

**KJ's Educational Institute**

# **K J College of Engineering and Management Research**

## **Internal Quality Assurance Cell**

**DEPARTMENT OF \_\_\_\_\_ ENGINEERING**

### **ANNUAL REPORT**

**(01 June 2024 to 31 May 2025)**

### **Academic Year 2024 - 25**

- **TERM – FIRST: Start Date – End Date**
- **TERM – SECOND: Start Date – End Date**

#### **Guidelines:**

- Fill up this sheet for all the contributions /activities conducted at Department level only.
- Please add rows to the table below to suit your requirements
- Ensure that data does not differ from other official records and all the supporting documents are available.
- All the dates are in DD/MM/YYYY format.
- Use separate row for every details.
- For any queries, you may contact: Prof. Abhishek K. Taware, Coordinator,
- IQAC email: [iqacordinator.kjcoemr@kjei.edu.in](mailto:iqacordinator.kjcoemr@kjei.edu.in)

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# DEPARTMENT PROFILE

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	
2	Number of Faculty during A.Y.	
6	Program(s) Offered (UG/PG/PhD )	

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE Computer	180
2	ME Computer	24
3	ME Network	24
4	PhD	0
	<b>Total</b>	<b>228</b>

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1	5
2	6
3	7
4	8

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG		
PG		

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
1	4
2	5
3	6

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty:

ii) Number of female Faculty:

iii) Number of PhD Faculty:

iv) Number of PhD Registered Faculty:

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with - Membership No.
1					ISTE – LM 118889
2					
3					
4					
5					
6					
7					

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff:

ii) Number of female supporting staff:

Sr. No.	Name of Supporting Staff	Qualification	Designation
1			
2			
3			

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
Comp UG (FE)												
Comp UG (SE)												
Comp UG (TE)												
Comp UG (BE)												
Comp PG ( Computer)												
Comp PG ( Networks)												

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
Comp UG (FE)		
Comp UG (SE)		
Comp UG (TE)		
Comp UG (BE)		
Comp PG ( Computer)		
Comp PG ( Networks)		

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term – First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1						
2						
3						

#### Term – Second

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1						
2						
3						

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term – First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1- 8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0- 3.99)	All Clear	With ATKT
1	FE											
2	SE											
3	TE											
4	BE											
5	PG 1											
6	PG 2											

**Term – Second**

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE											
2	SE											
3	TE											
4	BE											
5	PG 1											
6	PG 2											

**Two Term Final Result**

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE											
2	SE											
3	TE											
4	BE											
5	PG 1											
6	PG 2											

**1.12 NAME OF THE TOPPER**

Sr. No.	Class	Name of the student	Score
1	FE		
2	SE		
3	TE		
4	BE		
5	PG1		
6	PG2		

### 1.13 UNIVERSITY RANKERS

Sr. No.	Class	Name of the student	Rank
1	FE		
2	SE		
3	TE		
4	BE		
5	PG1		
6	PG2		

- Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department on new page.

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CONTRIBUTION

BY

FACULTY

## 2.1 ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

### Term - First

Sr. No.	Name of Faculty	Awards and Recognition

### Term - Second

Sr. No.	Name of Faculty	Awards and Recognition

## 2.2 FACULTY CONTRIBUTION ACROSS VARIOUS PLATFORMS

Participation and recognition across various platforms such as University-level bodies, State and National forums, International engagements, corporate collaborations, and Social or Community initiatives. (Syllabus setting, paper setting, MoU etc.)

### Term - First

Sr. No.	Name of Faculty	Details of contribution

### Term - Second

Sr. No.	Name of Faculty	Details of contribution

## 2.3 FACULTY ENGAGEMENTS AS RESOURCE PERSONS, EXPERTS, AND SESSION CHAIRS

### Term - First

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Activity Name and Details</b>	<b>Organized By</b>	<b>Date</b>

**2.4 FACULTY-CONTRIBUTED E-LEARNING MATERIALS AND AVAILABLE ONLINE**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Title of E-Learning Content</b>	<b>Content Platform</b>	<b>Link</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Title of E-Learning Content</b>	<b>Content Platform</b>	<b>Link</b>

**2.5 FACULTY PARTICIPATION IN FDPS/MDPS/STTPS/FOPS/ WORKSHOPS (TEACHING AND SUPPORTING STAFF)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of FDPS/MDPs/STTPs/FOPs/ Workshops Name</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of FDPS/MDPs/STTPs/FOPs/ Workshops</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>

**2.6 FACULTY PARTICIPATION IN SEMINAR/WEBINARS****Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Seminar/Webinar</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Seminar/Webinar</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>

**2.7 FACULTY PARTICIPATION IN CONFERENCES/ SYMPOSIUMS****Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Conferences/ Symposiums</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date- End Date</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Conferences/ Symposiums</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date- End Date</b>

**2.8 CERTIFICATE/ ONLINE COURSES COMPLETED BY DEPARTMENT FACULTY (MOOCs, SWAYAM, NPTEL ETC.)****Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Course</b>	<b>Conducted By</b>	<b>Duration in Week</b>	<b>Start Date-End Date</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of the Course</b>	<b>Conducted By</b>	<b>Duration in Week</b>	<b>Start Date- End Date</b>

- Few photographs with caption of related to faculty contribution (felicitation of faculty, photos of award function etc.) on new page.

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EVENTS

AND

ACTIVITIES

FACILITATED

**3.1 FDP/MDP/STTP/FOP/WORKSHOP ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)

**3.2 SEMINAR/WEBINARS ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

#### Term - First

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date- End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)

#### Term - Second

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date- End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)

### 3.4 COLLABORATION WITH ACADEMIC AND PROFESSIONAL BODIES/ORGANIZATION (EXCLUDING INDUSTRY)

#### 3.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

#### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

#### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

**3.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>	<b>Actual Activities under MOU</b>	<b>Number of Beneficiaries</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY )</b>	<b>Actual Activities under MOU</b>	<b>Number of Beneficiaries</b>

**3.5 EXTENSION AND OUTREACH ACTIVITIES CONDUCTED BY THE DEPARTMENT (SOCIAL ACTIVITIES / ANY OTHER ACTIVITY)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Collaborating Agency with Activity Details</b>	<b>Date</b>	<b>Number of Beneficiaries</b>

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Collaborating Agency with Activity Details</b>	<b>Date</b>	<b>Number of Beneficiaries</b>

**3.6 SOCIAL ACTIVITIES ORGANISED BY THE DEPARTMENT (ENVIRONMENT CONSERVATION ACTIVITIES, WOMEN EMPOWERMENT ACTIVITIES, AWARENESS PROGRAMS ETC)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated

**3.7 STUDENT CHAPTERS /CLUBS**

Sr. No.	Name of Student Chapter	Number of Student Members

**3.7.1 EVENTS ORGANISED BY STUDENT CHAPTERS / CLUBS AND OTHERS**

**Term - First**

Name of Student Chapters: \_\_\_\_\_

Name of faculty Adviser: \_\_\_\_\_

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries

**Term - Second**

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries

**3.8 PARENT MEETING**

Name of Faculty Coordinator/s	Date	Details of Parent meetings	Number of Parents Attended

**3.9 ALUMNI MEET**

Name of Faculty Coordinator/s	Date	Details of Alumni Meet	Number of Alumni Attended

**3.10 ALUMNI SUPPORT (DONATION OF MONEY, BOOKS, EQUIPMENT ETC)****Term - First**

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support

**Term - Second**

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support

**3.11 ACTIVITIES WITH ALUMNI****Term - First**

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries

**Term - Second**

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries

**3.12 ADD ON /CERTIFICATE/VALUE ADDED PROGRAMS ORGANISED BY DEPARTMENT (MINIMUM 30 HOURS DURATION)**

Term - First

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries

Term - Second

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries

**3.13 GUIDANCE FOR COMPETITIVE EXAMINATIONS/CAREER COUNSELING AT THE DEPARTMENT LEVEL**

Faculty coordinator	Competitive Examinations/Career Counseling Activity Details	Total Number of Beneficiaries

- Few good photographs with caption related to different activities organized on new page

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RESEARCH  
AND  
CONSULTANCY

#### 4.1 INTELLECTUAL PROPERTY ASSETS

##### 4.1.1 PATENTS

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published

##### 4.1.2 COPYRIGHT, TRADEMARK AND OTHER (IPR)

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)

## 4.2 PUBLICATIONS

### 4.2.1 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

#### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding

#### Term – Second

Sr. No.	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding

### 4.2.2 PAPERS PUBLISHED IN JOURNALS

#### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, , ISSN Number, Impact Factor etc.	Indexing

#### Term – Second

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, Impact ISSN Number, Factor etc.	Indexing

#### 4.2.3 BOOK PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book	Publication Details Like Month and Year and Other (if any)	ISBN Number

#### 4.2.4 BOOK CHAPTER PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book Chapter	Publication Details Like Month and Year and Other (if any)	ISBN Number

#### 4.2.5 RESEARCH CITATIONS (SOURCE: WS/SCOPUS/GOOGLE SCHOLAR - AS ON 31<sup>TH</sup> MAY)

Total Citations of Department:

Sr. No.	Name of Faculty	Citations	h-index	i10 index

#### 4.3 EXTERNAL FINANCIAL SUPPORT

##### 4.3.1 GRANT-SUPPORTED/ SPONSORED RESEARCH PROJECT

Sr. No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Duration of the Project	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received

##### 4.3.2 GRANTS/FINANCIAL SUPPORT FOR OTHER ACTIVITIES

Sr. No.	Faculty Coordinator	Name of the Activity	Duration of the Activity	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received

#### 4.4 CONSULTANCY AND TESTING

Sr. No.	Faculty Coordinator	Details of Consultancy and Testing Conducted	Revenue Generated (Rs.)

#### 4.5 POSTGRADUATE AND DOCTORAL DEGREES AWARDED

##### 4.5.1 MASTER OF ENGINEERING DEGREE AWARDED (FOR DEPARTMENTS HAVING POST GRADUATION COURSE)

Sr. No.	Name of Supervisor	Title of Dissertation	Name of Candidate

##### 4.5.2 PhD AWARDED (FOR DEPARTMENTS HAVING PH.D RESEARCH CENTRE)

###### 4.5.2.1 PhD GUIDE DETAILS

Sr. No.	Faculty Name (Ph.D. Supervisor)	Number of Scholars Registered

###### 4.5.2.2 DOCTOR OF PHILOSOPHY (PH.D.) DEGREES AWARDED

Sr. No.	Name of Supervisor	Title of Thesis	Name of Candidate

- Few good photographs with caption related to different activities under Research, Innovation and IPR on new page.

5

INDUSTRY  
INSTITUTE  
INTERACTION

**5.1 VISITS TO INDUSTRIES/SITES ORGANIZED****Term – First**

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit

**Term – Second**

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit

**5.2 EXPERT TALKS AND WEBINARS DELIVERED BY INDUSTRY PROFESSIONALS****Term – First**

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit

**5.3 INDUSTRY SPONSORED PROJECTS (UG/PG)**

Sr. No.	Name of Project Guide	Title of Project	Name of Sponsoring Industry	Details of Sponsorship

**5.4 COLLABORATION WITH INDUSTRY**

**5.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

**5.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries

### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

#### Term – First

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration

#### Term – Second

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration

### 5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME

#### Term – First

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration

#### Term – Second

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration

### 5.7 ANY OTHER CONTRIBUTION OF INDUSTRY

#### Term – First

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Industry Representative and Name of Industry</b>	<b>Nature of Contribution</b>

**5.8 ADDITIONAL INITIATIVES TO FOSTER INDUSTRY COLLABORATION (IF ANY)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Initiative</b>	<b>Details of Initiative</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Initiative</b>	<b>Details of Initiative</b>

- Few good photographs with caption related to different activities under Industry Institute Interaction on new page.

6

ACHIEVEMENT  
OF  
STUDENTS

**6.1 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (INDIVIDUAL LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>

**6.2 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (INDIVIDUAL LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, SOCIAL ACTIVITIES ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>

**6.3 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (TEAM LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**6.4 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (TEAM LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, AND SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**6.4 CERTIFICATE/ ONLINE COURSES COMPLETED BY STUDENTS (VALUE ADDED COURSES, MOOCS, SWAYAM, NPTEL ETC.)**

**Term First**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date

**Term Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Name of the Course</b>	<b>Conducted By</b>	<b>Duration</b>	<b>Start Date-End Date</b>

**6.5 STUDENT PLACEMENT**

Number of students Placed:

Lower Package Offered:

Higher package Offered:

Average Package Offered:

**Term First**

<b>Sr. No.</b>	<b>Name of Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>

**Term Second**

<b>Sr. No.</b>	<b>Name of Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>

**6.6 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS**

**(IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/CIVIL SERVICES/STATE GOVERNMENT EXAMINATIONS ETC.)**

<b>Sr. No.</b>	<b>Names of Student Qualified</b>	<b>Name of the Qualifying Exam</b>	<b>Registration Number/Roll Number for the Exam</b>

- Few good photographs with caption related to Student Achievement on new page.

7

BEST  
PRACTICES  
AND  
SUMMARY

**7.1 ANY OTHER SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT (NOT COVERED ABOVE)**

Sr. No.	Details

**7.2 MISCELLANEOUS (NOTABLE INFRASTRUCTURE AND FACILITY UPGRADES)**

Sr. No.	Details

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr. No.	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Students		
2	Teachers		
3	Parents		
4	Alumni		
5	Employers		

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT (DESCRIBE IN MAXIMUM 500 WORDS)**

**Best Practice 1 :**

**Best Practice 2 :**

**7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

--

**7.6 SWOC ANALYSIS**

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

**Strength:**

1	
2	
3	
4	
5	

**Weaknesses:**

1	
2	
3	
4	
5	

**Opportunities:**

1	
2	
3	
4	
5	

**Challenges:**

1	
2	
3	
4	
5	

**7.7 FUTURE PLANS OF THE DEPARTMENT (FOR NEXT ACADEMIC YEAR)**

1	
2	
3	
4	
5	

**7.8 EFFORTS BY THE DEPARTMENT AT INSTITUTE / DEPARTMENT LEVELS TO PROMOTE AND ASSURE QUALITY IN THE FOLLOWING AREAS**

<b>Area</b>	<b>Efforts/ Initiative</b>
Academics and overall profile of Department	
Organization of different activities	
Research and Innovation	
Industry institute Interaction	
Student Achievements	

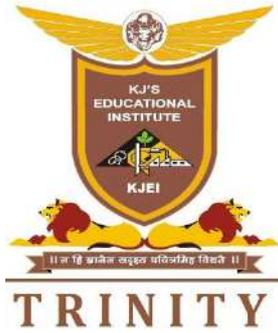
**ANNUAL SUMMARY SHEET**

<b>Sr. No.</b>	<b>Particular</b>	<b>Count</b>
	<b>PROFILE OF DEPARTMENT</b>	
1	Students in the department	
	<b>CONTRIBUTION BY FACULTY</b>	
2	E-learning materials develop by faculty and available online	
3	Number of FDPS/MDPS/STTPS/FOPS/ Workshops (teaching and supporting staff) attended by Faculty	
4	Number of Seminars/ webinars attended by the department faculty	
5	Number of Conferences/ symposiums attended by the department faculty	
6	Number of Online courses / certificate courses completed by department faculty	
7	Number of Faculty served as resource person, expert, chairperson etc	
	<b>EVENTS AND ACTIVITIES FACILITATED</b>	
8	Number of FDP/MDP/STTP/FOP/Workshop organized by the department	
9	Number of Seminars/ webinars organized by the department	
10	Number of Conferences/ symposiums organized by the department	
11	Number of MOU signed with academic and professional organizations (Excluding Industry)	
12	Number of Extension activities conducted by the department (Social activities / any other activity)	
13	Number of student chapter/ club	
14	Social activities organized (Environment Conservation activities, Women empowerment activities, Awareness Programs etc)	
	<b>RESEARCH AND CONSULTANCY</b>	
15	Number of Patents	
16	Number of copyright, trademark and other (IPR)	
17	Number of Papers published/ presented in proceedings of conferences	
18	Number of Papers published in journals	
19	Number of Book publications	
20	Number of Book Chapter publications	
21	Total Research citations	

22	Number of ME awarded	
23	Number of PhD awarded	
<b>INDUSTRY INSTITUTE INTERACTION</b>		
24	Number of Industry/Site visits organised	
25	Number of Expert talks and webinars delivered by industry professionals	
26	Number of Industry sponsored projects (UG/PG)	
27	Number of MOU signed with industry	
28	Number of Faculty members undergone industrial training	
29	Number of Students undergone in-plant training and (or) internship programme	
30	Number of students placed	
<b>ACHIEVEMENTS OF STUDENTS</b>		
31	Number of student Achievements	
32	Number of students qualified in the competitive examinations	

**Head of Department**

**Principal**



**KJ's Educational Institute**

# **K J College of Engineering and Management Research**

## **Internal Quality Assurance Cell**

### **DEPARTMENT OF COMPUTER ENGINEERING**

#### **ANNUAL REPORT**

**(01 June 2024 to 31 May 2025)**

#### **Academic Year 2024 - 25**

- **TERM – FIRST: 1<sup>st</sup> July 2024 – 25<sup>th</sup> October 2024**
- **TERM – SECOND: 1<sup>st</sup> January 2025 – 26<sup>th</sup> April 2025**

#### **Guidelines:**

- Fill up this sheet for all the contributions /activities conducted at Department level only.
- Please add rows to the table below to suit your requirements
- Ensure that data does not differ from other official records and all the supporting documents are available.
- All the dates are in DD/MM/YYYY format.
- Use separate row for every details.
- For any queries, you may contact: Prof. Abhishek K. Taware, Coordinator,
- IQAC email: [iqacordinator.kjcoemr@kjei.edu.in](mailto:iqacordinator.kjcoemr@kjei.edu.in)

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1

# DEPARTMENT PROFILE

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	2009
2	Number of Faculty during A.Y.2024-2025	19
6	Program(s) Offered (UG/PG/PhD )	UG & PG

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE Computer	180
2	ME Computer	12
3	ME Network	12
4	PhD	0
	<b>Total</b>	<b>204</b>

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1 Programming Lab -I	7 Network Lab
2 Programming Lab -II	8 Computer Center
3 DBMS LAB	9 Operating System Lab
4 Hardware Lab	10 Software Lab
5 Research Lab	11 Cyber Security Lab
6 Project Lab	12 Cloud Computing Lab

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG	228	336
PG	114	95

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
1 Windows 10 Professional	7 Python IDE
2 Windows 11 Professional	8 Graphic.h
3 Ubuntu 20.04 (Freeware)	9 Cisco Packet Tracer, Wireshark
4 Xamp, Wamp,	10 Mysql
5 Android Studio, Eclipse	11 MongoDB
6 G++ Compiler	12 Open JDK

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty: 19

ii) Number of female Faculty: 13

iii) Number of PhD Faculty: 06

iv) Number of PhD Registered Faculty: 06

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with - Membership No.
1	Dr. Nikita Kulkarni	PhD	Head & Associate Professor	427148	ISTE: LM 45857 IEEE:101319270
2	Dr. Umar Mulani	PhD	Associate Professor	513898	
3	Dr. Shankar Amalraj	PhD	Assistant Professor	538446	IET: IEANG:
4	Dr. Aparna Hambarde	PhD	Assistant Professor	426994	ISTE:LM118880
5	Dr. Prachi Thakar	PhD	Assistant Professor	481213	
6	Dr. Vinod Ingale	PhD	Assistant Professor	538421	
7	Prof. Satish Yedage	ME, PhD Pursuing	Assistant Professor	427177	ISTE: LM118882
8	Prof. Ashwini Kamble	ME	Assistant Professor	357351	

9	Prof. Mayuri Vengurlekar	ME, PhD Pursuing	Assistant Professor	357315	IAENG:391
10	Prof. Prashant Raut	ME, PhD Pursuing	Assistant Professor	425524	
11	Prof. Harsha Jain	ME	Assistant Professor	426983	
12	Prof. Geetanjali Bansod	ME	Assistant Professor	427042	
13	Prof. Sheetal Nirve	ME	Assistant Professor	427142	IAENG: 374668
14	Prof. Reshma Patil	ME	Assistant Professor	538420	
15	Prof. Ulka Bansode	M.Tech , PhD (pursuing )	Assistant Professor	389712	IEANG:509249
16	Prof. Afrin Sheikh	M.Tech	Assistant Professor	540181	IEANG: 531541
17	Prof. Aappasaheb Salunke	M.Tech, PhD Pursuing	Assistant Professor	641330	
18	Prof. Vidya Dhoke	ME	Assistant Professor	664341	
19	Dr. Shilpa Bhosale	PhD	Assistant Professor	661693	

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff: 02

ii) Number of female supporting staff: Nil

Sr. No.	Name of Supporting Staff	Qualification	Designation
1	Mr. Sagar Katake	BA, Diploma Hardware Networking	System Admin
2	Mr. Pramod Gade	Diploma Computer Technology	Technical Assistant

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
Comp UG (FE)	13	10	0	0	39	16	39	31	36	21	127	78
Comp UG (SE)	11	9	0	0	40	19	44	36	45	13	140	77
Comp UG (TE)	12	5	0	0	18	10	28	19	32	6	90	40
Comp UG (BE)	4	2	0	0	15	11	50	13	21	6	90	32
Comp PG ( Computer) I	0	3	0	0	0	0	1	3	0	0	1	6

Comp PG ( Computer) II	0	0	0	0	0	0	0	6	0	0	0	6
Comp PG ( Networks) I	0	0	0	0	0	0	2	1	0	0	2	1
Comp PG ( Networks) II	0	0	0	0	0	0	1	2	0	0	1	2

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
Comp UG (FE)	-	-
Comp UG (SE)	-	-
Comp UG (TE)	-	-
Comp UG (BE)	-	-
Comp PG ( Computer)	-	-
Comp PG ( Networks)	-	-

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term – First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Nikita Kulkarni	TE-A	Database Management Systems	95	96	95.5
2	Dr. Umar Mulani	TE-A	Computer Networks And Security	91	93	92
		TE-B	Computer Networks And Security	83	87	85
3	Dr. Shankar Amalraj	SE-C	Digital Electronics and Logic Design	82	85	83.5
		BE-A	Blockchain Technology	-	90	90
		BE-B	Blockchain Technology	-	82	82
4	Dr. Aparna Hambarde	BE-A	Elective-3 :Cyber Security & Digital Forensics	91	91	91
		BE-B	Elective-3 :Cyber Security & Digital Forensic	80	77	78.5

5	Dr. Prachi Thakar	SE-A	Discrete Mathematics	-	85	85
		SE-B	Discrete Mathematics	-	89	89
		SE-C	Discrete Mathematics	-	86	86
6	Dr. Vinod Ingale	BE-A	Machine Learning	92	95	93.5
		BE-B	Machine Learning	87	91	89
7	Prof. Satish Yedage	TE-A	System Programming And Operating System	93	95	94
		TE-B	System Programming And Operating System	88	91	89.5
8	Prof. Ashwini Kamble	BE-A	Design and Analysis of Algorithms	96	94	95
		BE-B	Design and Analysis of Algorithms	93	87	90
9	Prof. Mayuri Vengurlekar	BE-A	Elective-4 : Mobile Computing	93	95	94
		BE-B	Elective-4 : Mobile Computing	88	87	87.5
10	Prof. Prashant Raut	SE-A	Object Oriented Programming	-	75	75
		SE-B	Object Oriented Programming	-	75	75
		TE-A	Theory of Computation	92	92	92
		TE-B	Theory of Computation	87	84	85.5
11	Prof. Harsha Jain	SE-A	Digital Electronics and Logic Design	94	94	94
		SE-B	Digital Electronics and Logic Design	93	96	94.5
12	Prof. Geetanjali Bansod	SE-A	Computer Graphics	91	92	91.5
		SE-B	Computer Graphics	88	94	91
13	Prof. Sheetal Nirve	SE-A	Fundamentals of Data Structures	86	82	84
		SE-C	Fundamentals of Data Structures	92	83	87.5

14	Prof.Reshma Patil	TE-A	Elective I - Internet of Things and Embedded Systems	86	93	89.5
		TE-B	Elective I - Internet of Things and Embedded Systems	84	89	86.5
15	Prof. Ulka Bansode	SE-B	Fundamentals of Data Structures	84	78	81
16	Prof. Afrin Sheikh	SE-C	Computer Graphics	-	90	90
		TE-B	Database Management Systems	92	92	92
17	Prof.Aappasaheb Salunke	SE-C	Object Oriented Programming	-	88	88

#### Term – Second

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Nikita Kulkarni	BE-A	Deep Learning	99	97	98
		BE-B	Deep Learning	90	90	90
2	Dr. Umar Mulani	SE-A	Data Structures and Algorithms	88	94	91
3	Dr. Shankar Amalraj	SE-C	Microprocessor	85	88	86.5
4	Dr. Aparna Hambarde	TE-A	Cloud Computing (Elective-II)	90	93	91.5
5	Dr. Prachi Thakar	SE-C	Principles of Programming Languages	95	97	96
6	Dr. Vinod Ingale	SE-B	Software Engineering	92	95	93.5
7	Prof. Satish Yedage	BE-A	Business Intelligence ( Elective - VI )	99	98	98.5
		BE-B	Business Intelligence ( Elective - VI )	91	93	92
8	Prof.Ashwini Kamble	TE-A	Artificial Intelligence	96	94	95
		TE-B	Artificial Intelligence	97	95	96

9	Prof. Mayuri Vengurlekar	BE-A	Natural Language Processing( Elective - V)	97	97	97
		BE-B	Natural Language Processing( Elective - V)	94	93	93.5
10	Prof. Prashant Raut	BE-A	High Performance Computing	95	97	96
		BE-B	High Performance Computing	95	92	93.5
11	Prof. Harsha Jain	SE-A	Microprocessor	95	94	94.5
		SE-B	Microprocessor	96	96	96
12	Prof. Geetanjali Bansod	SE-A	Principles of Programming Languages	91	88	89.5
		SE-B	Principles of Programming Languages	93	88	90.5
13	Prof. Sheetal Nirve	SE-B	Data Structures and Algorithms	89	87	88
		SE-C	Data Structures and Algorithms	87	89	88
14	Prof. Reshma Patil	TE-A	Data science And Big Data Analytics	95	96	95.5
		TE-B	Data science And Big Data Analytics	95	96	95.5
15	Prof. Ulka Bansode	TE-A	Web Technology	79	89	84
		TE-B	Web Technology	88	94	91
16	Prof. Afrin Sheikh	SE-A	Software Engineering	91	93	92
17	Prof. Aappasaheb Salunke	SE-C	Software Engineering	87	87	87
18	Prof. Vidya Dhoke	TE-B	Cloud Computing (Elective-II)	92	92	92

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term – First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average/Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	204	137	12	65	44	15	1	-	-	137	67
2	SE	214	123	5	32	55	27	4	-	-	123	91
3	TE	129	99	9	33	31	22	4	-	-	99	30
4	BE	118	107	3	37	42	20	4	1	-	107	11
5	PG 1	12	12	-	9	3		-	-		12	-
6	PG 2	6	5	-	3	2-	-	-	-	1-	5	1-

#### Term – Second

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average/Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	199	126	10	55	43	17	1	-	13	126	60
2	SE	215	135	20	57	40	14	4	-	14	135	66
3	TE	132	115	14	36	46	16	3	-	3	115	14
4	BE	122	117	17	48	44	7	1	-	5	117	-
5	PG 1	12	12	-5	3	3	-1	-	-		12	-
6	PG 2	6	5	-3	-	2-	-	-	-	1-	5	1-

#### Two Term Final Result

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average/Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE											
2	SE	215	135	20	57	40	14	4	-	14	135	66

3	TE	132	115	14	36	46	16	3	-	3	115	14
4	BE	122	117	17	48	44	7	1	-	5	117	-
5	PG 1	12	12		9	3					12	
6	PG 2	6	5		3	2				1	6	1

### 1.12 NAME OF THE TOPPER

Sr. No.	Class	Name of the student	Score
1	FE		
2	SE	GADE PAWAN RAM	9.32
3	TE	PURAM SARGAM SHRIKANT	9.71
4	BE	JAGTAP PRAJAKTA PRASHANT	8.10
5	PG1	SHELAR KOMAL SUNIL	8.52
6	PG2	BIRADAR ANITA SHESHERAO	8.72

**1.13 UNIVERSITY RANKERS** Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of

Sr. No.	Class	Name of the student	Rank
1	FE	-	
2	SE	-	
3	TE	-	
4	BE	-	
5	PG1	-	
6	PG2	-	

special facility available in the department, news published in the print media, any significant achievement of department on new page.



**Faculty member of Computer Engineering**



**Department of Computer Engineering**



**BE A Class Photo**



**BE B Class Photo**



**TechCamp on AWS Cloud Foundation: 10th Feb-12th Feb 2025**

**नवराष्ट्र**

**शैक्षणिक • के. जे. अभियांत्रिकीत आंतरराष्ट्रीय परिषद उत्साहात; विविध विषयांवर शोधनिबंध सादर**

## संशोधन अविरत, अखंडित प्रक्रिया : डॉ. जाधव

पुणे, (वा.) - जनिव्पूर्ण विषयसतरी १० उत्कृष्ट शोधनिबंधांकर परिषदेकडे देउन शोधनिबंध आले. संशोधन ही अविनाश आणि अखंडित सुरू नेमकासतरी बन अमर अभियांत्रिकी क्षेत्रात खरीत असलेल्या तंत्रिके पदसंकेतून स्वतः सातत्याने काम चालवावूने असे नव शोधनिबंध संशोधनसतत्याने सादरचालक डॉ. डी. व्ही. जाधव यांनी कळविले.

के. जे. अभियांत्रिकी महाविद्यालयात अभियांत्रिकी विषय संशोधनसतत्याने विविध विषयांवर शोधनिबंध सादर होत आहेत. यातून उत्कृष्ट शोधनिबंधांचा निवड होतो. यातून उत्कृष्ट शोधनिबंधांचा निवड होतो. यातून उत्कृष्ट शोधनिबंधांचा निवड होतो.

**अभियांत्रिकी शिक्षणाबद्दल आस्था हवी**

सुदृढ शिक्षण घेऊन आणि अभियांत्रिकी शिक्षण घेऊनच जगात काम करणे गरजेचे आहे. अभियांत्रिकी शिक्षणाबद्दल आस्था ठेवून घ्यावी. अभियांत्रिकी शिक्षणाबद्दल आस्था ठेवून घ्यावी. अभियांत्रिकी शिक्षणाबद्दल आस्था ठेवून घ्यावी.

**नाविन्यपूर्ण विषयांसाठी दहा उत्कृष्ट शोधनिबंधकांचा गौरव**

उत्कृष्ट शोधनिबंधांचा निवड होतो. यातून उत्कृष्ट शोधनिबंधांचा निवड होतो. यातून उत्कृष्ट शोधनिबंधांचा निवड होतो.

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स्वातंत्र्यवीर सावरकर महात्मा फुले मत्ताने कार्यक्रम झाला. जनता पक्षाचे नेते सुनील राष्ट्रीय स्वयंसेवक संघाचे नगर संघचालक रवींद्र कर, पुण्याचे माजी प्रदीप रावत, कॉसमांसयक्ष मिलिंद काळे, राष्ट्रीय संघाच्या समरसता ज्येष्ठ कार्यकर्ते रवी तंभलेखिका पूजा ब्रवले, राजिक कार्यकर्ते सुखदेव माय होम इंडियाच्या पौर्णिमा मेहता या वेळी होते. महात्मा ज्योतिबा हाळ्याच्या पुढे असलेले लोक होते, असे प्रतिपादन घर यांनी केले.

**के. जे. महाविद्यालयात आंतरराष्ट्रीय परिषद**

**पुणे :** के. जे. अभियांत्रिकी महाविद्यालयात अभियांत्रिकी आणि तंत्रज्ञानातील नाविन्यपूर्ण विषयावर आंतरराष्ट्रीय परिषदेचे आयोजन करण्यात आले होते. तंत्रशिक्षण संचालनालयाचे सहसंचालक डॉ. डी. व्ही. जाधव प्रमुख पाहुणे म्हणून उपस्थित होते.

संस्थेचे संस्थापक-अध्यक्ष कल्याण जाधव, भारती विद्यापीठ महिला अभियांत्रिकी महाविद्यालयाचे प्राचार्य डॉ. पी. व्ही. जाधव, सावित्रीबाई फुले पुणे विद्यापीठातील इलेक्ट्रॉनिक्स आणि टेलिकम्युनिकेशन अभियांत्रिकी शाखेचे अभ्यास मंडळ सदस्य डॉ. बी. डी. जाधव, फोर्ब्स टेक्नॉलॉजीचे कार्यकारी परिषद सदस्य नरेंद्र चितमू, महाविद्यालयाचे प्राचार्य डॉ. सुहास खोत या वेळी उपस्थित होते. विविध विषयांवर सादर झालेल्या दोनशेहून अधिक शोधनिबंधांपैकी उत्कृष्ट १० शोधनिबंधांना पारितोषिकाने गौरविण्यात आले. डॉ. निकिता कुलकर्णी, डॉ. प्रमोद चव्हाण आणि डॉ. रोहन कुलकर्णी यांनी परिषदेचे समन्वयक म्हणून काम पाहिले.

राजकीय पक्षाचे उमेदवार न समाजबांधवांना अमोल कोल्हे, रांनी मुस्लिम बांधवांशी नाहाने समाजबांधवांचे ले. आकर्षक सजावट, करण्यात आली होती. ठी खास शिरखुर्च्याचा त आला होता. गरजूंना न मुस्लिम बांधवांनी न आनंदात ईद साजरी

## संक्षिप्त

### के. जे. अभियांत्रिकी महाविद्यालयाच्या विद्यार्थ्यांचे यश

आयबीएम स्किल विल्ड महाराष्ट्र राज्यस्तरीय हॅकथॉन शोकेस २०२५मध्ये के. जे. अभियांत्रिकी महाविद्यालयातील विद्यार्थ्यांनी यश मिळवले. महाविद्यालयातील संगणक विभागाच्या तृतीय वर्षाच्या विद्यार्थ्यांनी टीम न्युरल नर्वर आणि जेनएक्स फाल्कन संघातर्फे विद्यार्थ्यांनी 'सहेली : एआय चालित पीसीओएस भविष्यवाणी आणि देखभाल' हा प्रकल्प सादर केला. सरगम पुरम, रोहित पाल, ओंकार कथिले, प्रतीक खेमणार या विद्यार्थ्यांचा त्यात सहभाग होता. प्रकल्प निर्मातेसाठी डॉ. विनोद इंगळे, प्रा. सतीश वेडगे यांनी मार्गदर्शन केले. संस्थेचे संस्थापक अध्यक्ष कल्याण जाधव, प्राचार्य डॉ. सुहास खोत, संगणक अभियांत्रिकीच्या विभागप्रमुख डॉ. निकिता कुलकर्णी, कार्यकारी संचालक मेजर जनरल समीर कल्ला, तांत्रिक संचालक डॉ. अजय फुलेंबरकर, विद्यार्थी विकास व कल्याणचे अधिष्ठाता डॉ. हेमंत देशमुख यांनी विद्यार्थ्यांचे अभिनंदन केले.

