu.in/media/post_image/TE_CHEMICAL_6.20141.pdf">http://engg.kkwagh.edu.in/media/post_image/TE_CHEMICAL_6.20141.pdf</a>
TE Chemical Engineering (2015)	<a href="https://engg.kkwagh.edu.in/media/post_image/TE_2015_pattern_(2).pdf">https://engg.kkwagh.edu.in/media/post_image/TE_2015_pattern_(2).pdf</a>
BE Chemical Engineering (2015)	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_Chemical_2015_course.pdf">https://engg.kkwagh.edu.in/media/post_image/BE_Chemical_2015_course.pdf</a>
<b>Information Technology</b>	
SE-Information Technology	<a href="http://engg.kkwagh.edu.in/media/post_image/SEIT_(2015_Course)-25-7-16.pdf">http://engg.kkwagh.edu.in/media/post_image/SEIT_(2015_Course)-25-7-16.pdf</a>

Syllabus 2015 Course	
SE- Information Technology Syllabus 2019 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/SE_INFORMATION TECHNOLOGY_2019_Patt_27_072020.pdf">https://engg.kkwagh.edu.in/media/post_image/SE_INFORMATION TECHNOLOGY_2019_Patt_27_072020.pdf</a>
TE- Information Technology Syllabus 2015 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/Final_Version_TE_IT_Syllabus_2015_Course.pdf">http://engg.kkwagh.edu.in/media/post_image/Final_Version_TE_IT_Syllabus_2015_Course.pdf</a>
BE- Information Technology Syllabus 2012 Course	<a href="http://engg.kkwagh.edu.in/media/post_image/BE-IT_Syllabus_2012_Course.pdf">http://engg.kkwagh.edu.in/media/post_image/BE-IT_Syllabus_2012_Course.pdf</a>
BE- Information Technology Syllabus 2015 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/BE_(Information_Technology)_2015_course_Syllabus_23_May_Final_(1).pdf">https://engg.kkwagh.edu.in/media/post_image/BE_(Information_Technology)_2015_course_Syllabus_23_May_Final_(1).pdf</a>

### **15.17.2 Academic Calendar of the University:**

<http://collegecirculars.unipune.ac.in/sites/documents/Academic%20Calender/Forms/AllItems.aspx>

### **15.17.3 Academic Time Table with the name of the Faculty members handling the Course:**

#### **1. Time Table of Computer Engineering:**

**K. K. Wagh Institute of Engineering Education & Research, Nashik**  
**Department of Computer Engineering**  
**Academic Year 2020-2021 Semester I**  
**Online Class Time-Table**

w.e.f. 01/07/2020

SE A CC: STP		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
SEA	10:30 TO 11:30			
MON	DM(RM)	DEL(MIM)	CG(MJR)	
TUE	OOP(GRG)	CG(MPJ)	DM(JRM)	
WED	OOP(GRG)	DEL(MIM)	FDS(STP)	
THU	FDS(STP)	CG(MPJ)	OOP(GRG)	
FRI	DEL(MIM)	DM(JRM)	FDS(STP)	
SAT	Humanities TUT(NMS)		AUDIT COURSE/MicroPro/MERCT	

SE B CC: CRP		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
SEB	10:30 TO 11:30			
MON	DM(SMK)	DEL(NMP)	CG(PV)	
TUE	OOP(SDU)	CG(PV)	DM(SMK)	
WED	OOP(SDU)	DEL(NMP)	FDS(CRP)	
THU	FDS(CRP)	CG(PV)	OOP(SDU)	
FRI	DEL(NMP)	DM(SMK)	FDS(CRP)	
SAT	Humanities TUT(NMS)		AUDIT COURSE/MicroPro/MERCT	

TE A CC: RHJ		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
TEA	10:30 TO 11:30			
MON	SOL-TUT(RHJ)	DBMS(SKG)	CN(PDR)	
TUE	DBMS(SKG)	SEPM(VNS)	CN(PDR)	
WED	SEPM(VNS)	CN(PDR)	TOC(RHJ)	
THU	ISEE(SDU)	TOC(RHJ)	SEPM(VNS)	
FRI	ISEE(SDU)	TOC(RHJ)	CN(PDR)	
SAT	ISEE(SDU)	DBMS(SKG)	SOL-TUT(RHJ)	

TE B CC: AVT		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
TEB	10:30 TO 11:30			
MON	SOL-TUT(KPB)	DBMS(IP)	CN(AVK)	
TUE	DBMS(IP)	SEPM(AVT)	CN(AVK)	
WED	SEPM(AVT)	CN(AVK)	TOC(GRG)	
THU	ISEE(PDR)	TOC(GRG)	SEPM(AVT)	
FRI	ISEE(PDR)	TOC(GRG)	CN(AVK)	
SAT	ISEE(PDR)	DBMS(IP)	SOL-TUT(KPB)	

BE A CC: JRM		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
BEA	10:30 TO 11:30			
MON	A1&R(AVT)	EII-STQA(DMK)	DA(SMK)	
TUE	HPC(RM)	EII-STQA(DMK)	EI-DM(5SS)	
WED	DA(SMK)	EII-STQA(DMK)	HPC(RM)	
THU	DA(SMK)	HPC(RM)	EI-DM(5SS)	
FRI	EI-DM(5SS)	A1&R(AVT)	MERC	
SAT	HPC(RM)	A1&R(AVT)	MERC	

BE B CC: NGS		10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
BEB	10:30 TO 11:30			
MON	A1&R(WWP)	EII-STQA(SSB)	DA(NGS)	
TUE	HPC(MIM)	EII-STQA(SSB)	EI-DM(5SS)	
WED	DA(NGS)	EII-STQA(SSB)	HPC(MIM)	
THU	DA(NGS)	HPC(MIM)	EI-DM(5SS)	
FRI	EI-DM(5SS)	A1&R(WWP)	MERC	
SAT	HPC(MIM)	A1&R(WWP)	MERC	

*Ms. M. J. Patil*  
**Time-Table Co-ordinator**

Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/  
 Remedial Class/Compensatory Class/Tutorial Class

*Prof. Dr. S. S. Sane*  
**Head, Dept. of Computer Engg**

  
K. K. Wagh Institute of Engineering Education & Research, Nashik

Department of Computer Engineering  
Academic Year 2020-2021 Semester I  
Online Class Time-Table

w.e.f. 01/07/2020

**SE A CC: STP**

SEA	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	DM(JRM)	DEL(MJM)	CG(MJP)
TUE	OOP(GRG)	CG(MJP)	DM(JRM)
WED	OOP(GRG)	DEL(MJM)	FDS(STP)
THU	FDS(STP)	CG(MJP)	OOP(GRG)
FRI	DEL(MJM)	DM-(JRM)	FDS(STP)
SAT	Humanities TUT(NMS)	AUDIT COURSE/MicroPro/MERCT	

**SE B CC: CRP**

SEB	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	DM(SMK)	DEL(NMP)	CG(PPV)
TUE	OOP(SDJ)	CG(PPV)	DM(SMK)
WED	OOP(SDJ)	DEL(NMP)	FDS(CRP)
THU	FDS(CRP)	CG(PPV)	OOP(SDJ)
FRI	DEL(NMP)	DM-(SMK)	FDS(CRP)
SAT	Humanities TUT(NMS)	AUDIT COURSE/MicroPro/MERCT	

**TE A CC: RHJ**

TEA	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	SDL-TUT(RHJ)	DBMS(SKG)	CN(PDR)
TUE	DBMS(SKG)	SEPM(VNS)	CN(PDR)
WED	SEPM(VNS)	CN(PDR)	TOC(RHJ)
THU	ISEE(SDJ)	TOC(RHJ)	SEPM(VNS)
FRI	ISEE(SDJ)	TOC(RHJ)	CN(PDR)
SAT	ISEE(SDJ)	DBMS(SKG)	SOL-TUT(RHJ)

**TE B CC: AVT**

TEB	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	SDL-TUT(KPB)	DBMS(IP)	CN(AVK)
TUE	DBMS(IP)	SEPM(AVT)	CN(AVK)
WED	SEPM(AVT)	CN(AVK)	TOC(GRG)
THU	ISEE(PDR)	TOC(GRG)	SEPM(AVT)
FRI	ISEE(PDR)	TOC(GRG)	CN(AVK)
SAT	ISEE(PDR)	DBMS(IP)	SDL-TUT(KPB)

**BE A CC: JRM**

BEA	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	AI&R(AVT)	EII-STQA(DMK)	DA(SMK)
TUE	HPC(JRM)	EII-STQA(DMK)	EI-DM(SSS)
WED	DA(SMK)	EII-STQA(DMK)	HPC(JRM)
THU	DA(SMK)	HPC(JRM)	EI-DM(SSS)
FRI	EI-DM(SSS)	AI&R(AVT)	MERCT
SAT	HPC(JRM)	AI&R(AVT)	MERCT

**BE B CC: NGS**

BEB	10:30 TO 11:30	11:45 TO 12:45	1:30 TO 2:30
MON	AI&R(WWP)	EII-STQA(SSB)	DA(NGS)
TUE	HPC(MJM)	EII-STQA(SSB)	EI-DM(SSS)
WED	DA(NGS)	EII-STQA(SSB)	HPC(MJM)
THU	DA(NGS)	HPC(MJM)	EI-DM(SSS)
FRI	EI-DM(SSS)	AI&R(WWP)	MERCT
SAT	HPC(MJM)	AI&R(WWP)	MERCT

*[Signature]*  
**Ms. M. J. Patil**

Time-Table Co-ordinator

Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/  
Remedial Class/Compensatory Class/Tutorial Class

*[Signature]*  
**Prof. Dr. S. S. Sane**

Head, Dept. of Computer Engg


  
**K. K. Wagh Institute of Engineering Education & Research, Nashik**  
 Department of Computer Engineering  
 Academic Year 2020-2021      Semester I  
 SE Online Class Time-Table  
 w.e.f. 01/07/2020

SE A CC: STP

SEA	10:15 TO 11:15	11:15 TO 12:15	Break 12:15 to 1:00	1:00 TO 2:00	2:00 TO 3:00
MON	DM(RM)	DEL(MIM)		CG(MJP)	DS Lab(STP/CRP)
TUE	OOP(GRG)	CG(MJP)		DM(JRM)	OOPCG Lab(MJP/PPV)
WED	OOP(GRG)	DEL(MJM)		FDS(STP)	DEL Lab(MJM/NMP)
THU	FDS(STP)	CG(MJP)		OOP(GRG)	BCS Lab(GRG/SDJ)
FRI	DEL(MJM)	DM(JRM)		FDS(STP)	
SAT	HSS TUT(NMS)	AUDIT COURSE/MERCT			

SE B CC: CRP

SEB	10:15 TO 11:15	11:15 TO 12:15	Break 12:15 to 1:00	1:00 TO 2:00	2:00 TO 3:00
MON	DM(SMK)	DEL(NMP)		CG(PPV)	DS Lab(STP/CRP)
TUE	OOP(SDJ)	CG(PPV)		DM(SMK)	OOPCG Lab(MJP/PPV)
WED	OOP(SDJ)	DEL(NMP)		FDS(CRP)	DEL Lab(MJM/NMP)
THU	FDS(CRP)	CG(PPV)		OOP(SDJ)	BCS Lab(GRG/SDJ)
FRI	DEL(NMP)	DM(SMK)		FDS(CRP)	
SAT	HSS TUT(NMS)	AUDIT COURSE/MERCT			

Subject Name		Initials	Name of the Staff
DM	Discrete Mathematics	JRM	Prof. J.R. Mankar
FDS	Fundamentals of Data Structures	SMK	Prof. Dr.S. M. Kamlapur
OOP	Object Oriented Programming	STP	Prof. S.T. Patil
DEL	Digital Electronics	CRP	Prof. C. R. Patil
CG	Computer Graphics	GRG	Prof. G.R. Gupta
HSS	Humanity and Social Science	SDJ	Prof. S.D. Jadhav
DS Lab	Data Structures Lab	MJM	Prof. M.J. Metkar
OOPCG Lab	OOP and Computer Graphics Lab	NMP	Prof. N. M. Pagare
DEL Lab	Digital Electronics Lab	PPV	Prof. P. P. Vaidya
BCS Lab	Business Communication Skills Lab	NMS	Prof. N. M. Shahane
		STP	Prof. S.T. Patil
		CRP	Prof. C. R. Patil
		MCS	Mrs.M. N. Shewale(Technical Assistant)
		MJP	Prof. M.J. Patil
		PPV	Prof. P. P. Vaidya
		SKA	Mr. S.K. Ahire (Technical Assistant)
		MJM	Prof. M.J. Metkar
		NMP	Prof. N. M. Pagare
		JRR	Ms. J.R. Rahatal(Technical Assistant)
		GRG	Prof. G.R. Gupta
		SDJ	Prof. S.D. Jadhav

*m/pd*  
**Ms. M. J. Patil**  
 Time-Table Co-ordinator  
 Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/  
 Remedial Class/Compensatory Class/Tutorial Class

*SPM*  
**Prof. Dr. S. S. Sane**  
 Head, Dept. of Computer Engg  
 Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/  
 Remedial Class/Compensatory Class/Tutorial Class


**K. K. Wagh Institute of Engineering Education & Research, Nashik**  
 Department of Computer Engineering  
 Academic Year 2020-2021 Semester I  
 TE Online Class Time-Table  
 w.e.f. 01/07/2020

TE A CC: RHJ

TEA	10:15 TO 11:15	11:15 TO 12:15		1:00 TO 2:00	2:00 TO 3:00
MON	SDL-TUT(RHJ)	DBMS(SKG)		CN(PDR)	DBMS Lab(SKG/IP)
TUE	DBMS(SKG)	SEPM(VNS)		CN(PDR)	SDL Lab(RHJ/KPB)
WED	SEPM(VNS)	CN(PDR)		TOC(RHJ)	CN Lab(PDR/AVK)
THU	ISEE(SDJ)	TOC(RHJ)		SEPM(VNS)	
FRI	ISEE(SDJ)	TOC(RHJ)		CN(PDR)	
SAT	ISEE(SDJ)	DBMS(SKG)		SDL-TUT(RHJ)	

TE B CC: AVT

TEB	10:15 TO 11:15	11:15 TO 12:15		1:00 TO 2:00	2:00 TO 3:00
MON	SDL-TUT(KPB)	DBMS(IP)		CN(PDR)	DBMS Lab(SKG/IP)
TUE	DBMS(IP)	SEPM(AVT)		CN(AVK)	SDL Lab(RHJ/KPB)
WED	SEPM(AVT)	CN(AVK)		TOC(GRG)	CN Lab(PDR/AVK)
THU	ISEE(PDR)	TOC(GRG)		SEPM(AVT)	
FRI	ISEE(PDR)	TOC(GRG)		CN(AVK)	
SAT	ISEE(PDR)	DBMS(IP)		SDL-TUT(KPB)	

Subject Name		Initials	Name of the Staff
TOC	Theory of Computation	RHJ	Prof. R. H. Jadhav
DBMS	Database Management Systems	GRG	Prof. G.R. Gupta
SEPM	Software Engineering & Project Management	SKG	Prof. S.K. Gondhalekar
ISEE	Information Systems & Engineering Economics	IP	Prof. I. Priyadarshani
CN	Computer Networks	VNS	Prof. V. N. Suryawanshi
DBMS Lab	Database Management Systems Lab	AVT	Prof. A. V. Taware
CN Lab	Computer Networks Lab	SDJ	Prof. S.D. Jadhav
SDL	Skills Development Lab	PDR	Prof. P. D. Rakibe
		PDR	Prof. P. D. Rakibe
		AVK	Prof. A. V. Kolapkar
		JRR	Ms. J.R. Rathnai(Technical Assistant)
		RHJ	Prof. R. H. Jadhav
		KPB	Prof. K. P. Birla
		YBN	Mr. Y.B. Navle(Technical Assistant)

*Ms. M. J. Patil*

Time-Table Co-ordinator

Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/Remedial Class/Compensatory Class/Tutorial Class

*Prof. Dr. S. S. Sane*

Head, Dept. of Computer Engg

**K. K. Wagh Institute of Engineering Education & Research, Nashik**

Department of Computer Engineering

Academic Year 2020-2021

Semester I

BE Online Class Time-Table

w.e.f. 01/07/2020

**BE A CC: JRM**

BEA	10:15 TO 11:15	11:15 TO 12:15	12:15 TO 1:15	Break 1:15 to 2:00 2:00 TO 3:00 LP-II(DMK/SSB) LP-I(JRM/AVT/NGS)
MON	AI&R(AVT)	EII-STQA(DMK)	DA(SMK)	
TUE	HPC(JRM)	EII-STQA(DMK)	EI-DM(SSS)	
WED	DA(SMK)	EII-STQA(DMK)	HPC(JRM)	
THU	DA(SMK)	HPC(JRM)	EI-DM(SSS)	
FRI	EI-DM(SSS)	AI&R(AVT)	MERCT	
SAT	HPC(JRM)	AI&R(AVT)	MERCT	

**BE B CC: NGS**

BEB	10:15 TO 11:15	11:15 TO 12:15	12:15 TO 1:15	Break 1:15 to 2:00 2:00 TO 3:00 LP-II(DMK/SSB) LP-I(JRM/AVT/NGS)
MON	AI&R(WWP)	EII-STQA(SSB)	DA(NGS)	
TUE	HPC(MJM)	EII-STQA(SSB)	EI-DM(SSS)	
WED	DA(NGS)	EII-STQA(SSB)	HPC(MJM)	
THU	DA(NGS)	HPC(MJM)	EI-DM(SSS)	
FRI	EI-DM(SSS)	AI&R(WWP)	MERCT	
SAT	HPC(MJM)	AI&R(WWP)	MERCT	

<b>Subject Name</b>		<b>Initials</b>	<b>Name of the Staff</b>
<b>HPC</b>	High Performance Computing	JRM	Prof. J.R. Mankar
		MJM	Prof. M.J. Metkar
<b>AI&amp;R</b>	Artificial Intelligence and Robotics	AVT	Prof. A. V. Taware
		WWP	Prof. W. W. Pingle
<b>DA</b>	Data Analytics	SMK	Prof. Dr.S. M. Kamlapur
		NGS	Prof. N. G. Sharma
<b>EI-DM</b>	Elective I- Data Mining and Warehousing	SSS	Prof. Dr.S.S.Sane
<b>EII-STQA</b>	Elective II -Software Testing and Quality Assurance	DMK	Prof. D. M. Kande
		SSB	Prof. S. S. Banait
<b>LP I</b>	Laboratory Practice I	JRM	Prof. J.R. Mankar
		AVT	Prof. A. V. Taware
		NGS	Prof. N. G. Sharma
<b>LP II</b>	Laboratory Practice II	YBN	Mr. Y.B. Navle[Technical Assistant]
		DMK	Prof. D. M. Kande
		SSB	Prof. S. S. Banait
		SKA	Mr. S.K. Ahire (Technical Assistant)