### किशोर ढमाले, शैलजा मोळक यांना पुरस्कार

क्रांतिवीर भगवानराव पाटील जन्म शताब्दी समितीच्या वतीने

## पाणी

### पुण्यातील धरणे रिट

पुणे : पुणे, पिंपरी-चिंचवड शहर आणि ग्रामीण भागाच्या पाण्याचे नियोजन व कालवा सल्लागार समिती अद्याप झालेले संधी साधत धरणातील पाणी 'उपसा जिरविण्याचा सपाटा लावण्यात आले

## खडकवासला १९.०५ टी

### लोकसत्ता प्रतिनिधी

पुणे : गेल्यावर्षीच्या तुलनेत यंदा जास्त पाऊस पडल्यामुळे शहराला पाणीपुरवठा करणाऱ्या खडकवासला धरण साखळीतील चार धरणे काढोकाढ भरली. गेल्यावर्षीच्या तुलनेत यंदा खडकवासला धरण साखळीमध्ये पाणीसाठा जास्त असला, तरी पाणी उपसण्याचा सपाटा लावण्यात आला आहे. पावसाळा संपल्यानंतर आतापर्यंत दहा दशलक्ष घन मीटर (टीएमसी) पाणी उपसण्यात आले असल्याने सध्या चार धरणांमध्ये १९.०५ टीएमसी पाणीसाठा शिल्लक आहे.

पाऊस दाखल होण्याचा विलंब, शेतीसाठी करावा लागणारा पाणीपुरवठा विचारात घेऊनच पुढील पाऊस षड्विधांच्या पाण्याचे नियोजन



०३२

दि. ०३२

फेब्रुवारी



**कोंढवा :** येवलेवाडीतील केजे महाविद्यालयाला उपविजेतेपद मिळाल्यानंतर उपस्थित विद्यार्थी.

## केजे महाविद्यालयाला उपविजेतेपद

कोंढवा, ता. १२ : येवलेवाडीतील केजे अभियांत्रिकी महाविद्यालयातील संगणक अभियांत्रिकीच्या विद्यार्थ्यांना व्हीओआयएस इंटर-कॉलेज टेक मॅरथॉन स्पर्धेत उपविजेतेपद मिळाले. या कामगिरीबद्दल त्यांना १० हजार रुपये रकमेचे रोख पारितोषिक देऊन गौरविण्यात आले. स्पर्धेत तृतीय वर्ष संगणक अभियांत्रिकीतील ओम रकीबे, सरगम पूरम, तेजस शिंदे, कार्तिक शिंगडे या विद्यार्थ्यांनी विशेष यश संपादन केले. स्पर्धेच्या अंतिम फेरीसाठी एकूण सात अभियांत्रिकी महाविद्यालयातील

विद्यार्थी सहभागी झाले होते. संगणक विभागाचे डॉ. विनोद इंगळे स्पर्धेसाठी समन्वयक होते. स्पर्धेदरम्यान त्यांनी विद्यार्थ्यांना आवश्यक मार्गदर्शन केले. प्राचार्य डॉ. सुहास खोत, संगणक अभियांत्रिकीच्या विभागप्रमुख डॉ. निकिता कुलकर्णी यांनी विद्यार्थ्यांना वेळोवेळी विशेष प्रोत्साहन दिले. विद्यार्थ्यांनी अलौकिक यश संपादन केल्याबद्दल संस्थेचे संस्थापक कल्याण जाधव यांनीही विद्यार्थ्यांचे अभिनंदन करून भविष्यात असेच उत्तुंग यश संपादन करण्यासाठी प्रेरणा दिली.

Pune, Hadapsar-Today  
13/05/2025 Page No. 5

**Second runner up prize of Rs 10000 at VOIS Inter-College Tech Marathon**



**International Yoga Day celebration [ 21 June 2024]**



**K J COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH  
Computer Department Engineering  
One Week ISTE Approved Short-Term Training Program  
on  
"Augmented Reality & Virtual Reality"**



**ISTE approved STTP on Augmented Reality & Virtual Reality [8- 12 July 2024]**



### Value Added Program on ARVR[8-12th July 2024]



### Monuments of Ancient India under Indian Knowledge System [26th July 2024]



**Noble Personality of Ancient India under Indian Knowledge System [26th July 2024]**



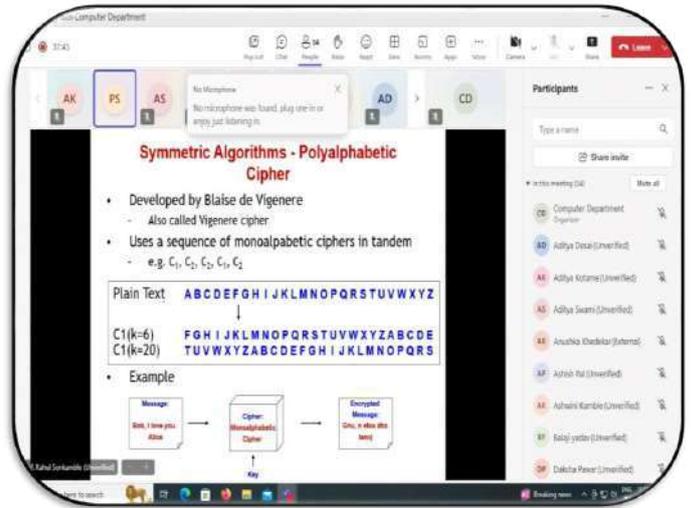
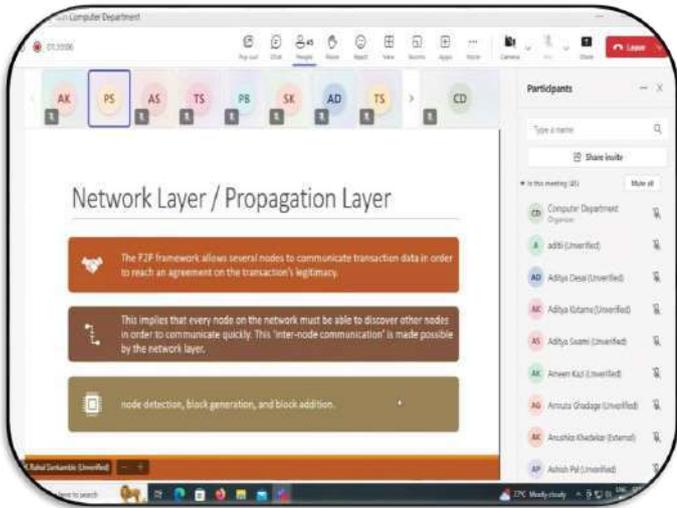
**ACES activity “Python Language” Quiz [30th July 2024 ]**



**Frame Fest – Photography Competition[7th August 2024]**



**Tree plantation [8th August 2024]**



**Guest lecture on “Blockchain Technology” Mr. Rahul Sonkamble, MIT Pune [10th August 2024]**



**Quiz on Technical Questions [19th September 2024]**



### Parents Meet & Toppers Felicitation [24th September 2024]



### Avishkar Poster Competition [25 Sept 2024]



**MOU signed with Codezone IT solutions[8 October 2024]**



**IOT project Exhibition [10th October 2024]**



## Rangoli Competition [11<sup>th</sup> October 2024]



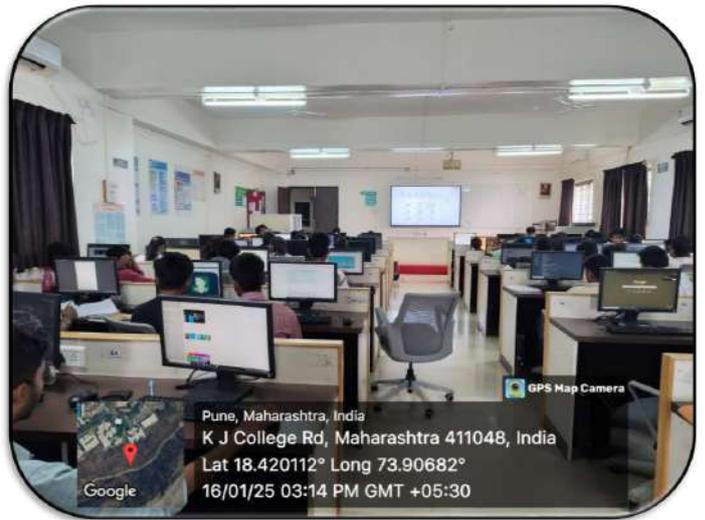
## Cleanliness Drive [19th October 2024]



**Orphanage Visit [24th October 2024]**



**ISTE approved-STTP on Research Trends In Cloud Computing & Security [13 - 17th Jan 2025]**



**Value Added Program [13- 17th Jan 2025]**



**Parents Meet [18th Jan 2025]**



**Blind School Visit [23rd Jan 2025]**



**Gravity-Quiz Competition [28th Jan 2025]**



## Three days Eduskills Techcamp on AWS Cloud Foundation [10th -12th Feb 2025]



## Counselling Session by Dr. Hemant Deshmukh

[13th Feb 2025]



## Felicitation of Puran Sargam for 10/10 pointer in SPPU Exam [14th Feb 2025]



## Counselling session by Dr. Hemant Deshmukh [20th Feb 2025]



## Counselling Session by Principal Dr. Suhas Khot [21st Feb 2025]



## Marathi Bhasha Divas Celebration [27th Feb 2025]



**Guidance Session By Our Alumni Harshad Salunke [28th Feb 2025]**



**Inauguration By Shri Kalyan Jadhav(KJEI Institutions)**

**Felicitation of guests**



**Felicitation of Ms.Sargam Puram BY Shri Kalyan Jadhav Presentation By Prof Ashwini Kamble**

**Christening Ceremony of Dr. A. P. J. Abdul Kalam "Center of Excellence" in Artificial Intelligence**

**[26th March 2025]**



**Industrial Visit [27th March 2025]**



**9th Springer Nature International conference ICITS-2025 Thailand [4th to 6th April 2025]**



**GATE Session [8th April 2025]**



**Full stack web development workshop [8th April 2025]**



## Workshop on Big Data Analytics for TE Students [16th April 2025]



## Counselling session by the Principal, Dr. Suhas Khot [18th April 2025]



## Counselling session by the Principal, Dr. Suhas Khot [18th April 2025]



**Students Discussion with Principal Sir [21st April 2025]**

\



**Alumni Achievement-Selected as Food Supply Inspector [Government of Maharashtra]**



**Baseball Mens Winning Team**

2

CONTRIBUTION

BY

FACULTY

## 2.1 ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

### Term - First

Sr. No.	Name of Faculty	Awards and Recognition
1	Dr. Aparna Hambarde	PhD
2	Dr. Umar M. Mulani	PhD

### Term - Second

Sr. No.	Name of Faculty	Awards and Recognition
1	Dr. Prachi Tahkar	PhD
2	Dr. Vinod Ingale	PhD

## 2.2 FACULTY CONTRIBUTION ACROSS VARIOUS PLATFORMS

Participation and recognition across various platforms such as University-level bodies, State and National forums, international engagements, corporate collaborations, and Social or Community initiatives. (Syllabus setting, paper setting, MoU etc.)

### Term - First

Sr. No.	Name of Faculty	Details of contribution
1.	Dr. Aparna Hambarde	Subject Chairman- ME Computer Networks (Rev. 2013)- Seminar-I (510212)
2.	Dr. Aparna Hambarde	Moderator- TE (2019P)- Software Project Management
3.	Dr. Nikita Kulkarni	Paper Setter & Examiner- ME Computer Engineering (2017P)- Disaster Recovery and Management (510409)
4.	Prof. Ashwini Kamble	External Examiner: (BE 2019P- Computer) Laboratory Practice-III
5.	Dr. Aparna Hambarde	External Examiner: (ME 2017P- Computer Engineering) Laboratory Proficiency-I
6.	Dr. Nikita Kulkarni	External Examiner: (BE 2019P- Computer) Laboratory Practice-V
7.	Dr. Nikita Kulkarni	External Examiner: (BE 2019P- Computer) Database Management Systems Laboratory
8.	Prof. Harsha Jain	External Examiner: (SE 2019P- Computer) Microprocessor Lab
9.	Prof. Afrin Sheikh	External Examiner: (BE 2019P- Computer) Database Management Systems Laboratory

10.	Prof. Mayuri Vengurekar	External Examiner: (BE 2019P- Computer) Laboratory Practice-IV
11.	Prof. Sheetal Nirve	External Examiner: (SE 2019P- Computer) Data Structures Laboratory

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Details of contribution</b>
1.	Dr. Nikita Kulkarni	Subject Chairman: ME Computer Networks (2017 Course) - High Performance Networks (510204)
2.	Dr. Vinod Ingale	Subject Chairman: ME Computer Engineering (2017 Course) - Machine Learning (510110)
3.	Dr. Nikita Kulkarni	Course Coordinator/ Member in Designing curriculum for SE 2024P under the BOS Computer Engineering, Faculty of Science & Technology SPPU
4.	Prof. Harsha Jain	External Examiner: (SE 2019P- Computer) Microprocessor Lab
5.	Prof. Ulka Bansode	External Examiner: (TE 2019P- Computer) Web Technology Lab
6.	Prof. Ulka Bansode	External Examiner: (BE 2019P- Computer) Project Stage-I
7.	Prof. Ulka Bansode	External Examiner: (SE 2019P- Computer) Data Structures Lab
8.	Dr. Nikita Kulkarni	External Examiner: (BE 2019P- Computer) Laboratory Practice-V
9.	Prof. Ashwini Kamble	External Examiner: (TE 2019P- Computer) Laboratory Practice-II
10.	Prof. Mayuri Vengurlekar	External Examiner: (BE 2019P- Computer) Laboratory Practice-VI
11.	Dr. Vinod Ingale	External Examiner: (BE 2019P- Computer) Laboratory Practice-III
12.	Dr. Umar Mulani	External Examiner: (TE 2019P- Computer) Computer Networks & Security Laboratory
13.	Dr. Aparna Hambarde	External Examiner: (ME 2017P- Computer Engineering) Laboratory Proficiency-II
14.	Prof. Satish Yedge	External Examiner: (BE 2019P- Computer) Laboratory Practice-VI
15.	Prof. Satish Yedge	External Examiner: (TE 2019P- Computer) Laboratory Practice-I
16.	Prof. Ulka Bansode	External Examiner: (BE 2019P- Computer) Project Stage-II
17.	Prof. <a href="#">Reshma Patil</a>	External Examiner: (TE 2019P- Computer) Data Science & Big Data Analytics Laboratory

## 2.3 FACULTY ENGAGEMENTS AS RESOURCE PERSONS, EXPERTS, AND SESSION CHAIRS

### Term - First

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
1	Dr.Nikita Kulkarni	EXPERTS for Fundamentals of programming Language	S.N.D.College of Engineering & research Center Yeola	13-12-2024
2	Prof. Sheetal Nirve	EXPERTS for Fundamentals of programming Language	S.N.D.College of Engineering & research Center Yeola	13-12-2024

### Term - Second

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
1.	Dr.Nikita Kulkarni	Session Chair	ICITS 2015	4-6, April, 2025
2	Dr.Shankar Amalraj	Session Chair	ICITS 2015	4-6, April, 2025

## 2.4 FACULTY-CONTRIBUTED E-LEARNING MATERIALS AND AVAILABLE ONLINE

### Term - First

Sr. No.	Name of Faculty	Title of E-Learning Content	Content Platform	Link

### Term - Second

Sr. No.	Name of Faculty	Title of E-Learning Content	Content Platform	Link

**2.5 FACULTY PARTICIPATION IN FDPS/MDPS/STTPS/FOPS/ WORKSHOPS  
(TEACHING AND SUPPORTING STAFF)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of FDPs/MDPs/STTPs/FOPs/ Workshops Name</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>
1	Prof. Geetanjali Bansod	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
2	Prof. Geetanjali Bansod	Recent Trends in Computing 4.0	VIT, Pune	6	08/07/2024 to 13/07/2024
3	Prof. Harsha Jain	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
4	Prof. Mayuri Vengurlekar	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
5	Prof. Afrin Sheikh	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
6	Prof. Prashant Ghulaxe	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
7	Prof. Prachi Thakar	Innovative Approaches of Artificial Intelligence and Machine Learning for Healthcare & Agriculture	Prof Ram Meghe COE & Mgmt	5	30/09/2024 to 04/10/2024
8	Prof. Vidya Dhoke	Mastering AI Tools for Faculty Excellence	VIIT, Pune	5	23/12/2024 to 27/12/2024
9	Prof. Vinod Ingale	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
10	Prof. Geetanjali Bansod	AI And Gen AI with Industry Application	MIT AOE	7	16/07/2024 to 22/07/2024
11	Prof. Reshma Patil	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
12	Dr. Aparna Hambarde	Generative-AI	PCCOER	6	07/10/2024 to 12/10/2024
13	Prof. Ulka Bansode	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
14	Prof. Ulka Bansode	Recent Trends in Computing 4.0	VIT, Pune	6	08/07/2024 to 13/07/2024
15	Prof. Sheetal Nirve	AI Tools for Teaching	Star International foundation for Research & Education	1	22/06/2024
16	Prof. Sheetal Nirve	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024
17	Prof. Sheetal Nirve	AI for Sustainable Development	VIIT Pune	5	05/08/2024 to 09/08/2024

18	Prof. Sheetal Nirve	Data Science (ML&AI)	E&ICT Academy & IIT Kanpur	7	09/09/2024 to 15/09/2024
19	Prof. Sheetal Nirve	Renewable and Sustainable Clean Energy	SND Polytechnic, Yeola	3	16/12/2024 to 18/12/2024
20	Dr. Nikita Kulkarni	Generative-AI	PCCOER	6	07/10/2024 to 12/10/2024
21	Prof. Satish Yedage	Mastering AI Tools for Faculty Excellence	VIIT Pune	5	23/12/2024 to 27/12/2024
22	Dr. Umar Mulani	Advancements in AI with IoT for Sustainability	RSCOE, Tathawade, Pune	5	16/12/2024 to 20/12/2024
23	Prof. Mayuri Vengurlekar	Recent Trends in Deep Learning & Large Language Models	ATAL	6	02/12/2024 to 07/12/2024
24	Prof. Ulka Bansode	Introduction to Machine Learning	NPTEL Course	12 Weeks	Jul-Oct 2025
25	Prof. Ashwini Kamble	Cloud Computing	NPTEL Course	12 Weeks	Jul-Oct 2025
26	Prof. Mayuri Vengurlekar	Deep Learning	NPTEL Course	12 Weeks	Jul-Oct 2025
27	Dr. Aparna Hambarde	AI for Sustainable Development	VIIT Pune	5	05/08/2024 to 09/08/2024
28	Dr. Aparna Hambarde	Augmented Reality And Virtual Reality	KJCOEMR, Pune	5	08/07/2024 to 12/07/2024

### Term - Second

Sr. No.	Name of Faculty	Name of FDPs/MDPs/STTPs/FOPs/ Workshops	Organized By	Duration in Days	Start Date-End Date
1	Prof. Sheetal Nirve	Empowering Research with Machine Learning: Trends, Tools, and Techniques	NMIET	5	17/03/2025 to 21/03/2025
2	Prof. Mayuri Vengurlekar	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
3	Prof. Ulka Bansode	Empowering Research with Machine Learning: Trends, Tools, and Techniques	NMIET	5	17/03/2025 to 21/03/2025
4	Prof. Mayuri Vengurlekar	Teaching for learning and social & Emotional Development	KJCOEMR, Pune	2	28/03/2025 to 29/03/2025
5	Prof. Harsha Jain	Teaching for learning and social & Emotional Development	KJCOEMR, Pune	2	28/03/2025 to 29/03/2025

6	Prof. Ashwini Kamble	Teaching for learning and social & Emotional Development	KJCOEMR, Pune	2	28/03/2025 to 29/03/2025
7	Prof. Harsha Jain	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
8	Dr. Prachi Thakar	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
9	Prof. Geetanjali Bansod	Quantum Computing: From Qubits to Algorithms	I2IT	5	19/05/2025 to 23/05/2025
10	Prof. Sheetal Nirve	Next-Gen Engineering: Agentic and Generative AI	MMCOE, Pune	5	19/05/2025 to 23/05/2025
11	Dr. Nikita Kulkarni	Next-Gen Engineering: Agentic and Generative AI	MMCOE, Pune	5	19/05/2025 to 23/05/2025
12	Prof. Vidya Dhoke	Capacity Building Program in Cybersecurity & Its Investigation		7	23/05/2025 to 30/05/2025
13	Prof. Mayuri Vengurlekar	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
14	Prof. Satish Yedge	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
15	Prof. Ulka Bansode	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
16	Prof. Ulka Bansode	Recent Advances and Innovations in Artificial Intelligence for Healthcare Transformation	RIT, Kolhapur	5	12/05/2025 to 16/05/2025
17	Prof. Satish Yedage	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
18	Prof. Reshma Patil	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
19	Prof. Ulka Bansode	Deep Learning-IIT Ropar	NPTEL Course	12 Weeks	Jan-Apr 2025
20	Prof. Mayuri Vengurlekar	Natural Language Processing	NPTEL Course	12 Weeks	Jan-Apr 2025

21	Dr. Shilpa Bhosale	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
22	Dr. Shilpa Bhosale	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
23	Prof. Mayuri Vengurlekar	Artificial Intelligence and its Applications	JSPM University	5	10/06/2025 to 14/06/2025
24	Prof. Harsha Jain	Artificial Intelligence and its Applications	JSPM University	5	10/06/2025 to 14/06/2025
25	Prof. Harsha Jain	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
26	Dr.Aparna Hambarde	Empowering Research Innovations through Mathematical Modelling	VIT Pune & Central University of Kashmir	2	09/06/2025 to 10/06/2025
27	Dr.Aparna Hambarde	Research Trends in Cloud Computing and Cloud Security	KJCOEMR, Pune	5	13/01/2025 to 17/01/2025
28	Prof. Sheetal Nirve	Capacity Building Programme on Cybersecurity	IITM Pravartak	5	23/06/2025 to 27/6/2025.

## 2.6 FACULTY PARTICIPATION IN SEMINAR/WEBINARS

### Term - First

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date-End Date

### Term - Second

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date-End Date

## 2.7 FACULTY PARTICIPATION IN CONFERENCES/ SYMPOSIUMS

### Term - First

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date-End Date
1	Prof. Vinod Ingale	15th International IEEE Conference on Computing, communication and Network Technologies,	IIT Mandi.	4	24 June - 28 June 2024
2	Prof. Vinod Ingale	ICCCCM-2024	United College of Engg & Research, Prayagraj, UP	2	10 august 2024 - 11 august 2024
3	Dr. Umar Mulani	The 15th International IEEE conference on computing communication and network Technologies	IIT Mandi.	4	24 June - 28 June 2024
4	Prof. Mayuri Wengurlekar	The 3rd IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS 2024)	VIIT, IEEE Computer Society Pune Chapter and IEEE Pune Section,	3	October 17-19, 2024
5	Prof Satish Yedage	The 3rd IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS 2024)	VIIT, IEEE Computer Society Pune Chapter and IEEE Pune Section,	3	October 17-19, 2024
6	Prof. Prashant Raut	2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA)	Dr. D. Y. Patil Institute of Technology , Pimpri	2	Oct 25-26, 2024.

### Term - Second

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date-End Date
1	Dr. N. J. Kulkarni	ICTIS 2025, Bangkok, Thailand	ICTIS 2025, Bangkok, Thailand	3	4 April-6 April 2025

2	Prof. Geetanjali Bansod	ICTIS 2025, Bangkok, Thailand	ICTIS 2025, Bangkok, Thailand	3	4 April-6 April 2025
3	Dr.Shankar Amalraj	ICTIS 2025, Bangkok, Thailand	ICTIS 2025, Bangkok, Thailand	3	4 April-6 April 2025
4	Prof. Prachi Thakar	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT)	Graphic Era Hill University, Bhimtal Campus	3	21 feb-23 feb 2025

## 2.8 CERTIFICATE/ ONLINE COURSES COMPLETED BY DEPARTMENT FACULTY (MOOCs, SWAYAM, NPTEL ETC.)

### Term - First

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date-End Date
1	Prof. Ulka Bansode	Introduction to Machine Learning	IIT Madras	12 Weeks	
2	Prof. Ashwini Kamble	Cloud Computing	IIT Kharagpur	12 Weeks	
3	Prof. Mayuri Vengurlekar	Deep Learning	IIT Madras	12 Weeks	

### Term - Second

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date-End Date
1	Prof. Ulka Bansode	Deep Learning-IIT Ropar	IIT Madras	12 Weeks	
2	Prof. Mayuri Vengurlekar	Natural Language Processing	IIT Kharagpur	12 Weeks	
3	Dr.Aparna Hambarde	System and usable Security	IIT Madras	4weeks	
4	Dr.Aparna Hambarde	Cryptography and network Security	IIT Madras	12 Weeks	
5	Prof. Sheetal A. Nirve	Introduction to Environmental Engineering and Science - Fundamental and Sustainability Concepts	NPTEL	12 Weeks	Jan-Apr 2025

- Few photographs with caption of related to faculty contribution (felicitations of faculty, photos of award function etc.) on new page.

3  
EVENTS  
AND  
ACTIVITIES  
FACILITATED

**3.1 FDP/MDP/STTP/FOP/WORKSHOP ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of FDPs/MDPs/STTPs/FOP / Workshops with the Name of Organisation Approved like ISTE</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Sponsor d/ Funding Agency (If any) and Amount (Rs.)</b>
1	Prof. G.D. Bansod & Prof M.M. Vengurlekar	One-week ISTE approved STTP on “ARVR (Augmented reality and Virtual Reality)”.	5 Days	8th July to 12th July 2024.	68	-

**Term - Second**

<b>Sr. No.</b>		<b>Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Sponsor d/ Funding Agency (If any) and Amount (Rs.)</b>
1	Prof. Geetanjali D. Bansod	Tech Camp on AWS Cloud Fundamental	3 Days	10th Feb to 12 Feb 2025	60	-
2	Dr.A.S.Hambarde / Dr. Umar Mulani	Recent Trend in Cloud Computing and Cloud Security	5 Days	13/1/2025 to 17/02/2025	52	-

**3.2 SEMINAR/WEBINARS ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

<b>Sr. No .</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Seminar/Webinar</b>	<b>Duration</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Funding Agency (If any) and Amount (Rs.)</b>
1	Dr. Aparna Hambarde	Technical Quiz Competition	2 Hours	19/09/2024 to 19/09/2024	150	-
2	Prof. Sheetal A. Nirve	The Rise of Cyber - Physical System (IEI)	2 Hours	15/10/2024 to 15/10/2024	48	-

**Term - Second**

<b>Sr. No .</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Seminar/Webinar</b>	<b>Duration</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Funding Agency (If any) and Amount (Rs.)</b>
1	Prof. A.G. Kamble	VAP on “Research Trend in Cloud Computing”	5 Days	13/01/2025 to 17/01/2025	116	-
2	Prof. Sheetal Nirve	Higher Studies: “ Mock Test for IELTS”	2 Days	16/01/2025 to 17/01/2025	45	-
3	Prof. Geetanjali D. Bansod	Tech Camp on AWS Cloud Fundamental	3 Days	10/02/2025 to 12/02/2025	60	-
4	Prof. Sheetal Nirve	Lateral MBA Courses	2 Hours	24/02/2025	110	-
5	Prof. Satish Yedge/ Dr. Vinod Ingale	Enhancing Technical Skills for Successful Placement	2 Hours	28/02/2025	84	-
6	Prof. Appasab Salunke	Library E-Learning Activity	2 Hours	04/03/2025	57	-
7	Prof. Sheetal Nirve	Placement and Higher studies opportunities through GATE & Other Competitive Exams	2 Hours	08/04/2025	109	-
8	Dr. Nikita Kulkarni	Advancing Innovation with IEEE Research Tool	1 Day	19/05/2025	15	-

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT.

#### Term - First

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
	Nil					

#### Term - Second

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
	Nil					

### 3.4 COLLABORATION WITH ACADEMIC AND PROFESSIONAL BODIES/ORGANIZATION (EXCLUDING INDUSTRY)

#### 3.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

##### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
1	Prof S.L.Yedage	CODEZONE IT SOLUTION	18/10/24	17/10/2029

##### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
	NO			

**3.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT  
(INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>	<b>Actual Activities under MOU</b>	<b>Number of Beneficiaries</b>
1	Prof. S. L. Yedage	CODEZONE IT SOLUTION	18/10/2024	17/10/2029	web technology	75
2	Prof. S. L. Yedage	hasatrix technologies pvt ltd	05-09-2023	05-09-2026		
3	Prof. S. L. Yedage	S2Tab software Pvt.Ltd Pune	05-09-2023	05-09-2026		
4	Prof. S. L. Yedage	veracity software Pvt Ltd	17/10/2023	17/10/2026		
5	Prof. S. L. Yedage	Uplodefoodie Solutions Pvt. Ltd. Pune	12-08-2022	12-08-2027		
6	Prof. S. L. Yedage	Dronasthra Energy Flights Pvt.Ltd. Thane	05-09-2022	05-09-2027		

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>	<b>Actual Activities under MOU</b>	<b>Number of Beneficiaries</b>

**3.5 EXTENSION AND OUTREACH ACTIVITIES CONDUCTED BY THE DEPARTMENT (SOCIAL ACTIVITIES / ANY OTHER ACTIVITY)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Collaborating Agency with Activity Details</b>	<b>Date</b>	<b>Number of Beneficiaries</b>
1	Prof. Sheetal A. Nirve	Career Counseling Activity and Engineering College Information Session	04/09/2025	65
2	Dr.A.S.Hambarde	Clean Campus Activity	11/10/2024	100
3	Dr.A.S.Hambarde	Orphanage Visit	24/10/2025	40

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Collaborating Agency with Activity Details</b>	<b>Date</b>	<b>Number of Beneficiaries</b>
1	Prof Prachi Thakar	Blind School Visit	23/1/2025	21
2	Prof.G.D. Bansod	Computer Donation Activities	24/1/2025	50
3	Dr.A.S.Hambarde	Marathi Bhasha Gaurav Diwas	27/02/2025	50

**3.6 SOCIAL ACTIVITIES ORGANISED BY THE DEPARTMENT (ENVIRONMENT CONSERVATION ACTIVITIES, WOMEN EMPOWERMENT ACTIVITIES, AWARENESS PROGRAMS ETC)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Social Activity</b>	<b>Date</b>	<b>Number of Students Participated</b>
1	Dr.A.S.Hambarde	Clean Campus Activity	11/10/2024	60
2	Dr.A.S.Hambarde	Orphanage Visit	24/10/2025	40

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of Social Activity</b>	<b>Date</b>	<b>Number of Students Participated</b>
1	Prof Prachi Thakar	Blind School Visit	23/1/2025	21

2	Prof.G.D. Bansod	Computer Donation Activities	24/1/2025	50
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### 3.7 STUDENT CHAPTERS /CLUBS

Sr. No.	Name of Student Chapter	Number of Student Members
1	Association of Computer Engineering student [ACES]	22
2	Higher Studies Club	20

#### 3.7.1 EVENTS ORGANISED BY STUDENT CHAPTERS / CLUBS AND OTHERS

Term - First

Name of Student Chapters: Association of Computer Engineering Students ACES

Name of faculty Adviser: Dr.Aparna Hambarde

Name of Student Chapters: Higher Studies Club

Name of faculty Adviser: Prof.[Sheetal Nirve](#)

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Durati on	Date	Number of Beneficiarie s
1	Quiz Competition on python language		2Hrs	30-7-2024	150
2	Photography competition		2Hrs	7-8-2024	35
3	Quiz Competition on Technical Question		2hrs	19-9-2024	150
4	Poster competition	Dr.Mulani, Prof.Ashwini Kamble	2Hrs	15-8-2024	30
5	Clean Campus Activity		3Hrs	11-10-2024	180
6	Rangoli Competition	Dr.Aparna Hambarde	3Hrs	11-10-2024	27
7	Visit to Orphanage		6Hrs	24-10-2024	80

### Term - Second

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Durati on	Date	Number of Beneficiaries
1	Farewell 2025		5Hrs	26-04-2025	250
2	A workshop on Fullstack Development	Mr.Kiran Digrase	5Hrs	8-04-2025	112
3	Marathi Bhasha divas		2 Hrs	27-2-2025	75
4	Blind School Visit	Prof.Prachi Thakkar	6 Hrs	23-1-2025	60
5	Higher Studies: “ Mock Test for IELTS”	Kaushik Gandhi	4Hr	16-01-2025 & 17-01-2025	51
6	Lateral MBA Courses	Prof. Akshaya	1Hr.	24-02-2025	90
7	Placement and Higher studies opportunities through GATE & Other Competitive Exams	Mr. Paresh Gugale	2Hr	08-04-2025	109

### 3.8 PARENT MEETING

Name of Faculty Coordinator/s	Date	Details of Parent meetings	Number of Parents Attended
Prof. Vinod Ingle	24th September 2024	Vision and Mission, PEOs, POs,PSO, Dept Details, University Results, Placement, Achievements, Alumni, Plan of semester	37
Dr. Vinod Ingle	18th January 2025	Vision and Mission, PEOs, POs,PSO, Dept Details, Internship, University Results, Placement, Achievements, Alumni, Plan of semester	29

### 3.9 ALUMNI MEET

Name of Faculty Coordinator/s	Date	Details of Alumni Meet	Number of Alumni Attended
Prof.Aparna Hambarde Prof.Reshma Patil	15/2/2025	Alumni meet was conducted for all Departments of KJCOEMR	47

### 3.10 ALUMNI SUPPORT (DONATION OF MONEY, BOOKS, EQUIPMENT ETC)

**Term - First**

<b>Sr. No.</b>	<b>Date</b>	<b>Name of Alumni</b>	<b>Position and Organisation</b>	<b>Batch (e.g. 2022-23)</b>	<b>Details of Support</b>

**Term - Second**

<b>Sr. No.</b>	<b>Date</b>	<b>Name of Alumni</b>	<b>Position and Organisation</b>	<b>Batch (e.g. 2022-23)</b>	<b>Details of Support</b>

**3.11 ACTIVITIES WITH ALUMNI**

**Term - First**

<b>Sr. No.</b>	<b>Name of Alumni</b>	<b>Name of Activity coordinator</b>	<b>Details of Activity conducted</b>	<b>Date and Duration</b>	<b>Total Number of Beneficiaries</b>
1	Mr.Arn timer Deshpande	Prof.Aparna Hambarde	Mr.Arn timer Deshpande has a session on Technical Interview Preparation	24 July 2024 2Hours	57
2	Mr.Jay Kor	Prof.Aparna Hambarde	Conducted Interview for his company Cloud stand	31st August 2024 4 Hours	10