*m/sd*  
**Ms. M. J. Patil**

**Time-Table Co-ordinator**

*m/sd*  
**Prof. Dr. S. S. Sane**

**Head, Dept. of Computer Engg**

Note: Free slots to be utilized for Mentor meet/Audit Course/Expert talk/Employability Enhancement Activity/Remedial Class/  
Compensatory Class/Tutorial Class

## 2. Time Table of Chemical Engineering:

	<p style="text-align: center;"><b>K. K. Wagh Institute of Engineering Education and Research</b>  <b>Hirabai Haridas Vidyanagari, AmrutDham, Panchavati, Nashik-422003</b></p> <p style="text-align: center;"><b>Chemical Engineering Department</b></p>				
<b>Class</b>	<b>SE</b>	<b>TIME TABLE (ONLINE LECTURES)</b>			
<b>Semester</b>	<b>III</b>	<b>SE Chemical Engineering</b>			
<b>Class Coordinator</b>	<b>Prof. Z. K. Deshmukh</b>	<b>Academic Year 2020-21</b>			
<b>Co- Coordinator</b>	<b>Prof. Varsha Parashar</b>	<b>W. E. F 13/07/2020</b>			
<b>Time→ /Day↓</b>	<b>10:10 – 11 :10</b>	<b>11:25-12:25</b>	<b>12:25-01:15</b>	<b>01:10– 02:10</b>	
<b>Monday</b>	<b>CHEM</b>	<b>FM(SNJ)</b>	<b>LUNCH BREAK</b>	<b>PCAL(GBD)</b>	
<b>Tuesday</b>	<b>CHEM</b>	<b>M III(PSS)</b>		<b>CEM(ZKD)</b>	
<b>Wednesday</b>	<b>PCAL (GBD)</b>	<b>FM (SNJ)</b>		<b>PCAL TUTORIAL (GBD)</b>	
<b>Thursday</b>	<b>M III(PSS)</b>	<b>FM (SNJ)</b>		<b>CHEM</b>	
<b>Friday</b>	<b>PCAL (GBD)</b>	<b>MII (PSS)</b>		<b>CEM (ZKD)</b>	
<b>Saturday</b>	<b>M III TUTORIAL (PSS)</b>	<b>CHEM</b>		<b>CEM(ZKD)</b>	

Prof. T. B. Mahale  
 Time Table Coordinator

Prof. Dr. V. S. Mane  
 Head of Department

Prof. Dr. K. N. Nandurkar  
 Principal

	<p style="text-align: center;"><b>K. K. Wagh Institute of Engineering Education and Research</b>  <u>Hirabai Haridas Vidyanagari, AmrutDham, Panchavati, Nashik-422003</u>  <b>Chemical Engineering Department</b></p>				
<b>Class</b>	<b>TE</b>	<b>TIME TABLE (ONLINE LECTURES)</b>			
<b>Semester</b>	<b>V</b>	<b>TE Chemical Engineering</b>			
<b>Class Coordinator</b>	<b>Prof. S. N. Derle</b>	<b>Academic Year 2020-21</b>			
<b>Co- Coordinator</b>	<b>Prof. P. P. Joshi</b>	<b>W. E. F 13/07/2020</b>			
<b>Time→ /Day↓</b>	<b>10:10 – 11 :10</b>	<b>11:25-12:25</b>	<b>12:25-01:15</b>	<b>01:10– 02:10</b>	
<b>Monday</b>	IOM (PPJ)	CEM (VP)	LUNCH BREAK	CET II (TBM)	
<b>Tuesday</b>	CPT (SND)	IOM (PPJ)		MT I (VSM)	
<b>Wednesday</b>	MT I (VSM)	CET II (VP)		CPT (SND)	
<b>Thursday</b>	IOM (PPJ)	CEM (VP)		CEM (TBM)	
<b>Friday</b>	CPT (SND)	CEM (VP)		MT I (VSM)	
<b>Saturday</b>	CPT (SND)	CET II (VP)		MT I (VSM)	

Prof. T. B. Mahale  
Time Table Coordinator

Prof. Dr. V. S. Mane  
Head of Department

Prof. Dr. K. N. Nandurkar  
Principal

	<p style="text-align: center;"><b>K. K. Wagh Institute of Engineering Education and Research</b>  <u>Hirabai Haridas Vidyanagari, AmrutDham, Panchavati, Nashik-422003</u>  <b>Chemical Engineering Department</b></p>				
<b>Class</b>	<b>BE</b>	<b>TIME TABLE (ONLINE LECTURES)</b>			
<b>Semester</b>	<b>VII</b>	<b>BE Chemical Engineering</b>			
<b>Class Coordinator</b>	<b>Prof. T. B. Mahale</b>	<b>Academic Year 2020-21</b>			
<b>Co- Coordinator</b>	<b>Prof. G. B. Daware</b>	<b>W. E. F 13/07/2020</b>			
<b>Time→ /Day↓</b>	<b>10:10 – 11 :10</b>	<b>11:25-12:25</b>	<b>12:25-01:15</b>	<b>01:10– 02:10</b>	
<b>Monday</b>	(Elective I) ENV (VNM) PETRO (TBM)	CREII(SND)	LUNCH BREAK	(Elective II):CPS(ZKD) ASP (VSM)	
<b>Tuesday</b>	CED II(VNM)	PDC (SNJ)		PDC (GBD)	
<b>Wednesday</b>	(Elective I): ENV (VNM) PETRO (TBM)	CED II(PPJ)		(Elective II) CPS(PPJ) ASP (VSM)	
<b>Thursday</b>	CRE II (SND)	PDC(GBD)		(Elective II):CPS(ZKD) ASP (VSM)	
<b>Friday</b>	CED II(PPJ)	PDC (SNJ)		(Elective I) ENV (VNM) PETRO (TBM)	
<b>Saturday</b>	CRE II(VNM)	PDC (SNJ)		CED II(PPJ)	

Prof. T. B. Mahale  
Time Table Coordinator

Prof. Dr. V. S. Mane  
Head of Department

Prof. Dr. K. N. Nandurkar  
Principal

### 3. Time Table of Production Engineering:

**K. K. Wagh Institute of Engineering Education & Research**

**Department of Production Engineering**

**Semester - I Time-Table (2020-21)**

WEF.

<b>S. E. Production</b>		CC - Prof. V. S. Gaikwad										
Day/ Time	10.10 - 11.05	11.05 - 12.00	12.00 - 12.45	12.45 - 1.40	1.40 - 2.35	2.35 - 2.50	2.50 - 3.45	3.45 - 4.40				
Mon	SOM (VSG)	MS (NBG)	R	MPI (SBG)	M III (MJK)	R	S1-SOM(VSG), S2 - MS (NBG), S3 - MPI (SBG)					
Tue	S1-CG (ADM), S2 - MPI (SBG), S3-MS (NBG)		E	MIII Tut	MS (NBG)	E	MPI (SBG)					
Wed	M III (MJK)	HFE (NSW)	C	S1- MPI (SBG), S2-MD (SBS), S3 -HFE (NSW)		C	LIBRARY / MAKE UP CLASS					
Thu	HFE (NSW)	MPI (SBG)	E	SOM (VSG)	M III (MJK)	E	S1 - MD (NBG) , S2 - CG (ADM), S3-SOM (VSG)					
Fri	MS (NBG)	HFE (NSW)	S	MIII Tut	SOM (VSG)	S	S1 - MS (NBG), S2 -HFE (NSW) , S3 -CG (ADM)					
Sat	S1 - HFE (NSW), S2-SOM(VSG), S3 - MD (PPJ)		S	LIBRARY / MAKE UP CLASS		S	Student Activity					
<b>Subjects</b>		<b>Staff</b>										
1. SOM - Strength of Materials		1. PJP -Dr. P. J. Pawar										
2. MPI- Manufacturing Processes		2. SRG-Dr. S. R. Gangurde										
3. MS - Material Science		3. NBG-Dr. N. B. Gurule										
4. M- III - Engineering Mathematics - III		4. SBG-S. B. Gunjal										
5. HFE - Heat and Fluid Engineering		4. MYK-M. Y. Khalkar										
6. MDCG - Machine Drawing and Computer Graphics		5. VSG - V. S. Gaikwad										
		6. ADM - A. D. Mandlik										
		7. NSW - N. S. Wakchaure										
		8. MJK - Ms. M. J. Kshirsagar										

**K. K. Wagh Institute of Engineering Education & Research**

**Department of Production Engineering**

**Semester - I Time-Table (2020-21)**

<b>T. E. Production</b>		CC - Prof S. B. Gunjal										
Day/ Time	10.10 - 11.05	11.05 - 12.00	12.00 - 12.45	12.45 - 1.40	1.40 - 2.35	2.35 - 2.50	2.50 - 3.45	3.45 - 4.40				
Mon	IEM (SRG)	CTE (SBG)	R	KMM (MYK)	MQA (NSW)	R	T1 - MQA (NSW), T2 - MF (SRG)					
Tue	MQA (NSW)	MF (SRG)	E	T2 - MQA (NSW) T3 - CTE (SBG)		E	LIBRARY / MAKE UP CLASS					
Wed	MF (SRG)	IEM (KNN)	C	CTE (SBG)	KMM (MYK)	C	T1- KMM (MYK), T2 - PP I (SRG), T3 - MQA (NSW),					
Thu	KMM (MYK)	IEM (KNN)	E	MF (SRG)	CTE (SBG)	E	T1 - PP I (SBS), T2 - KMM (MYK), T3 - MF (SRG)					
Fri	MQA (NSW)	KMM (MYK)	S	T1 - MF (SRG), T2 - CTE (SBG), T3-KMM(MYK),		S	IEM (SRG)					
Sat	CTE (SBG)	MF (SRG)	S	T1 - CTE (SBG), T3 - PP I (SBS)		S	Student Activity					
<b>Subjects</b>		<b>Staff</b>										
1. MF - Material Forming		1. KNN - Dr. K. N. Nandurkar										
2. M QA - Metrology and Quality Assurance		2. SRG - Dr. S. R. Gangurde										
3. IEM -Industrial Engineering and Management		3. SBG - S. B. Gunjal										
4. KMM - Kinematics of Manufacturing Machines		4. MYK - M. Y. Khalkar										
5. CTE - Cutting Tool Engineering		5. NSW - N. S. Wakchaure										
6. PP-i - Production Practice-i		6. SBS - S. B. Sangle										

**K. K. Wagh Institute of Engineering Education & Research**  
**Department of Production Engineering**  
**Semester - I Time-Table (2020-21)**

WEF.										
<b>B. E. Production</b>		CC - Prof. A. D. Mandlik								
Day/ Time	10.10 - 11.05	11.05 - 12.00	12.00 - 12.45	12.45 - 1.40	1.40 - 2.35	2.35 - 2.50	2.50 - 3.45	3.45 - 4.40		
Mon	PROJECT			PROJECT		R	PROJECT			
Tue	MTD (VSG)	OR (SBS)	E	EII (MYK / NBG)	EI (ADM)	E	B1 - OR (SBS), B2 - ACE (PJP), B3 - E I (ADM), B4 - MTD (MYK)			
Wed	OR (SBS)	ACE (PJP)		EI (ADM)	MTD (VSG)		B1 - MTD (VSG), B2 - OR (SBS), B3 - ACE (PJP), B4 - E I (ADM)			
Thu	B1 - E I (ADM), B2 - MTD (VSG), B3 - OR (SBS), B4-ACE (PJP)		E	OR (SBS)	EII (MYK / NBG)	E	LIBRARY / MAKE UP CLASS			
Fri	B1 - ACE (PJP), B2 - E I (ADM), B3 - MTD (VSG), B4 - OR (SBS)		S	ACE (PJP)	OR (SBS)	S	LIBRARY / MAKE UP CLASS			
Sat	EII (MYK / NBG)	EI (ADM)	S	MTD (VSG)	ACE (PJP)	S	Student Activity			
<b>Subjects</b>			<b>Staff</b>							
1. ACE - Automation and Control Engineering			1. PJP - Dr. P. J. Pawar							
2. MTD - Machine Tool Design			2. NBG-Dr. N. B. Gurule							
3. OR - Operations Research			3. MYK-M. Y. Khalkar							
4. E-I - Elective - I (FMC)			4. VSG - V. S. Gaikwad							
5. E-II - Elective - II (AW)			5. ADM - A. D. Mandlik							
			6. SBS - S. B. Sangle							

#### 4. Time Table of Electrical Engineering:

Day	1		2		3		4		5		6	
	Time :-	08:00 am 08:55 am	08:55 am 09:50 am	R	10:10 am 11:05 am	R	11:05 am 12:00 pm	R	01:00 pm 01:55 pm	R	01:55 pm 02:50 pm	R
MONDAY	EMI (2019)-TH SK3 A101	PGT (2019)-TH MRR A101	R	EMIII(2019)-TH PGS A101	AMEE (2019)-PR NNJ A101	R						
TUESDAY	MS (2019)-PR SK3 A101	ADE (2019)-TH NNJ A101	R	MS (2019)-TH NNJ A101		R						
WEDNESDAY	EMI (2019)-TH SK3 A101	EMIII(2019)-TH PGS A101	R	ADE (2019)-TH NNJ A101		R						
THURSDAY	PGT (2019)-TH MRR A101	ADE (2019)-TH NNJ A101	R	EMI (2019)-TH SK3 A101	EMI (2019)-PR RAA A101	R						
FRIDAY	MS (2019)-TH GNL A101	ADE (2019)-PR NNJ A101	R	EMIII(2019)-TH PGS A101		R						
SATURDAY	MS (2019)-TH GNL A101	PGT (2019)-TH MRR A101	R	EMI (2019)-PR MRR A101	MS (2019)-PR GNL A101	R						

Sr No	Subject Code	Type	Subject	Faculty
1	MS (2019)	THEORY	Material Science (2019)	Prof Mrs. G.N.Lalitha
2	MS (2019)	PRACTICAL	Material Science (2019)	Prof Mrs. G.N.Lalitha
3	EMIII(2019)	THEORY	Engineering Mathematics-III	Prof P.G.Sahir
4	PGT (2019)	THEORY	Power Generation Technology (2019)	Prof M.R.Rade
5	ADE (2019)	THEORY	Analog and Digital Electronics (2019)	Prof Mrs. N.N.Jangle
6	ADE (2019)	PRACTICAL	Analog and Digital Electronics (2019)	Prof Mrs. N.N.Jangle
7	EMI (2019)	THEORY	Electrical Measurement and Instrumentation (2019)	Prof S.K.Shinde
8	EMI (2019)	PRACTICAL	Electrical Measurement and Instrumentation (2019)	Prof R.A.Ahire, Prof M.R.Rade
9	AMEE (2019)	PRACTICAL	Application of Mathematics in Electrical Engineering (2019)	Prof Mrs. N.N.Jangle

Day	1	2	R	3	4	R	5	6	8
Time :-	10:00 am 11:05 am	11:05 am 12:00 pm	R	01:00 pm 01:55 pm	01:55 pm 02:50 pm	R	03:10 pm 04:05 pm	04:05 pm 05:00 pm	
MONDAY			R	MG (2019)-PR RSM A102	EMIII(2019)-TH RSM A102	R	EMI (2019)-TH AMG A102	AMEE (2019)-PR GNJ A102	
TUESDAY			R	EMIII(2019)-TH RSM A102	PGT (2019)-TH JAM A102	R	MG (2019)-TH RSM A102		
WEDNESDAY			R	MG (2019)-TH RSM A102	EMIII(2019)-TH RSM A102	R	ADE (2019)-TH GNJ A102		
THURSDAY			R	ADE (2019)-TH GNJ A102	MG (2019)-TH RSM A102	R	EMI (2019)-TH AMG A102	EMI (2019)-PR AMG A102	
FRIDAY			R	EMI (2019)-PR AMG A102	PGT (2019)-TH JAM A102	R	ADE (2019)-TH GNJ A102		
SATURDAY			R	EMI (2019)-TH AMG A102	PGT (2019)-TH JAM A102	R	ADE (2019)-PR GNJ A102	MG (2019)-PR RSM A102	

Sr No	Subject Code	Type	Subject	Faculty
1	MG (2019)	THEORY	Material Science (2019)	Prof R.G.Mane
2	MG (2019)	PRACTICAL	Material Science (2019)	Prof R.G.Mane
3	EMIII(2019)	THEORY	Engineering Mathematics-III	Prof R.S.Unhale
4	PGT (2019)	THEORY	Power Generation Technology (2019)	Prof J.A.Mane
5	ADE (2019)	THEORY	Analog and Digital Electronics (2019)	Prof G.N.Jadhav
6	ADE (2019)	PRACTICAL	Analog and Digital Electronics (2019)	Prof G.N.Jadhav
7	EMI (2019)	THEORY	Electrical Measurement and Instrumentation (2019)	Prof A.M.Shewale
8	EMI (2019)	PRACTICAL	Electrical Measurement and Instrumentation (2019)	Prof A.M.Shewale
9	AMEE (2019)	PRACTICAL	Application of Mathematics in Electrical Engineering (2019)	Prof G.N.Jadhav

Day	1	2	R	3	4	R	5	6	8
Time :-	08:00 am 08:55 am	08:55 am 09:50 am	R	10:10 am 11:05 am	11:05 am 12:00 pm	R	01:00 pm 01:55 pm	01:55 pm 02:50 pm	
MONDAY	EM-II (2015)-TH SSD A202	AMCA(2015)-TH PVG A202	R	PE (2015)-TH BVD A202	PE (2015)-PR BVD A202	R	AMCA(2015)-PR PVG A202		
TUESDAY	PE (2015)-TH BVD A202	AMCA(2015)-TH PVG A202	R	EM-II (2015)-TH SSD A202		R			
WEDNESDAY	ITM (2015)-TH SAB A202	EIMT (2015)-TH RAA A202	R	PE (2015)-TH BVD A202	EM-II (2015)-PR SSD A202	R	EIMT (2015)-PR RAA A202		
THURSDAY	ITM (2015)-TH SAB A202	PE (2015)-TH BVD A202	R	AMCA(2015)-TH PVG A202		R			
FRIDAY	EM-II (2015)-TH SSD A202	EIMT (2015)-TH RAA A202	R	AMCA(2015)-TH PVG A202		R			
SATURDAY	EIMT (2015)-TH RAA A202	EM-II (2015)-TH SSD A202	R	ITM (2015)-TH SAB A202		R			

Sr No	Subject Code	Type	Subject	Faculty
1	PE (2015)	THEORY	Power Electronics (2015 course)	Prof B.V.Deshmukh
2	PE (2015)	PRACTICAL	Power Electronics (2015 course)	Prof B.V.Deshmukh
3	EM-II (2015)	THEORY	Electrical Machines II (2015 course)	Prof S.S.Dhamal
4	EM-II (2015)	PRACTICAL	Electrical Machines II (2015 course)	Prof S.S.Dhamal
5	ITM (2015)	THEORY	Industrial and Technology Management (2015 course)	Prof S.A.Sagare
6	AMCA(2015)	THEORY	Advance Microcontroller and Its Applications(2015 course)	Prof P.V.Gautam
7	AMCA(2015)	PRACTICAL	Advance Microcontroller and Its Applications(2015 course)	Prof P.V.Gautam
8	EIMT (2015)	THEORY	Electrical Installation Maintenance and Testing(2015 course)	Prof R.A.Ahire
9	EIMT (2015)	PRACTICAL	Electrical Installation Maintenance and Testing(2015 course)	Prof R.A.Ahire