**Term - Second**

<b>Sr. No.</b>	<b>Name of Alumni</b>	<b>Name of Activity coordinator</b>	<b>Details of Activity conducted</b>	<b>Date and Duration</b>	<b>Total Number of Beneficiaries</b>
1	Mr.Harsh Salunkhe	Prof.Aparna Hambarde Prof.Reshma Patil	Mr.Harsh Salunkhe has a session on Enhancing Technical Skill for Placement	28 Feb 2025 2Hours	68

**3.12 ADD ON /CERTIFICATE/VALUE ADDED PROGRAMS ORGANISED BY DEPARTMENT (MINIMUM 30 HOURS DURATION)**

**Term - First**

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Add On /Certificate/Value Added Programs</b>	<b>Duration in Days</b>	<b>Start Date – End Date</b>	<b>Total Number of Beneficiaries</b>
1	Prof.Ashwini Kamble	<b>Augmented Reality and Virtual Reality</b>	6hrs	8/07/2024 - 12/07/2024	114

**Term - Second**

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Add On /Certificate/Value Added Programs</b>	<b>Duration in Days</b>	<b>Start Date – End Date</b>	<b>Total Number of Beneficiaries</b>
1	Prof.Ashwini Kamble	<b>Research Trends in Cloud Computing</b>	6hrs	13/01/2025-17/01/2025	116

**3.13 GUIDANCE FOR COMPETITIVE EXAMINATIONS/CAREER COUNSELING AT THE DEPARTMENT LEVEL**

<b>Faculty coordinator</b>	<b>Competitive Examinations/Career Counseling Activity Details</b>	<b>Total Number of Beneficiaries</b>
Prof. Sheetal A. Nirve	Higher Studies: “ Mock Test for IELTS” by Kaushik Gandhi on 16-01-2025 & 17-01-2025	51
Prof. Sheetal A. Nirve	Lateral MBA Courses Seminar by, Prof. Akshaya on 24-02-2025	90
Prof. Sheetal A. Nirve	Placement and Higher studies opportunities through GATE & Other Competitive Exams by, Mr. Paresh Gugale on 08-04-2025	109

- Few good photographs with caption related to different activities organized on new page

4

RESEARCH  
AND  
CONSULTANCY

#### 4.1 INTELLECTUAL PROPERTY ASSETS

##### 4.1.1 PATENTS

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted / Published

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published
1	Prof. Ulka M Bansode	Machine Learning Based Predictive Model for Leaf Nutrient deficiency in Crops	202541013221	International	Published

##### 4.1.2 COPYRIGHT, TRADEMARK AND OTHER (IPR)

###### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and organized by with Dates	National / International	ISBN Number of the Proceeding
	nil					

**Term – Second**

<b>Sr. No.</b>	<b>Name of Applicant Faculty</b>	<b>Title of the Copyright/Trademark / Other (IPR)</b>	<b>Application Number and Date</b>	<b>Type (National/ International/ Utility)</b>
1	Mrs. Anita S. Biradar, Dr.Aparna Hambarde, Dr.Shankar Amalraj, Dr.Nikita Kulkarni, Dr.Suhas Khot	Social media Based Hate Speech Detection using Machine learning	LD-19775/2025- CO	NA
2	Budhner Nutan, Dr.Aparna Hambarde, Dr. Nikita Kulkarni, Dr.Shankar Amalraj, Dr. Suhas Khot	Social media sentiment analysis using machine learning	LD-19443/2025- CO	NA
3	Mr. Pradeep Paygude, Dr.Aparna Hambarde, Dr.Nikita Kulkarni, Dr.Shankar Amalraj, Dr.Suhas Khot	Smart Vision with Image Recognition	LD-20901/2025- CO	NA
4	Pradnya Maruti Shinde, Dr.Umar Mulani, Dr. Shankar Amalraj, Dr.Nikita Kulkarni Dr.Suhas Khot	Depression Recognition Using Optimal Feature Selection- Based Hidden Morkov Model	LD-19669/2025- CO	NA
5	Ms. Sayali Kalyan Sonawane, Dr. Nikita Kulkarni, Dr.Aparna Hambarde, Dr.Suhas Khot	Deep Learning For Lukeamia Diagnosi	LD-21147/2025- CO	NA
6	Ms. Shalaka Shridhar Bibikar, Dr. Aparna Hambarde, Dr.Nikita Kulkarni, Dr.Shankar Amalraj Dr.Suhas Khot	Developing a Blockchain Based eVault for Legal Records	LD-20900/2025- CO	NA
7	Prathamesh Jamale, Jankee Patil, Surbhi Kate,	Enhancement of Image Forgery Detection using Error Level Analysis	LD- 21331/2025-CO	NA

	Sakshi Loni And Prof Harsha Jain			
8	Aditya Ratnakar Kotame, Samruddhi Vinayak Latore, Vrushali Vasant Khade, Vaishnavi Ganesh Jedhe Dr. Aparna Hambarde	AIML Based Intelligent Dehazing And Desmoking Algorithm	LD-21463/2025- CO	NA
9	Vivek Adawale, Prathmesh Bamne, Soham Bhamare, Aditya Desai And Dr.Nikita Kulkarn	LSTM Based Approach for Deepfake Video Detection	LD-21218/2025- CO	NA
10	Aditya Lugade, Vishal Kaushal, Parth Khamkar, Prashant Raut, Shankar Amalraj	home automation using ML for gesture control and safety detection	LD-19558/2025- CO	NA
11	Aditya Borhade, Karan Kurade, Manoj Sinnur, Manure Arjun, And Prof.Shankar Amalraj	Logical Based firebreaks in cyber attack in nuclear domain	LD-21377/2025- CO	NA
12	Satish Yedage, Nilesh Gadilkar, Sanket Bathe, Rohit Bhandari, Swapnil Bankar	Agriculture Pest Detection using ML and DL	LD-21465/2025- CO	NA
13	Prof.Mayuri Vengurlekar	Customer and Price Analysis for Customer Retention using Churn Modelling	LD-20793/2025- CO	NA
14	Firdous Attar, Pooja Gorade, Shivani Kardule, Arpita Wadavane And Prof.Geetanjali Bansod	UPI Fraud Detection System Using Ensembling model of XG Boost Method	LD-21193/2025- CO	NA

15	Ayush Bhure, Bhushit Jaiswal, Aditya Jadhav And Dr. Nikita Kulkarn	Language Translation Toll for Indian Languages in Chat System	LD- 21216/2025-CO	NA
16	Mansuri Musaddiq , Ameen Kazi, Yash Kori And Prof.Aparna Hambarde	Identification and analysis of malicious Applications	LD-21464/2025- CO	NA
17	Ramkrishna Masan, Sangram Gangane, Arya Deopurkar, Karan Sasane And Dr.Shankar Amalraj	Multimedia Deepfake Detection using Deep Learning	LD-20782/2025- CO	NA
18	Saniya Devale, Anushka Khedekar, Manasi Gaikwad, Dnyaneshwari More, Dr. Vinod Ingale And Dr.Shankar Amalraj	Computational Catalyst Discovery Using Machine Learning	LD-20790/2025- CO	NA
19	Diksha Shinde	A Privacy Preserving Enforced Bill Collection System Using Smart Contract	LD-21290/2025- CO	NA
20	Shweta Putte	DETECTION OF IMAGE SPLICING USING CNN	LD-20847/2025- CO	NA
21	Zeeshan Shaikh	Smart Hiring System using Artificial Intelligence	LD-20789/2025- CO	NA
22	Shankar-Amalraj	Multimedia Deepfake Detection using Deep Learning	LD-20782/2025- CO	NA
23	Saket Patil, Vaishnavi Patil, Dnyaneshwari Navathar, Aditi	Text to music Generation using	LD-21506/2025- CO	NA

	Ghugarkar And Prof.Shital Nirve	Generative AI		
24	Parul Patil, Yash Patel, Prajakta Jagtap And Prof.Geetanjali Bansod	Multiple Disease Detection Using Machine Learning	LD-21194/2025-CO	NA
25	Manoj Pise , Ajit Waman , Rameshwar Vishwakarma , Suraj Suryawanshi And Prof. Ashwini Kamble, Prof. Shankar Amalraj	Blockchain based disk space rental platform	LD-21505/2025-CO	NA
26	Shankar-Amalraj	Felidae species recognition using transfer learning	LD-19670/2025-CO	NA
27	Tejas Sonar	Fashion Trend Prediction	LD-21117/2025-CO	NA
28	Daksha Pawar, Shreya Shitole, Yadav Balaji, Harsha Jain	AR Educational Applications Enhancing Learning Through Augmented Reality	LD-20806/2025-CO	NA

## 4.2 PUBLICATIONS

### 4.2.1 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

#### Term – First

Sr. No .	Name of Author/s	Title of the per	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding
1	Prof. Vinod Ingale	Healthcare is being revolutionized by AI-Powered Solutions and	15th International IEEE Conference	IIT Mandi.	International	979-8-3503-7024-9

		technological integration for easily accessible and efficient medical care.	on Computing , communication and Network Technologies,			
2	Prof. Vinod Ingale	IOT Based Crop recommendation Using deep Learning	ICCCCM-2024	United College of Engg & Research, Prayagraj , UP	International	979-8-3503-7168-0
3	Dr. Umar Mulani	Smart contracts system with blockchain capability for Improved supply chain management traceability and Transparency	The 15th International IEEE conference on computing communication and network Technologies	IIT Mandi.	International	979-8-3503-7024-9
4	Prof. Mayuri Wengurlekar	Eyes on Health: A Deep Learning Approach for Ocular or Eyes Disease Detection	The 3rd IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS 2024)	VIIT, IEEE Computer Society Pune Chapter and IEEE Pune Section,	International	On Progress
5	Prof Satish Yedage	Eyes on Health: A Deep Learning Approach for Ocular or Eyes Disease Detection	The 3rd IEEE International Conference on Blockchain and Distributed Systems Security (ICBDS 2024)	VIIT, IEEE Computer Society Pune Chapter and IEEE Pune Section,	International	On Progress

6	Prof. Prashant Raut	Disease Prediction with Ayurvedic Remedies Suggestion and Hospital Recommendation using ML and DL	2024 International Conference on Intelligent Systems and Advanced Applications (ICISAA)	Dr. D. Y. Patil Institute of Technology, Pimpri	International	979-8-3315-3994-8
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**Term – Second**

Sr. No .	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding
1	Dr. N.J. Kulkarni	Development Of Optimized Ensemble Machine Learning Model Through Xg Boost And Random Forest For Upi Fraud Detection	ICT for Intelligent Systems: Proceedings of ICTIS 2025 Springer LNNS. ISSN: 2367-3370, Series : <a href="https://www.springer.com/series/15179">https://www.springer.com/series/15179</a>	ICTIS 2025, Bangkok, Thailand	International	<u>On Progress</u>
2	Prof. Geetanjali Bansod	Development Of Optimized Ensemble Machine Learning Model Through Xg Boost And Random Forest For Upi Fraud Detection	ICT for Intelligent Systems: Proceedings of ICTIS 2025 Springer LNNS. ISSN: 2367-3370, Series : <a href="https://www.springer.com/series/15179">https://www.springer.com/series/15179</a>	ICTIS 2025, Bangkok, Thailand	International	<u>On Progress</u>

3	Dr.Shankar Amalraj	Development Of Optimized Ensemble Machine Learning Model Through Xg Boost And Random Forest For Upi Fraud Detection	ICT for Intelligent Systems: Proceedings of ICTIS 2025 Springer LNNS. ISSN: 2367-3370, Series : <a href="https://www.springer.com/series/15179">https://www.springer.com/series/15179</a>	ICTIS 2025, Bangkok, Thailand	International	<u>On Progress</u>
4	Prof. Prachi Thakar	Machine Learning For Wireless Network Optimization: Algorithms And Applications For Adaptive Communication	2025 First International Conference on Advances in Computer Science, Electrical, Electronics, and Communication Technologies (CE2CT)	Graphic Era Hill University, Bhimtal Campus	International	<u>On Progress</u>

#### 4.2.2 PAPERS PUBLISHED IN JOURNALS

##### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, Impact ISSN Number, Factor etc.	Indexing
1	Dr.Nikita Kulkarni	Legal and Management Framework for AI-Powered IoT Communication in	Frontiers in Health Informatics	Vol 13: Issue 3ISSN-Online: 2676-7104	Scopus

		Medical Device Systems: A Regulatory Analysis			
2	Dr.Nikita Kulkarni	Human in Loop Machine Learning: A Paradigm Shift	Panamerican Mathemaical Journal	Vol:35ISSN:1064-9735	Scopus
3	Dr.Nikita Kulkarni	Adaptive Multidimenssional trust-based recommendation model for peer to peer applications	DE GRUYTER	<a href="https://doi.org/10.1515/eng-2024-0049">https://doi.org/10.1515/eng-2024-0049</a>	Scopus
4	Dr.Nikita Kulkarni	Anticipating Solar Photovoltaic Panel Output One Day in Advance with Gaussian Mixture Model	IEEE Explore	<b>Electronic ISBN:979-8-3503-6496-5</b> <b>Print on Demand(PoD) ISBN:979-8-3503-6497-2</b>	Scopus
5	Prof. Harsha Jain	A Survey On Ar Educational Applications: Enhancing Learning Through Augmented Reality	International Journal of Data Science and Artificial Intelligence (IJDSAI)	Volume 02, Issue 06ISSN: 2584-1041	Pubmed
6	Prof Geetanjali Bansod	Extensive Review on Multiple Disease Detection using Machine Learning	International Journal for Research in Applied Science and Engineering Technology	Volume:12 Issue XI ISSN:2321	Google scholar
7	Prof Geetanjali Bansod	Legal and Management Framework for AI-Powered IoT Communication in Medical Device Systems: A Regulatory Analysis	Frontiers in Health Informatics	Vol 13: Issue 3ISSN-Online: 2676-7104	Scopus

8	Geetanjali Bansod	Detecting Fraud in UPI transaction: A study using XGBoost & Random Forest	International Journal of Scientific Research in Engineering and Management (IJSREM)	ISSN: 2582-3930	Google scholar
9	Prof.A.S.Hambarde	Machine Learning Based On Graphs For Predictive Modeling In Intricate Network Data	Journal of University of Shanghai for Science and Technology	Volume 26, Issue 10ISSN: 1007-6735	Scopus
10	Prof.A.S.Hambarde	Using Random Forests And Internet Of Things Sensors To Optimize Predictive Maintenance In Smart Factories	COMPUTER RESEARCH AND DEVELOPMENT	VOLUME 24 ISSUE 10ISSN :1000-1239)	Scopus
11	Prof.A.S.Hambarde	Utilizing A Hybrid Gru Intrusion Detection System To Improve The Security Of Iot-Based Smart Farming	Journal For Basic Sciences	Volume 24, Issue 10,ISSN NO : 1006-8341	Scopus
12	Dr. Shankar Amalraj	Manual ana Adaptive tuned PID controllers for industrial applications	International Conference on Advanced Computing and Innovative Technologies in Engineering	Volume 1 ISBN: 997-9798-350-360-172	Scopus
13	Dr. Shankar Amalraj	ZIF-67 derivatives of NiCo <sub>2</sub> S <sub>4</sub> Decorated in Salen-Complex Amine Functionalization Go Layers for High Performance Applications in Supercapacitor Devices	Luminescence	Volume :39 Issue:11ISSN: 1522-7243	SCI

14	Dr. Shankar Amalraj	Review: Perovskite nanostructures materials versatile platform for advance biosensor applications	Elsevier	Volume: 7 ISSN:2666-0539	SCI
15	Vinod Ingale	Extensive Review paper on Computational Catalyst Discovery using Machine Learning Algorithm	International Journal For Research in Applied Science & Engg Technology	Volume 12, Issue 112321-9653	UGC Care
16	Prof Ulka Bansode	A Facial Expression Recognition System for Song Recommendation using CNN	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume: 08 Issue: 11ISSN: 2582-3930	UGC Care
17	Prof. Prashant Raut	Multimedia Deepfake detection using Deep Learning	International Journal of Scientific Research in Engineering and Management	ISSN:2582-3930	UGC Care
18	Prof.Ashwini Kamble	Review of smart traffic control based on pixel labeling and sort tracker	International Journal of All Research Education and scientific methods	ISSN: 2455-6211	UGC Care
19	Prof. M.M. Vengurlekar	Customer And Price Analysis For Customer Retention Using Churn Modelling - Survey Paper	International Journal of Scientific Research in Engineering and Management (IJSREM)	Volume 8 Issue 11ISSN: 2582-3930	UGC Care

**Term – Second**

<b>Sr. No.</b>	<b>Name of Author/s</b>	<b>Title of the Paper</b>	<b>Name of Journal</b>	<b>Publication Details Like Month and Year, Volume(Issue ), Page Numbers, , ISSN Number, Impact Factor etc.</b>	<b>Indexing</b>
1	Dr.Nikita Kulkarni	From Theory to Practice: Simulating Zero Trust Architecture with Python for Cybersecurity	ASEAN Journal on Science and Technology for Development	2224-9028	Scopus
2	Prof. Harsha Jain	Digital Image Forgery Detection using Deep Learning	International Journal for Research in Applied Science & Engineering Technology (IJRASET)	Volume 13 Issue I 2321-9653	Google Scholar
3	Dr. Shankar Amalraj	Comprehensive study on Economic Investment in Solar Power Plants Using CuO and Al <sub>2</sub> O <sub>3</sub> Nanofluid Cooling Mechanism	Case studies in Thermal Engineering	not allotted yet ISSN: 2214-157X	SCI
4	Sheetal Nirve	A Research Paper on AI Music Generator Using Streamlit and MusicGen	International Journal of Research Publication and Reviews	, Vol 5, no 12,ISSN 2582-7421	Google Scholar

5	Sheetal Nirve	A Research Paper on AI Music Generator Using Streamlit and Music Gen	International Journal of All Research Education & Scientific Methods	Volume 12, Issue 12,, ISSN No: 2455-6211	UGC Care
6	Sheetal Nirve	Early Detection of Diabetic Nephropathy Using Machine Learning Models and Retrospective Clinical Data	Journal of Information Systems Engineering and Management	Volume 10, Issue 30ISSN No.-2468-4376	Scopus
7	Prof. Prashant Raut	Disease Prediction with Ayurvedic Remedies Suggestion and Hospital Recommendation using ML and DL	IEEE Explore	pp. 1-6, doi: 10.1109/ICISA A62385.2024. 10828665.	Scopus
8	Prof. Ashwini Kamble	Decentralized Blockchain Based disk rental system with enhanced security and efficiency	International Journal of Data Science and Artificial Intelligence	Volume: 02. Issue:06	UGC Care
9	Prof. M.M. Vengurlekar	Eyes on Health: A Deep Learning Approach for Ocular or Eyes Disease Detection	IEEE Explore	979-8-3503-5434-8 pp. 1-6, doi: 10.1109/ICISA A62385.2024. 10828665.	pp. 1-6, doi: 10.1109/ICISAA62385.2024. 10828665.
10	Prof. M.M. Vengurlekar	REVIEW ON ANIMAL SPECIES RECOGNITION USING TRANSFER LEARNING	International Journal of Data Science and Artificial Intelligence - IJDSAI	E-ISSN: 2584-1041	International

11	Prof. S.L.Yedage	Eyes on Health: A Deep Learning Approach for Ocular or Eyes Disease Detection	IEEE Explore	979-8-3503-5434-8	IEEE
12	prof. Satish Yedage	Fashion Trends Prediction Tool	International Journal of Scientific Research in Engineering and Management	ISSN: 2582-3930	UGC Care
13	Prof. Vidya Ritesh Dhoke	hand gestures controlled powerpoint presentation	International Journal of Scientific Research in Engineering and Management	Volume: 11 Issue 05 May 20252395-1052	UGC Care
14	Dr. Aparna S Hambarde	Pricing Influenced by Machine Learning Online Retailers' Optimization for Dynamic Pricing: A Survey	Communications on Applied Nonlinear Analysis	1074-133X	International Journal

#### 4.2.3 BOOK PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Dr. Nikita Kulkarni	Artificial Intelligence in Healthcare	January 2025	978-93-5762-391-9
2	Dr. Nikita Kulkarni	Digital Circuits	May 2025	9789365541748

#### 4.2.4 BOOK CHAPTER PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book Chapter	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Prof. S.A.Nirve	Effect of Batch size and accuracy of Weed Classification	Acceptance with Progress	Acceptance with Progress

#### 4.2.5 RESEARCH CITATIONS (SOURCE: WS/SCOPUS/GOOGLE SCHOLAR - AS ON 31<sup>TH</sup> MAY)

##### Total Citations of Department:

Sr. No.	Name of Faculty	Citations	h-index	i10 index
1	Dr.Nikita Kulkarni	396	7	6
2	Dr. Shankhar	278	9	9
3	Dr. Umar Mulani	50	4	2
4	Dr.A.S.Hambarde	5	1	
5	Prof. S.L.Yedage			
6	Prof. P.V. Raut	1	1	
7	Prof. A.G. Kambale			
8	Prof. M.M. Vengurlekar			
9	Prof. S.A. Nirve			
10	Prof. G.D. Bansod	7	1	
11	Prof. H.S. Jain	5	1	0
12	Prof. Vinod Ingale	57	5	1
13	Prof. Ulka Bansode			
14	Prof. Reshma Patil	3	1	
15	Prof. Afrin Sheikh			
16	Prof. Prachi Thakar	44	3	2
17	Prof. Appasaheb Salunkhe			

18	Prof.Amrapali Gayakwad			
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#### 4.3 EXTERNAL FINANCIAL SUPPORT

##### 4.3.1 GRANT-SUPPORTED/ SPONSORED RESEARCH PROJECT

Sr. No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Duration of the Project	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
	Nil					

##### 4.3.2 GRANTS/FINANCIAL SUPPORT FOR OTHER ACTIVITIES

Sr. No.	Faculty Coordinator	Name of the Activity	Duration of the Activity	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
	Nil					

#### 4.4 CONSULTANCY AND TESTING

Sr. No.	Faculty Coordinator	Details of Consultancy and Testing Conducted	Revenue Generated (Rs.)
	Nil		

#### 4.5 POSTGRADUATE AND DOCTORAL DEGREES AWARDED

##### 4.5.1 MASTER OF ENGINEERING DEGREE AWARDED (FOR DEPARTMENTS HAVING POST GRADUATION COURSE)

Sr. No.	Name of Supervisor	Title of Dissertation	Name of Candidate
1	Dr.Aparna Hambarde	SOCIAL MEDIA SENTIMENT ANALYSIS USING MACHINE LEARNING	BUDHNER NUTAN KUMAR
2	Dr.Aparna Hambarde	SOCIAL MEDIA BASED HATE SPEECH DETECTION USING MACHINE LEARNING	BIRADAR ANITA SHESHERAO

3	Dr.Nikita Kulkarni	DEPRESSION RECOGNITION USING OPTIMAL FEATURE SELECTION - BASED HIDDEN MARKOV CNN MODEL	PRADNYA MARUTI SHINDE
4	Dr.Nikita Kulkarni	SKIN CANCER CLASSIFICATION USING CNN FOR SMART HEALTHCARE SYSTEM	POOJA APPASO VACHKAL
5	Dr.Nikita Kulkarni	DEEP LEARNING FOR LEUKEMIA DIAGNOSIS	SAYALI KALYAN SONAWANE
6	Dr.Aparna Hambarde	DEVELOPING A BLOCKCHAIN BASED EVAUULT FOR LEGAL RECORDS	BIBIKAR SHALAKA SHRIDHAR
7	Dr.Aparna Hambarde	SMART VISION FOR VISUAL EMPIRED WITH IMAGE RECOGNIZATION USING OPEN CV	PRADEEP BHAGWANT PAYGUDE

#### 4.5.2 PhD AWARDED (FOR DEPARTMENTS HAVING PH.D RESEARCH CENTRE)

##### 4.5.2.1 PhD GUIDE DETAILS

Sr. No.	Faculty Name (Ph.D. Supervisor)	Number of Scholars Registered

##### 4.5.2.2 DOCTOR OF PHILOSOPHY (PH.D.) DEGREES AWARDED

Sr. No.	Name of Supervisor	Title of Thesis	Name of Candidate
1	Dr.Shankar Amalraj	Hybrid deep learning method for detection of liver cancer	Dr.Sunita Deshmukh

- Few good photographs with caption related to different activities under Research, Innovation and IPR on new page.

5

INDUSTRY  
INSTITUTE  
INTERACTION

## 5.1 VISITS TO INDUSTRIES/SITES ORGANIZED

### Term – First

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit

### Term – Second

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
1	Prof Satish Yedage	TE	45	Radiant IT Services, Pune	27/3/2025

## 5.2 EXPERT TALKS AND WEBINARS DELIVERED BY INDUSTRY PROFESSIONALS

### Term – First

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
1	Prof Satish Yedage	SE	75	Shubhangi Katashonde	WEB TECHNOLOGY	18/10/2024
2	Prof.A.G.Kamble	BE	71	Prof.Rahul Sonkamble (Assistant Professor, MIT,ADT,Pune)	Blockchain Technology	10/08/2024

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Class</b>	<b>Number of Students Benefited</b>	<b>Details of Expert ( Name, Industry, Designation and Contact )</b>	<b>Topic</b>	<b>Date of Visit</b>
1	Prof. G. D. Bansod	SE	60	Name - Mitu Swain Designation- Talent Development Manager Mail Id- <a href="mailto:mitu@eduskillsfoundation.org">mitu@eduskillsfoundation.org</a>	Tech Camp On AWS colud Foundati on	

**5.3 INDUSTRY SPONSORED PROJECTS (UG/PG)**

<b>Sr. No.</b>	<b>Name of Project Guide</b>	<b>Title of Project</b>	<b>Name of Sponsoring Industry</b>	<b>Details of Sponsorship</b>

**5.4 COLLABORATION WITH INDUSTRY**

**5.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>
1	Prof Satish Yedage	CODEZONE IT Solution	18/10/2024	18/10/2027

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>

**5.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>	<b>Actual Activities under each MOU</b>	<b>Number of Beneficiaries</b>
1	Prof Satish Yedage	CODEZONE IT SOLUTION	18/10/24	17/10/2029	web technology	75
2	Prof Satish Yedage	hashtrix technologies pvt ltd	05-09-2023	05-09-2026		
3	Prof Satish Yedage	S2Tab software Pvt.Ltd Pune	05-09-2023	05-09-2026		
4	Prof Satish Yedage	veracity softwar Pvt Ltd	17/10/23	17/10/26		
5	Prof Satish Yedage	Uplodefoodie Solutions Pvt. Ltd. Pune	12-08-2022	12-08-2027		
6	Prof Satish Yedage	Dronasthra Energy Flights Pvt.Ltd. Thane	05-09-2022	05-09-2027		

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Name of Industry</b>	<b>Date of MoU Signed</b>	<b>Validity End Date (DD/MM/YYYY)</b>	<b>Actual Activities under each MOU</b>	<b>Number of Beneficiaries</b>

**5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of Industry</b>	<b>Start Date - End Date</b>	<b>Duration</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of Industry</b>	<b>Start Date - End Date</b>	<b>Duration</b>
1	Prof Satish Yedage	Zendsar	21/01/2025	1 day

**5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME**

**Term – First**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Class</b>	<b>Name of Industry</b>	<b>Start Date - End Date</b>	<b>Duration</b>

**Term – Second**

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration
1	ADSULE GANESH SURESH	TE A	EYGDS , Cohort - PaloAlto Network	10th February 2025 - 21st March 2025	1.5 months
2	AMAAN AFSAR SAYYED	TE A	EYGDS, VOIS, Zensar ESD	10th February 2025 - 21st March 2025	1.5 months
3	ATTAR JIBRAN SIKANDAR	TE A	EY - GDS	10th February 2025 - 21st March 2025	1.5 months
4	BARHANPURE PARTH SUSHANT	TE A	VOIS	10th January 2025 - 05th February 2025	1 month
5	BHAGAT MUSTAFA GULAMABBAS	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
6	BHAGAT SNEHAL KANHAIYLAL	TE A	SAP	Dec 2024- Jan 2025	1 month
7	BHONDAVE DIPAK MACHINDRA	TE A	EY-GDS	10th February 2025 - 21st March 2025	1.5 months
8	BHOSALE SAURABH ANIL	TE A	EY-GDS	10th February 2025 - 21st March 2025	1.5 months
9	CHINCHPURKA R VISHAKHA VISHNU	TE A	EY-GDS	10th February 2025 - 21st March 2025	1.5 months
10	CHOUGALE ATHARV MAHADEV	TE A	EY-GDS	10th January 2025 - 05th February 2025	1 month
11	DAHIVALIKAR TANMAY HARISCHANDR A	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
12	DANEKAR ANIKET GANESHAPPA	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
13	DARADE RANJIT AMBADAS	TE A	EYGDS , ZENSAR ESD	10th February 2025 - 21st March 2025	1.5 months

14	DAREKAR PRANAV SUNIL	TE A	SAP ,VOIS	23rd December 2024 to 17th January 2025	1 month
15	DEEP CHAKRABORTY	TE A	Soluxction Space LLP & VOIS	10th January 2025 - 05th February 2025	1.5 months
16	DEEPTI SANJAY SHAH	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
17	DESHMANE DHANASHREE KUNDLIK	TE A	Zensar,EY- GDS,VOIS	10th February 2025 - 21st March 2025	1.5 months
18	DHAGE PARTH RAJENDRA	TE A	EY - GDS	10th February 2025 - 21st March 2025	1.5 months
19	DHENDE RUCHITA PRADEEP	TE A	zensar, EY- GDS,VOIS	10th February 2025 - 21st March 2025	1.5 months
20	DORAGE SWARAJ SANJAY	TE A	EY - GDS	10th February 2025 - 21st March 2025	1.5 months
21	DUDHANE VEDANT VIJAY	TE A	Soluxction Space LLP	4th January 2025- 20th January 2025	0.5 month
22	DUDHANE VISHAKHA MAHESH	TE A	EY-GDS	10th February 2025 - 21st March 2025	1.5 months
23	DURGUDE SAHIL KHANDU	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
24	EKBOTE PARTH SRINIVAS	TE A	EY-GDS	10th February 2025 - 21st March 2025	1.5 months
25	GAIKWAD PRATHAMESH PRASHANT	TE A	Service and Developer Pvt Ltd.	10th February 2025 - 10th March 2025	1.5 months
26	GAIKWAD PRATHMESH JITENDRA	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
27	GIRI BHAGESHREE SUNIL	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months

28	GOUD KANISHKA AMIT	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
29	GUNJKAR SACHIN GANESH	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
30	HALGE ONKAR BHIMASHANK AR	TE A	Soluxction Space LLP	4th January 2025- 20th January 2025	0.5 month
31	HARISH SENTHIL	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
32	HEGNEKAR SUNAYANA SAGAR	TE A	EYGDS	10th February 2025 - 21st March 2025	1.5 months
33	IDRISHI YASMIN MOHAMMED KAMRUDDIN	TE A	EYGDS & VOIS	10th February 2025 - 21st March 2025	1.5 months
34	INGALE OMKAR GANESH	TE A	SAP&VOIS	23rd December 2024 to 17th January 2025	1 month
35	JADHAV CHAITANYA UDDHAV	TE A	EYGDS	10th February 2025 - 21st March 2025	1.5 months
36	JADHAV PRAMOD PANDURANG	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
37	JADHAV SHREYA PRAKASH	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
38	JADHAV SHUBHAM HARISHCHAND RA	TE A	EY GDS	10th February 2025 - 21st March 2025	1.5 months
39	JADHAV SUDARSHAN DAYANAND	TE A	VOIS	10th January 2025 - 05th February 2025	1 month
40	JAGTAP HARSHADA VIJAY	TE A	Zensar ,EYGDS, VOIS	10th February 2025 - 21st March 2025	1.5 months

41	JAGTAP TEJAS VALMIK	TE A	zensar, VOIS	10th January 2025 - 05th February 2025	1 month
42	JAGTAP VAISHNAVI VILAS	TE A	EYGDS	10th February 2025 - 21st March 2025	1.5 months
43	JANGAM SHREYASH RAJENDRA	TE A	Service and Developer Pvt Ltd.	10th February 2025 - 10th March 2025	1.5 months
44	KADAM ARYAN SANTOSH	TE A	CodeSoft Code Create Succeed	5th January 2025 to 5th February 2025	1 month
45	KALE KADAMBARI KAILAS	TE A	SAP	23rd December 2024 to 17th January 2025	1 month
46	KALE KANHAIYA MAROTI	TE A	EYGDS	01st February 2025 to 31st March 2025	2 months
47	KARPE SAMIKSHA SANTOSH	TE A	EYGDS, VOIS, Zensar ESD	10th January 2025 - 05th February 2025	1 month
48	KATHILE OMKAR JAGANNATH	TE A	Eduskill cohort-11	January 2025 to March 2025	3 month
49	KAZI ARBAAZ NAIM	TE A	EYGDS, VOIS, Zensar ESD	Oct 2024 to December 2024	3 month
50	KESHRI AMIT SIDDHANATHP RASAD	TE A	VOIS	10th January 2025 - 05th February 2025	1 month
51	KHAIRNAR TEJAS SHASHIKANT	TE A	soluxction space llp , Zensar	4th January 2025- 20th January 2025	0.5 month
52	KHEDKAR SACHIN DATTATRAY	TE A	SAP-code unnati	23rd December 2024 to 17th January 2025	1 month
53	KHEMNAR PRATIK BALASAHEB	TE A	Zensar , EYGDS , VOIS	10th February 2025 to 21st March 2025	1.5 months
54	KOLEKAR VISHAKHA SHHAJI	TE A	EY - GDS Next Gen Employability	10th February 2025 to 21st March 2025	1.5 months

55	LAKADE ANIKET SATISH	TE A	codesoft , Eduskill cohort 11	January 2025 to March 2025	3 months
56	LOKHANDE VAIBHAV SANJAY	TE A	EY - GDS Next Gen Employability	10th February 2025 to 21st March 2025	1.5 months
57	PAWAR RUSHIKESH S	TE A	EYGDS	10th February 2025 to 21st March 2025	1.5 months
58	KSHIRSAGAR ASHISH P	TE A	Codsoft	01st January 2025 to 31st January 2025	1 month
59	GARUD PRANAV S	TE A	CodSoft	01st January 2025 to 31st January 2025	1 month
60	KAMBLE SAKSHI	TE A	YBI foundation	10th January 2025 to 08th February 2025	1 month
61	SHARUDDHI V RUPANAWAD	TE A	Internpe	01st January 2025 to 31st January 2025	1 month
62	VEERAJ CHAUDHARI	TE A	Codesoft	01st January 2025 to 31st January 2025	1 month
63	AHER OMKAR	TE A	Codesoft	01st January 2025 to 31st January 2025	1 month
64	ABU SUFIYAN SHAIKH	TE A	All/OPS Technologies Pvt Ltd	01st January 2025 to 31st January 2025	1 month
65	SUJIT ASHOK KALE	TE A	Bigbooster, EY-GDS, Code soft	05th Oct 2025 to 09th January 2025	3 months
66	SONALI SHARAD BANSODE	TE A	VOIS, CODSOFT	10th Oct 2024 to 8th November 2024	1 month
67	MAGAR SAURABH VITTHAL	TE B	EY GDS	10th February 2025 - 21st March 2025	1.5 months
68	MALUSARE SHREYAS SANDEEP	TE B	codtech education	30th March 2025 - 30th April 2025	1.5 months

69	MANNA SUROJEET GAUTAM	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
70	MARGUDRI SWAYAM ANIL	TE B	EY-GDS Next Gen Employability , VOIS	10th January 2025 - 05th February 2025	1.5 months
71	MISAL SHIVAM PANDURANG	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
72	MOMIN MUBASHSHEE RA JAVED	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
73	NIKAM ADITYA PRAKASH	TE B	Infosys -Web Development tutorial	27th February 2025 - 20th April 2025	1.5 months
74	PAL ROHIT PRAKASH	TE B	EY-DGS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
75	PAPAL VARUN VIKAS	TE B	codtech education	30th March 2025 - 30th April 2025	1.5 months
76	PATIL MANASI SUNIL	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
77	PATIL PRERANA SHIVAJI	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
78	PATIL VIRAJ NARENDRA	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
79	PATOLE VAISHNAVI NANDU	TE B	EY-DGS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
80	POMANE ONKAR LAHU	TE B	SAP	23rd December 2024 to 17th January 2025	1.5 months
81	PURAM SARGAM SHRIKANT	TE B	Kusol Labs Limited	27th January 2025 - 15th April 2025	1.5 months
82	RAJPUT HARSH PRADEEP	TE B	EY-DGS Next Gen Employability & VOIS	10th January 2025 - 05th February 2025	1.5 months

83	RANGWALA HUSSAIN SHABBIR	TE B	Soluxction Space LLP, VOIS, Zensar	10th January 2025 - 05th February 2025	1.5 months
84	RASKAR SANSKAR DIGAMBAR	TE B	EY-DGS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
85	RODE SHUBHAM VILAS	TE B	SAP	28th December 2025 to 22nd February 2025	1.5 months
86	SANDESH SHIVAJI DAMALE	TE B	SAP	30th March 2025 - 30th April 2025	1.5 months
87	SARAMBALE ONKAR RAMESH	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
88	SARPALE HARSH DHANANJAY	TE B	VOIS	10th January 2025 - 05th February 2025	1.5 months
89	SATHE PRATHAMESH NANASAHEB	TE B	EYGDS	10th February 2025 - 21st March 2025	1.5 months
90	SHENDKAR ATHARVA DNYANESHWAR	TE B	EY GDS	1st February 2025- 31st March 2025	1.5 months
91	SHINDE ARYAN SACHIN	TE B	Maestro Intellect Pvt. Ltd.	10th Nov 2025 - 31st January 2025	1.5 months
92	SHINDE ATHARVA MADHAV	TE B	EY-DGS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
93	SHINDE NIKITA NITIN	TE B	SAP	23rd December 2024 to 17th January 2025	1.5 months
94	SHINDE TEJAS SURYAKANT	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
95	SHINGDE KARTIK TUKARAM	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months

96	SHRAVANI SUHAS BHATKAR	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
97	SHUKLA SATYAM KRISHNAKUM AR	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
98	SHWETALI GAIKWAD	TE B	Seven Mentors Training Pvt. Ltd. and Group Of Companies	25th December 2024 - 5th February 2025	1.5 months
99	SIRVI SOHANLAL RUPARAM	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
100	SONTAKKE DIKSHA DATTU	TE B	EY-GDS Next Gen Employability	January 2025 - February 2025	1.5 months
101	SUYASH ISHWAR DESHMUKH	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
102	TAKALE TRUPTI VINAYAK	TE B	CodingCloud	1st January 2025 - 15th February 2025	1.5 months
103	TANPURE GAURI RAOSAHEB	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
104	TIRKHUNDE ROHAN BHAUSAHEB	TE B	SAP and VOIS	23rd December 2024 to 17th January 2025	1 month
105	TIWARI RAHUL SATYENDRA	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
106	TIWARI SHREYA HARISHANKAR	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
107	WAKCHAURE ATHARVA SANJAY	TE B	VOIS	10th January 2025 - 05th February 2025	1 month
108	YADAV SAMIKSHA AJEETKUMAR	TE B	EY-GDS Next Gen Employability	10th March 2025- 18th April 2025	1 month

109	YAMGAR SNEHA SATISH	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month 1 week
110	YEOLE GUNESH CHANDRASHE KHAR	TE B	EY-GDS Next Gen Employability	1st February 2025- 31st March 2025	1 month 1 week
111	ZAGADE KRANTI MOHAN	TE B	EY-GDS Next Gen Employability	10th March 2025- 18th April 2025	3 months
112	WAGHMARE SHUBHAM VIJAY	TE B	EY GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
113	WAGHMARE PRASAD RAJKUMAR	TE B	EY GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
114	GAIKWAD SAKSHI SURESH	TE B	EY GDS Next Gen Employability	10th February 2025 - 21st March 2025	2 months
115	GAIKWAD MANAS TARACHAND	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	2 months
116	PRANAV RAMESH BHOSALE	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
117	PRANJAL VIJAY PATIL	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	3 months
118	PRATIK MANOJ SAKHARE	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
119	ATHARVA SANDIP WAYKAR	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
120	ANANT MADHAV RANGDAL	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
121	MOHD. NOUSHAD PATEL	TE B	CodeAlpha	15th January 2025- 15th February 2025	1 month
122	PRATHAMESH DATTU PAWAR	TE B	Seven mentors Training Pvt. Ltd. and	25th December 2024 - 5th February 2025	1 month

			Group Of Companies		
123	VAISHNAVI DHANAJI DIMBLE	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1 month
124	SAYALI SANTOSH SHINDE	TE B	VOIS	10th January 2025 - 05th February 2025	1.5 months
125	HARSHADA BASAVRAJ HIRAPURE	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	1.5 months
126	HITESH RAJENDRA AGHAV	TE B	EY-DGS Next Gen Employability	10th February 2025 - 21st March 2025	2 months
127	VAISHNAVI BHAGVAN JADHAV	TE B	EY-GDS Next Gen Employability	10th February 2025 - 21st March 2025	3 months
128	SANKET SANJAY MORDE	TE B	SAP	23rd December 2024 to 17th January 2025	3 months
129	RAHUL AMBADAS SHINGADE	TE B	ROSTRIS	January 2025 - February 2025	1 month
130	ADITYA RAHUL KONDA	TE B	SAP	23rd December 2024 to 17th January 2025	1 month
131	OMKAR RAMESHKUMA R SOMWANSHI	TE B	SAP	23rd December 2024 to 17th January 2025	1 month
132	Sneha BABAN Sul	TE B	Dnyaneshwari Software Solution LLP	21st January 2025 - 20th April 2025	1 month
133	SAKSHI VINAYAK WAGH	TE B	VOIS	10th Oct 2024 - 8th Nov 2024	1 month

## 5.7 ANY OTHER CONTRIBUTION OF INDUSTRY

### Term – First

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution

### Term – Second

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution
	prof s.l.yedage	edunet foundation	IBM SKILLBUILD STATE LEVEL HACKATHON

## 5.8 ADDITIONAL INITIATIVES TO FOSTER INDUSTRY COLLABORATION (IF ANY)

### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative

### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative

- Few good photographs with caption related to different activities under Industry Institute Interaction on new page.

6

ACHIEVEMENT  
OF  
STUDENTS

**6.1 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (INDIVIDUAL LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Mr. Prajwal H. Deshmukh	Monuments of Ancient India	
2	Ranjit Darade , Parth Dhage , Deepti Shah Mustafa Bhagat	won at Avishkar 2024 held on 25th September 2024 for their innovative project “Gun Shot Detection.	
3	Rudra Kolhatakar and Team	won the Internal Smart India Hackathon held on 6th Sept 2024 for their project “ RailMapper	

**Term – Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Sargum Puram, Rohit Pal	7th position in IBM Hackathon among 68 groups of 34 different Engineering colleges	
2	Mr Tejas Sharmale	GOT Participation certificate for National Level Project Competition -2025	
3	Mr Tejas Sharmale	Mini Hackthon in Perception 25 hosted by AISMSS club of AI /ML Dept Pune on 17th Feb 2025	
4	Mr. Samarth Dhoble	1.InnovateYou Techathon 2.0 – National level 24 hours hackathon competition at AISSM IOIT PUNE on 22nd and 23rd Feb 2025 .	
5	Miss Sargam Puram	Zensar-sponsored SheInspires Hackathon, conducted at MIT ADT University, Loni kalbhor.	
6	Om Rakibe, Sargam Puram, Tejas Shinde, Kartik Shingde	second runner up prize of Rs 10000 at VOIS Inter-College Tech Marathon 25th April 2025	

**6.2 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (INDIVIDUAL LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, SOCIAL ACTIVITIES ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Mr. Vinay Bavaskar	District Zonal Sports Inter-Zonal Football Team of Savitribai Phule Pune University	

**Term – Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Bhumeey Shinde and Team	2nd Position in KHO KHO at Sports competition Miadan 2025	
2	Ayush Bhure and Team	2nd Position in Vollyball at Sports competition Miadan 2025	

**6.3 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (TEAM LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Mr. Prajwal H. Deshmukh	Monuments of Ancient India	
2	Students Ranjit Darade ,Parth Dhage ,Deepti Shah and Mustafa Bhagat	won at Avishkar 2024 held on 25th September 2024 for their innovative project “Gun Shot Detection.	
3	Rudra Kolhatakar and Team	won the Internal Smart India Hackathon held on 6th Sept 2024 for their project “ RailMapper	

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Sargam Puram ,Rohit Pal	7th position in IBM Hackathon among 68 groups of 34 different Engineering colleges	
2	Mr Tejas Sharmale	GOT Participation certificate for National Level Project Competition -2025	
3	Mr Tejas Sharmale	Mini Hackthon in Perception 25 hosted by AISMSS club of AI /ML Dept Pune on 17th Feb 2025	
4	Mr. Samarth Dhoble	1.InnovateYou Techathon 2.0 – National level 24 hours hackathon competition at AISSM IOIT PUNE on 22nd and 23rd Feb 2025 .	
5	Miss Sargam Puram	Zensar-sponsored SheInspires Hackathon, conducted at MIT ADT University, Loni kalbhor.	
6	Om Rakibe, Sargam Puram, Tejas Shinde, and Kartik Shingde	second runner up prize of Rs 10000 at VOIS Inter-College Tech Marathon 25th April 2025	

**6.4 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (TEAM LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, AND SOCIAL ACTIVITIES ETC.)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Mr. Vinay Bavaskar	District Zonal Sports Inter-Zonal Football Team of Savitribai Phule Pune University	

**Term – Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator</b>	<b>Details of Achievement (State/University/ National/International Level)</b>	<b>Remark/Rank</b>
1	Bhumey Shinde and Team	2nd Position in KHO KHO at Sports competition Miadan 2025	
2	Ayush Bhure and Team	2nd Position in Vollyball at Sports competition Miadan 2025	

**6.4 CERTIFICATE/ ONLINE COURSES COMPLETED BY STUDENTS (VALUE ADDED COURSES, MOOCS, SWAYAM, NPTEL ETC.)**

**Term First**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date
1	BE	Augmented Reality and Virtual Reality	Mr.Rahul Gupta, Dr.Pranav Pavar, Mr.Shivam Chavan	30 Hrs	8/07/2024-12/07/2024
2					

**Term Second**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date
1	TE	Research Trends in Cloud Computing	Mr.Yogesh Ghorpade, Dr.Rajani Sajjan, Mr.Satish Pise	30 Hrs	13/01/2025 - 17/01/2025

**6.5 STUDENT PLACEMENT**

Number of students Placed:41

Lower Package Offered: 2.5

Higher package Offered: 6

Average Package Offered:3.5

**Term First**

Sr. No.	Name of Organization	Number of Students Participated	Number of Students Placed
1	Peoplelink	45	7
2	LTIMindtree	40	5
3	EdilGlobe	43	2
4	Cyber success	55	1
5	QSpider	42	7
6	INFOSYS		1

## Term Second

<b>Sr. No.</b>	<b>Name of Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
1	Cognizant	40	2
2	MDN Salesforce	51	4
3	Rinex	30	4
4	Kanini	43	2
5	Tudip Technology	41	1
6	Mechlin	42	1
7	CodeMaster	38	2

### 6.6 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS

(IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/CIVIL SERVICES/STATE GOVERNMENT EXAMINATIONS ETC.)

<b>Sr. No.</b>	<b>Names of Student Qualified</b>	<b>Name of the Qualifying Exam</b>	<b>Registration Number/Roll Number for the Exam</b>
—	—	—	—
—	—	—	—
—	—	—	—

- Few good photographs with caption related to Student Achievement on new page.

7  
BEST  
PRACTICES  
AND  
SUMMARY

**7.1 ANY OTHER SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT (NOT COVERED ABOVE)**

Sr. No.	Details

**7.2 MISCELLANEOUS (NOTABLE INFRASTRUCTURE AND FACILITY UPGRADES)**

Sr. No.	Details

**7.3 FEEDBACK FROM STAKEHOLDERS**

Sr. No.	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Students	588	Good
2	Teachers	20	Good
3	Parents	35	Good
4	Alumni	47	Good
5	Employers	08	Good

**7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT (DESCRIBE IN MAXIMUM 500 WORDS)**

<p><b>Best Practice 1 :</b>  <b>Value Added Program/Techcamp</b></p> <p><b>Objectives</b></p> <p>Enhance Employability and Industry Readiness:</p> <ul style="list-style-type: none"> <li>•Provide practical, hands-on training and expertise in technical areas.</li> <li>•Introduce students to emerging technologies, industry trends, and current best practices.</li> <li>•Bridge the gap between academic theory and the practical demands of the job market.</li> </ul> <p>Develop Skills and Knowledge:</p> <ul style="list-style-type: none"> <li>•Expand the knowledge base beyond the standard curriculum.</li> <li>•Develop fundamental problem-solving skills and innovative thinking.</li> <li>•Offer insights from industry experts and subject matter experts.</li> </ul> <p>Foster Career Growth and Exploration:</p>
--

- Increase career opportunities and placement prospects.
- Encourage students to explore their specific interests and passions.
- Provide guidance on career building and exploring new opportunities.

Promote Personal and Professional Development:

- Help students develop essential soft skills such as communication and teamwork.
- Cultivate a proactive and resourceful professional attitude.
- Allow students to build confidence and take their careers to the next level.

### Need for VAPs in Computer Engineering

#### 1.Need Bridging Academia–Industry Gap

Helps students acquire industry-relevant skills not fully covered in the regular curriculum.

Prepares them to meet real-time project demands and workplace challenges.

#### 2.Skill Enhancement Beyond Curriculum

Introduces latest technologies (AI/ML, Blockchain, Cloud, Cybersecurity, etc.).

Provides exposure to tools and frameworks widely used in the industry.

#### 3.Employability and Career Readiness

Improves placement opportunities by equipping students with certifications and practical knowledge.

Enables students to showcase specialized competencies that give them a competitive edge.

#### 4.Encouraging Innovation and Research

Inspires students to explore interdisciplinary domains and develop innovative projects.

Promotes problem-solving, creativity, and entrepreneurial thinking.

#### 5.Professional Development

Builds communication, teamwork, and leadership skills through collaborative workshops.

Encourages lifelong learning and adaptability to technology shifts.

Academic Year	Semester	Title of VAP	Date	No. of Students Participated
2025-26	Sem-I	Zscaler Zero Trust Cloud Security (Techcamp)	11/08/2025 to 13/08/2025	62
		Cyber Smart : Building a secure Digital Future for students	21/07/ 2025 to 25/07/2025	85
2024-25	Sem-I	Augmented Reality and Virtual Reality	8/07/2024 to 12/07/2024	114
	Sem-II	AWS Cloud Security (Techcamp)	10/02/2025 to 12/02/2025	60
		Research Trends in Cloud Computing	13/01/2025 to 17/01/2025	116
2023-24	Sem-I	Recent trends in Blockchain Technology	31/07/2023 to 4/08/2023	137
		Full Stack Web Development PHP with MySQL	31/07/2023 to 4/08/2023	144
		AWS Discovery Day	21/08/2023 to 24/08/2023	139
	Sem-II	Applied ML: Exploring Real World Applications	15/01/2024 to 19/01/2024	138
	Cloud Computing using AWS	7/02/2024 to 12/02/2024	130	
2022-23	Sem-I	Data Science	22/08/2022 to 26/08/2022	130
		Internet of Things	26/09/2022 to 30/09/2022	126
	Sem-II	AI/ML and its applications	17/04/2023 to 21/04/2023	135

## **Best Practice 2 :**

### **Societal Connect**

#### **Objectives**

1. Strengthen Social Responsibility and Community Engagement
  - Encourage students to engage with local communities and contribute to societal development.
  - Create awareness of social issues, sustainability challenges, and civic responsibilities.
  - Instill empathy, inclusivity, and ethical values as part of professional growth.
2. Bridge Engineering Education with Societal Needs
  - Provide opportunities for students to apply engineering knowledge to real-world social problems.
  - Promote innovation and technology-driven solutions for community development.
  - Align technical learning with UN Sustainable Development Goals (SDGs) and national priorities.
3. Develop Holistic Student Competencies
  - Enhance teamwork, leadership, and communication through social projects.
  - Cultivate adaptability, cultural sensitivity, and problem-solving skills in diverse environments.
  - Foster interdisciplinary learning by integrating social sciences with engineering practices.
4. Foster Civic and Environmental Awareness
  - Encourage eco-friendly practices, sustainability initiatives, and green engineering.
  - Sensitize students to issues of equity, inclusion, and ethical use of technology.
  - Promote volunteerism, social innovation, and active citizenship.

#### **Need for Social Connect in Computer Engineering**

- 1.**Holistic Development of Students** – To nurture socially responsible engineers by integrating ethical values, empathy, and civic sense with technical education.
- 2.**Bridging Academia and Society** – To align engineering knowledge and skills with the real needs of communities, fostering innovation and problem-solving for societal benefit.
- 3.**Institutional Social Responsibility (ISR)** – To strengthen the institution’s role in community engagement, sustainability, and nation-building which is one of the important quality benchmarks.

Academic Year	Semester	Title of Activity	Date	No. of Students Participated
2025-26	Sem-I	Tree Plantation	16/7/2025	210
		Adivasi School Visit (Planned)	Planned in Sept 2025	Approx 40
2024-25	Sem-I	Clean Campus Activity	11/10/2024	200
		Orphanage Visit	24/10/2024	40
	Sem-II	Blind School Visit	23/1/2025	21
		Computer Donation Activities	24/1/2025	100
		Marathi Bhasha Gaurav Diwas	27/02/2025	80
2023-24	Sem-I	Seminar on "Relationship Management"	5/9/2023	68
		An Awareness Session on "Computer Literacy"	11/10/2023	12
		An Awareness Session on "Menstrual Hygiene"	11/10/2023	12
		Clean campus	23/10/2023	400
		Human Values	14/12/2023	90
		Campaigning Of Meri Maati Mera Desh	13/10/2023	100
	Sem-II	Seminar on "Electronic Voting Machine"	1/18/2024	68
		Computer Donation Program	24/01/2024	50
		An Awareness Session on "Computer Literacy"	13/02/2024	500
		Awareness session on "Women Protection in India"	7/3/2024	10

Academic Year	Semester	Title of Activity	Date	No. of Students Participated
2022-23	Sem-I	AIDS Awareness	1/12/2022	75
		Swachha Dindi Abhiyan	2/7/2022	50
	SEM II	Report on "Computer Literacy"	1/2/2023	50
		Mamata Balsadan Orphanage	25/03/2023	28
		Campus Cleaning "Tree waste collection and dump in compost pit"	3/2/2023	200

## 7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

NIL
-----

## 7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

### Strength:

1	Excellent Teaching Learning Process
2	Consistent excellence in University Results
3	Support to faculty for pursuing higher education.
4	Good Team Work
5	Planned Activities like FDP/STTP, SDP, workshops and guest lectures etc

**Weaknesses:**

1	Consultancy and extension activity
2	Increasing the number of sponsored projects
3	
4	
5	

**Opportunities:**

1	Research Center for Phd
2	Enhancing the number of patents, copyright.
3	
4	
5	

**Challenges:**

1	Attract meritorious students at national level
2	Commercialization Community Development project execution
3	
4	
5	

**7.7 FUTURE PLANS OF THE DEPARTMENT (FOR NEXT ACADEMIC YEAR)**

1	Strengthening Academic & Technical Excellence: Organize technical workshops, SDP/STTP/FDP, value-added programs, and expert talks on emerging technologies such as AI, Machine Learning, Zero Trust Security, IoT, and Cybersecurity.
2	Enhancing Student Skill Development & Engagement: Conduct coding competitions, quiz contests, project exhibitions, Smart India Hackathon activities, and ACES club events to promote innovation, creativity, and technical competency.
3	Promoting Holistic Development & Social Responsibility: Execute social activities such as cleanliness drives, tree plantation, yoga & meditation, water conservation awareness, financial literacy sessions, and cultural celebrations to foster responsible citizenship.
4	Strengthening Student Support Systems: Conduct regular counselling sessions by the Principal and faculty mentors for SE, TE, and BE students, along with higher studies guidance sessions and alumni expert talks for career readiness.
5	Enhancing Collaboration, Community Outreach & Institutional Growth: Host parent–teacher meetings, establish stronger coordination with industry (Celonis, Zscaler), promote participation in Avishkar, and expand departmental clubs for continuous learning and outreach.

**7.8 EFFORTS BY THE DEPARTMENT AT INSTITUTE / DEPARTMENT LEVELS TO PROMOTE AND ASSURE QUALITY IN THE FOLLOWING AREAS**

Area	Efforts/ Initiative
Academics and overall profile of Department	<ul style="list-style-type: none"> <li>• Structured academic calendar with scheduled assessments and reviews</li> <li>• Continuous monitoring of student performance, attendance analytics, and academic audits</li> <li>• Implementation of Outcome Based Education with clearly mapped CO–PO–PSO relationships</li> <li>• Transparent academic governance and active participation in institute-level committees</li> <li>• Department vision and mission aligned with institutional strategic goals</li> </ul>
Organization of different activities	<ul style="list-style-type: none"> <li>• Regular organization of technical workshops, FDPs, seminar sessions, and skill-building programs</li> <li>• Annual student technical festivals, mini-projects, poster exhibitions, and idea-sharing platforms</li> <li>• Celebration of academic milestone events such as Science Day, Engineer’s Day, etc.</li> <li>• Student-driven clubs and committees for technical, cultural, and social activities for holistic growth</li> <li>• Soft-skills, communication, and leadership development sessions</li> <li>• Motivation for participation in inter-collegiate competitions and challenges</li> </ul>
Research and Innovation	<ul style="list-style-type: none"> <li>• Encouragement and support for faculty and student research publications</li> <li>• Patents, copyrights, and intellectual property facilitation for innovative outcomes</li> <li>• Support for participation in national/international conferences, hackathons, and innovation challenges</li> </ul>
Industry institute Interaction	<ul style="list-style-type: none"> <li>• Establishment of MoUs with industries, technical organizations, and professional societies</li> <li>• Industry experts delivering guest lectures, training sessions, and panel interactions</li> <li>• Campus recruitment support, pre-placement training, and competency mapping</li> <li>• Real-world projects done in collaboration with industry partners</li> <li>• Alumni working in reputed companies invited for guest lectures and seminar</li> </ul>
Student Achievements	<ul style="list-style-type: none"> <li>• Motivated and provided the platform to students to participate in different Technical Activities such as Avishkar 2024, Internal Smart India Hackathon, Project Competition -2025.</li> <li>• Sports competition are conducted</li> </ul>

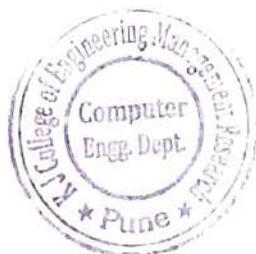
**ANNUAL SUMMARY SHEET**

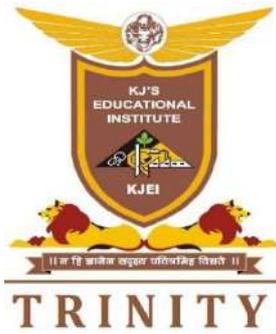
<b>Sr. No.</b>	<b>Particular</b>	<b>Count</b>
<b>PROFILE OF DEPARTMENT</b>		
1	Students in the department	488
<b>CONTRIBUTION BY FACULTY</b>		
2	E-learning materials develop by faculty and available online	NIL
3	Number of FDPS/MDPS/STTPS/FOPS/ Workshops (teaching and supporting staff) attended by Faculty	56
4	Number of Seminars/ webinars attended by the department faculty	NIL
5	Number of Conferences/ symposiums attended by the department faculty	10
6	Number of Online courses / certificate courses completed by department faculty	08
7	Number of Faculty served as resource person, expert, chairperson etc	05
<b>EVENTS AND ACTIVITIES FACILITATED</b>		
8	Number of FDP/MDP/STTP/FOP/Workshop organized by the department	03
9	Number of Seminars/ webinars organized by the department	10
10	Number of Conferences/ symposiums organized by the department	NIL
11	Number of MOU signed with academic and professional organizations (Excluding Industry)	01
12	Number of Extension activities conducted by the department (Social activities / any other activity)	06
13	Number of student chapter/ club	02
14	Social activities organized (Environment Conservation activities, Women empowerment activities, Awareness Programs etc)	04
<b>RESEARCH AND CONSULTANCY</b>		
15	Number of Patents	01
16	Number of copyright, trademark and other (IPR)	28
17	Number of Papers published/ presented in proceedings of conferences	10
18	Number of Papers published in journals	33
19	Number of Book publications	02
20	Number of Book Chapter publications	01
21	Total Research citations	846

21	Total Research citations	846
22	Number of ME awarded	NIL
23	Number of PhD awarded	04
<b>INDUSTRY INSTITUTE INTERACTION</b>		
24	Number of Industry/Site visits organised	01
25	Number of Expert talks and webinars delivered by industry professionals	03
26	Number of Industry sponsored projects (UG/PG)	NIL
27	Number of MOU signed with industry	01
28	Number of Faculty members undergone industrial training	01
29	Number of Students undergone in-plant training and (or) internship programme	133
30	Number of students placed	41
<b>ACHIEVEMENTS OF STUDENTS</b>		
31	Number of student Achievements	24
32	Number of students qualified in the competitive examinations	NIL

  
**Dr. Nikita J. Kulkarni**  
**Head of Department**

  
**Dr. Suhas S. Khot**  
**Principal**





**KJ's Educational Institute**  
**K J College of Engineering and Management Research**

**Internal Quality Assurance Cell**

**DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING**  
**ADVANCED COMMUNICATION TECHNOLOGY**

**ANNUAL REPORT**

**(01 June 2024 to 31 May 2025)**

**Academic Year 2024 - 25**

- **TERM – FIRST: 01/07/2024 – 25/10/2024**
- **TERM – SECOND: 01/01/2025 – 26/04/2025**

**Guidelines:**

- Fill up this sheet for all the contributions /activities conducted at Department level only.
- Please add rows to the table below to suit your requirements
- Ensure that data does not differ from other official records and all the supporting documents are available.
- All the dates are in DD/MM/YYYY format.
- Use separate row for every details.
- For any queries, you may contact: Prof. Abhishek K. Taware, Coordinator
- IQAC email: [iqacordinator.kjcoemr@kjei.edu.in](mailto:iqacordinator.kjcoemr@kjei.edu.in)

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**1**

**DEPARTMENT  
PROFILE**

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	2023
2	Number of Faculty during A.Y.	3
6	Program(s) Offered (UG/PG/PhD )	UG

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE ACT	60
2		
3		
4		
	<b>Total</b>	

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1 Electronics Hardware Lab	5
2 Communication Lab	6
3 Computer Lab	7
4	8

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG		
PG		

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
1 MATLAB(Central)	4
2	5
3	6

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty: Nil

ii) Number of female Faculty: 3

iii) Number of PhD Faculty: 2

iv) Number of PhD Registered Faculty: Nil

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with - Membership No.
1	Dr. Neha Shahare	PhD	Assoc. Prof.	446869	IEI-LM1808685 ISTE-LM 140612
2	Dr. Shaveta Thakral	PhD	Asst. Prof.	538397	IAENG-218188
3	Prof. Sujata Dandel	ME	Asst. Prof.	-	IAENG-520872.
4					

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff:

ii) Number of female supporting staff: 1

Sr. No.	Name of Supporting Staff	Qualification	Designation
1	Payal Jadhav	BE	Teaching Asst.
2			

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
ACT UG (FE)-54 Students	6	0	0	0	10	5	7	4	10	12	33	21
ACT UG (SE) -64 students	5	4	0	0	15	10	12	9	4	5	34	28

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
ACT UG (FE)	0	0
ACT UG (SE)	0	0

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term - First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Neha Shahare	SE	Digital Circuits	95	94	95
2	Dr. Shaveta Thakral	SE	Electronic Circuits	93	92	93
3	Prof. Sujata Dandel	SE	Data Structure	-	88	88

#### Term - Second

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Neha Shahare	SE	Control System	95	91	93
			Digital Communication Engineering	97	93	95
2	Dr. Shaveta Thakral	SE	Signals & Systems	94	94	94
3	Prof. Sujata Dandel	SE	Object Oriented Programming	95	95	95

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term - First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average/Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	54	26	1	10	10	5	0	0	40	26	40
2	SE	64	14	1	0	10	3	0	0	50	14	50
3	TE											
4	BE											
5	PG 1											
6	PG 2											

### Term – Second

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average / Pass class (4-5)	Fail (0- 3.99)	All Clear	With ATKT
1	FE	54	27	1	12	9	5	0	0	27	27	27
2	SE	62	28	3	9	15	1	0	0	34	28	34
3	TE											
4	BE											
5	PG 1											
6	PG 2											

### Two Term Final Result

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0- 3.99)	All Clear	With ATKT
1	FE	54	18	1	11	6				1	18	35
2	SE	62	34	3	9	17	5	-	-		34	28

#### 1.12 NAME OF THE TOPPER

Sr. No.	Class	Name of the student	Score
1	FE	PARDESHI AJINKYA JAYKUMAR	9.50
2	SE	SHETE ATHARV MAHESH	9.32

#### 1.13 UNIVERSITY RANKERS

Sr. No.	Class	Name of the student	Rank
1	FE		
2	SE		

- Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department on new page.



**Pune, Maharashtra, India**

Name of Institute: K J COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH AISHE  
ID: C-42081 Address: Sr. No. 25 and 27, Kondhwa Saswad Road, Near Bopdev Ghat, Pune  
411048. State: Maharashtra, Pune, Maharashtra, India  
Lat 18.420682° Long 73.906837°  
05/02/2025 12:24 PM GMT +05:30

**SE Classroom**



**Pune, Maharashtra, India**

Name of Institute: K J COLLEGE OF ENGINEERING AND MANAGEMENT RESEARCH  
AISHE ID: C-42081 Address: Sr. No. 25 and 27, Kondhwa Saswad Road, Near Bopdev  
Ghat, Pune 411048. State: Maharashtra, Pune, Maharashtra, India  
Lat 18.420682° Long 73.906837°  
28/02/2025 02:42 PM GMT +05:30

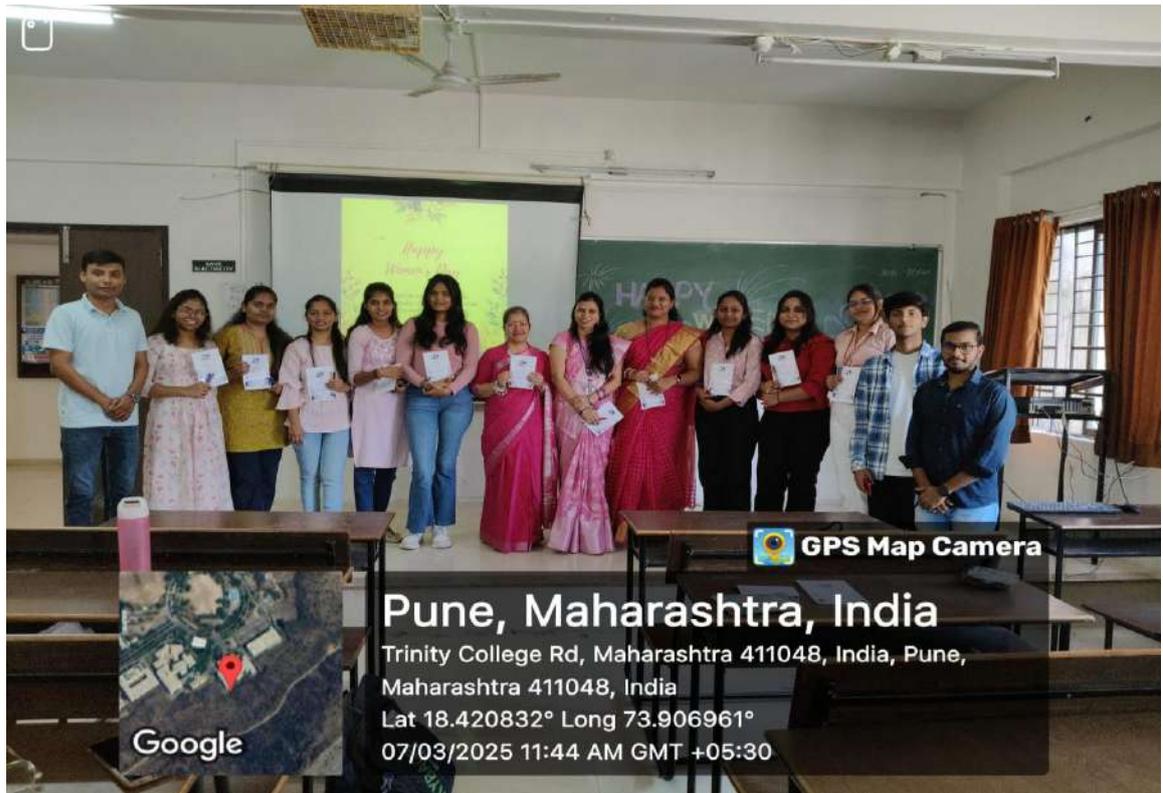
**Computer Lab**



**Tree Plantation**



**Teacher's Day Celebration**



**Women Day Celebration**



**Shiv Jayanti Celebration**



**Industrial Visit At Mapro**

**1**

**DEPARTMENT  
PROFILE**

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	2023
2	Number of Faculty during A.Y.	3
6	Program(s) Offered (UG/PG/PhD )	UG

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE ACT	60
2		
3		
4		
	<b>Total</b>	

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1 Electronics Hardware Lab	5
2 Communication Lab	6
3 Computer Lab	7
4	8

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG		
PG		

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
1 MATLAB(Central)	4
2	5
3	6

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty: Nil

ii) Number of female Faculty: 3

iii) Number of PhD Faculty: 2

iv) Number of PhD Registered Faculty: Nil

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with - Membership No.
1	Dr. Neha Shahare	PhD	Assoc. Prof.	446869	IEI-LM1808685 ISTE-LM 140612
2	Dr. Shaveta Thakral	PhD	Asst. Prof.	538397	IAENG-218188
3	Prof. Sujata Dandel	ME	Asst. Prof.	-	IAENG-520872.
4					

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff:

ii) Number of female supporting staff: 1

Sr. No.	Name of Supporting Staff	Qualification	Designation
1	Payal Jadhav	BE	Teaching Asst.
2			

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
ACT UG (FE)-54 Students	6	0	0	0	10	5	7	4	10	12	33	21
ACT UG (SE) -64 students	5	4	0	0	15	10	12	9	4	5	34	28

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
ACT UG (FE)	0	0
ACT UG (SE)	0	0

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term - First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Neha Shahare	SE	Digital Circuits	95	94	95
2	Dr. Shaveta Thakral	SE	Electronic Circuits	93	92	93
3	Prof. Sujata Dandel	SE	Data Structure	-	88	88

#### Term - Second

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Neha Shahare	SE	Control System	95	91	93
			Digital Communication Engineering	97	93	95
2	Dr. Shaveta Thakral	SE	Signals & Systems	94	94	94
3	Prof. Sujata Dandel	SE	Object Oriented Programming	95	95	95

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term - First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1-10)	Excellent (A+) (8.1-9)	Very Good (A) (7.1-8)	Good (B+) (6.1-7)	Above Average (B) (5.1-6)	Average/Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	54	26	1	10	10	5	0	0	40	26	40
2	SE	64	14	1	0	10	3	0	0	50	14	50
3	TE											
4	BE											
5	PG 1											
6	PG 2											

### Term – Second

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average / Pass class (4-5)	Fail (0- 3.99)	All Clear	With ATKT
1	FE	54	27	1	12	9	5	0	0	27	27	27
2	SE	62	28	3	9	15	1	0	0	34	28	34
3	TE											
4	BE											
5	PG 1											
6	PG 2											

### Two Term Final Result

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0- 3.99)	All Clear	With ATKT
1	FE	54	18	1	11	6				1	18	35
2	SE	62	34	3	9	17	5	-	-		34	28

#### 1.12 NAME OF THE TOPPER

Sr. No.	Class	Name of the student	Score
1	FE	PARDESHI AJINKYA JAYKUMAR	9.50
2	SE	SHETE ATHARV MAHESH	9.32

#### 1.13 UNIVERSITY RANKERS

Sr. No.	Class	Name of the student	Rank
1	FE		
2	SE		

- Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department on new page.