**Time Table Course Year Wise(With Subject Code) - Centre : K. K. Wagh Institute of Engineering Education & Research , Section : TE-ELEC-2nd SHIFT 2020-21(ODD)**

Day	1	2	R	3	4	R	5	6	7
Time :-	10:10 am 11:05 am	11:05 am 12:00 pm	R	01:00 pm 01:55 pm	01:55 pm 02:50 pm	R	03:10 pm 04:05 pm	04:05 pm 05:00 pm	
MONDAY			R	EM-II (2015)-TH JDP A202	PE (2015)-TH R.K A202	R	AMCA(2015)-TH JAM A202		
TUESDAY			R	AMCA(2015)-PR JAM A202	PE (2015)-TH R.K A202	R	EM-II (2015)-TH JDP A202	PE (2015)-PR R.K A202	
WEDNESDAY			R	PE (2015)-TH R.K A202	EIMT (2015)-TH ONB A202	R	ITM (2015)-TH JPS A202		
THURSDAY			R	EIMT (2015)-TH ONB A202	ITM (2015)-TH R.K A202	R	EIMT (2015)-PR ONB A202	EM-II (2015)-PR JDP A202	
FRIDAY			R	EM-II (2015)-TH JDP A202	EIMT (2015)-TH ONB A202	R	AMCA(2015)-TH JAM A202		
SATURDAY			R	AMCA(2015)-TH JAM A202	EM-II (2015)-TH JDP A202	R	ITM (2015)-TH JPS A202		

Sr No	Subject Code	Type	Subject	Faculty
1	PE (2015)	THEORY	Power Electronics (2015 course)	Prof R...Kumari
2	PE (2015)	PRACTICAL	Power Electronics (2015 course)	Prof R...Kumari
3	EM-II (2015)	THEORY	Electrical Machines II (2015 course)	Prof J.D.Patil
4	EM-II (2015)	PRACTICAL	Electrical Machines II (2015 course)	Prof J.D.Patil
5	ITM (2015)	THEORY	Industrial and Technology Management (2015 course)	Prof J.P.Ghosh
6	AMCA(2015)	THEORY	Advance Microcontroller and Its Applications(2015 course)	Prof J.A.Mane
7	AMCA(2015)	PRACTICAL	Advance Microcontroller and Its Applications(2015 course)	Prof J.A.Mane
8	EIMT (2015)	THEORY	Electrical Installation Maintenance and Testing(2015 course)	Prof O.N.Buwa
9	EIMT (2015)	PRACTICAL	Electrical Installation Maintenance and Testing(2015 course)	Prof O.N.Buwa

**Time Table Course Year Wise(With Subject Code) - Centre : K. K. Wagh Institute of Engineering Education & Research , Section : BE-ELEC-1st SHIFT 2020-21(ODD)**

Day	1	2	R	3	4	R	5	6	7
Time :-	08:00 am 08:55 am	08:55 am 09:50 am	R	10:10 am 11:05 am	11:05 am 12:00 pm	R	01:00 pm 01:55 pm	01:55 pm 02:50 pm	
MONDAY	CG-II (15)-TH GSK A201		R			R			
TUESDAY	EHV(15)-TH JPS A201	PQ (15)-TH GK3 A201	R	PSOC(15)-TH MRR A201		R			
WEDNESDAY	PSOC(15)-TH MRR A201	EHV(15)-TH JPS A201	R	PLC(15)-TH PVG A201	PLC(15)-PR BVD A201	R	PSOC(15)-PR MRR A201		
THURSDAY	PLC(15)-TH PVG A201	CG-II (15)-TH GSK A201	R	EHV(15)-TH JPS A201	CG-II (15)-PR GSK A201	R	PQ (15)-PR GK3 A201		
FRIDAY	PLC(15)-TH PVG A201	PQ (15)-TH GK3 A201	R	PSOC(15)-TH MRR A201		R			
SATURDAY	PLC(15)-TH PVG A201	CG-II (15)-TH GSK A201	R	PQ (15)-TH GK3 A201		R			

Sr No	Subject Code	Type	Subject	Faculty
1	PQ (15)	THEORY	Power Quality (2015)	Prof S.K.Shinde
2	PQ (15)	PRACTICAL	Power Quality (2015)	Prof S.K.Shinde
3	CG-II (15)	THEORY	Control System-II (2015)	Prof S.S.Khalimar
4	CG-II (15)	PRACTICAL	Control System-II (2015)	Prof S.S.Khalimar
5	PLC(15)	THEORY	PLC and SCADA Applications (2015)	Prof P.V.Gautam
6	PLC(15)	PRACTICAL	PLC and SCADA Applications (2015)	Prof P.V.Gautam, Prof B.V.Deshmukh
7	EHV(15)	THEORY	Electric and Hybrid Vehicle (2015)	Prof J.P.Ghosh
8	PSOC(15)	THEORY	Power System Operation and Control (2015)	Prof M.R.Rade
9	PSOC(15)	PRACTICAL	Power System Operation and Control (2015)	Prof M.R.Rade

**Time Table Course Year Wise(With Subject Code) - Centre : K. K. Wagh Institute of Engineering Education & Research , Section : BE-ELEC-2nd SHIFT 2020-21(ODD)**

Day	1	2	R	3	4	R	5	6	8
Time :-	10:10 am 11:06 am	11:06 am 12:00 pm	R	01:00 pm 01:56 pm	01:56 pm 02:50 pm	R	03:10 pm 04:06 pm	04:06 pm 06:00 pm	
MONDAY			R	PLC(15)-TH AMB A202		R			
TUESDAY		PSOC(15)-PR R.K A202	R	EHV(15)-TH JPB A202	PLC(15)-TH AMB A202	R	PSOC(15)-TH ONB A202	PLC(15)-PR AMB A202	
WEDNESDAY			R	PSOC(15)-TH ONB A202	EHV(15)-TH JPB A202	R	PLC(15)-TH AMB A202		
THURSDAY		CS-II (15)-TH RKM A202	R	CS-II (15)-TH RKM A202	PQ (15)-TH TND A202	R	EHV(15)-TH JPB A202	PQ (15)-PR TND A202	
FRIDAY			R	CS-II (15)-TH RKM A202	PQ (15)-TH TND A202	R	PSOC(15)-TH ONB A202		
SATURDAY			R	CS-II (15)-TH RKM A202	PQ (15)-TH TND A202	R	PLC(15)-TH AMB A202		

Sr No	Subject Code	Type	Subject		Faculty		
1	PQ (15)	THEORY	Power Quality (2015)		Prof T.N.Date		
2	PQ (15)	PRACTICAL	Power Quality (2015)		Prof T.N.Date		
3	CS-II (15)	THEORY	Control System-II (2015)		Prof R.K.Munje		
4	PLC(15)	THEORY	PLC and SCADA Applications (2015)		Prof A.M.Ghewale		
5	PLC(15)	PRACTICAL	PLC and SCADA Applications (2015)		Prof A.M.Ghewale		
6	EHV(15)	THEORY	Electric and Hybrid Vehicle (2015)		Prof J.P.Ghosh		
7	PSOC(15)	THEORY	Power System Operation and Control (2015)		Prof O.N.Buwa		
8	PSOC(15)	PRACTICAL	Power System Operation and Control (2015)		Prof R...Kumari, Prof O.N.Buwa		

**Time Table Course Year Wise(With Subject Code) - Centre : K. K. Wagh Institute of Engineering Education & Research , Section : 8Y-ME-ELEC(P8) 2020-21(ODD)**

Day	1	2	R	3	4	R	5	6	8
Time :-	10:10 am 11:06 am	11:06 am 12:00 pm	R	01:00 pm 01:56 pm	01:56 pm 02:50 pm	R	03:10 pm 04:06 pm	04:06 pm 06:00 pm	
MONDAY	PQAM (2017)-TH TND 105	PQAM (2017)-TH TND 105	R			R			
TUESDAY	PQAM (2017)-TH TND 105	PQAM (2017)-TH TND 105	R			R			
WEDNESDAY			R		RE (2017)-TH MPT 105	R	RE (2017)-TH MPT 105		
THURSDAY			R	RE (2017)-TH MPT 105	RE (2017)-TH MPT 105	R	GBO (2017)-TH MPT 105		
FRIDAY			R		APSP (2017)-TH MPT 105	R	APSP (2017)-TH MPT 105		
SATURDAY			R		APSP (2017)-TH MPT 105	R	APSP (2017)-TH MPT 105		

Sr No	Subject Code	Type	Subject		Faculty		
1	RE (2017)	THEORY	Renewable Energy (2017)		Prof M.P.Thakre		
2	GBO (2017)	THEORY	Green Building Design (2017)		Prof M.P.Thakre		
3	APSP (2017)	THEORY	Advanced Power System Protection (2017)		Prof M.P.Thakre		
4	PQAM (2017)	THEORY	Power Quality Assessment and Mitigation (2017)		Prof T.N.Date		

## 5. Time Table of Electronics & Telecommunication Engineering:

**K. K. Wagh Institute of Engineering Education and Research, Nashik**  
**Department of Electronics and Telecommunication Engineering**  
**Online Lecture Time Table-AY 2020-21**

**SE E&TC**

		<b>10.00 to 10.55 am</b>	<b>11.00 to 11.55 am</b>	<b>12 to 12.55 pm</b>	<b>1.00 to 2.00 pm</b>	<b>2.00-4.00 pm</b>
Monday	Electronics Circuits (RVC)	M-3	DS (VRL)	R E C E S S	DC-Pr (SVS)	
Tuesday	Electrical circuits (DMC)	M-3	DC (SVS)		DS-Pr (VRL)	
Wednesday	Electronics Circuits (RVC)	M-3	DS (VRL)		Electrical circuits-Pr (JRS)	
Thursday	Electrical circuits (DMC)	M-3	DC (SVS)		Electronics Circuits-Pr(SAK)	
Friday	Electronics Circuits (RVC)	ESD-Pr (MPJ)	DS (VRL)			
Saturday	Electrical circuits (DMC)	ESD-Pr(PJM)	DC (SVS)			

**SE Electronics**

	<b>10.00 to 10.55 am</b>	<b>11.00 to 11.55 am</b>	<b>12 to 12.55</b>	<b>1.00 to 2.0 0 pm</b>	<b>2.00-4.00 pm</b>

	Monday	DS (KSN)	M-3	DC (RRK)	R E C E S S	Electrical circuits-Pr (JRS)	
	Tuesday	Electronics Circuits (SSA)	M-3	Electric al circuits (DMC)		DS-Pr (KSN)	
	Wednesday	DS (KSN)	M-3	DC (RRK)		DC-Pr (KNK/PP P)	
	Thursday	Electronics Circuits (SSA)	M-3	Electric al circuits (DMC)		Electronics Circuits-Pr (SSA)	
	Friday	DS (KSN)	ESD-r(VST)	DC (RRK)			
	Saturday	Electronics Circuits (SSA)	ESD-r (VST)	Electri cal circuit s (DMC )			

#### TE E&TC

	<b>10.00 to 10.55 a m</b>	<b>11.0 0 to 11.5 5 am</b>	<b>12 to 12.55</b>	<b>1.0 0 to 2.0 0 pm</b>	<b>2.00- 4.00 pm</b>
	Monday	DCom (DCS)	DSP (SSB)	ESD (SVS)	R E C E S S
	Tuesday	DCom (DCS)	MC (DMC )	Mechatronics (PJM)	

	Wednesday	DCom (DCS)	DSP (SSB)	Electromagnetism (SSM)		Mechatronics-Pr (PJM)	
	Thursday	Electromagnetism (SSM)	MC (DMC)	Mechatronics (PJM)		DCom-Pr (DCS)	
	Friday	ESD (DMC)	DS (SSB)	Electromagnetism (SSM)-T			
	Saturday	Electromagnetism (SSM)	MC (DMC)	Mechatronics (PJM)		DSP-Pr (SSB)	

### TE Electronics

	10.00 to 10.55 am	11.00 to11.55 am	12 to 12.55	1.00 to2.00 pm	2.00-4.00 pm	
Monday	MCA (MPS)	EMWP (SSD)	ESDP (DDK/ SSA)	R E C E S S	Data Comm- pr(PPP)	
Tuesday	PE&A (VST)	IS (NMB)	Data Comm (PPP)		IS-Pr (NMB)	
Wednesday	MCA (MPS)	EMWP (SSD)	ESDP (DDK)		PE&A- Pr (VST)	
Thursday	PE&A (VST)	IS (NMB)	Data Comm (PPP)		MCA-Pr (MPS)	
Friday	MCA (MPS)	EMWP (SSD)	EMWP (SSD)-T			

	Saturday	PE&A (VST)	IS (NMB)	Data Comm (PPP)			
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### BE E&TC

	10.00 to 10.55 am	11.00 to 11.55 am	12 to 12.55	1.00 to 2.00 pm	2.00- 4.00 pm
Monday	Elective II: AI (SAK)	VLSI (SAP)	CN (RVC )	R E C E S S	RMT-Pr (JRS)
Tuesday	Elective II: AI (SAK)	Elective I: IoT (MPJ) DI&VP (SSM/SS B)	RMT (JRS)		Elective I-Pr DI&VP: SSM/SS B IoT:MP J
Wednesday	Elective II: AI (SAK)	VLSI (SAP)	CN (RVC )		VLSI-Pr (SAP)
Thursday	Elective II: EPD (DCS/SA K)	Elective I: IoT (MPJ) DI&VP (SSM/SS B)	RMT (JRS)		CN-Pr (RVC)
Friday	Elective II: EPD (DCS/ SAK)	VLSI (SAP)	CN (RVC )		
Saturday	Elective II: EPD (DCS/SA K)	Elective I: IoT (MPJ) DI&VP (SSM/SS B)	RMT (JRS)		

### BE Electronics

	<b>10.00 to 10.55 am</b>	<b>11.00 to 11.55 am</b>	<b>12 to 12.55</b>	<b>1.00 to 2.00 pm</b>	<b>2.00- 4.00 pm</b>
Monday	ESD (RRK)	Elective- I: IoT (DD K)	APE (KSN )	R E C E S S	VLSI Design - Pr(KN K)
Tuesday	VLSI Design (KNK)	Elective II: BM (KSH)	Electi ve I: IoT (DDK )		APE- Pr (KSN)
Wednesday	ESD (RRK)	ElectiveI : IoT (DD K)	APE (KSN )		Electiv e I: IoT-Pr (DDK)
Thursday	VLSI Design (KNK)	Elective II: BM (KSH)	APE (KSN )		ESD- Pr (RRK)
Friday	ESD (RRK)	APE (KSN)			
Saturday	VLSI Design (KNK)	Elective- II: BM (KSH)			

## 6. Time Table of Electronics Engineering:

Sr	Name	Subject	Lo ad	Subject	L oa d	Sub ject	Loa d	Tot al Lo ad
1.	DMC	Microco ntroller	3+ 4	Electronic System Design Electrical Circuits	2  3 + 3	UG Proj ect PG Proj ect +Se min ar	2+2+ 2+1	2 2
2.	PDB	FE- BXE- 1	3					3
3.	SSM	Electr omag netics	3 + 4( T)	Elec tive I: E&RTO S	3 + 2	UG Proj ect PG Project +Semi nar	2 2+1	1 7
4.	SSB	DSP	3+ 8	Elective-I: DI&VP	3 + 2	UG Proj ect	2	1 8
5.	SPU	VLSI Design & Tech	3+ 8	Microcont roller (Pr)	4	UG Proj ect	2	1 7
6.	MPJ	Elective- I: IoT	3+ 8	Electronic Skill Deve	4	UG Proj ect	2	1 7
7.	VRL	Data Struct ures	3 + 8	FE- BXE-1	6	UG Proj ect	1	1 8

8.	DCS	DCom	3 + 8	Elective-II:EPD	3	UG roje ct	1	1 5
9.	RVC	CN&S	4 + 8	Electron ic circuits	4	UG Proj ect	1	1 7
10.	SCS	Elect-2: AI	3	Electron ic circuits	8	LL( T)	4	1 5
11.	SVS	Digital circuits	3 + 8	Electron ics system design (Pr)	4			1 5
13.	AHD	FE- BXE-2	3 + 6	FE- BX E-3	3 + 6			1 8
14.	PJM	Mechatr onics	3 + 8	Elective II:MC(2n d)	3	Electron ic Skill Deve	4	1 8
15.	SAZ	FE- BXE- 4	3 + 6	FE- BX E-5	3 + 6			1 8
16.	JRS	Radiatio n &Micro wave Tech.	3 + 8	Electrical Circuits (2)-Pr	6 + 4	10		2 1

### Second shift

Sr	Name	Subject	Lo ad	Subject	Lo ad	Sub ject	L o a d	Total Load

1.	MRA	MCA	3+ 6	Elect-II: DSPT MS320 C67X	3	UG Proj ect	2	14
2.	KSH	Elect-II:BME	3	FE-BXE-6	3+ 6	UG Proj ect	2	14
3.	RRK	ESD <sub>BE</sub> ( 2)	3+ 8	Digital Circuits (2)	4	UG Proj ect	2	17
4.	KNK	VLSI Design( 2)	3+ 8	Digital Circuits(2)- Pr	4	UG Proj ect	2	17
5.	SSA	Electro nicCirc uits(2)	4+ 8	ESD (Pr) (TE)	4	UG Proj ect	1	17
6.	NMB	Instrum entation System	3+ 8	FE-BXE-7	6	UG Proj ect	1	18
7.	KSN	Advan ced Power Electro nics	4+ 6	Data structures	3+ 6	UG Proj ect	1	18
8.	PPP	Data Comm	3+ 6	FE-BXE-7	3	Digit al Circu its(2) - Pr	4	16
9.	SSD	EMWP	3+4 (T)	FE-BXE-8	3+ 6			16

10.	DDK	Elect I: Embed ded System &RTO S	3+ 6	ESD (Pr) (TE)	2+ 4	LL( T)	18 3
11.	VST	Power Electro nics&A ppl	3+ 6	Electronic skill development (SE)	8		17