**SE Classroom**



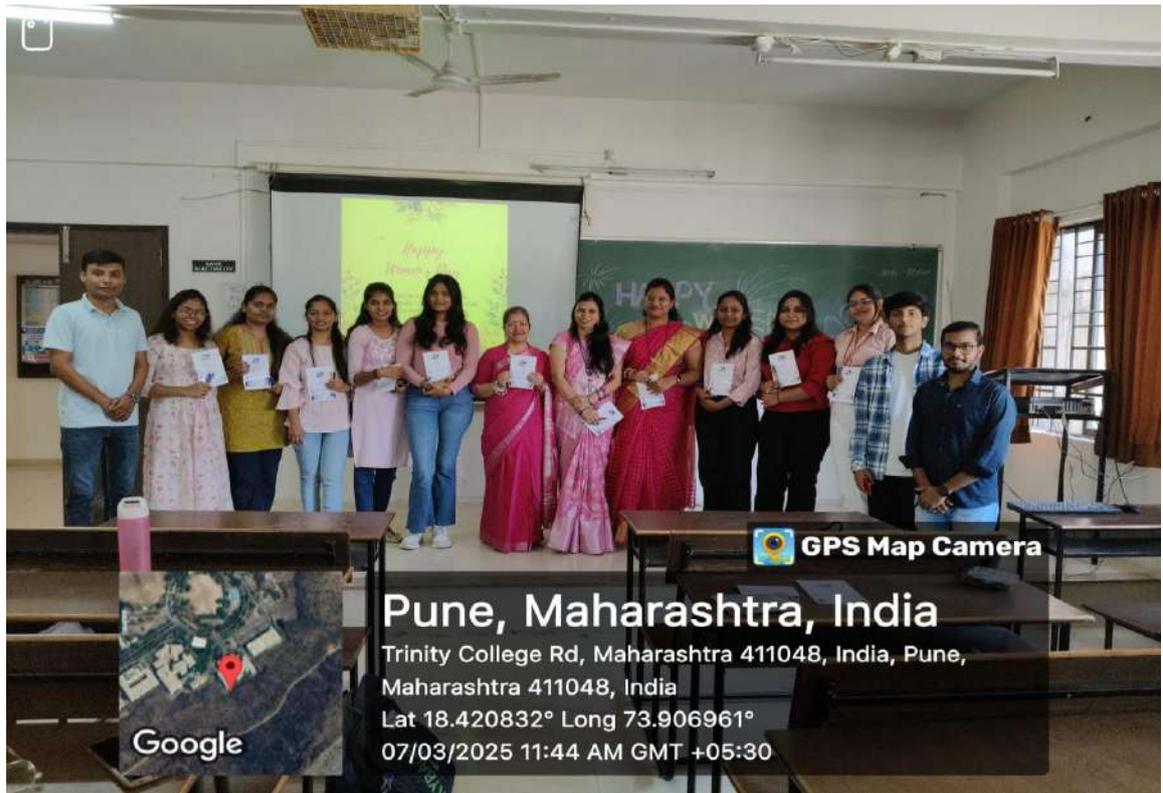
**Computer Lab**



**Tree Plantation**



**Teacher's Day Celebration**



**Women Day Celebration**



**Shiv Jayanti Celebration**



**Industrial Visit At Mapro**

3

EVENTS

AND

ACTIVITIES

FACILITATED

**3.1 FDP/MDP/STTP/FOP/WORKSHOP/ ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)
1	Dr. Neha Shahare	Hands on DSO	1	10/01/2024	66	-
2	Dr. Neha Shahare	Discussion on Syllabus structure of TE under the guidance of BOS, SPPU	1	11/3/2025	5	
3	Dr. Neha Shahare	Discussion on Syllabus structure of TE under the guidance of BOS, SPPU.	1	13/3/2025	9	-

**3.2 SEMINAR/WEBINARS/GUEST LECTURES ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar/ Guest Lecture	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. Shaveta Thakral	Expert Lecture on Electronic Circuits	3 Hours	16/11/2024-16/11/2024	47	-

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. Shaveta Thakral	Career Guidance for Abroad Study Options after Engineering	1 Hour	9/1/25-9/1/25	93	-
2	Dr. Shaveta Thakral	Expert Lecture on "students development & welfare – self-improvement goals"	2 Hours	14/2/25	41	-
3	Dr. Shaveta Thakral	Expert Lecture on Signals & Systems	2 Hours	28/2/25	52	-
4	Dr. Neha Shahare	Expert Lecture on Mechanics in Control System	2 Hours	17/1/25	52	-
5	Dr. Neha Shahare	Expert Lecture on Digital Communication	2 Hours	23/4/25	54	-

**3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. Neha Shahare, Dr. Shaveta Thakral, Prof. Sujata Dandel	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering & Technology (ICITET-2025)	2 Days	12/6/25-13/6/25	120	-

### 3.4 COLLABORATION WITH ACADEMIC AND PROFESSIONAL BODIES/ORGANIZATION (EXCLUDING INDUSTRY)

#### 3.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

##### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

##### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
1	Dr. Shaveta Thakral	IMS Learning Resources Pvt. Ltd.,Pune	21/2/2025	20/02/2030

#### 3.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)

##### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under MOU	Number of Beneficiaries

##### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under MOU	Number of Beneficiaries
1	Dr. Shaveta Thakral	IMS Learning Resources Pvt. Ltd.,Pune	21/2/2025	20/02/2030	1	SE TE students

**3.5 EXTENSION AND OUTREACH ACTIVITIES CONDUCTED BY THE DEPARTMENT (SOCIAL ACTIVITIES / ANY OTHER ACTIVITY)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries

**3.6 SOCIAL ACTIVITIES ORGANISED BY THE DEPARTMENT (ENVIRONMENT CONSERVATION ACTIVITIES, WOMEN EMPOWERMENT ACTIVITIES, AWARENESS PROGRAMS ETC)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
1	Dr. Neha Shahare	Connect with Nature	21/8/24	35
2	Prof. Sujata Dandel	Best from Waste Activity	28/8/24	35
3	Prof. Sujata Dandel	Tree Plantation	13/9/24	29
4	Prof. Sujata Dandel	Teacher's Day Celebration	5/5/24	60

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
1	Prof. Sujata Dandel	Shiv Jayanti Celebration	18/02/2025	45
2	Prof. Sujata Dandel	Womens Day Celebration	07/03/2025	39
3	Prof. Sujata Dandel	World Book Day Celebration	23/04/2025	42

**3.7 STUDENT CHAPTERS /CLUBS**

Sr. No.	Name of Student Chapter	Number of Student Members

### 3.7.1 EVENTS ORGANISED BY STUDENT CHAPTERS / CLUBS AND OTHERS

Term - First

Name of Student Chapters: \_\_\_\_\_

Name of faculty Adviser: \_\_\_\_\_

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries

Term - Second

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries

### 3.8 PARENT MEETING

Name of Faculty Coordinator/s	Date	Details of Parent meetings	Number of Parents Attended
Prof. Sujata Dandel	6/11/2024	Defaulter students' Parents meeting	10
Prof. Sujata Dandel	23/3/2025	Defaulter students' Parents meeting	11

### 3.9 ALUMNI MEET **NA**

Name of Faculty Coordinator/s	Date	Details of Alumni Meet	Number of Alumni Attended

### 3.10 ALUMNI SUPPORT (DONATION OF MONEY, BOOKS, EQUIPMENT ETC) **NA**

Term - First

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support

Term - Second

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support

### 3.11 ACTIVITIES WITH ALUMNI NA

#### Term - First

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries

#### Term - Second

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries

### 3.12 ADD ON /CERTIFICATE/VALUE ADDED PROGRAMS ORGANISED BY DEPARTMENT (MINIMUM 30 HOURS DURATION)

#### Term - First

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries

#### Term - Second

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries

### 3.13 GUIDANCE FOR COMPETITIVE EXAMINATIONS/CAREER COUNSELING AT THE DEPARTMENT LEVEL

Faculty coordinator	Competitive Examinations/Career Counseling Activity Details	Total Number of Beneficiaries
Prof Sujata Dandel	Aptitude Test	40
Prof Sujata Dandel	Group Discussion on Various Topics	38
Prof Sujata Dandel	Reading to Comprehend	43

- Few good photographs with caption related to different activities organized on new page



**Activity Under MoU “Career Guidance for Abroad Study Options after Engineering”**



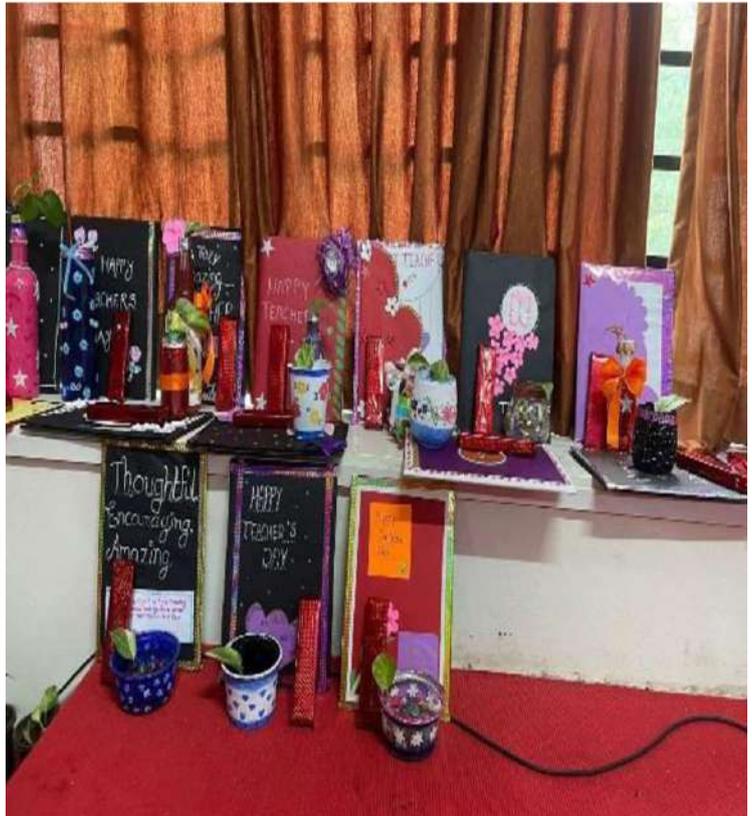
**Expert Lecture conducted Mr. Vivekanand B. Shere on Course “Electronic Circuits”.**



**Expert Lecture conducted by Prof. Rajesh Barapate on Course  
“Signals and Systems”.**



## Hands On Experience on DSO



## Activity "Best from Waste"

4

RESEARCH  
AND  
CONSULTANCY

**4.1 INTELLECTUAL PROPERTY ASSETS**

**4.1.1 PATENTS**

**Term – First**

<b>Sr. No.</b>	<b>Name of Applicant Faculty</b>	<b>Title of the Patent</b>	<b>Patent Number and Date</b>	<b>Type (National/ International/ Utility)</b>	<b>Filed/ Granted/ Published</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Applicant Faculty</b>	<b>Title of the Patent</b>	<b>Patent Number and Date</b>	<b>Type (National/ International/ Utility)</b>	<b>Filed/ Granted/ Published</b>

**4.1.2 COPYRIGHT, TRADEMARK AND OTHER (IPR)**

**Term – First**

<b>Sr. No.</b>	<b>Name of Applicant Faculty</b>	<b>Title of the Copyright/Trademark/ Other (IPR)</b>	<b>Application Number and Date</b>	<b>Type (National/ International/ Utility)</b>

**Term – Second**

<b>Sr. No.</b>	<b>Name of Applicant Faculty</b>	<b>Title of the Copyright/Trademark/ Other (IPR)</b>	<b>Application Number and Date</b>	<b>Type (National/ International/ Utility)</b>

**4.2 PUBLICATIONS**

**4.2.1 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES**

**Term – First**

<b>Sr. No.</b>	<b>Name of Author/s</b>	<b>Title of the Paper</b>	<b>Title of the Proceeding</b>	<b>Name of the conference and Organized by with Dates</b>	<b>National / International</b>	<b>ISBN Number of the Proceeding</b>
1	Neha Ganvir	Anticipating Solar Photovoltaic Panel Output One Day in Advance with Gaussian Mixture Model	AIE 2024 , The 2024 International Workshop on Artificial Intelligence and Machine Learning for Energy transformation (AIE).	Finland, Vaasa 20 May - 22 May 2024	International	IEEE Explorer

**Term – Second**

<b>Sr. No.</b>	<b>Name of Author/s</b>	<b>Title of the Paper</b>	<b>Title of the Proceeding</b>	<b>Name of the conference and Organized by with Dates</b>	<b>National / International</b>	<b>ISBN Number of the Proceeding</b>
1	Neha Ganvir	Modelling and Simulations of a Solar PV Plant using Python	5th International Conference Intelligent Systems and Machine Learning	5th International Conference Intelligent Systems and Machine Learning	International	-
2	Neha Ganvir	Solar PV Power Plant Output Prediction Through Machine Learning Approaches	5th International Conference Intelligent Systems and Machine Learning	5th International Conference Intelligent Systems and Machine Learning	International	-

#### 4.2.2 PAPERS PUBLISHED IN JOURNALS

##### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, , ISSN Number, Impact Factor etc.	Indexing
1	Dr. Shaveta Thakral	Deep Learning-Based Framework for Diabetic Disease Progression Prediction Using Retinal Fundus Images	Frontiers in Health Informatics ISSN-Online: 2676-7104	December 2024; Vol 13: Issue 7,121-136	Scopus

##### Term – Second

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, Impact ISSN Number, Factor etc.	Indexing
1	Neha Shahare	Integrated adaptive driver alert system using IoT for road safety	Journal of Information and Optimization Sciences	Pages 273–280   Received : 13/11/2024   Published online: 17/03/2025	WOS

#### 4.2.3 BOOK PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Neha Ganvir, Lalita Wani	Machine Learning with Electronics Datasets: Predict, Monitor, Optimize	8 April 2025 Kindle edition	ASIN : B0F46RBN6M

#### 4.2.4 BOOK CHAPTER PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book Chapter	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Neha Ganvir,Suhas Khot	Smarter Power Grids-Quantum Computing for Enhanced Energy Distribution	IGI-Global publishing ,Year 2024	ISBN: 9798369340011
2	Neha Ganvir, Suhas Khot	Technology Enabled and Mobile oriented world with smart products: A Multiple Holistic Approach	Advanced Trends in Multidisciplinary Research and Innovation, weser books,Germany.	-

#### 4.2.5 RESEARCH CITATIONS (SOURCE: WS/SCOPUS/GOOGLE SCHOLAR - AS ON 31<sup>TH</sup> MAY)

Total Citations of Department:

Sr. No.	Name of Faculty	Citations	h-index	i10 index
1	Dr. Shaveta Thakral	250	6	4
2.	Dr. Neha S. Shahare	95	6	3

#### 4.3 EXTERNAL FINANCIAL SUPPORT

##### 4.3.1 GRANT-SUPPORTED/ SPONSORED RESEARCH PROJECT

Sr. No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Duration of the Project	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received

##### 4.3.2 GRANTS/FINANCIAL SUPPORT FOR OTHER ACTIVITIES

Sr. No.	Faculty Coordinator	Name of the Activity	Duration of the Activity	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received

#### 4.4 CONSULTANCY AND TESTING

Sr. No.	Faculty Coordinator	Details of Consultancy and Testing Conducted	Revenue Generated (Rs.)

#### 4.5 POSTGRADUATE AND DOCTORAL DEGREES AWARDED

##### 4.5.1 MASTER OF ENGINEERING DEGREE AWARDED (FOR DEPARTMENTS HAVING POST GRADUATION COURSE)

Sr. No.	Name of Supervisor	Title of Dissertation	Name of Candidate

##### 4.5.2 PhD AWARDED (FOR DEPARTMENTS HAVING PH.D RESEARCH CENTRE)

###### 4.5.2.1 PhD GUIDE DETAILS

Sr. No.	Faculty Name (Ph.D. Supervisor)	Number of Scholars Registered

###### 4.5.2.2 DOCTOR OF PHILOSOPHY (PH.D.) DEGREES AWARDED

Sr. No.	Name of Supervisor	Title of Thesis	Name of Candidate

- Few good photographs with caption related to different activities under Research, Innovation and IPR on new page.



**AIE 2024 , The 2024 International Workshop on Artificial Intelligence and Machine Learning for Energy transformation**

5

INDUSTRY  
INSTITUTE  
INTERACTION

### 5.1 VISITS TO INDUSTRIES/SITES ORGANIZED

#### Term – First

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit

#### Term – Second

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
1	Prof. Sujata Dandel	SE	40	Mapro Industry	07/02/2025

### 5.2 EXPERT TALKS AND WEBINARS DELIVERED BY INDUSTRY PROFESSIONALS

#### Term – First

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit

#### Term – Second

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
1	Dr. Shaveta Thakral	SE	93	Mr. Rajrshi Banerjee IMS Learning Resources Pvt. Ltd.	Career Guidance for Abroad Study Options after Engineering.	9/1/25

### 5.3 INDUSTRY SPONSORED PROJECTS (UG/PG)

Sr. No.	Name of Project Guide	Title of Project	Name of Sponsoring Industry	Details of Sponsorship

#### 5.4 COLLABORATION WITH INDUSTRY

##### 5.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

###### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)

###### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
1	Dr. Shaveta Thakral	IMS Learning Resources Pvt. Ltd.,Pune	21/2/2025	20/02/2030

##### 5.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)

###### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries

###### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries
1	Dr. Shaveta Thakral	IMS Learning	21/2/2025	20/02/2030	1	60

		Resources Pvt. Ltd.,Pune				

### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

#### Term – First

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration

#### Term – Second

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration

### 5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME

#### Term – First

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration

#### Term – Second

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration

### 5.7 ANY OTHER CONTRIBUTION OF INDUSTRY

#### Term – First

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution

**5.8 ADDITIONAL INITIATIVES TO FOSTER INDUSTRY COLLABORATION (IF ANY)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative

- Few good photographs with caption related to different activities under Industry Institute Interaction on new page.



## Industrial Visit At Mapro , Mahabaleshwar



**MOU Signing Ceremony**



**Expert Lecture on “Career Guidance for Abroad Study Options after Engineering”**

6

ACHIEVEMENT  
OF  
STUDENTS

**6.1 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (INDIVIDUAL LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1.	Ayush Naik	GENESIS TECHINOFAIR	Certificate of Appreciation
2.	Ayush Naik	National Level Project Competition	Certificate of Participation
3.	Ayush Naik	INNOVATEXPO “E-Cell MESWCOE”	Certificate of Participation
4.	Tejas Mulekar	INNOVATEXPO “E-Cell MESWCOE”	Certificate of Participation
5.	Tejas Mulekar	National Level Project Competition KJCOEMR	Certificate of Participation

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1.	Ayush Naik	GRAVITY 2K25 “Circuit Simulation and Decoding.”	Certificate of Participation
2.	Ayush Naik	GRAVITY 2K25 “Poster Expo”.	Certificate of Participation
3.	Tejas Mulekar	GRAVITY 2K25 “Circuit Simulation and Decoding.”	Certificate of Participation
4.	Tejas Mulekar	GRAVITY 2K25 “Poster Expo”	Certificate of Participation
5.	Jidnyasa Shantaram Tope	EXCELR “Project Excellence Master your Minor & Major Projects with Real-World Case Studies on FSD & ML’S”	Certificate of Participation

**6.2 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (INDIVIDUAL LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank

--	--	--	--

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**6.3 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (TEAM LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Dr. Neha Shahare	Saiesh Sasane & Team 1 <sup>st</sup> Winner in Hackathon held in KJCOEMR	1st Rank

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Dr. Shaveta Thakral	INNOVAATEXPO 2025 Project Competition	Participation
2	Dr. Neha Shahare	Gravity 2k25 Project Competition	Participation

**6.4 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (TEAM LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, AND SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank

**6.4 CERTIFICATE/ ONLINE COURSES COMPLETED BY STUDENTS (VALUE ADDED COURSES, MOOCS, SWAYAM, NPTEL ETC.)**

**Term First**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date
1.	Ayush Naik	Udemy Analog Electronics	Certification of Completion	6 hours	26-09-24
2.	Tejas Mulekar	Great Learning "ECOMMERCE WEBSITE with HTML & CSS"	Certificate of Completion	-	August 2024
3.	Tejas Mulekar	Udemy Analog Electronics	Certification of Completion	6 hours	26-09-24
4.	Tejas Mulekar	Great Learning "Artificial Intelligence Fundamentals"	Certificate of Completion		
5.	Tejas Mulekar	CODSOFT "Web Development"	Certificate of Completion	1 month	20-06-24 to 20-07-24
6.	Ayush Naik	Experiment 7 – Palm pilot BOT [ Centrado Kit ]	Infosys course completion certificate	-	22-03-24

**Term Second**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date

**6.5 STUDENT PLACEMENT**

Number of students Placed:

Lower Package Offered:

Higher package Offered:

Average Package Offered:

**Term First**

Sr. No.	Name of Organization	Number of Students Participated	Number of Students Placed

**Term Second**

Sr. No.	Name of Organization	Number of Students Participated	Number of Students Placed

#### 6.6 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS

(IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/CIVIL SERVICES/STATE GOVERNMENT EXAMINATIONS ETC.)

Sr. No.	Names of Student Qualified	Name of the Qualifying Exam	Registration Number/Roll Number for the Exam

- Few good photographs with caption related to Student Achievement on new page.





# CERTIFICATE OF COMPLETION

Presented to

**Tejas Mulekar**

For successfully completing a free online course  
Ecommerce Website with HTML & CSS

Provided by

Great Learning Academy

(On August 2024)

**TRINITY**  
Accredited by NAAC with 'A+' Grade

**KJ's Educational Institute, Pune**  
Sr. No. 25 & 27, Near Khadi machine Chowk, Kondhwa Annex, Saswad Rd., Pune : 411 048

*Certificate*

**GRAVITY 2K25**

*This is to certify that Mr./Miss. Ayush Naik.....has participated in  
Circuit Simulation and decoding.....at Gravity 2k25, 9<sup>th</sup>  
National Level Technical Symposium, Organized by KJ College of Engineering and Management Research,  
Pune on 28<sup>th</sup> January 2025.*

**Dr. Pramod U. Chavan**  
Convener

**Dr. Suhas Khot**  
Principal, KJCOEMR

**Dr. Hemant Deshmukh**  
Dean, Student Development

**Dr. Ajay Fulambarkar**  
Technical Director, KJEI

**MAJ. GEN. Sameer Kalla VSM (Retd)**  
Executive Director, KJEI

TRINITY COLLEGE OF ENGINEERING & RESEARCH [ENR1114]

KJ COLLEGE OF ENGINEERING & MANAGEMENT RESEARCH [ENR2209]

TRINITY ACADEMY OF ENGINEERING [ENR6214]

TRINITY COLLEGE OF PHARMACY (DIPLOMA) [ENR156]

TRINITY POLYTECHNIC, PUNE [DEE24]

TRINITY INSTITUTE OF MANAGEMENT & RESEARCH [MR0174]

TRINITY COLLEGE OF ENGINEERING & RESEARCH, MAHARANG. [MR0104]

TRINITY COLLEGE OF ARCHITECTURE [AR0403]

TRINITY JUNIOR COLLEGE

TRINITY INTERNATIONAL SCHOOL

7  
BEST  
PRACTICES  
AND  
SUMMARY

### 7.1 ANY OTHER SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT (NOT COVERED ABOVE)

Sr. No.	Details
1	Dr. Neha Shahare working as a Program Coordinator for this department at SPPU Level.

### 7.2 MISCELLANEOUS (NOTABLE INFRASTRUCTURE AND FACILITY UPGRADES)

Sr. No.	Details
1	Three Laboratories completely newly developed. ( Electronic Circuits Lab, Communication Lab and Digital Circuits Lab)

### 7.3 FEEDBACK FROM STAKEHOLDERS

Sr. No.	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Students	30	Positive Feedback
2	Teachers	02	Positive Feedback
3	Parents	20	Parents mentioned that department is taking good Practices.
4	Alumni	-	
5	Employers	-	

### 7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT (DESCRIBE IN MAXIMUM 500 WORDS)

#### Best Practice 1:

**Academic Excellence:** Highly Experienced and qualified faculty is appointed for teaching and implementation of Outcome-Based Education (OBE) framework. Regular curriculum enrichment is done through expert lectures, hands on workshops and MOOCs courses on NPTEL and Udemy Platforms. Identification of advanced and slow learners and engagement through peer learning except class room teaching enhance student's interest in academics.

### 7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

Nil

### 7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

**Strength:**

1	Strong Academic Curriculum and Pedagogy
2	State-of-the-Art Laboratory
3	Qualified and Experienced Faculty
4	Industry-Academia Linkages and Student Exposure
5	Holistic Student Development

**Weaknesses:**

1	Lack of Research & Development
2	Lack of Faculty Trainings-as per industry requirement & updation
3	Low participation in professional bodies
4	Infrastructure Constraints
5	Strength of Students –Daily Attendance

**Opportunities:**

1	Interdisciplinary Research
2	Professional Body Involvement
3	Industry collaborations through MoUs
4	Skill Development Training & Internships
5	Rising demand in core sector

**Challenges:**

1	Good Placement of Students
2	Balancing Teaching ,Non-Teaching & Research
3	Upgradation of Faculty as per fast pace of technology
4	Maintaining Students Engagement & Interest in Studies
5	Sponsored Projects & Consultancy

**7.7 FUTURE PLANS OF THE DEPARTMENT (FOR NEXT ACADEMIC YEAR)**

1	Zero Backlog Mission as suggested by Technical Director
2	Industry collaborations through MoUs
3	Focus on NEP implementation & Holistic Development of Students
4	Improvement in Students Attendance
5	Formation of Students Association & clubs

**7.8 EFFORTS BY THE DEPARTMENT AT INSTITUTE / DEPARTMENT LEVELS TO PROMOTE AND ASSURE QUALITY IN THE FOLLOWING AREAS**

Area	Efforts/ Initiative
Academics and overall profile of Department	With strong efforts towards regular academics through various innovative teaching learning pedagogies and conduct of remedial lectures for weak students results in significant improvement in result in 2 <sup>nd</sup> sem (2024-25).
Organization of different activities	Various events have been organized in department in view of Mission of National Education Policy towards holistic development of students covering soft skills, curricular, extra-curricular, personality development, project management and research & innovation.
Research and Innovation	Faculty has published Research papers in Scopus indexed Journals & Springer Conferences; drafted 3 copyrights; drafted 2 Research proposals.
Industry Institute Interaction	One Industrial visit is organized by the department for SE students in Jan-June 2025 and 1 MoU was signed with IMS Learning Resources Pvt. Ltd., Pune
Student Achievements	Students participated in National Level project competitions Gravity at KJCOEMR, ISTE sponsored NLPC, Project competition at Wadia college in PBL activity.

**ANNUAL SUMMARY SHEET**

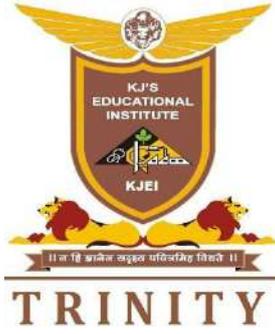
Sr. No.	Particular	Count
	<b>PROFILE OF DEPARTMENT</b>	
1	Students in the department	63
	<b>CONTRIBUTION BY FACULTY</b>	
2	E-learning materials develop by faculty and available online	-
3	Number of FDPS/MDPS/STTPS/FOPS/ Workshops (teaching and supporting staff) attended by Faculty	9
4	Number of Seminars/ webinars attended by the department faculty	1
5	Number of Conferences/ symposiums attended by the department faculty	5
6	Number of Online courses / certificate courses completed by department faculty	2
7	Number of Faculty served as resource person, expert, chairperson etc	4
	<b>EVENTS AND ACTIVITIES FACILITATED</b>	
8	Number of FDP/MDP/STTP/FOP/Workshop organized by the department	4
9	Number of Seminars/ webinars organized by the department	-
10	Number of Conferences/ symposiums organized by the department	-
11	Number of MOU signed with academic and professional organizations (Excluding Industry)	01

12	Number of Extension activities conducted by the department (Social activities / any other activity)	-
13	Number of student chapter/ club	-
14	Social activities organized (Environment Conservation activities, Women empowerment activities, Awareness Programs etc)	1
<b>RESEARCH AND CONSULTANCY</b>		
15	Number of Patents	-
16	Number of copyright, trademark and other (IPR)	-
17	Number of Papers published/ presented in proceedings of conferences	3
18	Number of Papers published in journals	2
19	Number of Book publications	1
20	Number of Book Chapter publications	2
21	Total Research citations	345
22	Number of ME awarded	Nil
23	Number of PhD awarded	Nil
<b>INDUSTRY INSTITUTE INTERACTION</b>		
24	Number of Industry/Site visits organised	01
25	Number of Expert talks and webinars delivered by industry professionals	02
26	Number of Industry sponsored projects (UG/PG)	00
27	Number of MOU signed with industry	01
28	Number of Faculty members undergone industrial training	00
29	Number of Students undergone in-plant training and (or) internship programme	NA
30	Number of students placed	NA
<b>ACHIEVEMENTS OF STUDENTS</b>		
31	Number of student Achievements	17
32	Number of students qualified in the competitive examinations	NA

  
Head of Department



  
Principal



**KJ's Educational Institute**

# **K J College of Engineering and Management Research**

## **Internal Quality Assurance Cell**

### **DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING**

#### **ANNUAL REPORT**

**(01 June 2024 to 31 May 2025)**

#### **Academic Year 2024 - 25**

- **TERM – FIRST: 1<sup>st</sup> July 2024 – 25<sup>th</sup> October 2024**
- **TERM – SECOND: 1<sup>st</sup> January 2025 – 26<sup>th</sup> April 2025**

#### **Guidelines:**

- Fill up this sheet for all the contributions /activities conducted at Department level only.
- Please add rows to the table below to suit your requirements
- Ensure that data does not differ from other official records and all the supporting documents are available.
- All the dates are in DD/MM/YYYY format.
- Use separate row for every details.
- For any queries, you may contact: Prof. Abhishek K. Taware, Coordinator,
- IQAC email: [iqacordinator.kjcoemr@kjei.edu.in](mailto:iqacordinator.kjcoemr@kjei.edu.in)

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1

# DEPARTMENT PROFILE

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	2009
2	Number of Faculty during A.Y. 2024-25	10
6	Program(s) Offered (UG/PG/PhD )	UG

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE Electronics and Telecommunication	60
	<b>Total</b>	<b>60</b>

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
1. Computer Lab-I	5. Communication Lab-II
2. Computer Lab-II	6. Project Lab
3. Digital Electronics Lab	7. Basic Electronics Engineering Lab
4. Communication Lab-I	

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG	432	432

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
1 MATLAB 2022	

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty: 06

ii) Number of female Faculty: 04

iii) Number of PhD Faculty: 02

iv) Number of PhD Registered Faculty:

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with -Membership No.
1	Dr. Pramod Uttamrao Chavan	PhD, M.Tech	Associate Professor	430718	ISTE – LM 118889
2	Dr. Rajendra Govinda Zope	PhD, MTech	Associate Professor	538772	IOE: F-114849-0 IETE: F-150506 ISTE: LM-8188
3	Mrs. Shilpa Jaykumar Kale	ME, Ph. D. (Pursuing)	Assistant Professor	428057	IEIE: AM198782
4	Mr. Vivek Dattaram Ghanekar	ME, Ph. D. (Pursuing)	Assistant Professor	427995	IETE: 237164
5	Mr. Rahimraja Gabilal Shaikh	ME (Elex)	Assistant Professor	427926	IETE
6	Mrs. Poonam Suraj Gham	ME, Ph. D. (Pursuing)	Assistant Professor	430655	ISTE: LM124802
7	Prof. J. M. Sandur	ME, Ph. D. (Pursuing)	Assistant Professor	428141	-
8	Mr. Ganesh Shivaji Kadam	ME	Assistant Professor	-	-
9	Prof. Sabiha Perveen	M. Tech.	Assistant Professor	428356	-
10	Vaibhav Nema	ME, Ph. D. (Pursuing)	Assistant Professor	-	-

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff: 01

ii) Number of female supporting staff: 01

Sr. No.	Name of Supporting Staff	Qualification	Designation
1	Mrs. Swapnali Dhumake	BE E&TC, ME Pursuing	Teaching Assistant

2	Mr. Nitin Saste	FYBA, Hardware Networking	Peon
---	-----------------	---------------------------------	------

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
E&TC UG (FE)	5	2	0	0	10	9	16	16	5	4	36	31
E&TC UG (SE)	4	3	0	0	17	12	20	11	8	2	49	28
E&TC UG (TE)	2	1	0	0	7	5	20	11	7	2	36	19
E&TC UG (BE)	0	0	0	0	2	4	7	7	1	0	10	11

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
E&TC UG (FE)	Nil	Nil
E&TC UG (SE)	Nil	Nil
E&TC UG (TE)	Nil	Nil
E&TC UG (BE)	Nil	Nil

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term – First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Pramod Uttamrao Chavan	TE	Electromagnetic Field Theory	95	99	97
		BE	Cloud Computing	96	98	97
2	Dr. Rajendra Govinda Zope	SE	Digital Circuits	61	85	73
		TE	Digital Communication	82	86	84
3	Mrs.shilpa Jaykumar Kale	TE	Elective - I (Computer Networks)	90	91	90.5
		BE	Elective - 4 (Electronic Product Development)	91	93	92
4	Mr.Vivek Dattaram Ghanekar	SE	Data structures	92	94	93
		BE	Elective - 3 (Embedded & RTOS)	94	97	95.5
5		TE	Microcontrollers	96	96	96

	Mr. Rahimraja Gabilal Shaikh	BE	Radiation & Microwave Theory	96	100	98
6	Mrs.Poonam Suraj Gham	TE	Database Management	93	94	93.5
		TE	Elective - I (Fundamentals of JAVA Programming)	95	94	94.5
7	Prof. J. M. Sandur	SE	Electronic Circuits	94	89	91.5
8	Mr. Ganesh Shivaji Kadam	BE	VLSI Design and Technology	78	90	84
9	Vaibhav Nema	SE	Electrical Circuits	82	83	82.5

**Term – Second**

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Dr. Pramod Uttamrao Chavan	BE	Digital Marketing (Elective - 6)	98	98	98
		TE	Sensors in Automation	99	98	98.5
2	Dr. Rajendra Govinda Zope	SE	Principles of Communication Systems	82	82	82
		TE	Power Devices & Circuits	92	94	93
3	Mrs.shilpa Jaykumar Kale	TE	Cellular Networks	94	91	92.5
		BE	Fiber Optic Communication	94	92	93
4	Mr.Vivek Dattaram Ghanekar	SE	Object Oriented Programming	93	94	93.5
		BE	Embedded System Design (Elective - 5)	98	96	97
5	Mr. Rahimraja Gabilal Shaikh	SE	Signals & Systems	96	95	95.5
		TE	Project Management	98	97	97.5
6	Mrs.Poonam Suraj Gham	TE	Advance Java Programming (Elective - 2)	97	99	98
7	Prof. J. M. Sandur	SE	Control Systems	89	-	89
8	Mr. Ganesh Shivaji Kadam	SE	Control Systems	-	75	75

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term – First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	65	24	1	14	9	-	-	-	-	24	41
2	SE	77	31	-	8	7	10	6	-	-	31	46
3	TE	52	30	2	9	11	7	1	-	-	30	22
4	BE	19	15	1	7	4	3	-	-	-	15	4

#### Term – Second

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	65	19	3	9	5	2	-	-	-	19	46
2	SE	74	23	4	8	7	3	1	-	-	23	51
3	TE	55	31	3	10	12	3	3	-	-	31	24
4	BE	21	18	0	2	11	5	-	-	-	18	3

#### Two Term Final Result

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	65	19	3	9	5	2	-	-	-	19	46
2	SE	74	23	4	8	7	3	1	-	-	23	51
3	TE	55	31	3	10	12	3	3	-	-	31	24
4	BE	21	18	0	2	11	5	-	-	-	18	3

### 1.12 NAME OF THE TOPPER

Sr. No.	Class	Name of the student	Score
1	FE	GHANWAT AKASH RAJENDRA	9.14
2	SE	PATIL SHOOM SUNIL	9.36
3	TE	Bidve Vishveshvar Sidram	9.64
4	BE	Pawar Sarvesh Chandrakant	9.18

### 1.13 UNIVERSITY RANKERS

Sr. No.	Class	Name of the student	Rank
1	FE	NIL	NIL
2	SE		
3	TE		
4	BE		

- Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department on new page.