## **7. Time Table of Mechanical Engineering:**

Mechanical Engineering Department (wef 03/08/2020)				
AY 2020-21		SEM-I	Time-Table for Online Lectures (Shift I and II)	
Day	Time	Class & Division		
		SE (A+B+C)	TE (A+B+C)	BE (A+B+C)
Monday	10.10 am to 11.10 am	Solid Modeling and Drafting	Design of Machine Elements-I	Dynamics of Machinery
	11.15 am to 12.15 pm	Engineering Materials and Metallurgy	Heat Transfer	CAD-CAM Automation
	12.45 pm to 1.45 pm	Solid Mechanics	Turbo Machines	Hydraulics and Pneumatics
Tuesday	10.10 am to 11.10 am	Solid Mechanics	Design of Machine Elements-I	CAD-CAM Automation
	11.15 am to 12.15 pm	Engineering Thermodynamics	Turbo Machines	Finite Element Analysis
	12.45 pm to 1.45 pm	Solid Modeling and Drafting	Metrology and Quality Control	Energy Audit and Management / Automobile Engineering
Wednesday	10.10 am to 11.10 am	Solid Mechanics	Design of Machine Elements-I	Hydraulics and Pneumatics
	11.15 am to 12.15 pm	Electrical and Electronics Engineering	Heat Transfer	CAD-CAM Automation
	12.45 pm to 1.45 pm	Engineering Thermodynamics	Turbo Machines	Dynamics of Machinery
Thursday	10.10 am to 11.10 am	Engineering Materials and Metallurgy	Heat Transfer	Hydraulics and Pneumatics
	11.15 am to 12.15 pm	Solid Mechanics	Theory of Machines-II	Dynamics of Machinery
	12.45 pm to 1.45 pm	Engineering Thermodynamics	Metrology and Quality Control	Finite Element Analysis
Friday	10.10 am to 11.10 am	Engineering Materials and Metallurgy	Design of Machine Elements-I	Finite Element Analysis
	11.15 am to 12.15 pm	Electrical and Electronics Engineering	Turbo Machines	Energy Audit and Management / Automobile Engineering
	12.45 pm to 1.45 pm	Engineering Thermodynamics	Theory of Machines-II	Dynamics of Machinery
Saturday	10.10 am to 11.10 am	Electrical and Electronics Engineering	Heat Transfer	PROJECT ACTIVITY
	11.15 am to 12.15 pm	Engineering Materials and Metallurgy	Theory of Machines-II	Energy Audit and Management / Automobile Engineering
	12.45 pm to 1.45 pm	Solid Modeling and Drafting	Metrology and Quality Control	

Prof.P.D.Ahire

Prof.M.P.Panchbhai

Prof.V.S.Patil Prof.M.N.Shelar

Prof M B Mungkar

### **Time-Table Coordinator (I Shift)**

Time-Table Coordinator (II Shift)

### **Academic Coordinators**

Head, Mechanical Engineering Department

## **8. Time Table of Information Technology:**

(w.e.f. 15<sup>th</sup> June 2019)

Time Table

Class	SEIT						TEIT						BEIT						
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	
Period	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	
Time	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	
Mon.	--	CO	DELD	PS/OOP	PL-A, DL-B OOPL-C	--	--	HCI	OS	SL-I-A SL-II-B	ELE-I	MLA	CL-VII-A CL-VIII-B	ICS	--				
Tues.	DS	DELD	FDS	PS/OOP	PL-B, DL-C OOPL-A	TOC	DBMS	SE&PM	OS	SL-I-B SL-II-C	ELE-II	MLA	CL-VII-B CL-VIII-C	SDM	ICS				
Wed.	CO	DS	FDS	PS/OOP	PL-C, DL-A OOPL-B	--	HCI	DBMS	TOC	SL-I-C SL-II-A	ELE-I	SDM	CL-VII-C CL-VIII-A	ICS	--				
Thur.	DS	DELD	FDS	PS/OOP	PL-A, CL-B	DBMS	TOC	SE&PM	OS	SL-I-A, SL-II-B SL-III-C	ELE-II	SDM	CL-VII-A CL-VIII-B	Project-C	Weekly Test of Subject				
Fri.	CO	DELD	Mentor Meeting	ITeron Activity	PL-B, CL-C	Weekly Test of Subject	HCI	Mentor Meeting	ITeron Activity	SL-I-B, SL-II-C SL-III-A	ELE-I	MLA	Mentor Meeting	ITeron Activity	CL-VII-B CL-VIII-C	Project-A			
Sat.	Weekly Test of Subject	DS	CO	FDS	PL-C, CL-A	TOC	DBMS	SE&PM	OS	SL-I-C, SL-II-A SL-III-B	ELE-II	MLA	CL-VII-C CL-VIII-A	Project-B	--				

Class Coordinator: Prof. U. K. Gaikwad

Class Coordinator: K.N.Somwanshi

Class Coordinator: Prof. P. B. Mahale

SEIT			TEIT						BEIT										
Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment					
DELD(4)	Dr. P. D. Bhamre	B 302	TOC(4)	Prof. S. R. Deshmukh	B 401	ICS(4)	Prof. P. R. Kadamb	B 402	ICS(4)	Prof. P. R. Kadamb	B 402	SD&M (3)	Prof. P. B. Mahale	B 402					
CA(4)	Prof. S. V. Purkar		DBMS(4)	Prof. S. P. Mene		SD&M (3)	Prof. P. B. Mahale		SD&M (3)	Prof. P. B. Mahale		M1&A (4)	Prof. R. M. Bora		M1&A (4)	Prof. R. M. Bora	M1&A (4)	Prof. R. M. Bora	
DS(4)	Prof. P. R. Kadamb		SE&PM(3)	Prof. Y. P. Shewale		M1&A (4)	Prof. R. M. Bora		M1&A (4)	Prof. R. M. Bora		OS(4)	Prof. R. M. Bora		OS(4)	Prof. R. M. Bora	OS(4)	Prof. R. M. Bora	
FDS(4)	Prof. S. R. Deshmukh		ELE-I (3)-WC	Prof. S. N. Chaudhari		ELE-I (3)-WC	Prof. S. N. Chaudhari		ELE-I (3)-WC	Prof. S. N. Chaudhari		ELE-I (3)-NLP	Prof. S. P. Mene		ELE-I (3)-NLP	Prof. S. P. Mene	ELE-I (3)-NLP	Prof. S. P. Mene	
PS/OOP(4)	Prof. U. K. Gaikwad		HCI(3)	Prof. K. N. Somwanshi		HCI(3)	Prof. K. N. Somwanshi		HCI(3)	Prof. K. N. Somwanshi		SL-L-DBMSL-12	SPM/YPSCS	B 402	SL-L-DBMSL-12	SPM/YPSCS	B 402	SL-L-DBMSL-12	SPM/YPSCS
DL(6)	SVP/SNC/ASA	HWL (B408)	PL-I	HWL (B408)		PL-II-B, HWL (B406-II)	HWL (B406-II)		PL-II-B, HWL (B406-II)	HWL (B406-II)		SL-II- OSL-12	RMB/KNS/RVU		SL-II- OSL-12	RMB/KNS/RVU		SL-II- OSL-12	RMB/KNS/RVU
PL(12)	SRD/SPP		PL-I	PL-I (B406-I)		SWI-II	SWI-II		SWI-II	SWI-II		SL-III-WT-06	UKG/HDA		SL-III-WT-06	UKG/HDA		SL-III-WT-06	UKG/HDA
CL(6)	SVP/SNC/ASA		Dept. Lib (403-I)	Dept. Lib (403-I)		B306-II	B306-II		B306-II	B306-II		PRJ-I-B308 I & II	PRJ-I-B308 I & II		PRJ-I-B308 I & II	PRJ-I-B308 I & II		PRJ-I-B308 I & II	PRJ-I-B308 I & II
OOPL(6)	UKG/HDA		SWL-1	SWL-1 (B306-I)		HWL (B408)	HWL (B408)		HWL (B408)	HWL (B408)		Principal	Principal		Principal	Principal		Principal	Principal

(w.e.f. 15<sup>th</sup> June 2019)

Time Table

Class	SEIT						TEIT						BEIT						
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6	
Period	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	
Time	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	
Mon.	--	CO	DELD	PS/OOP	PL-A, DL-B OOPL-C	--	--	HCI	OS	SL-I-A SL-II-B	ELE-I	MLA	CL-VII-A CL-VIII-B	ICS	--				
Tues.	DS	DELD	FDS	PS/OOP	PL-B, DL-C OOPL-A	TOC	DBMS	SE&PM	OS	SL-I-B SL-II-C	ELE-II	MLA	CL-VII-B CL-VIII-C	SDM	ICS				
Wed.	CO	DS	FDS	PS/OOP	PL-C, DL-A OOPL-B	--	HCI	DBMS	TOC	SL-I-C SL-II-A	ELE-I	SDM	CL-VII-C CL-VIII-A	ICS	--				
Thur.	DS	DELD	FDS	PS/OOP	PL-A, CL-B	DBMS	TOC	SE&PM	OS	SL-I-A, SL-II-B SL-III-C	ELE-II	SDM	CL-VII-A CL-VIII-B	Project-C	Weekly Test of Subject				
Fri.	CO	DELD	Mentor Meeting	ITeron Activity	PL-B, CL-C	Weekly Test of Subject	HCI	Mentor Meeting	ITeron Activity	SL-I-B, SL-II-C SL-III-A	ELE-I	MLA	Mentor Meeting	ITeron Activity	CL-VII-B CL-VIII-C	Project-A			
Sat.	Weekly Test of Subject	DS	CO	FDS	PL-C, CL-A	TOC	DBMS	SE&PM	OS	SL-I-C, SL-II-A SL-III-B	ELE-II	MLA	CL-VII-C CL-VIII-A	Project-B	--				

Class Coordinator: Prof. U. K. Gaikwad

Class Coordinator: K.N.Somwanshi

Class Coordinator: Prof. P. B. Mahale

SEIT			TEIT						BEIT										
Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment					
DELD(4)	Dr. P. D. Bhamre	B 302	TOC(4)	Prof. S. R. Deshmukh	B 401	ICS(4)	Prof. P. R. Kadamb	B 402	ICS(4)	Prof. P. R. Kadamb	B 402	SD&M (3)	Prof. P. B. Mahale	B 402	SD&M (3)	Prof. P. B. Mahale	B 402	SD&M (3)	Prof. P. B. Mahale
CA(4)	Prof. S. V. Purkar		DBMS(4)	Prof. S. P. Mene		SD&M (3)	Prof. P. B. Mahale		SD&M (3)	Prof. P. B. Mahale		M1&A (4)	Prof. R. M. Bora		M1&A (4)	Prof. R. M. Bora		M1&A (4)	Prof. R. M. Bora
DS(4)	Prof. P. R. Kadamb		SE&PM(3)	Prof. Y. P. Shewale		M1&A (4)	Prof. R. M. Bora		M1&A (4)	Prof. R. M. Bora		OS(4)	Prof. R. M. Bora		OS(4)	Prof. R. M. Bora		OS(4)	Prof. R. M. Bora
FDS(4)	Prof. S. R. Deshmukh		ELE-I (3)-WC	Prof. S. N. Chaudhari		OS(4)	Prof. S. N. Chaudhari		OS(4)	Prof. S. N. Chaudhari		ELE-I (3)-NLP	Prof. S. P. Mene		ELE-I (3)-NLP	Prof. S. P. Mene		ELE-I (3)-NLP	Prof. S. P. Mene
PS/OOP(4)	Prof. U. K. Gaikwad		HCI(3)	Prof. K. N. Somwanshi		ELE-I (3)-NLP	Prof. S. P. Mene		ELE-I (3)-NLP	Prof. S. P. Mene		SL-L-DBMSL-12	SPM/YPSCS	B 402	SL-L-DBMSL-12	SPM/YPSCS	B 402	SL-L-DBMSL-12	SPM/YPSCS
DL(6)	SVP/SNC/ASA	HWL (B408)	PL-I	HWL (B408)		PL-II-B, HWL (B406-II)	HWL (B406-II)		PL-II-B, HWL (B406-II)	HWL (B406-II)		SL-II- OSL-12	RMB/KNS/RVU		SL-II- OSL-12	RMB/KNS/RVU		SL-II- OSL-12	RMB/KNS/RVU
PL(12)	SRD/SPP		PL-I	PL-I (B406-I)		SWI-II	SWI-II		SWI-II	SWI-II		SL-III-WT-06	UKG/HDA		SL-III-WT-06	UKG/HDA		SL-III-WT-06	UKG/HDA
CL(6)	SVP/SNC/ASA		Dept. Lib (403-I)	Dept. Lib (403-I)		B306-II	B306-II		B306-II	B306-II		PRJ-I-B308 I & II	PRJ-I-B308 I & II		PRJ-I-B308 I & II	PRJ-I-B308 I & II		PRJ-I-B308 I & II	PRJ-I-B308 I & II
OOPL(6)	UKG/HDA		SWL-1	SWL-1 (B306-I)		HWL (B408)	HWL (B408)		HWL (B408)	HWL (B408)		Principal	Principal		Principal	Principal		Principal	Principal

K.K.Wagh Institute of Engineering Education & Research, Nashik

(w.e.f. 1<sup>st</sup> January 2020)

Class Period	SEIT						TEIT						BEIT					
	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Time	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45
Mon.	PIL-A DSFL-B	FCN	PAI	DSF	CG	DSBD	CNT	SP	DAA	SL-VIA SL-VB			DCS	ELE-IV	UC	ELE-III	CI-IX-A	
	PIL-B DSFL-C	M-III	FCN	DSF	CG	DSBD	CC	SP	DAA	SL-VIB SL-VC			DCS	ELE-IV	UC	ELE-III	CI-IX-B	
Wed.	PIL-C DSFL-A	M-III	FCN	PAI	CG	CNT	CC	SP	DAA	SL-IV-C SL-V-A Seminar-B			ELE-IV	Unit Test	UC	ELE-III	CI-IX-C	
	PIL-A DSFL-B CGL-C	M-III	FCN	PAI	DSF	DSBD	Seminar	SP	DAA	SL-V-A Seminar-C			DCS	Audit Course-6	CI-IX-A CL-X-B ELE-III-C	CI-IX-B CL-X-C		
Fri.	PIL-B DSFL-C CGL-A	Audit Course-2	M-III	Mentor Meeting	ITeron Activity	CNT	Audit Course- 4	SL-IV-B SL-V-C Seminar-A		Mentor Meeting	ITeron Activity		ELE-III-A (MT / IS/WPL / IOT)		CI-IX-C CL-X-A ELE-III-B	Mentor Meeting	ITeron Activity	
	PIL-C DSFL-A CGL-B	PAI	DSF	M-III (T)	Unit Test	DSBD	CC	SL-IV-A SL-V-B SL-V-C		Unit Test					PROJECT WORK			
Class Coordinator: Prof. S. N. Chaudhari						Class Coordinator: Prof. P. R. Mahale						Class Coordinator: Prof. S. R. Deshmukh						

Class Coordinator: Prof. P. B. Mahale

Class Coordinator: Prof. S. R. Deshmukh

SEIT			TEIT			BEIT		
Subject	H. S. Talajpure	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment
M-III (4+1T)	Prof. H. S. Talajpure		SP (4)	Prof. S. P. Mehta		DCS(3)	Prof. S. R. Deshmukh	
PAI (4)	Prof. S. N. Chaudhari		DS&BDA (4)	Prof. R. M. Bora		UC (3)	Prof. U. K. Gaikwad	
CG (3)	Prof. U. K. Gaikwad		DAA (4)	Prof. P. R. Kodam		ELE-III-IoT (3)	Prof. P. B. Mahale	
DSF (4)	Prof. K. N. Somwanshi	B 302	CNT (3)	Prof. S. V. Purkar		ELE-III-MT(3)	Prof. R. M. Bora	
FCN (4)	Prof. S. V. Purkar		CC (3)	Prof. P. B. Mahale		ELE-III -&WPL(3)	Prof. K. N. Somwanshi	
AC-2 (2)	Prof. S. N. Chaudhari		PBS Seminar(1)	Prof. Dr. P. D. Bhambhani		ELE-IV-SMA (3)	Prof. P. R. Kadam	
PIL(12)	SNC / ASA	HWL (B408)	AC-4 (2)	Prof. S. P. Mehta		AC-6 (2)	Prof. S. R. Deshmukh	
DSFL(12)	KNS / PRK / RVU	PL-I (B406-I)	SLV I (12)	SPM / RVU		CL-IX (12)	SRD / SPP	PRJ (B308)
CGI(06)	UKG / SPP	SWL I (B306-I)	SL-IV (6)	SVP / ASA	SWL I (B306-II)	CL-X (6)	UKG / SCS	SWL-I (B306-I)
			SL-VI (6)	RMB / ASA	SWL II (B306-II)	IoTL (6) / MTL (6)	PBM / HDA, RMB / SPP	HWL, PRJ
			Seminar(6)	SVP-C / PBM-A&B / HDA	HWL (B408)	I&WPL (6)	KNS / HDA	SWL-II, SWL-II
						Project	PDB/SVP-C/SPM/RMB/UKG SRD/SNC/KNS	PRJ (B309)

K. K. Wagh Institute of Engineering Education and Research, Nashik-3

(w.e.f. 6<sup>th</sup> January 2020)

Class	SEIT						TEIT						BEIT					
Period	1	2	3	4	5	6	1	2	3	4	5	6	1	2	3	4	5	6
Time	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45	10:10	11:05	12:45	01:40	02:50	03:45
Mon.	PIL-A DSFL-B	FCN	PAI	DSF	CG	DSBD	CNT	SP	DAA	SL-V-A SL-V-B		DCS	ELE-IV	UC	ELE-III		CI-IX-A	
Tues.	PIL-B DSFL-C	M-III	FCN	DSF	CG	DSBD	CC	SP	DAA	SL-V-B SL-V-C		DCS	ELE-IV	UC	ELE-III		CI-IX-B	
Wed.	PIL-C DSFL-A	M-III	FCN	PAI	CG	CNT	CC	SP	DAA	SL-I-V-C SL-V-A Seminar-B		ELE-IV	Unit Test	UC	ELE-III		CI-IX-C	
Thur.	PIL-A DSFL-B CGL-C	M-III	FCN	PAI	DSF	DSBD	Seminar	SP	DAA	SL-V-A Seminar-C		DCS	Audit Course-6		CI-IX-A CL-X-B ELE-III-C		CI-IX-B CL-X-C	
Fri.	PIL-B DSFL-C CGL-A	Audit Course-2	M-III	Mentor Meeting	ITeron Activity	CNT	Audit Course- 4	SL-I-V-B SL-V-C Seminar-A		Mentor Meeting	ITeron Activity		ELE-III-A (MT / I&WPL / IOT)		CI-IX-C CL-X-A ELE-III-B	Mentor Meeting	ITeron Activity	
Sat.	PIL-C DSFL-A CGL-B	PAI	DSF	M-III (T)	Unit Test	DSBD	CC	SL-I-V-A SL-V-B SL-V-C		Unit Test				PROJECT WORK				
	Class Coordinator: Prof. S. N. Chaudhari						Class Coordinator: Prof. P. B. Mahale						Class Coordinator: Prof. S. R. Deshmukh					