Computer Lab-I



Communication Laboratory-I

2

CONTRIBUTION

BY

FACULTY

## 2.1 ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

### Term - First

Sr. No.	Name of Faculty	Awards and Recognition
1	Prof. Vivek Ghanekar	Letter of Appreciation for SWO work by Savitribai Phule Pune University

### Term - Second

Sr. No.	Name of Faculty	Awards and Recognition
1	Dr. R. G. Zope	Best Library Reader

## 2.2 FACULTY CONTRIBUTION ACROSS VARIOUS PLATFORMS

Participation and recognition across various platforms such as University-level bodies, State and National forums, International engagements, corporate collaborations, and Social or Community initiatives. (Syllabus setting, paper setting, MoU etc.)

### Term - First

Sr. No.	Name of Faculty	Details of contribution
1	Dr. Pramod U. Chavan	Coordinator Faculty Orientation workshop of FE BXE NEP-2020 (2024P)
2	Prof. Vivek Ghanekar	Coordinator Faculty Orientation workshop of FE BXE NEP-2020 (2024P)
3	Dr. Pramod U. Chavan	Subject Chairman for BE- Fibre Optic Communication
4	Prof. Jyoti Sandoor	MOU with Sparks Innovation

### Term - Second

Sr. No.	Name of Faculty	Details of contribution
1	Dr. Pramod U. Chavan	Subject Chairman for BE- Fibre Optic Communication

## 2.3 FACULTY ENGAGEMENTS AS RESOURCE PERSONS, EXPERTS, AND SESSION CHAIRS

### Term - First

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
1	Dr. R. G. Zope	Judge in Internet of Things project exhibition in computer engineering	KJCOEMR	18/10/2024

2	Prof. Shilpa J. Kale	Judge for Avishkar 2024	KJCOEMR	25/09/2024
3	Prof. Vivek D. Ghanekar	Judge for Avishkar 2024	KJCOEMR	25/09/2024
4	Prof. Vivek D. Ghanekar	Judge for Project Expo 2025 Competition	TCOER	09/04/2025
5	Dr. Pramod U. Chavan	Expert session for FoW on "Train the Teacher"	KJCOEMR	30/12/2024
6	Prof. Vivek D. Ghanekar	Expert session for FoW on "Train the Teacher"	KJCOEMR	31/12/2024
7	Prof. Shilpa J. Kale	Expert session for FoW on "Train the Teacher"	KJCOEMR	31/12/2024

**Term - Second**

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
1	Dr. Pramod U. Chavan	Session Chair for 6th International Conference on Emerging Technology 2025	TCOER	3rd & 4th April 2025
2	Dr. Pramod U. Chavan	Convener Gravity 2K25	KJCOEMR	28/01/2025
3	Dr. R. G. Zope	Judge in national level project competition 2025 (NLPC-2025)	IETE Pune Center	1/04/2025 to 05/04/2025
4	Prof. Vivek Ghanekar	Judge in national level project competition 2025 (NLPC-2025)	IETE Pune Center	1/04/2025 to 05/04/2025

**2.4 FACULTY-CONTRIBUTED E-LEARNING MATERIALS AND AVAILABLE ONLINE**

**Term – First**

Sr. No.	Name of the Faculty	Title of the E- Learning Content	Content Platform	Link
1	Dr. R. G. Zope	Digital Circuits	Google Classroom	<a href="https://classroom.google.com/u/1/c/Njg1MDAyMTQyNDI1">https://classroom.google.com/u/1/c/Njg1MDAyMTQyNDI1</a>
		Digital Communication	Google Classroom	<a href="https://classroom.google.com/u/1/c/NjkkxNzU3MDUwOTIz">https://classroom.google.com/u/1/c/NjkkxNzU3MDUwOTIz</a>
2	Prof. S. J. Kale	Elective - I (Computer Networks)	Google Classroom	<a href="https://classroom.google.com/c/NzAzNjkkxMDA2OTUz">https://classroom.google.com/c/NzAzNjkkxMDA2OTUz</a>
		Elective - 4 (Electronic Product Development)	Google Classroom	<a href="https://classroom.google.com/c/NzAzMDgzMDMyODc5">https://classroom.google.com/c/NzAzMDgzMDMyODc5</a>

3	Prof. V. D. Ghanekar	Data structures	Google Classroom	<a href="https://classroom.google.com/c/NzAxMTIzMDEzNTg2">https://classroom.google.com/c/NzAxMTIzMDEzNTg2</a>
		Elective - 3 (Embedded & RTOS)	Google Classroom	<a href="https://classroom.google.com/c/NzAwODUzMDY3NDY2">https://classroom.google.com/c/NzAwODUzMDY3NDY2</a>
4	Prof. P. S. Gham	Database Management	Google Classroom	<a href="https://classroom.google.com/c/Njk2ODQ4ODIzNTI1?cjc=jeufotf">https://classroom.google.com/c/Njk2ODQ4ODIzNTI1?cjc=jeufotf</a>
		Elective - I (Fundamentals of JAVA Programming)	Google Classroom	<a href="https://classroom.google.com/c/NzAxMjE0NzY0MjA0?cjc=xy54sqa">https://classroom.google.com/c/NzAxMjE0NzY0MjA0?cjc=xy54sqa</a>

**Term – Second**

Sr . No.	Name of the Faculty	Title of the E- Learning Content	Content Platform	Google Classroom Link
1	Dr. R. G. Zope	Principles of Communication Systems	Google Classroom	<a href="https://classroom.google.com/u/1/c/NzMzMzA5MjI2MjE3">https://classroom.google.com/u/1/c/NzMzMzA5MjI2MjE3</a>
		Power Devices & Circuits	Google Classroom	<a href="https://classroom.google.com/u/1/c/NzQzMTYyNDc0OTY3">https://classroom.google.com/u/1/c/NzQzMTYyNDc0OTY3</a>
2	Prof. S. J. Kale	Cellular Networks	Google Classroom	<a href="https://classroom.google.com/c/NzQ2MDM5MzQ4OTM3">https://classroom.google.com/c/NzQ2MDM5MzQ4OTM3</a>
		Fiber Optic Communication	Google Classroom	<a href="https://classroom.google.com/c/NzI1OTgyMDk2MjYy">https://classroom.google.com/c/NzI1OTgyMDk2MjYy</a>
3	Prof. V. D. Ghanekar	Object Oriented Programming	Google Classroom	<a href="https://classroom.google.com/c/NzMzOTk1NDcwNTM3">https://classroom.google.com/c/NzMzOTk1NDcwNTM3</a>
		Embedded System Design (Elective - 5)	Google Classroom	<a href="https://classroom.google.com/c/NzQzNjI1MzE4NTUx">https://classroom.google.com/c/NzQzNjI1MzE4NTUx</a>
4	Prof. P. S. Gham	Advance Java Programming (Elective - 2)	Google Classroom	<a href="https://classroom.google.com/c/NzQ2Mjc5OTgyNDQ4?cjc=6cviqbl">https://classroom.google.com/c/NzQ2Mjc5OTgyNDQ4?cjc=6cviqbl</a>
		Data Analytics Lab	Google Classroom	<a href="https://classroom.google.com/c/NzE1OTM5NDU2MjAw?cjc=c3vbnc5">https://classroom.google.com/c/NzE1OTM5NDU2MjAw?cjc=c3vbnc5</a>
5	Ms. Swapnali Dhumke	Innovation and Entrepreneurship	Google Classroom	<a href="https://classroom.google.com/c/NzQ1MDAzNTE0NTI4?cjc=hc5kybf">https://classroom.google.com/c/NzQ1MDAzNTE0NTI4?cjc=hc5kybf</a>

**2.5 FACULTY PARTICIPATION IN FDPS/MDPS/STTPS/FOPS/ WORKSHOPS (TEACHING AND SUPPORTING STAFF)**

**Term - First**

<b>Sr. No</b>	<b>Name of Faculty</b>	<b>Name of FDPS/MDPS/STTPs/FOPs/ Workshops Name</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date- End Date</b>
1	Dr. P. U. Chavan	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
2	Prof. V. D. Ghanekar	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
3	Prof. R. G. Shaikh	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
4	Prof. P. S. Gham	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
5	Prof. J. M. Sandur	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
6	Prof. S. Perveen	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
7	Prof. V. Nema	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
8	Mrs. Swapnali Dhumke	One Week ISTE Approved STTP, on " Incorporating Universal Human Values in Technical Education "	K J College of Engineering & Management Research	5	07 <sup>th</sup> to 11 <sup>th</sup> October 2024
9	Dr. R. G. Zope	National Intellectual Property Awareness Mission	K J College of Engineering & Management Research	1	02 <sup>nd</sup> August 2024

10	Prof. S. J. Kale	National Property Mission	Intellectual Awareness	K J College of Engineering & Management Research	1	02 <sup>nd</sup> August 2024
11	Prof. V. D. Ghanekar	National Property Mission	Intellectual Awareness	K J College of Engineering & Management Research	1	02 <sup>nd</sup> August 2024
12	Dr. P. U. Chavan	One Week ISTE approved Short Term Training Program (STTP) on “Applied Mathematics in Science to Engineering”		K J College of Engineering & Management Research	5	22 <sup>nd</sup> to 26 <sup>th</sup> July 2024
13	Prof. R. G. Shaikh	One Week ISTE approved Short Term Training Program (STTP) on “Applied Mathematics in Science to Engineering”		K J College of Engineering & Management Research	5	22 <sup>nd</sup> to 26 <sup>th</sup> July 2024
14	Prof. V. D. Ghanekar	One Week ISTE approved Short Term Training Program (STTP) on “Applied Mathematics in Science to Engineering”		K J College of Engineering & Management Research	5	22 <sup>nd</sup> to 26 <sup>th</sup> July 2024
15	Dr. R. G. Zope	ISTE approved Self – Financing Faculty Development Program on ARVR (Augmented reality to Virtual Reality)		K J College of Engineering & Management Research	5	8 <sup>th</sup> to 12 <sup>th</sup> July 2024
16	Prof. J. M. Sandur	One week Faculty development program on “Recent Trend in computing 4.0”		Vishwakarma Institute of Technology	6	8 <sup>th</sup> to 13 <sup>th</sup> July 2024
17	Prof. P. S. Gham	One week Faculty development program on “Recent Trend in computing 4.0”		Vishwakarma Institute of Technology	6	8 <sup>th</sup> to 13 <sup>th</sup> July 2024
18	Prof. P. S. Gham	One week FDP on “AI in Engineering”		Trinity College of Engineering and Research	5	01 <sup>st</sup> to 05 <sup>th</sup> July 2024
19	Prof. J. M. Sandur	One week FDP on “AI in Engineering”		Trinity College of Engineering and Research	5	01 <sup>st</sup> to 05 <sup>th</sup> July 2024
20	Prof. S. Perveen	One week FDP on “AI in Engineering”		Trinity College of Engineering and Research	5	01 <sup>st</sup> to 05 <sup>th</sup> July 2024

21	Mrs. Swapnali Dhumke	One week FDP on “AI in Engineering”	Trinity College of Engineering and Research	5	01 <sup>st</sup> to 05 <sup>th</sup> July 2024
22	Prof. Sabiha Perveen	FoW on” Basic Electronics Engineering”	K J College of Engineering & Management Research	1	31/07/2024

**Term - Second**

Sr. No.	Name of Faculty	Name of FDPs/MDPs/STTPs/FOPs/ Workshops	Organized By	Duration in Days	Start Date- End Date
1	Dr. P. U. Chavan	FDP on Empowering Research Innovations through Mathematical Modelling”	Central University of Kashmir	2	09/06/2025 to 10/06/2025
2	Dr. R. G. Zope	FDP on Empowering Research Innovations through Mathematical Modelling”	Central University of Kashmir	2	09/06/2025 to 10/06/2025
3	Dr. R. G. Shaikh	FDP on Empowering Research Innovations through Mathematical Modelling”	Central University of Kashmir	2	09/06/2025 to 10/06/2025
4	Prof. V. D. Ghanekar	FDP on Empowering Research Innovations through Mathematical Modelling”	Central University of Kashmir	2	09/06/2025 to 10/06/2025
5	Prof. P. S. Gham	FDP on Empowering Research Innovations through Mathematical Modelling”	Central University of Kashmir	2	09/06/2025 to 10/06/2025
6	Dr. R. G. Zope	STTP “Towards Secure Cyberspace Strengthening Cyber Security in Academia, Industry to Society	MKSSS's Cummins College of Engineering For Women	5	12/05/2025 to 16/05/2025
7	Dr. P. C. Chavan	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025
8	Dr. R. G. Zope	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025
9	Prof. S. J. Kale	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025

10	Prof. V. D. Ghanekar	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025
11	Prof. R. G. Shaikh	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025
12	Prof. P. S. Gham	STTP, on " Recent Trends in EV & Renewable Energy Sources "	K J College of Engineering & Management Research	5	21/04/2025 to 25/04/2025
13	Prof. P. S. Gham	2 days FDP on "Teaching for Learning to Social & Emotional Development"	K J College of Engineering & Management Research	2	28 <sup>th</sup> to 29 <sup>th</sup> Mar 2025
14	Prof. V. D. Ghanekar	ISTE approved One Week National Level Faculty Development Program on "Research to Reality: Exploring Methodology to IPR"	D.Y. Patil Institute of Technology	5	13th to 17th January 2025
15	Prof. Sabiha Perveen	STTP on "Data processing tools for AI/ML"	Shadan Women's College of Engineering and Technology, Hyderabad	5	19-24 May 2025

## 2.6 FACULTY PARTICIPATION IN SEMINAR/WEBINARS

### Term - First

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date-End Date
1	Dr. R. G. Zope	National Intellectual Property Awareness Mission	KJCOEMR, Pune	1	02 <sup>nd</sup> August 2024
2	Prof. S. J. Kale	National Intellectual Property Awareness Mission	KJCOEMR, Pune	1	02 <sup>nd</sup> August 2024
3	Prof. V. D. Ghanekar	National Intellectual Property Awareness Mission	KJCOEMR, Pune	1	02 <sup>nd</sup> August 2024
4	Dr. Rajendra Zope	Industry Expert Session on "Project Development" for BE students	KJCOEMR, Pune	1	25th Sep 2024

5	Prof. Shilpa Kale	Industry Expert Session for SE students on “Project Based Learning”	KJCOEMR, Pune	1	25th Sep 2024
6	Prof. Poonam Gham	Industry Expert Session for BE students on “Industry expectations from students”	KJCOEMR, Pune	1	25th Sep 2024
7	Dr. Pramod U. Chavan	Industry Expert demo on “Cloth Dryer Machine”	KJCOEMR, Pune	1	26th August 2024

**Term - Second**

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date- End Date
1	Prof. Shilpa Kale	Seminar on CDAC admission process and preparation	Dept. of E&TC, KJCOEMR	1	21/03/2025
2	Prof. Shilpa Kale	Session on Manufacturing Process of Stator and Rotor	Dept. of E&TC, KJCOEMR	1	19/03/2025
3	Prof. Shilpa Kale	Handson Session on Electronics Measuring Instruments	Dept. of E&TC, KJCOEMR	1	14/02/2025
4	Prof. Shilpa Kale	Data Analysis: Introduction to Power BI	Dept. of E&TC, KJCOEMR	1	17/02/2025

**2.7 FACULTY PARTICIPATION IN CONFERENCES/ SYMPOSIUMS**

**Term - First**

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date- End Date
1	Prof. Rahimraja Shaikh	National Conference on Advanced Computer Science and Information Technology (NCACSI)	National Conference	1	17/08/2024

**Term - Second**

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date- End Date
1	Dr. P. U. Chavan	3 <sup>rd</sup> International Conference on Innovative Trends in	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025

		Engineering and Technology (ICITET-2025)			
2	Dr. R. G. Zope	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
3	Prof. S. J. Kale	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
4	Prof. V. D. Ghanekar	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
5	Prof. R. G. Shaikh	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
6	Prof. P. S. Gham	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
7	Prof. S. Perveen	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025

8	Mrs. S. D. Dhumke	3 <sup>rd</sup> International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	K J College of Engineering & Management Research	02	12/06/2025 to 13/06/2025
9	Dr. P.U. Chavan	6th International Conference on Emerging Technology (ICET) – 2025	Trinity College of Engineering and Research	02	3rd April to 4th April 2025.
10	Dr. R. G. Zope	6th International Conference on Emerging Technology (ICET) – 2025	Trinity College of Engineering and Research	02	3rd April to 4th April 2025.
11	Prof. V. D. Ghanekar	6th International Conference on Emerging Technology (ICET) – 2025	Trinity College of Engineering and Research	02	3rd April to 4th April 2025.
12	Mrs. Swapnali Dhumke	6th International Conference on Emerging Technology (ICET) – 2025	Trinity College of Engineering and Research	02	3rd April to 4th April 2025.

**2.8 CERTIFICATE/ ONLINE COURSES COMPLETED BY DEPARTMENT FACULTY (MOOCs, SWAYAM, NPTEL ETC.)**

**Term - First**

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date- End Date
1	Dr. R. G. Zope	NPTEL Course “Digital Circuits”	NPTEL	12 Weeks	Jul- Oct 2024
2	Prof. S. J. Kale	NPTEL Course “Digital Circuits”	NPTEL	12 Weeks	Jul- Oct 2024

3	Prof. V. D. Ghanekar	NPTEL Course “Digital Circuits”	NPTEL	12 Weeks	Jul- Oct 2024
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**Term - Second**

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date- End Date
1	Prof. V. D. Ghanekar	NPTEL Course “Introduction to Embedded System Design”	NPTEL	12 Weeks	Jan- Apr 2025
2	Prof. P. S. Gham	NPTEL Course “Solar Photovoltaics: Principles, Technologies & materials:	NPTEL	8 Weeks	Jan- Mar 2025

- Few photographs with caption of related to faculty contribution (felicitation of faculty, photos of award function etc.) on new page.



**Faculty orientation workshop on Basic Electronics**

3

EVENTS

AND

ACTIVITIES

FACILITATED

**3.1 FDP/MDP/STTP/FOP/WORKSHOP ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of FDPs/MDPs/STTPs/FOP / Workshops with the Name of Organisation Approved like ISTE</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Sponsored/ Funding Agency (If any) and Amount (Rs.)</b>
1	Dr. R. G. Zope Prof. S. J. Kale	Incorporating Universal Human Values in Technical Education	5	7/10/2024 to 11/10/2024	151	Sponsored by K J College of Engineering and Management Research
2	Dr. P. U. Chavan Prof. Vivek Ghanekar	Faculty orientation workshop on First Year Engineering 2024 pattern NEP 2020 complaint curriculum structure for the subject Basic Electronics Engineering.	1	31/07/2024	109	Savitribai Phule Pune University in association with KJCOEMR Pune.
3	Dr. Pramod U. Chavan	One week STTP on Train the Teachers	8	24/12/2024 to 31/12/2024	17	Sponsored by K J College of Engineering and Management Research

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty Coordinator/s</b>	<b>Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>	<b>No. of Participants</b>	<b>Sponsored/ Funding Agency (If any) and Amount (Rs.)</b>
1.	Prof. G. S. Kadam Prof. Sabiha Perveen	Recent Trends in EV and Renewable Energy Sources	5	21/04/2025 to 25/04/2025	177	Sponsored by K J College of Engineering and Management Research

**3.2 SEMINAR/WEBINARS ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr. Pramod U. Chavan	Workshop on "Intellectual Property Rights and Patents Facilitation"	1 day	02/08/2024	85	-
2	Dr. Pramod U. Chavan	Session on Turning Idea into a Product: The Entrepreneurship way" by Pro. Bharat Oswal, ATAL Incubation center, NITE	1 day	15/10/2024	52	-

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
Nil						

**3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
NIL						

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
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1	Dr. Pramod U. Chavan Dr. R. G. Zope Prof. Vivek D. Ghanekar	3rd International Conference on Innovative Trends in Engineering and Technology	02 Days	12/06/2025 to 13/06/2025	24	Sponsored by K J College of Engineering and Management Research
2	Dr. Pramod U. Chavan	Gravity 2k25, 9 <sup>th</sup> national level technical symposium	1 Day	28/01/2025	501	Sponsored by K J College of Engineering and Management Research

### 3.4 COLLABORATION WITH ACADEMIC AND PROFESSIONAL BODIES/ORGANIZATION (EXCLUDING INDUSTRY)

#### 3.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

##### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

##### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

#### 3.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)

##### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YY YY)	Actual Activities under MOU	Number of Beneficiaries
1	Prof. Jyoti Sandoor	Spark Innovation	11/12/2024	10/12/2029	Industry Expert Session on "Project Development"	60
2	Dr. P. U. Chavan	Do IT INFOSYSTEMS	14/07/2023	13/07/2028	One day workshop on Java full stack development	52

3	Prof. Rutuja More	AEROSYS, HVDC SOLUTION LLCUAQ(U AE)	29/11/2023	28/11/2028	-	-
4	Prof. Shilpa Kale	ECE INDIA ENERGIES PRIVATE LIMITED,	13/10/2023	12/10/2028	-	-
5	Dr. R. G. Zope	<i>AMB's C- DSP</i>	13/04/2024	12/04/2027	-	-
6	Prof. Shilpa J. Kale	<i>Technouniq</i> Bag Electronics	19/04/2024 01/11/2022	18/04/2029 31/10/2027	-	-
7	Prof. Shilpa J. Kale	iBase Electrooft LLP,	01/07/2021	30/06/2026	-	-
8	Prof. Shilpa J. kale	Palp Technologies	05/07/2021	04/07/2026	-	-

**Term - Second**

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under MOU	Number of Beneficiaries
1	Prof. Jyoti Sandoor	Spark Innovation	11/12/2024	10/12/2029	-	-
2	Dr. P. U. Chavan	Do IT INFOSYSTEMS	14/07/2023	13/07/2028	One day workshop on Digital Marketing	21
3	Prof. Rutuja More	AEROSYS, HVDC SOLUTION LLCUAQ(UA E)	29/11/2023	28/11/2028	-	-
4	Prof. Shilpa Kale	ECE INDIA ENERGIES PRIVATE LIMITED,	13/10/2023	12/10/2028	-	-

5	Dr. R. G. Zope	AMB's C-DSP	13/04/2024	12/04/2027	-	-
6	Prof. Shilpa J. Kale	Technouniq Bag Electronics	19/04/2024 01/11/2022	18/04/2029 31/10/2027	-	-
7	Prof. Shilpa J. Kale	iBase Electrooft LLP,	01/07/2021	30/06/2026	-	-
8	Prof. Shilpa J. kale	Palp Technologies	05/07/2021	04/07/2026	-	-

**3.5 EXTENSION AND OUTREACH ACTIVITIES CONDUCTED BY THE DEPARTMENT (SOCIAL ACTIVITIES / ANY OTHER ACTIVITY)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries
1	Prof. Vivek Ghanekar	"Tree Plantation"	08th August 2024	15

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries
NIL				

**3.6 SOCIAL ACTIVITIES ORGANISED BY THE DEPARTMENT (ENVIRONMENT CONSERVATION ACTIVITIES, WOMEN EMPOWERMENT ACTIVITIES, AWARENESS PROGRAMS ETC)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
NIL				

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
NIL				

**3.7 STUDENT CHAPTERS /CLUBS**

Sr. No.	Name of Student Chapter	Number of Student Members
1	IETE Student Forum, Headquarter, New Delhi	50
2	ETESA	153
3	IEEE	153
4	The Institute of Engineers	153
5	ISTE	153
6	Idea Club	153
7	Sports	153
8	Cultural	153

**3.7.1 EVENTS ORGANISED BY STUDENT CHAPTERS / CLUBS AND OTHERS**

**Term - First**

**Name of Student Chapters: IETE**

**Name of faculty Adviser: Prof. R. G. Shaikh**

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries
1	Activity for SE students "Teachers Day"	-	1 Day	07th September 2024	54

**Term - Second**

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries
1	National level project competition (NLPC-2025)	MS. Shalaka Bibikar Mr. Harsh Bhutada Mr. Nishikant Mokashi Mr. Prasad patil Mr. Tejaswini Waghmare Mr. Pradnesh Dhoka Pavan Dere Tejaswini Walgude	1 Day	04/04/2025	322

**3.8 PARENT MEETING**

Name of Faculty Coordinator/s	Date	Details of Parent meetings	Number of Parents Attended
Prof. S. Parveen Prof. G. S. Kadam Prof. P. S. Gham	28/02/2025	A parent-teacher meeting is conducted to discuss students project reports, upcoming events or assignments and other information	11
Prof. J. M. Sandur Prof. P. S. Gham	23/08/2024	A parent-teacher meeting is conducted to discuss students project reports, upcoming events or assignments and other information	05

**3.9 ALUMNI MEET**

Name of Faculty Coordinator/s	Date	Details of Alumni Meet	Number of Alumni Attended
Prof. S. J. Kale	15/02/2025	Departmental alumni meet is conducted to strength the network, alumni, staff and existing students and to have an interaction between them.	27

**3.10 ALUMNI SUPPORT (DONATION OF MONEY, BOOKS, EQUIPMENT ETC)**

**Term - First**

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support
1	04/09/2024	Gauravi Sakate	Intelliswift, Bangalore	2023-24	Book Donation
2	04/09/2024	Manish Bhutiya	Intelliswift, Bangalore	2023-24	Book Donation
3	16/10/2024	Rahul Kardile,	Neosoft, Mumbai	2022-23	Book Donation

**Term - Second**

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support
NIL					

**3.11 ACTIVITIES WITH ALUMNI**

**Term - First**

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries
1	Mr. Rahul Kardile	Prof. S. J. Kale	Programing language Dot Net	16/10/2024	16
2	Ms. Dnyaneshwari Aher	Prof. S. J. Kale	Data Analysis	25/09/2024	19
3	Ms.Gauravi Sakate	Prof. S. J. Kale	Book Donation	04/09/2024	All students
4	Ms. Manisha Bhutiya	Prof. S. J. Kale	Book Donation	04/09/2024	All students
5	Mr. Rahul Kardile,	Prof. S. J. Kale	Book Donation	16/10/2024	All students

**Term - Second**

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries
1	Mr. Aniket Ingale	Prof. S. J. Kale	Handson session on Electronics Measuring Instruments	14/02/2025	52
2	Ms. Shrutika tilekar	Prof. S. J. Kale	Seminar on Data Analysis: Introduction to PowerBI	17/02/2025	19
3	Mr. Tejas Chorge	Prof. S. J. Kale	Session on Manufacturing Process of Stator and Rotor	19/03/2025	132
4	Manisha Bhutiya & Gauri Sakate	Prof. S. J. Kale	Session on Solar PV Cell	24/09/2024	67
5	Prasad Kanade	Prof. S. J. Kale	Seminar on CDAC Admission Process and Preparation	21/03/2025	90

6	All Alumni Students	Prof. S. J. Kale	Departmental Alumni Meet	15/02/2025	-
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**3.12 ADD ON /CERTIFICATE/VALUE ADDED PROGRAMS ORGANISED BY DEPARTMENT (MINIMUM 30 HOURS DURATION)**

**Term - First**

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries
NIL					

**Term - Second**

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries
NIL					

**3.13 GUIDANCE FOR COMPETITIVE EXAMINATIONS/CAREER COUNSELING AT THE DEPARTMENT LEVEL**

Faculty coordinator	Competitive Examinations/Career Counseling Activity Details	Total Number of Beneficiaries
Prof. Sabiha Parveen	Resume Building Session by Deepti Nair, People Support Manager at ILM Tech pvt.ltd.	18
Prof. Sabiha Parveen	MYSTUDIA Session on 16-17 January 2025	51
Prof. Sabiha Parveen	IBM skill building session on 05/09/2024	33
Prof. Sabiha Parveen	Counselling session on growth and personal development	49
Prof. Vaibhav Nema	Preparation for GATE examination	101

- Few good photographs with caption related to different activities organized on new page



**STTP on Train the Teachers from 24/12/2024 to 31/12/2024**

4

RESEARCH  
AND  
CONSULTANCY

#### 4.1 INTELLECTUAL PROPERTY ASSETS

##### 4.1.1 PATENTS

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published
NIL					

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published
NIL					

##### 4.1.2 COPYRIGHT, TRADEMARK AND OTHER (IPR)

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)
1	Prof. Vivek Ghanekar, Dr. Pramod U. Chavan	A Novel Channel Estimation Technique for Heterogenous Distributed System using Embedded AI	L-156502/2024	National

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)
NIL				

## 4.2 PUBLICATIONS

### 4.2.1 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

#### Term – First

Sr. No	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding
1	Prof. Rahimraja Shaikh	Smart Parking System and Charging Station	Proceedings of the National Conference on Advanced Computer Science and Information Technology (NCACSI)	National Conference on Advanced Computer Science and Information Technology (NCACSI)	National	-

#### Term – Second

Sr. No	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding
1	Prof. Vivek Ghanekar	Iot-Enabled Energy Meter for Real-Time Electricity Monitoring and Management	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
2	Prof. Rahimraja Shaikh	Telemedicine Kit for Remote Health Monitoring	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
3	Dr. Pramod Chavan	IoT-Based Real Time Smart Waste Management System with AI Waste Segregation	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
4	Swapnali Dhumke, Shilpa Kale	Deep learning assisted signature Verification system with online acquisition	3rd International Conference On Innovative Trends In	3rd International Conference On Innovative Trends In	International	978-93-91535-73-5

			Engineering and Technology 2025	Engineering and Technology 2025		
5	Swapnali Dhumke, Shilpa Kale	Integrating DWT And SIFT Based Copy Move Image Forgery Detection	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
6	Dr. Rajendra G. Zope, Poonam Gham, Sabiha Perveen	Kalman Filter-Based Channel Impulse Response Estimation for DS-CDMA Systems over Multipath Fading Channels Using Various Modulation Schemes	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
7	Rajendra G Zope,	Automated Irrigation System For Smart farming	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
8	Poonam S. Gham, Dr. Rajendra G. Zope, Dr. Sanjaykumar .I. Nipanikar	Early Parkinson's Disease Identification Through Machine Learning Techniques	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
9	Dr. Pramod Chavan	Development of an IoT-Enabled Hybrid Architecture for Smart Cloth Drying	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
10	Poonam Gham	Wheelchair With voice and gesture control for people with physical disabilities Wheelchair With voice and gesture control for people with physical disabilities Wheelchair With voice and gesture control for people with physical disabilities	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5

		Wheelchair With voice and gesture control for people with physical disabilities				
11	Dr.Pramod U.Chavan	Intelligent Building Automation System: A Layered Hardware and Software Architecture Approach	International Conference on Smart Computing and Communication	International Conference on Smart Computing and Communication	International	
12	Ms.Swapnali Dhumke	Integrating DWT And SIFT Based Copy Move Image Forgery Detection	3rd International Conference On Innovative Trends In Engineering and Technology 2025	3rd International Conference On Innovative Trends In Engineering and Technology 2025	International	978-93-91535-73-5
13	Dr. P.U. Chavan	Comparative Analysis of Machine Learning Techniques for the Diagnosis of Osteoarthritis	6th International Conference on Emerging Technology (ICET) – 2025	6th International Conference on Emerging Technology (ICET) – 2025	International	0971-3034
14	Dr. R. G. Zope	Smart Irrigation System for the Precise Farming	6th International Conference on Emerging Technology (ICET) – 2025	6th International Conference on Emerging Technology (ICET) – 2025	International	0971-3034
15	Prof. V. D. Ghanekar	Optimizing Embedded Communication Networks with AI: Trends, Challenges, and Future Directions	6th International Conference on Emerging Technology (ICET) – 2025	6th International Conference on Emerging Technology (ICET) – 2025	International	0971-3034
16	Mrs. Swapnali Dhumke	Novel Walrus Optimization for Efficient Codebook Design in Image Compression	6th International Conference on Emerging Technology (ICET) – 2025	6th International Conference on Emerging Technology (ICET) – 2025	International	0971-3034

#### 4.2.2 PAPERS PUBLISHED IN JOURNALS

##### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, , ISSN Number, Impact Factor etc.	Indexing
1	Prof. Rahimraja Shaikh	Enhancing Radiology Diagnosis through Convolutional Neural Networks for Computer Vision in Healthcare	Journal Nanotechnology perceptions	2024	-

##### Term – Second

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, Impact ISSN Number, Factor etc.	Indexing
1	Prof. Shilpa J. Kale, Dr. Pramod U. Chavan	Deep ensemble architecture with improved segmentation model for Alzheimer's disease detection	Journal of Medical Engineering & Technology	April 2025, Vol. 49.	Scopus
2	Dr. Pramod U. Chavan	Hybrid architecture for crop detection and leaf disease detection with improved U-Net segmentation model and image processing	Crop Protection	Vol. 190, Apr. 2025	SCI

#### 4.2.3 BOOK PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Prof. Rahimraja Shaikh	Introduction to Wireless Sensor Networks	August 2024	978-93-5621-557-3
2	Prof. Rahimraja Shaikh	Basic Electronics Engineering	September 2024	-

#### 4.2.4 BOOK CHAPTER PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book Chapter	Publication Details Like Month and Year and Other (if any)	ISBN Number
1	Prof. Poonam Gham	Generative Models in Medical Imaging	2025	9781003539483

#### 4.2.5 RESEARCH CITATIONS (SOURCE: WS/SCOPUS/GOOGLE SCHOLAR - AS ON 31<sup>TH</sup> MAY)

Total Citations of Department:

Sr. No.	Name of Faculty	Citations	h-index	i10 index
1	Dr. Pramod Uttamrao Chavan	112	6	4
2	Dr. Rajendra Govinda Zope	101	5	3
3	Mrs. shilpa Jaykumar Kale	7	1	0
4	Mr. Vivek Dattaram Ghanekar	-	-	-
5	Mr. Rahimraja Gabilal Shaikh	-	-	-
6	Mrs. Poonam Suraj Gham	-	-	-
7	Mr. Ganesh Shivaji Kadam	49	2	1
8	Prof. Sabiha Perveen	-	-	-

#### 4.3 EXTERNAL FINANCIAL SUPPORT

##### 4.3.1 GRANT-SUPPORTED/ SPONSORED RESEARCH PROJECT

Sr. No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Duration of the Project	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
1	Prof. Vivek D. Ghanekar/D r. Pramod U. Chavan	ASPIRE 2025	-	Savitraibai Phule Pune University	Under Scrutiny	-

##### 4.3.2 GRANTS/FINANCIAL SUPPORT FOR OTHER ACTIVITIES

Sr. No.	Faculty Coordinator	Name of the Activity	Duration of the Activity	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
NIL						

#### 4.4 CONSULTANCY AND TESTING

Sr. No.	Faculty Coordinator	Details of Consultancy and Testing Conducted	Revenue Generated (Rs.)
NIL			

#### 4.5 POSTGRADUATE AND DOCTORAL DEGREES AWARDED

##### 4.5.1 MASTER OF ENGINEERING DEGREE AWARDED (FOR DEPARTMENTS HAVING POST GRADUATION COURSE)

Sr. No.	Name of Supervisor	Title of Dissertation	Name of Candidate
NA			

##### 4.5.2 PHD AWARDED (FOR DEPARTMENTS HAVING PH.D RESEARCH CENTRE)

###### 4.5.2.1 PHD GUIDE DETAILS

Sr. No.	Faculty Name (Ph.D. Supervisor)	Number of Scholars Registered
NA		

#### 4.5.2.2 DOCTOR OF PHILOSOPHY (PH.D.) DEGREES AWARDED

Sr. No.	Name of Supervisor	Title of Thesis	Name of Candidate
NA			

- Few good photographs with caption related to different activities under Research, Innovation and IPR on new page.

5

INDUSTRY  
INSTITUTE  
INTERACTION

## 5.1 VISITS TO INDUSTRIES/SITES ORGANIZED

### Term – First

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
1	Prof. Ganesh Kadam	TE	38	CII NexGen Mobility Show 2024, Moshi, Pune	18/10/2024

### Term – Second

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
1	Prof. Ganesh Kadam and Dr. Vaibhav Nema	SE	38	Autocluster Exhibition Center, Chinchwad, Pune	14/02/2025

## 5.2 EXPERT TALKS AND WEBINARS DELIVERED BY INDUSTRY PROFESSIONALS

### Term – First

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
1	Prof. Shilpa J. Kale	BE	16	Rahul Kardile, Neosoft, Mumbai	Programming language Dot Net	16/10/2025
2	Prof. Shilpa J. Kale	BE	19	Ms. Dnyaneshwari Aher, Data Administrator, Wipro Technologies, Pune.	Expert lecture on Data Analysis	25/09/2024
3	Prof. Shilpa J. Kale	BE	14	Mr. Harsh Bhutada CEO, SparkVision, PUNE	Industry Expert Session on “Project Development” for BE students	25/09/2024
4	Prof. Shilpa J. Kale	BE	14	Mr. Bhushan Botre	Industry Expert Session for BE students	25/09/2024
5	Prof. P. U.; Chavan	TE	52	Mr. Sanket Gharge and Team	One day workshop on Java full stack development	24/07/2024

6	Mrs. Jyoti Sandoor	TE	60	Mr. Harsh Bhutada	Industry Expert Session on “Project Development”	25/09/2024
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**Term – Second**

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
1	Prof. Shilpa J. Kale	TE	52	Mr. Aniket Ingale, Ms. Snehal Dukare, Revine Technology, Pune	Handson Session on Electronics Measuring Instruments	14/02/2025
2	Prof. Shilpa J. Kale	BE	19	Ms. Shrutika Tilekar, Data Analyst at Commissioner Office, Pune	Data Analysis: Introduction to Power BI	17/02/2025
3	Prof. Shilpa J. Kale	SE, TE and BE	132	Mr. Tejas Chorge, Working as Head of the Department at Trimurty Stamping Pvt. Ltd, Satara	Session on Manufacturing Process of Stator and Rotor	19/03/2025
4	Prof. Shilpa J. Kale		67	Manisha Bhutita & Gauravi Sakate, Intelswift, Bangalore	Session on solar PV cell	24/09/2025
5	Prof. Shilpa J. Kale	SE and TE	90	Prasad Kanade	Seminar on CDAC admission process and preparation	21/03/2025
6	Prof. P. U.; Chavan	BE	21	Mr. Aniket Gharge and Mr. Sahil Mulla	One day workshop on digital marketing	25/04/2025

### 5.3 INDUSTRY SPONSORED PROJECTS (UG/PG)

Sr. No.	Name of Project Guide	Title of Project	Name of Sponsoring Industry	Details of Sponsorship
1	Dr. Pramod U. Chavan	Analysis and Monitoring of Cloth Dryer Machine	NMNV, Pune	Fully Sponsored by Industry

### 5.4 COLLABORATION WITH INDUSTRY

#### 5.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

##### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
1	Jyoti Sandoor	Spark Innovation, Kondawa, Pune	11/12/2024	11/12/2024 to 10/12/2029

##### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

#### 5.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)

##### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries
1	Mr. Jyoti Sandoor	Spark Innovation	11/12/2024	10/12/2029	Industry Expert Session on “Project Development”	60
2	Dr. P. U. Chavan	Do IT INFOSYSTEMS	14/07/2023	13/07/2028	One day workshop on Java full stack development	52

3	Prof. Rutuja More	AEROSYS, HVDC SOLUTION LLCUAQ(UAE)	29/11/2023	28/11/2028	-	-
4	Prof. Shilpa Kale	ECE INDIA ENERGIES PRIVATE LIMITED,	13/10/2023	12/10/2028	-	-
5	Dr. R. G. Zope	<i>AMB's C-DSP</i>	13/04/2024	12/04/2027	-	-
6	Prof. Shilpa J. Kale	<i>Technouniq</i> Bag Electronics	19/04/2024 01/11/2022	18/04/2029 31/10/2027	-	-
7	Prof. Shilpa J. Kale	iBase Electrooft LLP,	01/07/2021	30/06/2026	-	-
8	Prof. Shilpa J. kale	Palp Technologies	05/07/2021	04/07/2026	-	-

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries
1	Mr. Jyoti Sandoor	Spark Innovation	11/12/2024	10/12/2029	-	-
2	Dr. P. U. Chavan	Do IT INFOSYSTEMS	14/07/2023	13/07/2028	One day workshop on Digital Marketing	21
3	Prof. Rutuja More	AEROSYS, HVDC SOLUTION LLCUAQ(UAE)	29/11/2023	28/11/2028	-	-
4	Prof. Shilpa Kale	ECE INDIA ENERGIES PRIVATE LIMITED,	13/10/2023	12/10/2028	-	-
5	Dr. R. G. Zope	<i>AMB's C-DSP</i>	13/04/2024	12/04/2027	-	-
6	Prof. Shilpa J. Kale	<i>Technouniq</i> Bag Electronics	19/04/2024 01/11/2022	18/04/2029 31/10/2027	-	-

7	Prof. Shilpa J. Kale	iBase Electrooft LLP,	01/07/2021	30/06/2026	-	-
8	Prof. Shilpa J. kale	Palp Technologies	05/07/2021	04/07/2026	-	-

#### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

##### Term – First

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration
NIL				

##### Term – Second

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration
NIL				

#### 5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME

##### Term – First

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration
1	Dipak Kulwade	TE	Vodaphone Idea Foundation	10/10/2024 to 08/11/2024	4 week

##### Term – Second

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration
1	Mr. PARMALE PRATHAMESH RAJIV	TE	E Y Global Delivery Services	10/02/2025 to 21/03/2025	6 week
2	Mr. PATIL NIKHIL PRAKASH	TE	SAP	15/01/2025 to 05/04/2025	11 week
3	Mr. KAWALE DARSHAN VITTHAL	TE	SAP	15/01/2025 to 05/04/2025	11 week
4	Mr. PARVE SAGAR VISHAL	TE	SAP	15/01/2025 to 05/04/2025	11 week

5	Mr. BIDVE VISHVESHWAR SIDRAM	TE	SAP	15/01/2025 to 05/04/2025	11 week
6	Miss. MANGULKAR ANUSHKA ANIL	TE	SAP	15/01/2025 to 05/04/2025	11 week
7	Mr. KULAWADE DIPAK SANTOSH	TE	E Y Global Delivery Services	10/02/2025 to 21/03/2025	6 week
8	Mr. DARKUNDE VIRAJ SARJERAO	TE	Vodafone Idea Foundation (VOIS)	10/01/2025 to 05/02/2025	3 week
9	Miss. PALWE VAISHNAVI ASHOK	TE	SAP	15/01/2025 to 05/04/2025	11 week
10	Miss. ZINJURKE PAYAL VIJAY	TE	SAP	15/01/2025 to 05/04/2025	11 week
11	Mr. GANGAWANE ANIKET APPARAO	TE	E Y Global Delivery Services	10/02/2025 to 21/03/2025	6 week
12	Miss. LAGAD AARTI SHIVAJI	TE	SAP	15/01/2025 to 05/04/2025	11 week
13	Miss. PATIL GAURANGI RAJENDRA	TE	SAP	15/01/2025 to 05/04/2025	11 week
14	Miss. KUNDGULWAR SAKSHI VIVEKANAND	TE	SAP	15/01/2025 to 05/04/2025	11 week
15	Mr. ARUNKUMAR SHARANBASAPPA ALANGE	TE	SAP	15/01/2025 to 05/04/2025	11 week
16	Miss. TATE SHRAVANI PRAKASH	TE	SAP	15/01/2025 to 05/04/2025	11 week
17	Mr. SHINDE SANDIP ANNA	TE	E Y Global Delivery Services	10/02/2025 to 21/03/2025	6 week
18	Mr. RANJANE PRATMESH	TE	CODSOFT	07/12/2024 to 07/01/2025	4 week
19	Mr. SHAIKH ARSHAD MAINUDDIN	TE	Services And Developer Pvt Ltd	November 2024 to April 25	6 months
20	Miss. SHARMA ANJALI VINAY	TE	SAP	15/01/2025 to 05/04/2025	11 week
21	Mr. SHETE KAPIL VIJAY	TE	vodafone idea VOIS	10/10/2024 to 08/11/2024	4 week

22	Mr. RATHOD PRANAV VIVEK	TE	EMERTEX	06/01/2025 to 28/02/2025	8 week
23	Miss. PATHAK PAYAL SANJAY	TE	E Y Global Delivery Services	10/02/2025 to 21/03/2025	6 week
24	Mr. SAYEED IMRAN	TE	Codsoft	25/12/2024 to 25/01/2025	4 Week
25	Mr. GANGAWANE ANIKET	TE	Edunet foundation	10/02/2025 to 21/03/2025	6 week
26	Mr. DIPAK KULWADE	TE	Edunet foundation	10/02/2025 to 21/03/2025	6 week

## 5.7 ANY OTHER CONTRIBUTION OF INDUSTRY

### Term – First

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution
1	Dr. Pramod U. Chavan	Mr. Sanket Gharge and Team Do IT INFOSYSTEMS	Guest Lecture
2	Mrs. Jyoti Sandoor	Mr. Harsh Bhutada Spark Innovation	Guest Lecture
3	Prof. Shilpa J. kale	Rahul Kardile, Neosoft, Mumbai	Guest Lecture
4	Prof. Shilpa J. kale	Ms. Dnyaneshwari Aher, Data Administrator, Wipro Technologies, Pune.	Guest Lecture
5	Prof. Shilpa J. kale	Mr. Harsh Bhutada CEO, SparkVision, Pune	Guest Lecture
6	Prof. Shilpa J. kale	Mr. Bhushan Botre	Guest Lecture
7	Dr. Pramod U. Chavan	Mr. Nilesh Waragade CEO, NMNV, Pune	Industry Expert demo

### Term – Second

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution
1	Dr. Pramod U. Chavan	Mr. Aniket Gharge and Mr. Sahil Mulla	One day workshop
2	Prof. Shilpa J. Kale	Mr. Aniket Ingale, Ms. Snehal Dukare, Revine Technology, Pune	Handson Session
3	Prof. Shilpa J. Kale	Ms. Shrutika Tilekar, Data Analyst at Commissioner Office, Pune	Guest Lecture
4	Prof. Shilpa J. Kale	Mr. Tejas Chorge, Working as Head of the Departmentat Trimurty Stamping Pvt. Ltd, Satara	Guest Lecture

5	Prof. Shilpa J. Kale	Manisha Bhutita & Gauravi Sakate, Intelswift, Bangalore	Guest Lecture
6	Prof. Shilpa J. Kale	Prasad Kanade	Guest Lecture

**5.8 ADDITIONAL INITIATIVES TO FOSTER INDUSTRY COLLABORATION (IF ANY)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative
NIL			

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative
NIL			

- Few good photographs with caption related to different activities under Industry Institute Interaction on new page.



Session by Rahul Kardile on Programming language Dot Net on 16/10/2024



Session by Mr. Tejas Chorge on Manufacturing Process of Stator and Rotar on 19/03/2025



A session by Ms. Shrutika Tilekar on Data Analysis: Introduction to Power BI



A session by Mr. Prasad kanade on CDAC Admission Process and Preparation

6

ACHIEVEMENT  
OF  
STUDENTS

**6.1 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (INDIVIDUAL LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Miss Diya Chakor	AVISHKAR 2024	Selected for zonal level
2	Mr. Atharva Kadam		
3	Mr. Naved Shaikh		
4	Mustafa Bhagat	AVISHKAR 2024	Selected for zonal level
5	Parth Dhage		
6	Deepti Shah		

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Miss. Mayuri Randive	Circuit Simulation and Decoding Event in 9th national level technical symposium Gravity 2K25	Runner-up
2	Miss. Durga Bhosale		
3	Mr. Arshad Shaikh	National Level Techathon 2.0	Participated and presented
4	Miss. Anjali Sharma		
5	Miss. Payal Pathak		
6	Mr. Atharva kadam	National Level Project Competition 2025 organized by IETE Pune Center	1 <sup>st</sup> place winner and shortlisted for next phase
7	Mr. Naved Shaikh		
8	Miss. Divya Chakor		

**6.2 STUDENT ACHIEVEMENT IN OTHER ACTIVITIES (INDIVIDUAL LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.3 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (TEAM LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Dr. Pramod U. Chavan	AVISHKAR 2024	Selected for zonal level

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
1	Dr. R. G. Zope	“Circuit Simulation and Decoding” 9th National Level Technical symposium, GRAVITY 2k25	Runner up
2	Dr. R. G. Zope	“Circuit Simulation and Decoding” 9th National Level Technical symposium, GRAVITY 2k25	Runner up

**6.4 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (TEAM LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, AND SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.5 CERTIFICATE/ ONLINE COURSES COMPLETED BY STUDENTS (VALUE ADDED COURSES, MOOCS, SWAYAM, NPTEL ETC.)**

**Term First**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date- End Date
1	Dipak Kulwade	AICTE and VOIS for Tech program led virtual internship on Data Analytics using AI-LLMs implemented by connecting dreams foundation	Vodaphone Idea Foundation	14 weeks	10/10/2024 to 08/11/2024

**Term Second**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date- End Date
1	Gangawane Aniket	Building Modern Web Application with MERN Stack	Edunet foundation	6 Weeks	10/02/2025 to 21/03/2025
2	Dipak Kulwade	Building Modern Web Application with MERN Stack	Edunet foundation	6 Weeks	10/02/2025 to 21/03/2025

**6.6 STUDENT PLACEMENT**

Number of students Placed: 07

Lower Package Offered: 2.5 LPA

Higher package Offered: 6.5 LPA

Average Package Offered: 4.5 LPA

**Term First**

Sr. No.	Name of Organization	Number of Students Participated	Number of Students Placed
1	Hiremi	2	
2	ILMTech	12	
3	O2HDrive	10	
4	Ediglobe	2	1
5	Corizo (online) Sales	8	2
6	winsoft	5	
7	centelon	4	1
8	Promobi	3	
9	Equip9 Criteria	1	
10	O2H Online	1	
11	Suther land Online		
12	Accenture Criteria	7	
13	MDN Salesforce	4	
14	Mechlin (online) Criteria	3	
15	Eagle Byte Criteria	7	

16	P2D IT DEBUGGERS	4	2
17	Mngalam	8	
18	Rudder analyst (criteria)	12	
19	IndiaMart	1	1
20	Infosys	8	
21	Teclogos	5	
22	Proptimes	2	

### Term Second

Sr. No.	Name of Organization	Number of Students Participated	Number of Students Placed
1	Cocotechoes	13	
2	Kukson	5	
3	Polycab	2	
4	Vedantu (Sales)	2	
5	People Link	10	1
6	Sasken	8	
7	Infosys (Girls)	7	
8	Suresh Indu		
9	Amazon	5	
10	Kanini	4	
11	Rinex	4	1
12	Code Masters	4	1
13	Jaro	7	
14	RB Tech Services	6	
15	ProMobi Tech	11	
16	Codeyoung	9	
17	Marut Air System	7	
18	Techlogos		
19	Genesys lasers	6	

### 6.7 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS

(IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/CIVIL SERVICES/STATE GOVERNMENT EXAMINATIONS ETC.)

Sr. No.	Names of Student Qualified	Name of the Qualifying Exam	Registration Number/Roll Number for the Exam
NIL			

- Few good photographs with caption related to Student Achievement on new page.

7  
BEST  
PRACTICES  
AND  
SUMMARY

### 7.1 ANY OTHER SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT (NOT COVERED ABOVE)

Sr. No.	Details
1	Faculty orientation workshop on First Year Engineering 2024 pattern NEP 2020 compliant curriculum structure for subject Basic Electronics Engineering was conducted Under aegis of Board of Studies (E&TC), SPPU Pune.
2	The department organized FDP on Train the Trainer for existing faculty of the institute from 24/12/2024 to 31/12/2024
3	The IETE student forum of the department organized National Level Project Exhibition in association with Institute on 04/04/2025
5	Prof. S. J. Kale, Swapnali Dhumake, Prof. Sabiha Parveen is the winner of “Tug of War” in the sports activity “Maidan 2K24”

### 7.2 MISCELLANEOUS (NOTABLE INFRASTRUCTURE AND FACILITY UPGRADES)

Sr. No.	Details
1	Higher end 20 PCs are added in the department laboratories

### 7.3 FEEDBACK FROM STAKEHOLDERS

Sr. No.	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Students	-	-
2	Teachers	-	-
3	Parents	11	Parents expressed highly positive feedback, appreciating the department’s consistent communication, academic support, and focus on student development.
4	Alumni	27	Alumni expressed highly positive feedback, noting that the academic content effectively meets professional requirements and significantly contributes to the transfer of knowledge and skills essential for successful placements
5	Employers	-	-

### 7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT (DESCRIBE IN MAXIMUM 500 WORDS)

**Best Practice 1 :** Our department has established a in-house laboratory for the Embedded Systems, Sensors in Automation subject, showcasing our commitment to hands-on learning and innovation. These labs have been developed entirely within the department using optimized resources, reflecting our strong technical capability and self-reliant approach. Equipped with microcontroller kits, Raspberry Pi boards, ESP8266 boards, Arduino boards, sensors, communication modules, and testing instruments, the lab provides students with a practical environment to design, implement, and test real-time embedded applications. By enabling students to work on project-based learning, interdisciplinary experiments, and industry-relevant technologies, this in-house lab has become a hallmark of our best practices, significantly enhancing skill development and strengthening the overall academic ecosystem of the Electronics and Telecommunication department.

**Best Practice 2 :** Guardian Faculty Member of a group of student plays important role in monitoring of students, monitoring their attendance, result, conduct and behaviour. Objectives of GFM is to provide academic counselling; enlighten students on discipline, ethics and conduct on or off campus; encourage students to participate in college/campus activities; communicates with parents and provide emotional support to the student on individual basis. The department has well established guardian faculty member (GFM) scheme. In this scheme, around 20 students are allotted to each faculty. The faculty acts as local guardian and he will monitor their academics and overall progress and also motivate them and their parents. Records are verified and found satisfactory.

### 7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED

NIL

### 7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

#### Strength:

1	The department has good infrastructure and well-equipped laboratories with modern equipment.
2	The department has well-experienced faculty, with two members holding Ph.D. degrees and the remaining faculty currently pursuing their Ph.D. studies.
3	The department has developed in-house experimental kits for subjects such as <b>Sensors in Automation and Embedded system and Real Time operating System.</b>
4	The department has a vibrant student forum, <b>Electronics and Telecommunication Engineering Student Association (ETESA)</b> , IETE Student's Forum (ISF) which conducts well-designed technical programs such as <b>Gravity, Poster Presentation</b> , and other events.
5	Department organizes various activities every year, including <b>project competitions, guest lectures, and seminars</b> to enhance and update students' technical knowledge.
6	The department has signed <b>MoUs with reputed industries</b> to strengthen industry–institute collaboration.

#### Weaknesses:

1	There are currently no major funded research projects.
2	The department has limited journal publications
3	Industrial collaborations and relationships need further strengthening.

#### Opportunities:

1	Increasing demand in semiconductor and VLSI sector
2	Scope for skill based certification
3	Expansion of IOT and Embedded systems
4	Funding support for innovation and start ups

**Challenges:**

1	To upgrade laboratories in line with modern advancements and emerging technologies.
2	To enhance faculty skills to keep pace with rapid industry growth.
3	To strengthen the department's competitiveness with other premier institutions.
4	To improve student placements, particularly in core companies.

**7.7 FUTURE PLANS OF THE DEPARTMENT (FOR NEXT ACADEMIC YEAR)**

1	The department to start Ph. D. research centre under SPPU, Pune.
2	The department should improve sponsorship for final year student projects.

**7.8 EFFORTS BY THE DEPARTMENT AT INSTITUTE / DEPARTMENT LEVELS TO PROMOTE AND ASSURE QUALITY IN THE FOLLOWING AREAS**

Area	Efforts/ Initiative
Academics and overall profile of Department	Department reflects a strong commitment to quality education through well-defined processes supported by highly qualified and experienced faculty. The department ensures effective teaching-learning by providing state-of-the-art laboratory facilities in emerging domains such as Embedded System and Real Time Operating System and Internet of Things, enabling students to gain hands-on, industry-oriented skills. Regular assessment and constructive feedback help monitor student progress and drive continuous improvement, while the adoption of Outcome Based Education (OBE) ensures that every course and activity contributes to measurable learning outcomes and career readiness. Additionally, periodic academic audits strengthen accountability and help refine academic practices, collectively fostering excellence in both student performance and departmental growth.
Organization of different activities	The department have organized various competitions such as Avishkar, Smart India Hackathon, and various project exhibitions that enhance creativity, teamwork, and problem-solving abilities. To strengthen industry exposure and practical learning, the department facilitated internships and industrial visits, helping students bridge the gap between theory and real-world applications. For faculty development, FDPs/STTPs are conducted to keep them updated with the latest technological trends and pedagogical practices. Furthermore, various technical clubs within the department conducted various activities thereby contributing significantly to the overall academic excellence of the department.
Research and Innovation	Every year, the department conduct the Avishkar Project Competition at University level. In addition, the Smart India Hackathon and Project Exhibition are organized to promote innovation and student participation. Two faculty member published research papers in SCI/Scopus indexed journals. One faculty member have the copyright. Total 17 papers and published in various international conferences
Industry institute Interaction	The department has 8 active MOUs to strengthen the Industry Institute Interaction and conducted expert sessions and workshops under these MOUs. Alumni working in various industries conducted guest lectures for students

Student Achievements	Students are actively encouraged to participate in departmental club activities. Poster presentation competitions was organized to enhance communication skills, research aptitude, and creative problem solving. The department also facilitated internships across reputed industries to strengthen practical understanding and professional readiness, bridging the gap between academics and real-world applications. Furthermore, students are guided and motivated to publish their research work in conferences and journals, nurturing a strong research culture and instilling confidence in presenting and defending their ideas. Collectively, these initiatives ensure continuous growth, high-quality achievements, and holistic development of the students.
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#### ANNUAL SUMMARY SHEET

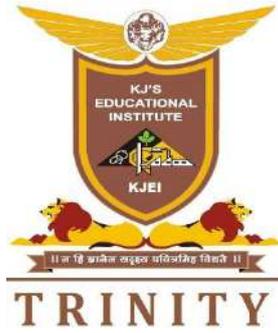
Sr. No.	Particular	Count
<b>PROFILE OF DEPARTMENT</b>		
1	Students in the department	213
<b>CONTRIBUTION BY FACULTY</b>		
2	E-learning materials develop by faculty and available online	17
3	Number of FDPS/MDPS/STTPS/FOPS/ Workshops (teaching and supporting staff) attended by Faculty	13
4	Number of Seminars/ webinars attended by the department faculty	5
5	Number of Conferences/ symposiums attended by the department faculty	5
6	Number of Online courses / certificate courses completed by department faculty	3
7	Number of Faculty served as resource person, expert, chairperson etc	4
<b>EVENTS AND ACTIVITIES FACILITATED</b>		
8	Number of FDP/MDP/STTP/FOP/Workshop organized by the department	3
9	Number of Seminars/ webinars organized by the department	14
10	Number of Conferences/ symposiums organized by the department	2
11	Number of MOU signed with academic and professional organizations (Excluding Industry)	-
12	Number of Extension activities conducted by the department (Social activities / any other activity)	1
13	Number of student chapter/ club	8
14	Social activities organized (Environment Conservation activities, Women empowerment activities, Awareness Programs etc)	-
<b>RESEARCH AND CONSULTANCY</b>		
15	Number of Patents	-
16	Number of copyright, trademark and other (IPR)	1

17	Number of Papers published/ presented in proceedings of conferences	17
18	Number of Papers published in journals	3
19	Number of Book publications	2
20	Number of Book Chapter publications	1
21	Total Research citations	269
22	Number of ME awarded	-
23	Number of PhD awarded	-
<b>INDUSTRY INSTITUTE INTERACTION</b>		
24	Number of Industry/Site visits organised	2
25	Number of Expert talks and webinars delivered by industry professionals	12
26	Number of Industry sponsored projects (UG/PG)	1
27	Number of MOU signed with industry	1
28	Number of Faculty members undergone industrial training	-
29	Number of Students undergone in-plant training and (or) internship programme	27
30	Number of students placed	7
<b>ACHIEVEMENTS OF STUDENTS</b>		
31	Number of student Achievements	14
32	Number of students qualified in the competitive examinations	-

  
**Head of Department**



  
**Principal**



**KJ's Educational Institute**

# **K J College of Engineering and Management Research**

## **Internal Quality Assurance Cell**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

#### **ANNUAL REPORT**

**(01 June 2024 to 31 May 2025)**

#### **Academic Year 2024 - 25**

- **TERM – FIRST: 01/07/2024 – 25/10/2024**
- **TERM – SECOND: 01/01/2025 – 26/04/2025**

#### **Guidelines:**

- Fill up this sheet for all the contributions /activities conducted at Department level only.
- Please add rows to the table below to suit your requirements
- Ensure that data does not differ from other official records and all the supporting documents are available.
- All the dates are in DD/MM/YYYY format.
- Use separate row for every details.
- For any queries, you may contact: Prof. Abhishek K. Taware, Coordinator,
- IQAC email: [igacordinator.kjcoemr@kjei.edu.in](mailto:igacordinator.kjcoemr@kjei.edu.in)

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2.8	Certificate/ online courses completed by department faculty	15
<b>3. EVENTS AND ACTIVITIES FACILITATED</b>		
3.1	FDP/MDP/STTP/FOP/Workshop organized by the department	18
3.2	Seminar/webinars organized by the department	18
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3.4.2	Total live and functional MOU of the department	20
3.5	Extension and outreach activities conducted by the department	20
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5.4.1	MOU signed in current academic year	37
5.4.2	Total live and functional MOU of the department	37
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# DEPARTMENT PROFILE

### 1.1 BASIC DEPARTMENTAL INFORMATION

Sr. No.	Particulars	Details
1	Year of Establishment	2009
2	Number of Faculty during A.Y.	09
6	Program(s) Offered (UG/PG/PhD )	UG & PG

### 1.2 INTAKE PER PROGRAM

Sr. No.	Particulars	Details
1	BE Mechanical Engineering	90
2	ME Mechanical Design Engineering	12
	<b>Total</b>	<b>102</b>

### 1.3 LABORATORIES IN THE DEPARTMENT

Name of Laboratory	
Basic Mechanical Engg / Metallurgy	Theory of Machines / Dynamics of Machinery
Drawing Hall	I.C. Engine / Refrigeration & Air Conditioning / Applied Thermodynamics
Fluid Mechanics / Turbo Machinery	Steam Power Plant
Industrial Fluid Power / Heat Transfer	Workshop
Mechatronics / Metrology & Quality Control	

### 1.4 DEPARTMENTAL LIBRARY:

Course	Title	Volume
UG	79	109
PG	07	33

### 1.5 SOFTWARE AVAILABLE IN THE DEPARTMENT

Software Available	
Solid Works	

### 1.6 DETAILS OF FACULTY IN THE DEPARTMENT

i) Number of male Faculty: 08

ii) Number of female Faculty: 01

iii) Number of PhD Faculty: 01

iv) Number of PhD Registered Faculty: 05

Sr. No.	Name of Faculty	Qualification	Designation	Vidwan Id	Member of Any Professional Body with - Membership No.
1	Dr. Vyasraj Jayateerth Kakhandki	Ph.D	Professor		
2	Prof. Gayatri Surendra Patil	M.E.	Assistant Professor	427725	ISTE- LM118905
3	Prof. Rajusinh Devidas Rathod	M.E.	Assistant Professor	427786	ISTE- LM118902
4	Prof. Sagar Suresh Dol	M.E.	Assistant Professor	427726	ISTE- LM118907
5	Prof. Vivek Sahebrao Shinde	M.E.	Assistant Professor		
6	Prof. Siddharth Indradeo Suman	M.E.	Assistant Professor	427756	ISTE- LM124020
7	Prof. Gopal Bharat Patil	M.E	Assistant Professor	427750	
8	Prof. Shivaji Tukaram Dudhbhate	M.E	Assistant Professor	427799	
9	Prof. Samir Govindrao Potdar	M.E	Assistant Professor	427156	

### 1.7 DETAILS OF SUPPORTING STAFF IN THE DEPARTMENT

i) Number of male supporting staff: 04

ii) Number of female supporting staff: NIL

Sr. No.	Name of Supporting Staff	Qualification	Designation
1	Mr. Akshay D. Renushe	Diploma(Mech.)	Lab.Asst
2	Mr. Amol Shivaji Dere	I.T.I.(H.S.C.)	Workshop.Ins.
3	Mr. Vishal Amar Saste	I.T.I.(H.S.C.)	Turner
4	Mr. Tanaji Jagannath pawar	H.S.C.	Welder

### 1.8 STUDENT ENROLMENTS

Program	SC		ST		OBC		GEN		OTHERS		Total	
	M	F	M	F	M	F	M	F	M	F	M	F
Mechanical UG (FE)	02				16	02	16	03	14	01	48	06
Mechanical UG (SE)	01						01		1		03	
Mechanical UG (TE)	01				01		07				09	
Mechanical UG (BE)					03		04				07	
Mechanical PG (Design)												

### 1.9 DIVYANGJAN STUDENT ENROLMENTS

Program	Divyangjan	
	M	F
Mechanical UG (FE)		
Mechanical UG (SE)		
Mechanical UG (TE)		
Mechanical UG (BE)		
Mechanical PG (Design)		

### 1.10 STUDENT'S - FACULTY FEEDBACK DETAILS

#### Term – First

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Prof. Gayatri Surendra Patil	SE	Engineering Materials and Metallurgy	93	100	96.5
		BE	Additive Manufacturing ((Elective-IV)	99	100	99.5
2	Prof. Rajusinh Devidas Rathod	TE	Advanced Forming & Joining Processes (Elective-II)	100	100	100
		BE	Industrial Engineering (Elective-III)	97	100	98.5
3	Prof. Sagar Suresh Dol	TE	Numerical & Statistical Methods	95	100	97.5
		BE	Dynamics of Machinery	99	100	99.5

4	Prof. Gopal Bharat Patil	SE	Solid Mechanics	82	100	91
		TE	Design of Machine Elements	100	100	100
		FE-C	Engineering Graphics	90	97	93.5
5	Prof. Shivaji Tukaram Dudhbhate	SE	Solid Modeling and Drafting	96	100	98
		TE	Mechatronics	100	100	100
		FE-A	Engineering Graphics	89	95	92
6	Prof. Samir Govindrao Potdar	TE	Heat & Mass Transfer	100	100	100
		BE	Heating Ventilation Air-Conditioning and Refrigeration	97	100	98.5
		FE-B	Engineering Graphics	92	88	90
7	Prof. Siddharth Indradeo Suman	TE	Engineering Thermodynamics	88	100	94
		BE	Turbomachinery	97	100	98.5

**Term – Second**

Sr. No.	Name of Faculty	Class and Div	Subject/Practical	Feedback 1 (%)	Feedback 2 (%)	Average Feedback
1	Prof. Gayatri Surendra Patil	SE	Manufacturing Processes	96	100	98
		BE	Computer Integrated Manufacturing	100	100	100
2	Prof. Rajusinh Devidas Rathod	BE	Energy Audit and Management (Elective- V)	100	100	100
3	Prof. Sagar Suresh Dol	SE	Kinematics of Machinery	99	100	99.5
		TE	Design of Transmission Systems	100	99	99.5
4	Prof. Gopal Bharat Patil	FE-F	Engineering Graphics	90	92	91
		FE-H	Engineering Graphics	98	93	95.5
5	Prof. Shivaji Tukaram Dudhbhate	TE	Computer Aided Engineering	99	100	99.5
		BE	Electrical and Hybrid	100	100	100

			Vehicle(Elective-VI)			
6	Prof. Samir Govindrao Potdar	SE	Fluid Mechanics	97	100	98.5
		BE	Energy Engineering	100	100	100
7	Prof. Siddharth Indradeo Suman	SE	Applied Thermodynamics	100	100	100
		TE	Composite Materials (Elective-II)	100	99	99.5

### 1.11 RESULT ANALYSIS OF ALL CLASSES (FE TO PG)

#### Term – First

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	53	16		05	08	03				16	37
2	SE	03										03
3	TE	05	01			01					01	04
4	BE	04	01			01					01	03
5	PG 1											
6	PG 2											

#### Term – Second

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	53	15		03	05	07			02	15	36
2	SE	03								02		01
3	TE	05	01			01					01	03
4	BE	07	04		01	03				03	04	
5	PG 1											
6	PG 2											

### Two Term Final Result

Sr. No.	Class	Number of students									Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9.1 -10)	Excellent (A+) (8.1- 9)	Very Good (A) (7.1-8)	Good (B+) (6.1 - 7)	Above Average (B) (5.1- 6)	Average/ Pass class (4-5)	Fail (0-3.99)	All Clear	With ATKT
1	FE	53	15		03	05	07			02	15	36
2	SE	03										01
3	TE	05	01			01					01	03
4	BE	07	04		01	03					04	
5	PG 1											
6	PG 2											

#### 1.12 NAME OF THE TOPPER

Sr. No.	Class	Name of the student	Score
1	FE	BUCHALE VAIBHAV ANANT	8.86
2	SE		
3	TE	DANGE ZUMAIR ZAHID	7.34
4	BE	DERE PRASHANT KALURAM	8.30
5	PG1		
6	PG2		

#### 1.13 UNIVERSITY RANKERS

Sr. No.	Class	Name of the student	Rank
1	FE		
2	SE		
3	TE		
4	BE		
5	PG1		
6	PG2		

- Few photographs with caption of Labs, final year class group photos, faculty and staff group photos, photo of special facility available in the department, news published in the print media, any significant achievement of department on new page.