SL-VI-C

SEIT			TEIT			BEIT		
Subject	H. S. Tajanpure	Room Allotment	Subject	Name of staff	Room Allotment	Subject	Name of staff	Room Allotment
M-III (4+1T)	Prof. H. S. Tajanpure	B 302	SP (4)	Prof. S. P. Mene	B 401	DCS(3)	Prof. S. R. Deshmukh	B 402
PAI (4)	Prof. S. N. Chaudhari		DS&BDA (4)	Prof. R. M. Bora		UC (3)	Prof. U. K. Gaikwad	
CG (3)	Prof. U. K. Gaikwad		D/A(4)	Prof. P. R. Kodam		ELE-III- IoT (3)	Prof. P. B. Mahale	
DSF (4)	Prof. K. N. Sonawanshi		CNT (3)	Prof. S. V. Purkar		ELE-III- MT3(3)	Prof. R. M. Bora	
FCN (4)	Prof. S. V. Purkar		CC (3)	Prof. P. B. Mahale		ELE-III- I&WPL(3)	Prof. K. N. Sonawanshi	
AC-2 (2)	Prof. S. N. Chaudhari		PBS Seminar(1)	Prof. Dr. P. D. Bhamre		ELE-IV- SMA (3)	Prof. P. R. Kadam	
PIL(12)	SNC / ASA		AC-4 (2)	Prof. S. P. Mene		AC-6 (2)	Prof. S. R. Deshmukh	
DSFL(12)	KNS / PRK / RVU		SL V (12)	SPM / RVU		CL-IX (12)	SRD / SPP	PRJ (B308)
	PL-I (B406-I)		SL-IV (6)	SVP / ASA		CL-X (6)	UKG / SCS	SWL-II (B306-I)
CGL(06)	UKG / SPP		SL-VI (6)	RMB / ASA		IoTL (6) / MTL (6)	PBM / HDA, RMB / SPP	HWL, PRJ
	SWL I (B306-I)		Seminar(6)	SVP-C / PBM-A&B / HDA		I&WPL (6)	KNS / HDA	SWL-II, SWL-II
<i>Dr. Shrikant</i> HOD, IT Deptt.			Dean Academic	Principal		Project	PDB/SVP/SPM/RMB/UKG SRD/SNC/KNS	PRJ (B308)

## **9. Time Table of MCA:**

K. K. WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH  
DEPARTMENT OF MCA

Revision Index: 00

Academic Year: 2020-2021  
ONLINE MASTER TIME TABLE

Class: FYMCA [Semester-II]

Class Coordinator: Roshan A. Gaengurde

Day/ Time	10.00	11.05	12.10
Monday	OOP	DMS	ISEE
Tuesday	DMS	OOP	SEPM
Wednesday	SEPM	DSA	DMS
Thursday	OOP	SEPM	DSA
Friday	PPL	ISEE	SEPM
Saturday	DSA	ISEE	PPL

w.e.f 1<sup>st</sup> February 2021

Class: SYMCA [Semester-II]

Class Coordinator: Prachi S. Pimpale

Day/ Time	10.00	11.05	12.10
Monday	SEPM	ELE-I/ ELE - III	DSR
Tuesday	SEPM	ELE-I/ ELE - III	MC
Wednesday	MC	SEPM	DSR
Thursday	OOD	SEPM	MC
Friday	DSR	OOD	ELE-I/ ELE - III
Saturday	OOD	MC	DSR

w.e.f 2<sup>nd</sup> February 2021

  
Dr. V. C. Bagal

I/c Head,  
Dept. of MCA



Dr. K. N. Nandurkar  
Principal,  
K.K.W.I.E.E.R, Nashik

K. K. WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH  
DEPARTMENT OF MCA

Revision Index: 00

MCA.IFYI SEM.(I) 2020-2021  
ONLINE TIME TABLE

Class Coordinator: Roshan A. Gangurde

Day/ Time	10.00	11.05	12.10
Monday	OOP	DMS	ISEE
Tuesday	DMS	OOP	SEPM
Wednesday	SEPM	DSA	DMS
Thursday	OOP	SEPM	DSA
Friday	PPL	ISEE	SEPM
Saturday	DSA	ISEE	PPL

Course	Course Teacher
Discrete Mathematics and Statistics	Dr. Vandana C. Bagal
Data Structures and Algorithms	Prachi S. Pimple
Object Oriented Programming	Dr. Roshan A. Gangurde
Software Engineering & Project Management	Poonam G. Fegade
Information Systems and Engineering Economics	Archana L. Rane

w.e.f 1<sup>st</sup> February 2021

  
Dr. V. C. Bagal  
H.O.D.  
Dept. of MCA

  
Dr. K. N. Nandurkar  
Principal,  
K.K.W.I.E.E.R,Nashik

Class Coordinator: Prachiti S. Pimple

Day/ Time	10.00	11.05	12.10
Monday	SEPM	ELE-I/ ELE - III	DSR
Tuesday	SEPM	ELE-II/ ELE - III	MC
Wednesday	MC	SEPM	DSR
Thursday	OODA	SEPM	MC
Friday	DSR	OODA	ELE-I/ ELE - III
Saturday	OODA	MC	DSR

Course	Course Teacher
Software Engineering & Project Management	Archana L. Rane
Mobile Computing	Mariyam E. Maniyar
Data Science with R	Dr. Roshan A. Gangurde
Object Oriented Modeling and Design	Mayur R. Sonar
ELE - I: Artificial Intelligence	Prachiti S. Pimple
ELE - III: Animation and Gaming	Mayur R. Sonar

w.e.f 2<sup>nd</sup> February 2021

Dr. V. C. Bagal  
I/c Head,  
Dept. of MCA

Dr. K. N. Nandurkar  
Principal,  
K.K.W.I.E.E.R, Nashik

## 10. Time Table of MBA:

K.K. Wagh Institute of Engineering Education and Research, Nashik										Revision Index: 01(29-6-2018)			
Department of Management Studies										Start Date: 1 <sup>st</sup> Aug 2018 Syllabus Completion: 31 <sup>st</sup> Oct 2018 Class Coordinator: Dr. S.J.Gadge			
MBA - Semester I													
TIME	8.00AM - 8.55AM (1)	8.55AM - 9.50AM (2)	9.50AM - 10.10AM	10.10AM - 11.05AM (3)	11.05AM - 12.00PM (4)	12.00PM - 12.35PM	12.35PM - 1.30PM (5)	1.30PM - 2.25PM (6)					
RECESS	MON	103 ASM	107 HSR		106 SSA	105 TVP			104 PSS	IS I + HRE 101 TVP			
	TUE	108 AAH	103 ASM		107 HSR	105 TVP			102 SJG	106 SSA			
	WED	101 SPD	101 SPD		103 ASM	110/112 SSA/SJG			105T/P TVP	104T/P PSS			
	THU	105 TVP	102 SJG		104 PSS	104 PSS			106 SSA	110/112 SSA/SJG			
	FRI	103T/P ASM	108 AAH		106T/P SSA	102 SJG			109 TVP	109 TVP			
	SAT	101 SPD	101T/P SPD		GUEST LECTURE					102T/P SJG			
+ <a href="#">Code</a> <a href="#">Subject Name</a> <a href="#">Faculty Member</a>													
Core Subject	101	Accounting for Business Decisions			Dr.SarojDhake (SPD)								
	102	Economics Analysis for Business Decision			Dr. ShalmaliGadge (SJG)								
	103	Legal Aspect of Business			Prof. ArunMohgaonkar (ASM)								
	104	Business Research Method			Prof. PriyaktaShirode (PSS)								
	105	Organization Behavior			Prof. TejalPatil (TVP)								
	106	Basics of Marketing			Prof. SaurabhAmbewadikar (SSA)								
Elective Subject	107	Management Fundamentals			Prof. HarshadaRayate (HSR)								
	108	Business Communication Lab			Prof. AmruthaHippalgaoonkar (AAH)								
	109	MS Excel & Advance Excel Lab			Prof. TejalPatil (TVP)								
	110	Selling and Negotiation skills Lab			Prof. SaurabhAmbewadikar (SSA)								
	112	Leadership Lab			Dr. ShalmaliGadge (SJG)								
	193	Information Security Module I			Prof. TejalPatil (TVP)								
HRE 101													
Human Rights Education													
Linguaphone													
Group Discussion										All Faculty			

\*T/P = Tutorial/ Practice Sessions

Prepared By

Checked By

Principal

Revision Index: 04 (28-07-2018)

K.K. Wagh Institute of Engineering Education and Research, Nasik										Revision Index: 04 (28-07-2018)				
Department of Management Studies										Start Date: 16 <sup>th</sup> July 2018 Syllabus Completion: 31 <sup>st</sup> Oct 2018 Class Coordinator: Prof.A.S.Mohgaonkar				
MBA - Semester III														
Time	8.00AM - 8.55AM (1)		8.55AM - 9.50AM (2)		RECESS 9.50AM - 10.50AM	10.10AM - 11.05AM (3)		11.05AM - 12.00PM (4)		RECESS (12.00PM - 12.35PM)				
MKT	305 SJG	305 NZ	305 SSA	305 AAH		306 FIN	305 HR	306 OPE	307 ASM					
MON						305 FIN	309 SJG	306 AAH	302 PSS					
TUE	306 SSA	305 NZ	305 SSA	314 SJG		305T/P FIN	310 HR	307 OPE	307 ASM					
WED						301 SPT			306 FIN					
THU						301 SPT			306 FIN					
FRI	306T/P SSA	315 NZ	305 SSA	305T/P AAH		305 SJG	315 NZ	310 HR	307 ASM					
SAT					GUEST LECTURE									

\*T/P = Tutorial/ Practice Sessions

Code	Faculty Name	Code	Faculty Name	Code	Faculty Name
301	Mr. S.P.Tamhankar (Visiting)	305FIN	CA. Narendra Zadge (Visiting)	310HR	Prof. Harshada Rayate (HSR)
302	Prof. Amrutha Hippalgaoonkar (AAH)	306FIN	Dr. Saroj Dhake (SPD)	316HR	Prof. Harshada Rayate (HSR)
303	Prof. Arun Mohgaonkar (ASM)	307FIN	Dr. Saroj Dhake (SPD)	305OPE	Prof. Amrutha Hippalgaoonkar (AAH)
304	All Faculties	309FIN	Dr. Saroj Dhake (SPD)	306OPE	Prof. Harshada Rayate (HSR)
305MKT	Dr. Shalmali Gadge (SJG)	315FIN	CA. Narendra Zadge (Visiting)	307OPE	Prof. Tejal Patil (TVP)
306MKT	Prof. Saurabh Ambewadikar (SSA)	313FIN	Prof. Amrutha Hippalgaoonkar (AAH)	311OPE	Prof. Prajakta Shirode (PSS)
307MKT	Prof. Arun Mohgaonkar (ASM)	305HR	Prof. Harshada Rayate (HSR)	312OPE	Prof. Prajakta Shirode (PSS)
308MKT	Prof. Arun Mohgaonkar (ASM)	306HR	Prof. Tejal Patil (TVP)	314OPE	Dr. Shalmali Gadge (SJG)
309MKT	Prof. Saurabh Ambewadikar (SSA)	307HR	Prof. Tejal Patil (TVP)	Cr. Course	Prof. Prajakta Shirode (PSS)
312MKT	Prof. Saurabh Ambewadikar (SSA)	309HR	Dr. Shalmali Gadge (SJG)	IS III 393	Prof. Amrutha Hippalgaoonkar (AAH)

\*T/P = Tutorial/ Practice Sessions

Prepared By

Checked By

Principal

<b>Code</b>	<b>Subject Name</b>
301	Strategic Management
302	Enterprise Performance Management
303	Startup and New Venture Management
304	SIP
305 MKT	Contemporary Marketing Research
306 MKT	Consumer Behavior
307 MKT	Integrated Marketing Communications
308 MKT	Product Management
309 MKT	Strategic Brand Management
312 MKT	Customer Relationship Management
305 FIN	Direct Taxation
306 FIN	Financial System of India , Markets & Services
307 FIN	Strategic Cost Management
309 FIN	Corporate Finance
315 FIN	Futures and Options
313 FIN	Banking Operations - I
305 HR	Labour & Social Security Laws
306 HR	Human Resource Accounting & Compensation Mgt
307 HR	Employee Health, Safety
309 HR	HR Audit
310 HR	Human Resource Information system
316 HR	Lab in Training
305 OPE	Planning & Control of Operation
306 OPE	Inventory Management
307 OPE	Productivity Management
311 OPE	Technology Management
312 OPE	Six Sigma
314 OPE	Toyota Production System
	Credit Course ( Data Science Lab)
393	Information Security Module III

34<sup>th</sup> Dec 2018

Revision Index: 00

**K.K. Wagh Institute of Engineering Education and Research, Nashik**

- Term start Date as Per SPPU: 01/01/2019
- Term end Date as Per SPPU: 15/05/2019

**Department of Management Studies**

MBA I - Semester II

Time Table 2018-2019

• Syllabus Start Date: 01/01/2019

• Syllabus Completion Date: 31/03/2019

Class Coordinator: Dr. S.J.Gadge

TIME	8.00AM -	8.55AM -	9.50AM -	10.10AM -	10.05AM -	11.05AM -	12.00PM -	12.45PM -	1.40PM -
DAY	8.55AM (1)	9.50AM (2)	10.10AM	11.05AM (3)	12.00PM (4)	12.45PM	1.40PM (5)	2.35PM (6)	
MON	207 SJG	202 SPD	RECESS	206 HSR	203 TVP	RECESS	204 ALL FACULTY	204 ALL FACULTY	
TUE	207 SJG	202 SPD		206 HSR	203 TVP		205 AAH	HRE 102 SGJ	
WED	205 AAH	201 SSA		206 HSR	203 TVP		204 ALL FACULTY	204 ALL FACULTY	
THU	205T AAH	208P SJG		202 SPD	203T TVP		201 SSA	210 HSR	
FRI	205 AAH	201 SSA		202T SPD	IS II HSR		213P TVP	213P TVP	
SAT	201T SSA	210 HSR		GUEST LECTURE				206T HSR	208P SJG

<b>Code</b>	<b>Subject Name</b>	<b>Faculty Member</b>
201	Marketing Management	Prof. Saurabh Ambewadikar (SSA)
202	Financial Management	Dr. Saroj Dhake (SPD)
203	Human Resource Management	Prof. Tejal Patil (TVP)
204	Decision Science	ASM/SPD/AAH/HSR
205	Operations & Supply Chain Management	Prof. Amrutha Hippalgaonkar (AAH)
206	Management Information Systems	Prof. Harshada Rayate (HSR)
207	Emotional Intelligence and Managerial Effectiveness Lab	Dr. Shalmali Gadge (SJG)
208	Statistical Software Lab	Dr. Shalmali Gadge (SJG)
213	Computer Aided Personal Productivity Tools Lab	Prof. Tejal Patil (TVP)
210	Life Skills lab	Prof. Harshada Rayate (HSR)
293	Information Security Module II	Prof. Harshada Rayate (HSR)
HRE 102	Human Rights Education	Dr. Shalmali Gadge (SJG)

Prepared by  
Prof. Tejal V. PatilChecked by  
I/C HODApproved by  
Principal

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TIME	8.00AM - 8.55AM (1)				8.55AM - 9.50AM (2)				10.10AM - 11.05AM (3)				11.05AM - 12.00PM (4)				12.45PM	1.40PM	
DAY	MKT	FIN	HR	OPE	MKT	FIN	HR	OPE	MKT	FIN	HR	OPE	MKT	FIN	HR	OPE	402	402	
MON	403	403	403	407	404	403	404	412	410	408P	408	409	408	409	409	403	402	402	
	ASM	NZ	HSR	AHH	SSA	NZ	SIG	TVP	ASM	AAH	TVP	SPD	SSA	SPD	SIG	AAH	ALL FACULTY	ALL FACULTY	
TUE	403	403	403	407	404	403	404	412	410	408P	408	409	408	409	409	403	402	402	
	ASM	NZ	HSR	AHH	SSA	NZ	SIG	TVP	ASM	AAH	TVP	SPD	SSA	SPD	SIG	AAH	ALL FACULTY	ALL FACULTY	
WED	404	404	404	408	405	404	408	ASM	405	410	414	404	406	409	405	403	GD/H	IS IV P	
	SSA	SPD	SIG	HSR	SSA	SPD	SIG	HSR	SSA	AAH	TVP	SIG	ASM	SPD	SIG	AAH	SPD	TVP	
THU	404T	404	404T	408	401	401	401	403	410	416	404T	406	412	416	403	403	APTITUDE	APTITUDE	
	SSA	SPD	SIG	HSR	SSA	SPD	SIG	HSR	SSA	AAH	HSR	SIG	ASM	SPD	SIG	AAH	TVP	TVP	
FRI	403	404	403	404	401	401	401	403T	LINGUAPHONE (P) SSA				408	412	414	403T	EVENT MANAGEMENT	EVENT MANAGEMENT	
	ASM	SPD	HSR	SIG	ASM	SPD	HSR	ASM	SSA	SSA	SSA	SSA	SPD	TVP	AAH	AAH	TVP	TVP	
SAT	403T	404T	403T	404	401T	GUEST LECTURE				GUEST LECTURE				GUEST LECTURE				LIBRARY	LIBRARY
CONCURRENT EVALUATION ALL FACULTY																			

Code	Faculty Name	Code	Faculty Name	Code	Faculty Name
401	Prof. Arun Mohgaonkar (ASM)	408 FIN	Prof. Amrutha Hippalaonkar (AAH)	403 OPE	Prof. Amrutha Hippalaonkar (AAH)
402	All Faculty	409 FIN	Dr. Saroj Dhake (SPD)	404 OPE	Dr. Shalmali Gadje (SJG)
403 MKT	Prof. Arun Mohgaonkar (ASM)	410 FIN	Prof. Amrutha Hippalaonkar (AAH)	407 OPE	Prof. Amrutha Hippalaonkar (AAH)
404 MKT	Prof. Saurabh Ambewadikar (SSA)	412 FIN	Dr. Saroj Dhake (SPD)	408 OPE	Prof. Harshada Rayate (HSR)
405 MKT	Prof. Saurabh Ambewadikar (SSA)	403 HR	Prof. Harshada Rayate (HSR)	409 OPE	Dr. Saroj Dhake (SPD)
406 MKT	Prof. Arun Mohgaonkar (ASM)	404 HR	Dr. Shalmali Gadje (SJG)	412 OPE	Prof. Tejal Patil (TVP)
408 MKT	Prof. Saurabh Ambewadikar (SSA)	405 HR	Dr. Shalmali Gadje (SJG)	494 IS IV	Prof. Tejal Patil (TVP)
410 MKT	Prof. Arun Mohgaonkar (ASM)	408 HR	Prof. Tejal Patil (TVP)	Linguaphone	Prof. Saurabh Ambewadikar (SSA)
403 FIN	CA. Narendra Zadge (Visiting)	414 HR	Prof. Tejal Patil (TVP)	Aptitude	Prof. Tejal Patil (TVP)
404 FIN	Dr. Saroj Dhake (SPD)	416 HR	Prof. Harshada Rayate (HSR)	GD/PI	Dr. Saroj Dhake (SPD)
		CE	All Faculty	Skill Dev. II	Prof. Amrutha Prof. Tejal

Prepared by  
Prof. Tejal V. Patil

Checked by  
I/C HOD

Approved by  
Principal

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<b>Code</b>		<b>Subject Name</b>
401	<b>G. Core</b>	Managing for Sustainability
402		Dissertation
403 MKT	<b>Subject core course</b>	Services Marketing
404 MKT		Sales and Distribution Management
405 MKT	<b>Subject Elective Course</b>	Retail Marketing
406 MKT		Rural Marketing
408 MKT		International Marketing
410 MKT		Marketing Strategy
403 FIN	<b>Subject core course</b>	Indirect Taxation
404 FIN		International Finance
408 FIN	<b>Subject Elective Course</b>	Online Trading of Financial Assets
409 FIN		Banking Operations – II
410 FIN		Wealth & Portfolio Management
412 FIN		Commodity Markets
403 HR	<b>Subject core course</b>	Employment Relations
404 HR		Strategic Human Resource Management
405 HR	<b>Subject Elective Course</b>	Organizational Design and Development
408 HR		Change Management
414 HR		Emerging Trends in HR
416 HR		Competency Mapping
403 OPE	<b>Subject core course</b>	Operations Strategy and Research
404 OPE		Total Quality Management
407 OPE	<b>Subject Elective Course</b>	Business Process reengineering
408 OPE		Enterprise Resource Planning
412 OPE		Challenges and Opportunities in Operations Management
409 OPE		Financial Perspectives in Operations Management
403 RABM	<b>Subject core course</b>	Rural Credit and Finance
404 RABM		Rural Marketing II
406 RABM	<b>Subject Elective Course</b>	Special Areas in Agro produce Management
412 RABM		Food Retail Management
413 RABM		Agri-Entrepreneurship
416 RABM		Agriculture & WTO
	<b>Skill Development II</b>	Event Management
		Information Security Module IV
		Linguaphone Practice
		Aptitude
		GD/PI

## 15.17.4 Teaching Load of Each Faculty:

### Computer Engineering:

K. K. Wagh Institute of Engineering Education & Research, Nashik Department of Computer Engineering Academic Year 2020-2021 Semester I												
Sr. No	Name	Workload										
		FE	FE Lab	SE	SE Lab	SE TUT	TE	TE Lab	TE TUT	BE	BE Lab	BE PRJ
1 Prof. S.S. Sane										EI-DM(A, B)		2 8
2 Prof. N. M. Shahane					Humanities (A, B)	2					(B)	
3 Prof. S. M. Kamlapur			DM(B)	3						DA(A)	5 (A)	8
4 Prof. P. P. Valdyo			CG(B)	OOPCGL(B)	3	12				3	5	12
5 Prof. S. M. Malao		PS	PSL	6 12								2 17
6 Prof. S. S. Banait										EII-STQA(B)	LPII(A)	18
7 Prof. R. H. Jadhav						TOC(A)	SDL(B)	SDL(B)		3	12	15
8 Prof. I. Priyadarshani						DBMS(B)	DBMSL(B)					17
9 Prof. J.R. Mankar			DM(A)	3			3	12		HPC(A)	LP-I(A)	15
10 Prof. N. G. Sharma										4	6	13
11 Prof. W. W. Pingle										DA(B)	LPI(B)	
12 Prof. M.J. Metkar			DELD(A)	DEL(A)	3 6					3		3
13 Prof. C. R. Patil			FDS(B)	DSL(B)	3	12				4		2 15
14 Prof. D. M. Kande										EII-STQA(A)	LPII(A)	2 17
										3	12	2 17

15 Prof. A. V. Kolapkar							CN(B)	CNL(B)				(A)
16 Prof. S.K. Gondhalekar							DBMS(A)	DBMSL(A)				2 12
17 Prof. N.S. Sonawane	PS	PSL					3	12				2 17
18 Prof. S.T. Patil			FDS(A)	DSL(A)	3	12						18
19 Prof. A. V. Taware							SEPM(B)					15
20 Prof. V. N. Suryawanshi							3					2 14
21 Prof. K. P. Birla								SEPM(A)				3
22 Prof. M.J. Patil			CG(A)	OOPCGL(B)	3	12						2 16
23 Prof. N. M. Pagare			DELD(SEB)	DEL(SEB)	3	6						15
24 Prof. S. A. Gade	PS	PSL	6 12									(A)
25 Prof. G.R. Gupta			OOP(A)	BCL(A)	3	6	TOC(B)					18
26 Prof. M.N. Shinde	PS	PSL	6 12									12
27 Prof. S.D. Jadhav			OOP(B)	BCL(B)	3	6	ISEE(A)					18
28 Prof. P. D. Rakibe								ISEE(B), CNL(A)				12
	Total		24	48	30	72	2	32	60	4	32	48 32 384

Ms. M. J. Patil  
Time-Table Co-ordinator

Prof. Dr. S. S. Sane  
Head, Dept. of Computer Engg

## Chemical Engineering:

K. K. Wagh Institute of Engineering Education and Research Department of Chemical Engineering Work Load of Teaching staff Academic Year 2020-21 Semester -I											
Sr. No.	Name of Staff	Designation	Regular Adhoc	Subject Head	Weekly Load					Total	Grand Total
					Lecture	Practical	Tutorial	Seminar	Project		
1	Prof. V. S. Mane	Head & Professor	Regular	MT - I ASP	4 3	4 0	0 0	0 0	2 0	10 3	13
2	Prof. V. N. Mawal	Assistant Professor	Regular	Environment al	3	0	0	2	2	7	16
				CRE-II	1	4	0	0	0	5	
				MT - I	0	4	0	0	0	4	
3	Prof. S. N. Jain	Assistant Professor	Regular	PDC	2	4	0	0	2	8	17
				FM	3	6	0	0	0	9	
				PDC	2	4	0	0	2	8	
4	Prof. G. B. Daware	Assistant Professor	Regular	P. Cal	3	0	1	0	0	4	20
				Soft Skill	0	0	8	0	0	8	
				CPT	4	4	0	0	2	10	
5	Prof. S. N. Derle	Assistant Professor	Regular	CRE-II	2	2	0	0	0	4	18
				CACHE II	0	4	0	0	0	4	
				CEM	3	8	0	0	2	13	
6	Prof. Z. K. Deshmukh	Assistant Professor	Adhoc	CPS	2	0	0	0	0	2	17
				CACHE I	0	2	0	0	0	2	
				CPS	1	0	0	0	2	3	
7	Prof. P. P. Joshi	Assistant Professor	Regular	CED - II	2	2	0	0	0	4	18
				IOM	3	8	0	0	0	11	
				Petroleum Refining	3	0	0	2	2	7	
8	Prof. T. B. Mahale	Assistant Professor	Adhoc	CEM	1	0	0	0	0	1	17
				CET - II	1	0	0	0	0	1	
				CED II	0	2	0	0	0	2	
				Soft Skill	0	4	0	0	0	4	
				CACHE - II	0	2	0	0	0	2	
9	Prof. Varsha Parashar	Assistant Professor	Adhoc	CEM	3	0	0	0	2	5	15
				CET - II	2	0	0	0	0	2	
				CPT	0	4	0	0	0	4	
				CACHE II	0	4	0	0	0	4	
<b>Total</b>					48	72	9	4	18	151	151

## Production Engineering

Department of Production Engineering Teaching Load Distribution for the Academic Year 2020-2021							
Sr. No.	Staff	Subject	Th	Pr	Total Load		
1	Dr. K. N. Nandurkar	Production Management	2		2		
2	Dr. P. J. Pawar	Industrial Robotics	3	8	13		
3	Dr. S. R. Gangurde	Numerical Techniques and Optimization Methods	2				
4	Dr. N. B. Gurule	Tool Design	4	8	15		
5	A. S. Kamble	Industrial Engineering and Management	3				
		Advanced Materials	3				
		Elective-III SCM	3	4	16		
		PBL		6			
		Production Management	2				
		Engineering Graphics	2	12	22		
		Industrial Engineering and Management		4			
		EG Tutorial	2				
		CIDM	3	8	17		
		PBL		6			
		Theory of Machines	3	6			
		Elective-III Entrepreneurship	3	2	20		
		C-Language		6			
		Design of Machine Elements	3				
		Workshop Practice		4			
		Numerical Techniques and Optimization Methods	2	8	17		
		Machine Tool Engineering	4	8	19		
		Elective-IV VCM	3	4			
		Process Planning and Tool Selection	3	8			
		Elective-III Automobile	3	2	22		
		Soft Skill		6			

## Electronics & Telecommunication

Sr	Name	Subject	Load	Subject	Load	Subject	Load	Total Load
1.	DMC	Microcontroller	3+4	Electronic System Design Electrical Circuits	2 3+3	UG Project PG Project +Seminar	2+2+2+1	22
2.	PDB	FE-BXE-1	3					3
3.	SSM	Electromagnetics	3+ 4(T)	Elective I: E&RTO S	3+2	UG Project PG Project +Seminar	2 2+1	17
4.	SSB	DSP	3+8	Elective-I: DI&VP	3+2	UG Project	2	18
5.	SPU	VLSI Design & Tech	3+8	Microcontroller (Pr)	4	UG Project	2	17
6.	MPJ	Elective-I: IoT	3+8	Electronic Skill Deve	4	UG Project	2	17

7.	VRL	Data Structures	3 + 8	FE-BXE-1	6	UG Project	1	1 8
8.	DCS	DCom	3 + 8	Elective-II:EPD	3	UG Project	1	1 5
9.	RVC	CN&S	4 + 8	Electronic circuits	4	UG Project	1	1 7
10.	SCS	Elect-2: AI	3	Electronic circuits	8	LL(T)	4	1 5
11.	SVS	Digital circuits	3 + 8	Electronics system design (Pr)	4			1 5
13.	AHD	FE-BXE-2	3 + 6	FE-BXE-3	3 + 6			1 8
14.	PJM	Mechatronics	3 + 8	Elective II:MC(2nd)	3	Electronic Skill Deve	4	1 8
15.	SAZ	FE-BXE-4	3 + 6	FE-BXE-5	3 + 6			1 8
16.	JRS	Radiation &Microwave Tech.	3 + 8	Electrical Circuits (2)-Pr	6 + 4	10		2 1

## Department of Electronics:

Sr	Name	Subject	Load	Subject	Load	Subject	Load	Total Load
1.	MRA	MCA	3+6	Elect-II: DSPT MS320 C67X	3	UG Project	2	14
2.	KSH	Elect-II:BME	3	FE-BXE-6	3+6	UG Project	2	14
3.	RRK	ESD <sub>BE</sub> (2)	3+8	Digital Circuits (2)	4	UG Project	2	17
4.	KNK	VLSI Design(2)	3+8	Digital Circuits(2)-Pr	4	UG Project	2	17
5.	SSA	Electronic Circuits(2)	4+8	ESD (Pr) (TE)	4	UG Project	1	17
6.	NMB	Instrumentation System	3+8	FE-BXE-7	6	UG Project	1	18
7.	KSN	Advanced Power Electronics	4+6	Data structures	3+6	UG Project	1	18
8.	PPP	Data Comm	3+6	FE-BXE-7	3	Digital Circuits(2)	4	16

						- Pr		
9.	SSD	EMWP	3+4 (T)	FE-BXE-8	3+ 6			16
10.	DDK	Elect I: Embed ded System &RTO S	3+ 6	ESD (Pr) (TE)	2+ 4	LL( T)	3	18
11.	VST	Power Electro nics&A ppl	3+ 6	Electronic skill development (SE)	8			17

## Department of Information Technology:

Teaching Load of each Faculty	Sr. No.	Staff Name	Class & Subject Name ( <u>Sem-I</u> )	Total Work Load
	1	Prof. Dr. Bhanwre Preeti Dinesh	FECE-BXE-TH SEIT-DELD-TH BEIT-Project-PR	14
	2	Prof. Purkar Santosh Vishnu	SEIT-CA-TH SEIT-DL-PR SEIT-CL-PR	16
	3	Prof. Mene Shilpa Prakash	TEIT-DBMS-TH TEIT-SL-I-PR BEIT-NLP-TH	19
	4	Prof. Bora Rupali Mahavir	TEIT-OS-TH TEIT-SL-II-PR BEIT-ML&A-TH	20
	5	Prof. Gaikwad Umesh Karbhari	SEIT-PS/OOP-TH SEIT-OOPL-PR TEIT-SL-III-PR	16
	6	Prof. Deshmukh Shital Raosaheb	SEIT-FDS-TH SEIT-PL-PR TEIT-TOC-TH	20
	7	Prof. Chaudhari Smita Nilesh	SEIT-AC-I-TH SEIT-DL-PR SEIT-CL-PR BEIT-UE-TH	16
	8	Prof. Somwanshi Kiran Narhari	TEIT-HCI-TH TEIT-SL-II-PR TEIT-AC-III-TH BEIT-ST&QA-TH	19
	9	Prof. Mahale Poonam Balasaheb	BEIT-SD&M-TH BEIT-AC-V-TH BEIT-CL-VIII-PR	16
	10	Prof. Kadam Pratik Raosaheb	SEIT-DS-TH BEIT-ICS-TH BEIT-CL-VII-PR	20
	11	Prof. Shewale Yogita Pralhad	TEIT-SE&PM-TH TEIT-AC-III-TH	16

Teaching Load of each Faculty	Sr. No.	Staff Name	Class & Subject Name (Sem-II)		Total Work Load
	1	Prof. Dr. Bhambhani Preeti Dinesh	FEIT-BXE-TH FEIT-PBL-PR TEIT-Seminar-TH		08
	2	Prof. Purkar Santosh Vishnu	FEIT-PBL-PR SEIT-FCN-TH TEIT-CNT-TH TEIT-SL-IV-PR TEIT-PBL-PR		19
	3	Prof. Mane Shilpa Prakash	TEIT-SP-TH TEIT-AC-TH TEIT-SL-V-PR		17
	4	Prof. Bora Rupali Mahavir	TEIT-DSBD-TH TEIT-SL-VI-PR BEIT-MT-TH BEIT-MTL-PR		15
	5	Prof. Gaikwad Umesh Karbhari	SEIT-CG-TH SEIT-CGL-PR BEIT-UE-TH BEIT-CL-X-PR		18
	6	Prof. Deshmukh Shital Raosaheb	BEIT-DCS-TH BEIT-AC-TH BEIT-CL-IX-PR		16
	7	Prof. Chaudhari Smita Nilash	FEIT-PBL-PR SEIT-PAI-TH SEIT-AC-TH SEIT-PIL-PR		21
	8	Prof. Somwanshi Kiran Narhari	SEIT-DSF-TH SEIT-DSFL-PR BEIT-I&WP-TH BEIT-&IWPL-PR		19
	9	Prof. Mahale Poonam Balasaheb	TEIT-CC-TH TEIT-PBL-PR BEIT-IOT-TH BEIT-IOTL-PR		16
	10	Prof. Kadam Pratik Raosaheb	SEIT-DAA-TH SEIT-DSFL-PR BEIT-SMA-TH		16

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## Department of MCA:

K K WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH, NASHIK  
DEPARTMENT OF MCA  
TEACHING FACULTY WORKLOAD  
2020-2021 (First Term) Revision Index: 00

Sr. No.	Name of Faculty	Designation	First Term (2020-2021)				
			Subjectwise workload / week			Total	
Class	Subject	I	P				
1	Dr. Vandana C. Bagal	Incharge Head and Associate Professor	FY	DME	3	-	
			SY	MIS	3	-	
			TY	STQA Lab	-	12	20
			TY	STCS-II	-	1	
			TY	MP	-	1	
2	Archana L. Rane	Assistant Professor	SY	PP	3	12	
			TY	STQA	4	-	
			SY	STCS-I	-	2	22
			TY	MP	-	1	
3	Mariyam E. Maniyar	Assistant Professor	TY	BE Lab	-	6	
			SY	CN	3	6	
			SY	BF	3	-	
			SY	STCS-II	-	1	20
4	Mayur R. Sonar	Assistant Professor	TY	MP	-	1	
			FY	OS	3	6	
			SY	SS Lab	-	6	
			TY	ELE II AG	4	-	21
5	Poonam G. Fegade	Assistant Professor	SY	STCS-I	-	1	
			TY	MP	-	1	
			FY	SEPM	3	-	
			FY	OOP Lab	-	12	
6	Roshan A. Gangurde	Assistant Professor	TY	DWM	4	-	
			SY	STCS-I	-	1	
			TY	MP	-	1	
			FY	OOP	3	-	
7	Prachi S. Pimple	Assistant Professor	TY	RITTL	4	12	
			SY	STCS-I	-	1	
			TY	MP	-	1	
			FY	DSF	3	-	
8	Soni K. Choudhary	Assistant Professor	SY	WP	3	12	
			SY	STCS-I	-	1	
			TY	MP	-	4	
			FY	DSF Lab	-	12	
			TY	SE	4	-	
			SY	ELE II AG	4	-	
			SY	STCS-I	-	2	22
			Total Department Workload :-		54	116	170

FY: 2020 Pattern (Two Year Structure) SY: 2019 Pattern TY: 2013 Pattern

Dr. V. C. Bagal  
I/C Head,  
Dept. of MCA

Dr. K. N. Nandurkar  
Principal,  
KKWIEER, Nashik

**K.K.WAGH INSTITUTE OF ENGINEERING EDUCATION & RESEARCH, NASHIK**  
**DEPARTMENT OF MCA**  
**TEACHING FACULTY WORKLOAD**  
**2020-2021 (Second Term)**      **Revision Index: 00**

Sr. No.	Name of Faculty	Designation	Second Term (2020-2021)				
			Subjectwise workload / week			Total	
Class	Subject	L	P				
1	Dr. Vandana C. Bagal	Incharge Head and Associate Professor	FY	OS	3	8	
			SY	OODAD	3	—	26
			TY	Seminar	—	4	
			TY	Project	—	4	
2	Archana L. Rane	Assistant Professor	SY	SEPM	4	—	
			SY	OODAD	—	8	
			TY	Seminar	—	4	26
			TY	Project	—	4	
3	Marilynn E. Maniyar	Assistant Professor	FY	CN	3	—	
			FY	PSL-II	—	6	
			SY	PSL-II	—	6	
			TY	Seminar	—	1	
4	Mayur R. Sonar	Assistant Professor	TY	Project	—	4	
			FY	IP	3	8	
			SY	ELE-I AG	3	—	
			FY	AC-2	1	—	26
5	Poonam G. Fegade	Assistant Professor	TY	Seminar	—	1	
			TY	Project	—	4	
			FY	DRMS	3	8	
			TY	Seminar	—	1	
6	Dr. Radhika A. Gangarde	Assistant Professor	TY	Project	—	4	
			SY	DRMS	3	8	
			TY	Seminar	—	1	
			TY	Project	—	4	
7	Prachi S. Patil	Assistant Professor	FY	ELE-I All	3	—	
			SY	ELE-I All	3	—	
			FY	IP	—	4	
			SY	MCL	—	4	26
8	Sami K. Choudhury	Assistant Professor	TY	Seminar	—	2	
			TY	Project	—	4	
			FY	ELE-I MC	3	—	
			SY	MC	3	8	
			TY	Seminar	—	9	
			Total Department Workload :->				
				36	122	160	

FY: 2020 Pattern (Two Year Structure)

SY: 2019 Pattern

TY: 2003 Pattern

*Dr. V. C. Bagal*  
 Dr. V. C. Bagal  
 I/C Head,  
 Deptt. of MCA

*Dr. K. N. Naik*  
 Dr. K. N. Naik  
 Principal,  
 KKWIEER, Nashik

## MBA Department

Sr.No	Faculty	Sem I & III	Sem II& IV
1)	A.S.Mohgaonkar	15	16
2)	Dr.S.P.Dhake	15	19
3)	Dr.S.J.Gadge	17	19
4)	H.S.Rayate	17	19
5)	A.A.Hippalgaonkar	17	20
6)	T V Patil	19	resigned
7)	S S Ambewadikar	17	17

## Applied Science

Sr. No.	Name of Faculty	Load

1	Dr.S.N.Kadlag	16
2	Dr.S.S.Naik	17
3	Prof. S.S.Joshi	16
4	Dr. Ansari AWMH	16
5	Prof.A.L.Mourya	20
6	Prof. D.Y.Patil	20
7	Prof.Kahandal S. S.	21
8	Dr. A.C.Pawar	20
9	Dr. G.B.Dabhade	20
10	Prof.P.S.Shahir	20
11	Prof.H.S.Tajanpure	20
12	Prof.R.S.Unhale	20
13	Prof. Monali Kshirsagar	20
14	Prof. S.M.Shinde	21
15	Prof. V.N.Chavan	20
16	Prof. A.B.Shinde	20
17	Prof. R .R.Bhatia	20
18	Prof. S.D.Patil	20

### 15.17.5 Internal

#### Continuous Evaluation System and place:

##### 1. Theory course assessment:

The internal assessment of a student is based on unit test and theory assignment for theory courses. Questions for the unit tests and assignments are mapped with course outcomes prepared using Blooms Taxonomy. Evaluation of course outcomes is based on average marks obtained by all the students for a particular CO.

##### 2. Laboratory course assessment:

For each practical /tutorial course, evaluation criterion is decided and the students are made aware of the assessment strategy before the commencement of the course. For each practical /tutorial course, continuous assessment of a student based on rubrics is prepared and registered in record of continuous assessment during the semester. Term work marks are based on continuous assessment. Each practical/ tutorial is mapped with course outcomes. Evaluation of course outcome is based on average marks obtained by all the students for a particular CO.

### **3. Seminar Evaluation:**

The performance of students in their seminar is judged by seminar guides and mapped with the course outcomes. Record of continuous assessment of a student is based on rubrics prepared.

### **4. Project Evaluation:**

Project evaluation committee monitors the progress of project work at various stages such as sanctioning of the project idea, feasibility, problem definition, scope, expected outcomes to maintain quality. The performance of students in their project work is judged by project guides and external examiners appointed by the university and mapped with the course outcomes. Log book is maintained by project guide for each project group.

## **15.17.6 Student's assessment of Faculty, System in place:**

- In every semester, feedback is collected from the students and analyzed. Outcome of this process is communicated to respective staff for their improvement as well as for encouragement.
- Lecture observation is made by senior faculty and necessary feedback and suggestions are conveyed to respective faculty for further improvement.
- Video shooting of lectures for self-assessment and corrections.
- Monitoring through IQAC.

Student feedback for the respective course is conducted twice in each semester online through ERP system.

<https://erp.kkwagh.edu.in/>

It is based on the parameters like punctuality, preparation for the lecture, communication skills, interaction during theory and practical etc.

## **15.18 Post Graduate Courses details:**

### **15.18.1 Title of the Post Graduate Courses:**

Sr. No.	Level	Title of the Programme
1	Post –Graduate	Civil Engineering (Structures)
2		Electrical Engineering (Power System)
3		Electronics & Telecommunication (VLSI and Embedded) <del>(VLSI &amp; Embedded Systems)</del>
4		M.C.A.
5		M.B.A.

### **15.18.2 Curricula and Syllabi of Post Graduate Courses:**

Programme	Syllabus
M.E. Electrical Engineering (Power System)	<a href="https://engg.kkwagh.edu.in/media/post_image/ME_Electrical_Power_Systems_2017_3-5-17.pdf">https://engg.kkwagh.edu.in/media/post_image/ME_Electrical_Power_Systems_2017_3-5-17.pdf</a>
M.E. Civil (Structures Engineering) Syllabus	<a href="http://engg.kkwagh.edu.in/media/post_image/6.ME_Civil_(Structures_Engg.).pdf">http://engg.kkwagh.edu.in/media/post_image/6.ME_Civil_(Structures_Engg.).pdf</a>
M.E. Civil (Structures Engineering) Syllabus 2017 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/M_E_STRUCTURE-2017-PAT.pdf">https://engg.kkwagh.edu.in/media/post_image/M_E_STRUCTURE-2017-PAT.pdf</a>
ME Electronics & Telecommunication (VLSI & Embedded System) (2013)	<a href="http://engg.kkwagh.edu.in/media/post_image/ME_VLSI_Emd2.pdf">http://engg.kkwagh.edu.in/media/post_image/ME_VLSI_Emd2.pdf</a>
ME Electronics & Telecommunication (VLSI & Embedded System) (2017)	<a href="http://engg.kkwagh.edu.in/media/post_image/ME-EandTC-VLSI_and_Emb_Systems_2017_3-5-17.pdf">http://engg.kkwagh.edu.in/media/post_image/ME-EandTC-VLSI_and_Emb_Systems_2017_3-5-17.pdf</a>
MCA 2013 Course	<a href="http://www.unipune.ac.in/Syllabi_PDF/revised_2013/engg/MCA_Engg_2013_Syllabus_5-9-15_revised.pdf">http://www.unipune.ac.in/Syllabi_PDF/revised_2013/engg/MCA_Engg_2013_Syllabus_5-9-15_revised.pdf</a>

MCA 2019 Course	<a href="https://engg.kkwagh.edu.in/media/post_image/Curriculum %20FY MCA%20under%20Engineering%202019_Course_08.072019.pdf">https://engg.kkwagh.edu.in/media/post_image/Curriculum %20FY MCA%20under%20Engineering%202019_Course_08.072019.pdf</a>  <a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/SY_Curriculum_MCA_under_Engineering(2019%20Course)(3%20Years)_06.072020.pdf">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/SY_Curriculum_MCA_under_Engineering(2019%20Course)(3%20Years)_06.072020.pdf</a>
MCA 2020 Course	<a href="http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/MCA(2020%20Course)%20Structure_Rules%20and%20regulations_under_Engineering_2020-21_06.072020.pdf">http://collegecirculars.unipune.ac.in/sites/documents/Syllabus2020/MCA(2020%20Course)%20Structure_Rules%20and%20regulations_under_Engineering_2020-21_06.072020.pdf</a>
MBA 2016 Pattern	<a href="http://engg.kkwagh.edu.in/media/post_image/MBA_NEW_Syllabus_2016-17-17-16.pdf">http://engg.kkwagh.edu.in/media/post_image/MBA_NEW_Syllabus_2016-17-17-16.pdf</a>
MBA 2019 Pattern	<a href="https://engg.kkwagh.edu.in/media/post_image/MBA_Syllabus_2019_Pattern_Revised_on_4-6_04_062019.pdf">https://engg.kkwagh.edu.in/media/post_image/MBA_Syllabus_2019_Pattern_Revised_on_4-6_04_062019.pdf</a>

### 15.18.3 Laboratory facilities exclusive to the Post Graduate Course:

Name of Laboratory	<b>Laboratory facilities</b>
<b>Civil Engineering</b>	
Material Testing: Laboratory:	1) Ultrasonic Pulse VelocityMachine 2) Compression Testing Machine 3) Accelerated Curing Tank 4) Remi Environment Test Chamber model No 105. 5) Scholar plus ,logging cover & half cell meter complete with standard search head & lead carrying bag with shoulder strap hoster,PC connecting lead ,earphones. 6) Flexure testing machine. 7) Horizontal/Vertical Shake Table. 8) Digital Indicator 9) Concrete Test Hammer 10) Torsion Testing Machine

	11) Servo Hydraulic Dynamic / Static Actuator (100 KN) 12) Tensile Strength Tester. 13) Load Cell : 1000 KN.
Concrete Technology Laboratory	1) Loading Frame: 100 T. 2) Concrete Mixer 3) Vibrating Machine

## 15.19 Special Purpose:

### 15.19.1 Software. Design tools:

#### Chemical Engineering:

- CHEMCAD 5.3.4 Software
- UNISIM Design Suit R 390.1 Software
- MATLAB 17 Software
- ZW-CAD+ 2012 Software
- Language software (iTell)
- ESPOIR Simulation Software (10 Users Interview Software)
- My Examo Software

#### Civil Engineering:

- MATLAB SOFTWARE
- COGNIFRONT
- STAAD PRO
- ETAB
- CASTER
- AUTOCAD
- NISA
- ANSYS

#### Computer Engineering

- Matlab with unlimited multiuser access with all Toolboxes
- WEKA,
- MEKA,
- R.Studio,
- Datasets
- GATE software access, E Resources: IEEE, Springer, etc. ,Moodle Access
- Easy Test – Audience Response System
- Easy Test – Audience Response System

#### **Mechanical Engineering:**

- Autocad 2017
- Creo3.0
- ANSYS 19.1
- Mastercam X9
- MATLAB R2018b
- Automation Studio 6.1
- Ladder Programming Software
- Computer Interface Software
- Software for PID controller

#### **Electronics & Telecommunication , Eltronics Engineering:**

##### **Software Facilities:**

- Microwind 3.8
- MATLAB R2018b
- Automation Studio 6.1
- GNU radio
- Latex
- Code Composer Studio 8.1

- Arduino IDE, Raspbian OS
- Multisim7
- SPJ (SIDE51), MPLAB IDE (2.0), Eclipse (4.1), Flashmagic (9.81)

### **Hardware Facilities**

- 8051, PIC18, AVR, ARM development platform with different interfacing cards
- Arduino, Raspberry Pi3 development platform with different interfacing cards
- TI MSP430, C2000 development platform
- Logic Analyzer, Spectrum Analyzer
- DSO, CRO, Function generator, Power supply, Multimeters, etc.
- Microwave Bench, SDR
- Programmable System On Chip Kit with Daughter Card
- Spartan II,III,VI and Zynq VLSI development platform
- IC Tester
- TMS320C6748 DSP development board
- PIC programmer
- Different types of sensors, motors and actuators

### **Electrical Engineering:**

- ANSYS
- MATLAB
- PSCAD
- LabView
- ANSYS

### **Information Technology:**

- COMSOL Multiphysics
- Orell Language Lab Software
- IBM Rational Software Architect
- MATLAB software (Campus licence)
- Adobe FLASH PRO CS.5 Windows 65073966
- COREL DRAW Graphic Suite
- Adobe Dream viewer CS5
- Windows STD 2003 Server
- Microsoft WinSvr Std 2008R2 SNGL OPL NL

- MSDN Academic Alliances 7.
  - Oracle 11g
  - WDP Program
  - Oracle 9.0i
  - Macromedia Director MX
  - 3D Studio MAX
  - Visual Studio .NET 2003
  - Macromedia Studio MX 2004

MBA:

- 1) Lingaphone- 20 Licenses
  - 2) Systat- 10 Licenses

## **15.19.2 Academic Calendar and framework:**

[https://engg.kkwagh.edu.in/academic\\_calender](https://engg.kkwagh.edu.in/academic_calender)

K. K. Wagh Institute of Engineering Education & Research, Nashik-03																									
TENTATIVE ACADEMIC CALENDAR																									
First Year Engineering, ME-I & MCA-I										Semester-II					Academic Year: 2021-2022					DATE-02/08/2021					
Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri
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24-Jan	25-Jan	26-Jan	27-Jan	28-Jan	29-Jan	30-Jan	31-Jan	01-Feb	02-Feb	03-Feb	04-Feb	05-Feb	06-Feb	07-Feb	08-Feb	09-Feb	10-Feb	11-Feb	12-Feb	13-Feb					
14-Feb	15-Feb	16-Feb	17-Feb	18-Feb	19-Feb	20-Feb	21-Feb	22-Feb	23-Feb	24-Feb	25-Feb	26-Feb	27-Feb	28-Feb	01-Mar	02-Mar	03-Mar	04-Mar	05-Mar	06-Mar					
07-Mar	08-Mar	09-Mar	10-Mar	11-Mar	12-Mar	13-Mar	14-Mar	15-Mar	16-Mar	17-Mar	18-Mar	19-Mar	20-Mar	21-Mar	22-Mar	23-Mar	24-Mar	25-Mar	26-Mar	27-Mar					
28-Mar	29-Mar	30-Mar	31-Mar	01-Apr	02-Apr	03-Apr	04-Apr	05-Apr	06-Apr	07-Apr	08-Apr	09-Apr	10-Apr	11-Apr	12-Apr	13-Apr	14-Apr	15-Apr	16-Apr	17-Apr					
18-Apr	19-Apr	20-Apr	21-Apr	22-Apr	23-Apr	24-Apr	25-Apr	26-Apr	27-Apr	28-Apr	29-Apr	30-Apr	01-May	02-May	03-May	04-May	05-May	06-May	07-May	08-May					
09-May	10-May	11-May	12-May	13-May	14-May	15-May	16-May	17-May	18-May	19-May	20-May	21-May	22-May	23-May	24-May	25-May	26-May	27-May	28-May	29-May					
30-May	31-May	01-Jun	02-Jun	03-Jun	04-Jun	05-Jun	06-Jun	07-Jun	08-Jun	09-Jun	10-Jun	11-Jun	12-Jun	13-Jun	14-Jun	15-Jun	16-Jun	17-Jun	18-Jun	19-Jun					
20-Jun	21-Jun	22-Jun	23-Jun	24-Jun	25-Jun	26-Jun	27-Jun	28-Jun	29-Jun	30-Jun															
<b>Colour Index:</b>																									
	Holidays										Commencement of Teaching of Semester														
	InSem Exam										Compilation of Term Work & Assessment														
	Conclusion of Teaching										Tentative Practical / Oral / Project Exam														
	Relieve The Faculty For CAP										Tentative University Theory Exam Date														
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K. K. Wagh Institute of Engineering Education & Research, Nashik-03																									
TENTATIVE ACADEMIC CALENDAR																									
ME-II, MCA-II & Second Year Engineering										Semester-I					Academic Year: 2021-2022					DATE-02/08/2021					
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13-Sep	14-Sep	15-Sep	16-Sep	17-Sep	18-Sep	19-Sep	20-Sep	21-Sep	22-Sep	23-Sep	24-Sep	25-Sep	26-Sep	27-Sep	28-Sep	29-Sep	30-Sep	01-Oct	02-Oct	03-Oct					
04-Oct	05-Oct	06-Oct	07-Oct	08-Oct	09-Oct	10-Oct	11-Oct	12-Oct	13-Oct	14-Oct	15-Oct	16-Oct	17-Oct	18-Oct	19-Oct	20-Oct	21-Oct	22-Oct	23-Oct	24-Oct					
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**K. K. Wagh Institute of Engineering Education & Research, Nashik-03**

**TENTATIVE (REVISED) ACADEMIC CALENDAR**

Third & Fourth Year Engineering										Semester-II				Academic Year: 2021-2022								DATE-02/08/2021			
Mon	Tues	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun					
					01-Jan	02-Jan	03-Jan	04-Jan	05-Jan	06-Jan	07-Jan	08-Jan	09-Jan	10-Jan	11-Jan	12-Jan	13-Jan	14-Jan	15-Jan	16-Jan					
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23-May	24-May	25-May	26-May	27-May	28-May	29-May	30-May	31-May																	

**Colour Index:**

	Holidays		Commencement of Teaching of Semester
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	Conclusion of Teaching		Tentative Practical / Oral / Project Exam
	Relieve The Faculty For CAP		Tentative University Theory Exam Date
	Preparation Leave		Vacation For Faculty

## 16. Enrollment of students in the last 3 years:

Enrollment of students in the last 4 years				
Name of the Programme	A.Y. 2019-20	A.Y. 2018-19	A.Y. 2017-18	A.Y. 2016-17
Computer Engineering	135	126	124	123
Electronics & Telecom. Engineering Electronics Engineering(II <sup>nd</sup> Shift)	60 31	59 37	58 50	60 53
Production Engineering	21	33	49	55
Civil Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)	111	112	121	125
Mechanical Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)	162	181	187	187
Electrical Engineering(I <sup>st</sup> & II <sup>nd</sup> Shift)	110	101	117	121
Chemical Engineering	90	95	100	60
Information Technology	70	62	64	63
M.C.A.	42	54	58	60
M.B.A.	62	60	60	44

## 17. List of Research Projects/ Consultancy Works:

### 17.1 Number of Projects carried out, funding agency, Grant received:

Number of Projects carried out, funding agency, Grant received			
Name of the Programme	Number of Projects carried out	funding agency	Grant received
Electronics & Telecom. Engineering Electronics Engineering(II <sup>nd</sup> Shift)	<p>2017-18</p> <p>1. Technology Pilot for DC Charging Technologies for EV Bus</p> <p>2016-17</p> <p>1. Design of High Performance PLL for UHF Band in 120nm CMOS Technology</p> <p>2. Monitoring Deforestation in Forest using WSN</p> <p>3. FPGA Based Creative Transceiver with Dynamic Adaptability for Realizable Software Defined Radio</p> <p>2013-14</p> <p>1. Creation of Indian Still and Video face Databases for Testing Face Recognition and Lip Reading Algorithms.</p>	<p>DST</p> <p>BCUD, Savitribai Phule Pune University</p> <p>BCUD, Savitribai Phule Pune University</p> <p>BCUD, Savitribai Phule Pune University</p> <p>BCUD, Savitribai Phule Pune University</p>	<p>1,50,81,000/-</p> <p>1,40,000/-</p> <p>1,00,000/-</p> <p>1,40,000/-</p> <p>1,90,000/-</p>
Production Engineering	1. Experimental Investigations with Magnetic Abrasive Finishing (MAF) processes for nanometric surface finish	BCUD, Savitribai Phule Pune University	1,70,000 /-

	of hard to machine Metals		
Mechanical Engineering (I <sup>st</sup> & II <sup>nd</sup> Shift)	03	BCUD, Savitribai Phule Pune University	6,40,000/-
Electrical Engineering(I <sup>st</sup> & II <sup>nd</sup> Shift)	2015-16  1. Energy Audit of AG Feeders of MSEDC  2014-15  1. Development of Novel Algorithm for Failure Probability of Sensitive Equipment due to short duration RMS voltage variations for various characteristics.  2. On-line Power Quality Disturbance Detection, Characterization and Classification using Wavelet Transform  2013-14  1. IEI Grant for R & D Project Entitled Advancement power Quality Management System for Grid Connected Large Scale Wind Farm  2. Research Proposal: Unified Power quality indices for Power quality	Centre for Technology Alternatives for Rural Areas (CTARA) IIT Bombay, Powai, Mumbai  Savitribai Phule Pune University under Research Grant  Savitribai Phule Pune University under Research Grant  The Institution of Engineers (India), Kolkatta  Savitribai Phule Pune University under	Appro.INR 116000.00  150000.00  150000.00  100000.00  180000.00

	<p>characterization</p> <p>3. Optimal capacitor configuration for enhancement of distribution reliability &amp; power quality for smart grid</p> <p>4. Research Proposal for Topic : Sensitivity and failure mode Analysis of Adjustable Speed Drives due to RMS voltage variations</p> <p>5. Modernization &amp; Removal of Obsolescence Scheme:- Modernization/up gradation of Industrial Drives and Control Lab</p>	<p>Research Grant Savitribai Phule Pune University under Research Grant</p> <p>Savitribai Phule Pune University under Research Grant</p> <p>AICTE, New Delhi</p>	<p>170000.00</p> <p>180000.00</p> <p>1933000.00</p>
Chemical Engineering	01	BCUD, Savitribai Phule Pune University	2,65,000/-
Information Technology	<p>1.Electrical Modeling of Photonic Crystal Resonant Cavities</p> <p>2.Wireless Sensor Network for Greenhouse Environment Monitoring</p>	<p>BCUD, Savitribai Phule Pune University</p> <p>BCUD, Savitribai Phule Pune University</p>	<p>2,40,000/-</p> <p>80,000/-</p>
M.B.A.	02	BCUD, Savitribai Phule Pune University	120000/-

## Consultancy Work:

### Civil Engineering Department:

2018-19: 2910068/-

2017-18: 8333292/-

2016-17: 5097309/-

Funding Agencies:( Army Welfare Placement Organization, Indian Railway,MSPHC,MCCTR Academy,PWD, Cantonment Board , Deolali, NMC,Parksyde Homes, BP Sangale, Harsh Construction pvt. Ltd. Anand Construwell.)

### **Electronics & Telecom. Engineering:**

No. of Consultancy Projects: 3

Sr. No.	Academic Year	Company Details	Revenue generated in Rs.	Area of consultancy
1	2017-18	Shree Engineering Works, Nashik	20,000	Instrumentation
2	2016-17	Panva Engineering Pvt. Ltd, Ambad, Nashik	20,000	Power Electronics
3	2016-17	Kougar Technologies, Ambad, Nashik	52,000	DSP & Embedded Processor

### **Electrical Engineering Department:**

Academic Year	Revenue generated in Rs.
2017-18	43,40,656
2016-17	41,16,533
2015-16	80,65,079
2014-15	1,29,38,965
2013-14	1,15,68,184
2012-13	81,22,931
<b>Total</b>	<b>4,91,52,348</b>

### **Revenue Generation through Testing and Consultancy till date from 2006.**

Category of Sector	Total Amount
News Print Industries	178,76,281
Automobile Industries	185,24,725

<b>Category of Sector</b>	<b>Total Amount</b>
Petroleum - Public Sector	36,62,848
Electrical Industries	16,55,360
Automation & Switchgear	11,22,787
Education	11,46,985
Engineering Industries	14,43,633
Service	12,30,285
Power Sector	7,42,113
Test Laboratory	6,40,256
Entertainment	4,79,664
Hospital	4,73,054
Publications	4,44,652
Plastic	4,25,951
others	10,55,219
Design of Electrical Installation	182,16,937
Electrical safety Audit	16,58,899
Energy Audit and Management	199,07,972
Energy Monitoring System Design and Benchmarking and SCADA, Automation	23,55,619
Grounding Audit, Solutions	24,10,050
IPR, Technical Expertise for Patent revocation.	1,46,113
Power Quality Audit, Management and Solutions	26,23,873
Testing	13,00,331
Thermography, Condition Monitoring	9,67,796
Training	12,22,223
<b>Total</b>	<b>1017,33,625.16</b>

## 17.2 Publications (if any) out of research in last three years out of masters projects:

### Publications:

<b>Publication</b>				
<b>Sr. No.</b>	<b>Department</b>	<b>2018-19</b>	<b>2017-18</b>	<b>2016-17</b>
<b>1</b>	Computer Engineering	89		
<b>2</b>	Electronics & Telecom. Engineering	10	13	24
<b>3</b>	Electronics Engineering	3	4	8
<b>4</b>	Electrical Engineering	15	33	9
<b>5</b>	Mechanical Engineering	09		
<b>6</b>	Information Technology	03	03	03
<b>7</b>	MCA	01	06	04

### **17.3 Industry Linkage:**

- Institute is recognized in the Platinum category AICTE-CII Survey of Industry-Linked Technical Institutes 2016 and 2018.
- T & P cell is approaching all large, medium and small scale industries for strengthening industry institute interaction.
- Industry supports the institute for training and placement of the students.
- The institute has good interaction with KPIT, Persistent Systems, TCS, Infosys, L&T, Mahindra, Bosch, ABB, Crompton Greaves etc.
- The institute is member of CII and NIMA (Nasik Industries and Manufacturers ‘Association).
- The institute has signed MOU with many industries to improve industry institute interaction.
- The faculty of the institute is involved in funded projects under BCUD, AICTE (MODROB), NCL (National Chemical Laboratories).
- Experts from industry are also invited for syllabus revision meeting organized by institute on behalf of SPPU.
- The students are encouraged to pursue their projects in the industry. Several final year projects are sponsored by the industry. This provides an opportunity for students as well as faculty to interact with the industry and to work on new trends and technology.
- Industrial visits of faculty and students are organized every year.

- The industry also supports the institute to arrange in-plant training to the students.
- The institute has organized the ‘Chief Executive Officer (CEO) meet to discuss various issues regarding employability and curriculum gaps and to explore the areas of mutual benefits. This meet was attended by 95 representatives from industries.
- The institute has organized ‘Small and Medium Enterprise (SME) meet’ for the companies in and around the Nashik to understand their problems. This meet was attended by 400 representatives from industries.
- The training and placement cell of institute has organized several ‘HR meet/ HR connect’ to have a direct connect with students to understand the industry expectations during placements. Recent HR meet at Bengaluru was attended by 21 representatives from industry, management representative and senior faculty of the institute. HR meet was followed by corporate visit to eleven multinational companies in Bengaluru.
- The faculty interacts with industry experts, whenever they have been appointed to conduct University project examinations and collect feedback from them to improve on project quality.
- Expert talks and guest lectures by eminent personalities from the industries on emerging trends and technology are arranged in association with student chapters of professional bodies like IET, IEI, IEEE, IITE, ISTE, CSI, ASME, SAE.
- Department of Information Technology conducts various training program such as “KPIT - ORACLE PACE” designed by KPIT with the objective of enhancing employability of students. The department maintains a cordial relationship with the industries and local industrial organizations like Nasik IT Association (NITA), Institution of Engineering and Technology (IET) to enhance industry institute interaction.

### **Computer Engineering:**

- The department maintains a cordial relationship with the industries and local industrial organizations like Nashik IT Association (NITA), Nashik Engineering Cluster (NEC) to enhance industry institute interaction.
- Infor Ltd. Singapore, a market leader in the domain of ERP and the department jointly designed draft syllabus for ERP as Open Elective for second semester for final year students and the university also sanctioned and approved this elective and it has been offered to final year students from Dec 2018.
- IBM established Center of Excellence and certification courses were conducted on DB2, RAD for staff and students.
- Company specific training is conducted for the students selected by KPIT, Pune during campus recruitment with the objective of enhancement of their employability. A course on “KPIT - ORACLE PACE” designed by KPIT was conducted by the department faculty.

### **Electronics & Telecommunication:**

Sr. No.	Name of Organization / Institute	Month/Year	Activities Resulted	Beneficiaries
1.	Panva Engineering	April 2018	Research & Product	Both Institute and Industry

	Pvt. Ltd., Nashik		Development	
2.	Shree Engineering Works, Nashik	Feb 2018	Consultancy	Both Institute and Industry
3.	Kougar Technologies, Ambad, Nashik	Sept 2018	Consultancy	Both Institute and Industry

#### **17.4 MoUs with Industries (minimum 3):**

The institute has signed several MOU with reputed industries such as TCS, KPIT technologies and FIN IQ for academic projects, industrial visits, in plant training, placement, consultancy and knowledge enrichment.

The institute has also signed MoU with training institutes to improve the aptitude and soft skills of the students. Following table shows number of MoUs signed by the institute.

Name of the Company with whom MoU signed	
<b>With industries</b>	
1	TCS- Accredited Letter
2	KPIT, Pune
3	FIN IQ
Name of the Training Institute with whom MoU signed	
1	AMCAT
2	Universal Education
3	FACE academy for Career Development
4	Gokhale's Advanced Training Institute
5	TIME Training Institute, Nashik
6	Techrel, Pune
7	Ray's Academy, Nashik
8	APART
9	Great Mission Group Consultancy

### **Department MoUs with Industries**

<b>Department</b>	<b>Name of the Company with whom MoU signed</b>	
Chemical Engineering	1	Abelin Polymers Pvt. Ltd., Nashik
	2	Chemito Technologies Pvt. Ltd., Nashik
	3	Water Quality Laboratory Level-2, Hydrology Project Circle, Nashik
	4	Catapharma Chemicals Pvt. Ltd., Sinnar, Nashik
	5	Delta Finochem Pvt. Ltd., Vadivarhe, Nashik.
	6	SV Plastochem Pvt. Ltd, Nashik
Civil Engineering	1	Resource Engg. Dept. Water Resource Dept.
	2	Albedo Foundation, Nashik.
	3	The Institution of Engineers India, Kolkata.
Computer Engineering	1	TRIARQ Health Care, Nashik
	2	Cognifront Center of Excellence, Nashik
	3	Nashik Engineering Cluster, Nashik
Electronics & Telecom. Engineering	1	KKWIEER -Electronics Switches (I) Pvt. Ltd., Nashik
	2	Emerson India - KKWIEER
	3	KPIT Technologies-PANVA-KKW E&TC Department
	4	PANVA Engineering Pvt. Ltd., Nashik
	5	Department of Heavy Industry(DHI), Government of India
Mechanical Engineering	1	Infinite Engineering Solutions Pvt. Ltd. Pune.
	2	DesignTech Systems Ltd, Pune.
	3	National Entrepreneurship Network, Bengaluru. (2017)
	4	Indo German Tool Room, Aurangabad (2015)
IT	1	Globarena Technologies Pvt.Ltd, Hyderabad

	2	Triumphant Institute Of Management Education Pvt. Ltd(T.I.M.E) Andheri (E), Mumbai
MBA	1	SWS Financial Services Ltd, Nashik

## 18. LoA and subsequent EoA till the current Academic Year:

[https://engg.kkwagh.edu.in/aicte\\_letters](https://engg.kkwagh.edu.in/aicte_letters)

## 19. Accounted audited statement for the last three years:

[https://engg.kkwagh.edu.in/shikshan\\_shulka\\_samiti](https://engg.kkwagh.edu.in/shikshan_shulka_samiti)

## 20. Best Practices adopted, if any:

### BEST PRACTICES

1. Title of the Practice I : Student Centered Teaching & Learning

2. Objectives of the Practice:

- To enhance teaching learning process in Engineering Education.
- To adopt innovative teaching methodologies.
- To promote use of ICT in teaching learning process.

3. The Context In any formal educational system, classroom teaching happens to be an inevitable somewhat irreplaceable component of the teaching-learning process. The classroom time is the dedicated time, during which students are expected to be actively engaged. Effective learning can only be ensured if the students understand and apply the knowledge sought in the classroom through teaching and other learning activities. In an attempt to enable students to absorb and understand concepts thoroughly, the classroom environment should be conducive for mutual interactions between students and teachers. Learning in classrooms improves significantly if there are meaningful interactions between inquisitive learners and experienced teachers. Such meaningful interactions can systematically be introduced during teaching with the help of ICT tools and innovative teaching methodologies.

4. The Practice • Use of ICT Tools –

- o MKCL LearnCo (SuperCampus) – It is an ICT tool which allows a teacher to immediately pose questions based on the concepts taught during a lecture. Students can individually answer this question through a mobile application. Teacher can assess the understanding of the students based on the correctness level of all collected answers. The use of this tool was incorporated in the teaching of all the UG / PG subjects during online lectures. Teachers of these classes prepared topic wise question banks to be used during lectures.
- o Use of other ICT tools like Google Classroom, Edmodo, Youtube channels, Technical Blogs, ERP.

- Use of other Innovative Teaching Methodologies – Teachers are using suitable innovative teaching method like Cross word activity, One Minute Paper, Think Pair Share, Blended Learning, Team-pair-solo Strategy, Role Play etc.

## 5. Evidence of Success

- Over the period of time there is a significant improvement in creativity and the quality of teaching.
- Significant improvement in student participation.
- Gradual improvement in student learning.
- Improved Results in University Examination.

## 6. Problems Encountered and Resources Required Problems Encountered

- Familiarity of the tools and their proper usage during lectures.
- Some of the problems faced by students during online learning were connectivity issues, availability of Android mobile sets, power cut and heating of electronic devices etc.
- Due to COVID pandemic lockdown from 16th March 2020, regular lectures and practicals were suspended. The institute incorporated use of various online platforms for completion of syllabus, assessment and submissions. Following table provides the details of the activities done during the lockdown period.

Sr. No.	Activity	Count
1	Number of Online lectures conducted	27100 2
2	Number of Videos prepared by teachers	3175 3
3	Number of study material (PDF, PPTs etc)	2750 (LearniCo)
4	Number of online assignments provided on ERP/Google Classroom	2886
5	No. of Youtube Video Links shared	8191
6	No. of LearniCo sessions conducted	2193

Eighteen First Year Engg. teachers - Prof.Dr. Ganesh Dabhade, Prof.Snehal Joshi, Prof.Sagar Shinde, Prof.Suman Kahandal, Prof.Monali Kshirsagar, Prof.Abhijit Pawar, Prof.Jagruti Nikam, Prof.Apurv Vaidya, Prof.Avina Dhangare, Prof.Sagar Zalte, Prof.Shraddha Shelke, Prof.Pankaj Ranade, Prof.Sayli Gokhale, Prof.Shyam Gade, Prof.Madhuri Shinde, Prof.Suruchi Malao, Prof.Nayana Jangle and Prof.Ganesh Jadhav were felicitated for effective use of ICT tools including LearniCo.

### Resources Required

- Computer System, LCD Projector, Wifi Devices in each classroom
- Appropriate Software and ICT tools

## **1. Title of the Practice II : Service Learning through Volunteering and Internships**

### **2. Goals**

- To work closely with the industry to understand new or improved products, techniques, processes, systems or services.
- To create awareness about social needs and real life problems.
- To develop transferable and life skills through service learning

**3.The Context** Typically, an Engineering graduate lacks confidence and experience while applying his/her knowledge. The best experience comes from internships by observing working life from different perspectives. An internship provides an opportunity to understand the role, the task and the industry. One can learn by watching and working closely with experienced people on projects. Internships help students to build confidence through practice thereby promoting personal growth. Internship allows students to get a feel for different industries in a small period of time. Voluntary social activities allow students to understand various social issues and inspire them to contribute for social needs. In doing so, they need to communicate and interact with the people of different sections of the society. Internships and Voluntary services thus provide an opportunity for development of communication skills, team work, professional skills and abilities.

### **4. The Practice**

- Students are allowed to undergo internships in industries of their choice, typically either in their second/third/final year of graduation during vacations. At the end of the internship, students submit a report of the work done in the industry.
- NSS organizes two types of activities, regular activities at institute level and special camp of seven days at nearby villages. Regular activities include blood donation camps, tree plantation, health check-up camps, road safety and social awareness programmes. The renowned social workers and activists guide the students in the camp. The special camp in villages, help students to understand the rural life, problems of villagers and to provide probable engineering solutions.
- NSS volunteers (250) are encouraged to participate in inter collegiate, state level and national level activities.
- The institute is associated with two NGOs ‘PRAYAS’ and ‘SWAPNAPURTI’.

### **5. Evidence of Success**

- 220 students have undergone Internships in 2020-21.

Following table shows the department wise count of internships –

Programme name	Count of Internships
UG Chemical Engg	5
UG Civil Engg	17
UG Computerl Engg	52

UG E&TC Engg	20
UG Electronics Engg	2
UG Electrical Engg	22
UG IT Engg	12
UG Mechanical Engg	7
UG Production Engg.	3
MCA	23
MBA	57
Total	220

- 1678 students have participated in 13 NSS activities in 2020-21.
- Several socially relevant projects were undertaken by students.

## 6. Problems Encountered and Resources Required

- Identification of suitable industries for relevant internship for around 700 students.
- Managing NSS unit of 250 students and NSS camp in village.
- Finding suitable time slot for internship as per the requirements of industries.

### Resources Required

- Logistics and travel support for social activities.

## Institutional Distinctiveness

The institute is known as a premier institute in engineering education with distinctive characteristics like senior and stable faculty force, continuous upgradation of labs with latest configuration of computers, software and peripherals, rich collection of books and online journal subscriptions, efforts for enhancing overall personality and communication skills and research and consultancy activities. The institute follows ethical practices and encourages Indian culture and value system. Research projects are undertaken by faculty and students for societal problems. The institute is permanently affiliated to Savitribai Phule Pune University. Most of the programmes offered by the institute have been accredited by NBA, AICTE, New Delhi. In year 2003, six programmes and in year 2012, five programmes were accredited respectively. The Institute has been accredited by NAAC with grade A in 2018. Eight programmes have been accredited by NBA in 2019. Mechanical Engg. programme has applied for NBA re-accreditation in 2019. Institute has applied for Autonomy to UGC in 2019. The institute has been recognised by NIRF (Ranked 9th in Maharashtra state and 85th in India) in year 2016. The institute was

placed in Platinum Category (highest) through joint survey by AICTE-CII in 2016, 2018, 2019, 2020 and Gold Category in 2017. The institute was placed at 11th position among Engineering Colleges of Maharashtra in the Digital Learning Survey for Top engineering institute ranking 2020 with AAAA+ Rating. The institute has been ranked 5th in state and 142nd at national level in the survey conducted by EDU-RAND in Nov. 2014. This was an internet based survey and colleges were ranked on the basis of accreditation score, faculty qualifications, research productivity, fill rate and placement score.

The strengths of the institute therefore are –

- Good quality of students
- Significant number of University rank holders
- Well qualified and experienced staff members dedicated to quality improvement
- Excellent teaching learning environment
- Rich collection of books and digital library access in central library
- State of the art laboratories and infrastructure
- Efficient training and placement cell
- State of the art sports facilities and gymnasium
- Conducive environment for overall development of students
  - Strong presence of alumni in industry at national and international level
- MoUs with industry for overall development of students
- Clean and eco friendly green campus
- Recognition from various accreditation agencies

Hence, the institute aims at becoming an autonomous institute with courses aligned with industrial and societal needs.