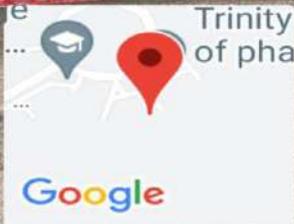
- Steam Power Plant



# DEPARTMENT OF MECHANICAL ENGINEERING

# **STEAM POWER PLANT**

GPS Map Camera



Pune, Maharashtra, India  
K J College of Engineering and Management Research  
Lat 18.420846°  
Long 73.907184°  
06/10/22 12:05 PM



- Turbo Machinery Lab



- IC Engine Lab



2

CONTRIBUTION

BY

FACULTY

## 2.1 ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)

### Term - First

Sr. No.	Name of Faculty	Awards and Recognition
NIL		

### Term - Second

Sr. No.	Name of Faculty	Awards and Recognition
NIL		

## 2.2 FACULTY CONTRIBUTION ACROSS VARIOUS PLATFORMS

Participation and recognition across various platforms such as University-level bodies, State and National forums, International engagements, corporate collaborations, and Social or Community initiatives. (Syllabus setting, paper setting, MoU etc.)

### Term - First

Sr. No.	Name of Faculty	Details of contribution
NIL		

### Term - Second

Sr. No.	Name of Faculty	Details of contribution
1	Prof. G. S. Patil	Paper Setter - Research Methodology (ME - Design Engg.) (2017 Pattern)

## 2.3 FACULTY ENGAGEMENTS AS RESOURCE PERSONS, EXPERTS, AND SESSION CHAIRS

### Term - First

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
NIL				

### Term - Second

Sr. No.	Name of Faculty	Activity Name and Details	Organized By	Date
NIL				

## 2.4 FACULTY-CONTRIBUTED E-LEARNING MATERIALS AND AVAILABLE ONLINE

### Term - First

Sr. No.	Name of Faculty	Title of E-Learning Content	Content Platform	Link
NIL				

### Term - Second

Sr. No.	Name of Faculty	Title of E-Learning Content	Content Platform	Link
NIL				

## 2.5 FACULTY PARTICIPATION IN FDPs/MDPs/STTPs/FOPs/ WORKSHOPS (TEACHING AND SUPPORTING STAFF)

### Term - First

Sr. No.	Name of Faculty	Name of FDPs/MDPs/STTPs/FOPs/ Workshops Name	Organized By	Duration in Days	Start Date-End Date
1	Prof. G. S. Patil	5 Day Faculty Development Program on the Future of Mechanical Engineering: AI & its Transformative Impact	Techno India University, West Bengal	05	17/09/2024-21/09/2024
2	Prof. G. S. Patil	Basics of Mechanical Engineering	NPTEL	12 Weeks	Jul-Oct 2024
3	Prof. Gopal. B. Patil	Sustainable Energy Technology	NPTEL	12 Weeks	Jul-Oct 2024
4	Prof. S. T. Dudhbhate	Engineering Metrology	NPTEL	12 Weeks	Jul-Oct 2024
5	Prof. S. T. Dudhbhate	Next Generation Engineering Practices	MMCOE	05	27/0/2025 to 31/01/2025
6	Prof. S. T. Dudhbhate	Smart Manufacturing: The Confluence of Automation and Intelligence	DY Patil International University	05	16/12/2024 to 20/12/2024
7	Prof. Siddharth Suman	"Smart Manufacturing: The Confluence of Automation and Intelligence"	DY Patil International University	05	16/12/2024 to 20/12/2024
8	Prof. Siddharth Suman	Sustainability and Sustainable Development Goals	Sandip Institute of Engineering and	05	13/05/2024 to 17/05/2024.

			Management, Sandip Foundation		
9	Prof. S. T. Dudhbhate	“Engineering Graphics-2024 Course”	Sinhgad College of Engineering, Vadgaon,	01	10/07/ 2024.
10	Prof. Gopal. B. Patil	“Engineering Graphics-2024 Course”	Sinhgad College of Engineering, Vadgaon,	01	10/07/ 2024.
11	Prof. Samir G. Potdar	“Engineering Graphics-2024 Course”	Sinhgad College of Engineering, Vadgaon,	01	10/07/ 2024.
12	Prof. Siddharth Suman	“Engineering Graphics-2024 Course”	Sinhgad College of Engineering, Vadgaon,	01	10/07/ 2024.

**Term - Second**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of FDPs/MDPs/STTPs/FOPs/ Workshops</b>	<b>Organized By</b>	<b>Duration in Days</b>	<b>Start Date-End Date</b>
1	Prof. S. T. Dudhbhate	Advanced Manufacturing Technologies	Sandeep Institute of Engineering and Management, Nashik	05	13/05/2025 to 17/05/2025
2	Prof. G. S. Patil	Advanced Manufacturing Technologies	Sandeep Institute of Engineering and Management, Nashik	05	13/05/2025 to 17/05/2025
3	Prof. Gopal. B. Patil	Advanced Manufacturing Technologies	Sandeep Institute of Engineering and Management, Nashik	05	13/05/2025 to 17/05/2025
4	Prof. Sagar S. Dol	Advanced Manufacturing Technologies	Sandeep Institute of Engineering and Management, Nashik	05	13/05/2025 to 17/05/2025
5	Prof. Samir G. Potdar	Advanced Manufacturing Technologies	Sandeep Institute of Engineering and Management, Nashik	05	13/05/2025 to 17/05/2025
6	Prof. S. T. Dudhbhate	Recent Trends in EV & Renewable Energy Sources	KJCOEMR	05	21/04/2025 to 25/04/2025

## 2.6 FACULTY PARTICIPATION IN SEMINAR/WEBINARS

### Term - First

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date- End Date
NIL					

### Term - Second

Sr. No.	Name of Faculty	Name of the Seminar/Webinar	Organized By	Duration in Days	Start Date- End Date
NIL					

## 2.7 FACULTY PARTICIPATION IN CONFERENCES/ SYMPOSIUMS

### Term - First

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date- End Date
1	Prof. S. Suman	International Conference on "Recent advances in Mechanical Engineering for sustainable Development (ISME) - 2024	Delhi Technological University, Delhi	03	11 to 13 July, 2024

### Term - Second

Sr. No.	Name of Faculty	Name of the Conferences/ Symposiums	Organized By	Duration in Days	Start Date- End Date
1	Prof. S. Suman	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.
2	Prof. S. S. Dol	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.
3	Prof. G. S. Patil	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.

4	Prof. S. T. Dudhbhate	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.
5	Prof. S. Suman	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.
6	Prof. S. Suman	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.
7	Prof. S. G. Potdar	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	KJCOEMR	02	12th and 13th June 2025.

## 2.8 CERTIFICATE/ ONLINE COURSES COMPLETED BY DEPARTMENT FACULTY (MOOCs, SWAYAM, NPTEL ETC.)

### Term - First

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date-End Date
1	Mr. Gopal Bharat Patil	Sustainable Energy Technology	NPTEL -AICTE	12 Weeks	Jul-Oct 2024
2	Ms. Gayatri Surendra Patil	Basics of Mechanical Engineering	NPTEL -AICTE	12 Weeks	Jul-Oct 2024
3	Mr. Shivaji Tukaram Dudhabhate	Engineering Metrology	NPTEL -AICTE	12 Weeks	Jul-Oct 2024

### Term - Second

Sr. No.	Name of Faculty	Name of the Course	Conducted By	Duration in Week	Start Date- End Date
NIL					

- Few photographs with caption of related to faculty contribution (felicitation of faculty, photos of award function etc.) on new page.

- Teaching for Learning-Social & Emotional Development [28-29 March 25]



**Pune, Maharashtra, India**

Trinity College Rd, Maharashtra 411048, India, Pune,  
 Maharashtra 411048, India  
 Lat 18.420608° Long 73.906722°  
 29/03/2025 04:28 PM GMT +05:30



**Pune, Maharashtra, India**

Trinity College Rd, Maharashtra 411048, India, Pune,  
 Maharashtra 411048, India  
 Lat 18.420611° Long 73.90674°  
 29/03/2025 04:28 PM GMT +05:30

3

EVENTS

AND

ACTIVITIES

FACILITATED

**3.1 FDP/MDP/STTP/FOP/WORKSHOP ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)
1.	Prof. S. T. Dudhbhate, Prof. S. S. Dol	FDP on Recent Trends in Industrial Automation	5	09/09/2024 to 13/09/2024	41	KJCOEMR

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of FDPs/MDPs/STTPs/FOP/ Workshops with the Name of Organisation Approved like ISTE	Duration in Days	Start Date-End Date	No. of Participants	Sponsored/ Funding Agency (If any) and Amount (Rs.)
1.	Prof. S. S. Dol, Prof. S. T. Dudhbhate	FDP on Applications of Python in Mechanical Engineering	5	24/03/2025 to 28/03/2025	45	KJCOEMR

**3.2 SEMINAR/WEBINARS ORGANIZED BY THE DEPARTMENT (INCLUDING PROGRAMS CONDUCTED ON RESEARCH METHODOLOGY, INTELLECTUAL PROPERTY RIGHTS (IPR) AND ENTREPRENEURSHIP)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
NIL						

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Seminar/Webinar	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
NIL						

### 3.3 CONFERENCES/ SYMPOSIUMS ORGANIZED BY THE DEPARTMENT

#### Term - First

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
NIL						

#### Term - Second

Sr. No.	Name of Faculty Coordinator/s	Name of conferences/ symposiums	Duration	Start Date-End Date	No. of Participants	Funding Agency (If any) and Amount (Rs.)
NIL						

### 3.4 COLLABORATION WITH ACADEMIC AND PROFESSIONAL BODIES/ORGANIZATION (EXCLUDING INDUSTRY)

#### 3.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

#### Term - First

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

#### Term - Second

Sr. No.	Name of Faculty Coordinator	Name of Organisation with Contact Details	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

**3.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)**

**Term - First**

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under MOU	Number of Beneficiaries
1	Prof. S. S. Dol	IINDT	02/01/2023	01/01/2028	Industrial Visit, One Day Workshop	17
2	Prof. G. S. Patil	CAD/CAM Guru	05/07/2021	04/07/2026	Placement	03

**Term - Second**

Sr. No.	Name of Faculty Coordinator	Name of Organisation	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under MOU	Number of Beneficiaries
1	Prof. S. T. Dudhbhate	Jagdamba Engineering, Mantarwadi, Uruli Devachi, Pune	22/12/2023	21/12/2028	Internship	01
2	Prof. S. T. Dudhbhate	Dacruz Gears India Pvt. Ltd., Warje, Pune	05/04/2022	05/04/2027	Industrial Visit/ Internship	21

**3.5 EXTENSION AND OUTREACH ACTIVITIES CONDUCTED BY THE DEPARTMENT (SOCIAL ACTIVITIES / ANY OTHER ACTIVITY)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries
NIL				

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Collaborating Agency with Activity Details	Date	Number of Beneficiaries
NIL				

**3.6 SOCIAL ACTIVITIES ORGANISED BY THE DEPARTMENT (ENVIRONMENT CONSERVATION ACTIVITIES, WOMEN EMPOWERMENT ACTIVITIES, AWARENESS PROGRAMS ETC)**

**Term - First**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
NIL				

**Term - Second**

Sr. No.	Name of Faculty Coordinator/s	Name of Social Activity	Date	Number of Students Participated
NIL				

**3.7 STUDENT CHAPTERS /CLUBS**

Sr. No.	Name of Student Chapter	Number of Student Members
1.	Indian Society for Technical Education (ISTE)	53
2.	Mechanical Engineering Student Association (MESA)	72

**3.7.1 EVENTS ORGANISED BY STUDENT CHAPTERS / CLUBS AND OTHERS**

**Term - First**

**Name of Student Chapters:** Indian Society for Technical Education (ISTE)

**Name of faculty Adviser:** Prof. S. I. Suman

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries
1.	Industrial Visit	Dcruz Gears India Pvt. Ltd.	01 day	16/10/2024	60

**Term - Second**

Sr. No.	Event name and Details of event	Name of Chief Guest, Judges, and Special Invitees	Duration	Date	Number of Beneficiaries
1.	Guest Lecture on Enhancing Cognitive Potential Strategies for Intellectual Growth	Prof. Vishwanath Nanivadekar	01 day	24/04/2025	09

### 3.8 PARENT MEETING

Name of Faculty Coordinator/s	Date	Details of Parent meetings	Number of Parents Attended
Prof. G. B. Patil	14/09/2024	Parents Meet 2024	09

### 3.9 ALUMNI MEET

Name of Faculty Coordinator/s	Date	Details of Alumni Meet	Number of Alumni Attended
Prof. G. B. Patil	25/02/2025	Alumni Meet 2k25	58

### 3.10 ALUMNI SUPPORT (DONATION OF MONEY, BOOKS, EQUIPMENT ETC)

#### Term - First

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support
NIL					

#### Term - Second

Sr. No.	Date	Name of Alumni	Position and Organisation	Batch (e.g. 2022-23)	Details of Support
NIL					

### 3.11 ACTIVITIES WITH ALUMNI

#### Term - First

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries
1.	Mr. Aaron Dacruz	Prof. S. S. Dol	Industrial Visit at Dacruz Gears India Pvt. Ltd.	16/10/2024	62

**Term - Second**

Sr. No.	Name of Alumni	Name of Activity coordinator	Details of Activity conducted	Date and Duration	Total Number of Beneficiaries
1	Mr. Prathamesh Salve	Prof. S. G. Potdar	Expert lecture on Advanced Manufacturing Technology	18/03/2025	15
2	Mr. Saurabh Saraf	Prof. S. Suman	Expert Lecture on Career Enhancement	15/04/2025	15

**3.12 ADD ON /CERTIFICATE/VALUE ADDED PROGRAMS ORGANISED BY DEPARTMENT (MINIMUM 30 HOURS DURATION)**

**Term - First**

Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries
1.	Prof. S. T. Dudhbhate	Recent Trends in Industrial Automation	5	09/09/2024 to 13/09/2024	13

**Term - Second**

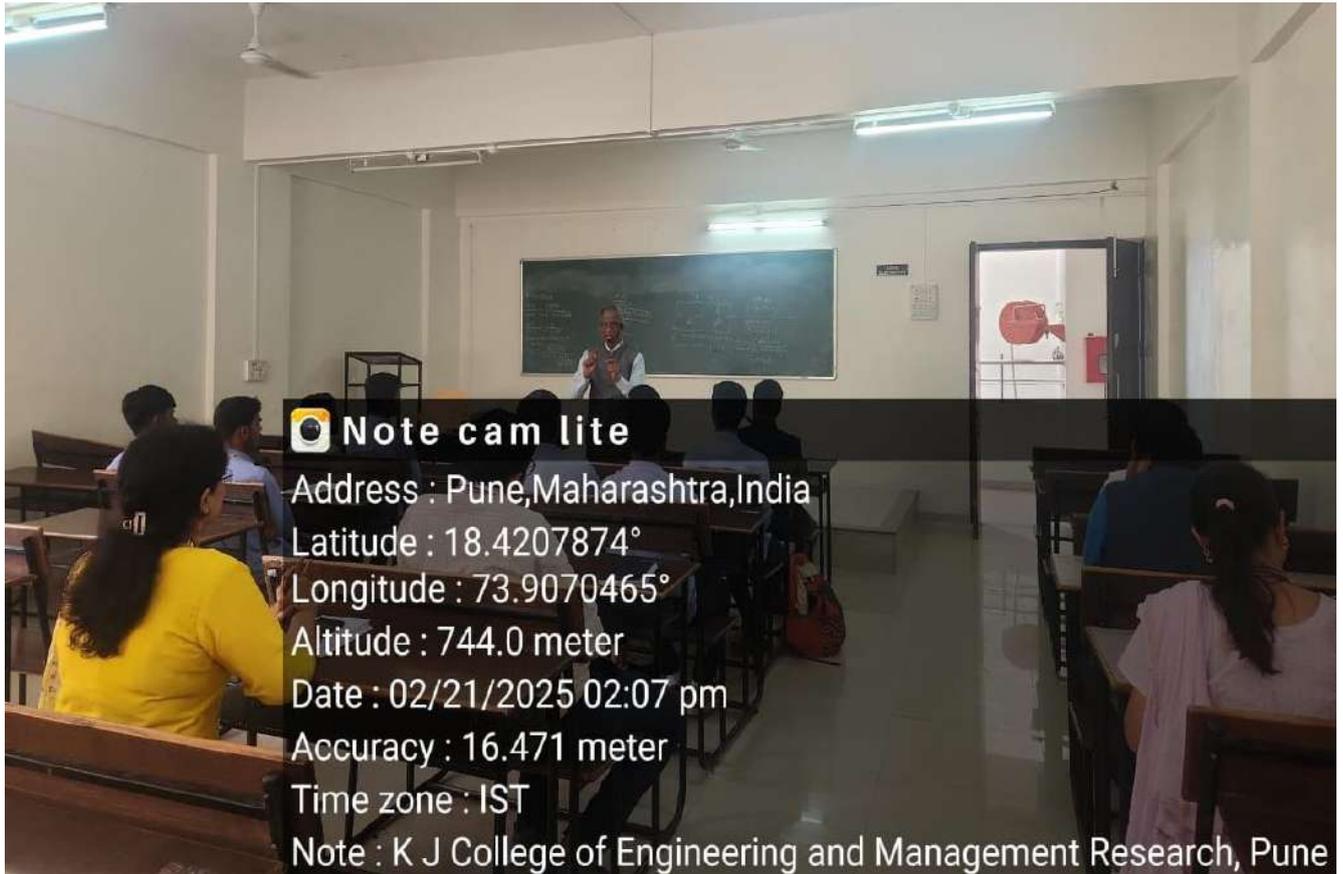
Sr. No.	Faculty Coordinator	Name of Add On /Certificate/Value Added Programs	Duration in Days	Start Date – End Date	Total Number of Beneficiaries
1.	Prof. S. S. Dol	Applications of Python in Mechanical Engineering	5	24/03/2025 to 28/03/2025	13

**3.13 GUIDANCE FOR COMPETITIVE EXAMINATIONS/CAREER COUNSELING AT THE DEPARTMENT LEVEL**

Faculty coordinator	Competitive Examinations/Career Counseling Activity Details	Total Number of Beneficiaries
1.	Career counselling Session on Career in Engineering	16
2.	Career Counselling	16
3.	Expert Lecture on Career Enhancement	16

- Few good photographs with caption related to different activities organized on new page

- Career Counselling Session by Dr. Hemant Deshmukh, Dean-Student Development and Welfare



- Career Counselling Session by Prof. Rajusing Rathod, Training & Placement Officer



- Industry Visit to Dcruz Gears India Pvt. Ltd. Pune



- Industry Visit to Craft and Technik Industries, Pune



- Industry Visit to Parvati Pumping Station, Pune



- Industry Visit to PELF Infotech, Kothrud



- to International Institute of Non-Destructive Testing, Katraj



- Industry Visit to Pawana Hydro Electric Power Plant



- Alumni Meet 2k25



 **KJCOEMR TRINITY**

**KJ College of Engineering and Management  
Research, Pune**



***Alumni Meet 2k25***  
**RECONNECT | REMINISCE | RELIVE**  
*"Our Alumni, Our Pride"*

**Chief Guest**

**Mr. Deenesh Patil**  
Deputy Manager, Raychem RPG

**Guest of Honor**

**Mr. Dnyaneshwar Kale**      **Mr. Sanket Gharge**  
Sales Tax Inspector,      Senior Software Developer  
Government of Maharashtra

**Saturday** | **15<sup>th</sup>** | **At 3:30 Pm**  
February 2025

**Alumni Association, KJCOEMR**

4

RESEARCH  
AND  
CONSULTANCY

#### 4.1 INTELLECTUAL PROPERTY ASSETS

##### 4.1.1 PATENTS

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published
NIL					

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Patent	Patent Number and Date	Type (National/ International/ Utility)	Filed/ Granted/ Published
NIL					

##### 4.1.2 COPYRIGHT, TRADEMARK AND OTHER (IPR)

###### Term – First

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)
NIL				

###### Term – Second

Sr. No.	Name of Applicant Faculty	Title of the Copyright/Trademark/ Other (IPR)	Application Number and Date	Type (National/ International/ Utility)
NIL				

#### 4.2 PUBLICATIONS

##### 4.2.1 PAPERS PUBLISHED/ PRESENTED IN PROCEEDINGS OF CONFERENCES

###### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Title of the Proceeding	Name of the conference and Organized by with Dates	National / International	ISBN Number of the Proceeding
NIL						

**Term – Second**

<b>Sr. No.</b>	<b>Name of Author/s</b>	<b>Title of the Paper</b>	<b>Title of the Proceeding</b>	<b>Name of the conference and Organized by with Dates</b>	<b>National / International</b>	<b>ISBN Number of the Proceeding</b>
1	Prof. G. S. Patil	Fourth Generation Food Dryers using SOLar Auxiliary System: A Comprehensive Review	Fourth Generation Food Dryers using SOLar Auxiliary System: A Comprehensive Review	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International	ISBN: 978-93-343-2006-0
2	Prof. S. Suman	Application of Heat Removal In automobiles Using $\text{Al}_2\text{O}_3$ Nano Particles	Application of Heat Removal In automobiles Using $\text{Al}_2\text{O}_3$ Nano Particles	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International	ISBN: 978-93-343-2006-0
3	Prof. S. Suman	Applications of 3D Printing $\bar{\text{A}}$ in the Automobile Industry	Applications of 3D Printing in the Automobile Industry	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International	ISBN: 978-93-343-2006-0
4	Prof. S. Suman	Evaluation of limited slip differential in axle of tractor	Evaluation of limited slip differential in axle of tractor	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International	ISBN: 978-93-343-2006-0
5	Prof. S. T. Dudhbhate	Experimental Investigations on a Light Weight Material for Vehicle Frontal Bumper	Experimental Investigations on a Light Weight Material for Vehicle Frontal Bumper	3rd International Conference on Innovative Trends in Engineering and Technology (ICITET-2025)	International	ISBN: 978-93-343-2006-0

#### 4.2.2 PAPERS PUBLISHED IN JOURNALS

##### Term – First

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, , ISSN Number, Impact Factor etc.	Indexing
1	Prof. G. S. Patil	Refractance Window Dryer (RWD) for Food Products Using Solar Powered System: A Review	Journal of Harbin Engineering University	ISSN: 1006-7043	

##### Term – Second

Sr. No.	Name of Author/s	Title of the Paper	Name of Journal	Publication Details Like Month and Year, Volume(Issue), Page Numbers, Impact ISSN Number, Factor etc.	Indexing
1	Prof. S. Suman	Numerical Investigation, modeling and Vibrational Dynamics of an Unbalanced rigid rotor with two offset discslevitated by air foilbearings	Materials Research Forum LLC., Millersville PA, USA	ISSN: 2474-3941	
2	Prof. G. S. Patil	Performance evaluation of a lightweight acrylic flat plate collector with natural flow integration in a hybrid photovoltaic-thermal (PVT) system	Case Study in Thermal Engineering	ISBN-13: 978-3639652444	

#### 4.2.3 BOOK PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book	Publication Details Like Month and Year and Other (if any)	ISBN Number
NIL				

#### 4.2.4 BOOK CHAPTER PUBLICATIONS

Sr. No.	Name of Author/s	Title of the Book Chapter	Publication Details Like Month and Year and Other (if any)	ISBN Number
NIL				

#### 4.2.5 RESEARCH CITATIONS (SOURCE: WS/SCOPUS/GOOGLE SCHOLAR - AS ON 31<sup>TH</sup> MAY)

Total Citations of Department:

Sr. No.	Name of Faculty	Citations	h-index	i10 index
1	Prof. G. S. Patil	13	2	0
2	Prof. S. S. Dol			
3	Prof. R. D. Rathod			
4	Prof. G. B. Patil			
5	Prof. S. T. Dudhbhate			
6	Prof. S. G. Potdar			
7	Prof. S. Suman			

#### 4.3 EXTERNAL FINANCIAL SUPPORT

##### 4.3.1 GRANT-SUPPORTED/ SPONSORED RESEARCH PROJECT

Sr. No.	Name of the research project	Name of the Principal Investigator/Co-investigator	Duration of the Project	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
NIL						

##### 4.3.2 GRANTS/FINANCIAL SUPPORT FOR OTHER ACTIVITIES

Sr. No.	Faculty Coordinator	Name of the Activity	Duration of the Activity	Name of the Funding Agency with Type (Government/non-Government)	Amount Sanctioned	Amount Received
NIL						

#### 4.4 CONSULTANCY AND TESTING

Sr. No.	Faculty Coordinator	Details of Consultancy and Testing Conducted	Revenue Generated (Rs.)
NIL			

#### 4.5 POSTGRADUATE AND DOCTORAL DEGREES AWARDED

##### 4.5.1 MASTER OF ENGINEERING DEGREE AWARDED (FOR DEPARTMENTS HAVING POST GRADUATION COURSE)

Sr. No.	Name of Supervisor	Title of Dissertation	Name of Candidate
1	Prof. G. S. Patil	An Autonomous Agribot System for Precision Agriculture: Detecting Diseases and Objects in Vegetable Crops	Mr. Omkar Sunil Ghodake

##### 4.5.2 PhD AWARDED (FOR DEPARTMENTS HAVING PH.D RESEARCH CENTRE)

###### 4.5.2.1 PhD GUIDE DETAILS

Sr. No.	Faculty Name (Ph.D. Supervisor)	Number of Scholars Registered
NIL		

###### 4.5.2.2 DOCTOR OF PHILOSOPHY (PH.D.) DEGREES AWARDED

Sr. No.	Name of Supervisor	Title of Thesis	Name of Candidate
NIL			

- Few good photographs with caption related to different activities under Research, Innovation and IPR on new page.

5

INDUSTRY  
INSTITUTE  
INTERACTION

**5.1 VISITS TO INDUSTRIES/SITES ORGANIZED****Term – First**

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
1	Prof. S. Suman	SE	10 Students + 2 Staff	Katraj Dairy	20/09/2024
2	Prof. S. Suman	BE	08 Students + 1 Staff	Pawana Hydraulic Power Plant	27/09/2024
3	Prof. S. S. Dol	SE	07 Students + 1 Staff	International Institute of Non-Destructive Testing (IINDT, Pune) NDT Training Center, Swargate	01/10/2024
4	Prof. S. Suman	TE	07 Students + 1 Staff	PELF Infotech, Kothrud	01/10/2024
5	Prof. S. Suman	SE	08 Students + 1 Staff	Parvati Pumping Station	09/10/2024

**Term – Second**

Sr. No.	Name of Faculty Coordinator/s	Class	Number of Students Attended	Industry Name and Address	Date of Visit
NIL					

**5.2 EXPERT TALKS AND WEBINARS DELIVERED BY INDUSTRY PROFESSIONALS****Term – First**

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
NIL						

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Class	Number of Students Benefited	Details of Expert ( Name, Industry, Designation and Contact )	Topic	Date of Visit
1	Prof. S. G. Potdar	SE, TE & BE	15	Mr. Prathamesh Salve	Expert lecture on Advanced Manufacturing Technology	18/03/2025

2	Prof. S. Suman	SE, TE & BE	15	Mr. Saurabh Saraf	Expert Lecture on Career Enhancement	15/04/2025
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### 5.3 INDUSTRY SPONSORED PROJECTS (UG/PG)

Sr. No.	Name of Project Guide	Title of Project	Name of Sponsoring Industry	Details of Sponsorship
NIL				

### 5.4 COLLABORATION WITH INDUSTRY

#### 5.4.1 MOU SIGNED IN CURRENT ACADEMIC YEAR

##### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

##### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)
NIL				

#### 5.4.2 TOTAL LIVE AND FUNCTIONAL MOU OF THE DEPARTMENT (INCLUDING MOU SIGNED IN THE CURRENT ACADEMIC YEAR)

##### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries
1	Prof. S. S. Dol	IINDT	02/01/2023	01/01/2028	Industrial Visit, One Day Workshop	17
2	Prof. G. S. Patil	CAD/CAM Guru	05/07/2021	04/07/2026	Placement	03

##### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Industry	Date of MoU Signed	Validity End Date (DD/MM/YYYY)	Actual Activities under each MOU	Number of Beneficiaries
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1	Prof. S. T. Dudhbhate	Jagdamba Engineering, Mantarwadi, Uruli Devachi, Pune	22/12/2023	21/12/2028	Internship	01
2	Prof. S. T. Dudhbhate	Dacruz Gears India Pvt. Ltd., Warje, Pune	05/04/2022	05/04/2027	Industrial Visit/ Internship	21

#### 5.5 FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING

##### Term – First

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration
NIL				

##### Term – Second

Sr. No.	Name of Faculty	Name of Industry	Start Date - End Date	Duration
NIL				

#### 5.6 STUDENTS UNDERGONE IN-PLANT TRAINING AND (OR) INTERNSHIP PROGRAMME

##### Term – First

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration
NIL					

##### Term – Second

Sr. No.	Name of Student	Class	Name of Industry	Start Date - End Date	Duration
1	Dange zumair Zahid	TE	Air Innovations, Pune	5 January - 5 February, 2025	31
2	Kamble Vidhan Mukundraaj	TE	Jagdamba Engineering, Pune	20 Dec. 2024 - 31 January, 2025	40
3	Bhure Krish Hemantbhai	TE	Jagdamba Engineering, Pune	20 Dec. 2024 - 31 January, 2025	40
4	Pasalkar Ashish Ratnasinh	TE	Shri Ganesh CNC Microtech Pvt Ltd, Pune	20 Dec. 2024 - 31 January, 2025	40
5	Renushe Akshay Dadaso	TE	Jagdamba Engineering, Pune	20 Dec. 2024 - 31 January, 2025	40

6	Borye Ramchandra Vishwanath	TE	TM Automotive Seating Systems Private Limited, Pune	20 Dec. 2024 - 31 January, 2025	40
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#### 5.7 ANY OTHER CONTRIBUTION OF INDUSTRY

##### Term – First

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution
NIL			

##### Term – Second

Sr. No.	Name of Faculty Coordinator	Industry Representative and Name of Industry	Nature of Contribution
NIL			

#### 5.8 ADDITIONAL INITIATIVES TO FOSTER INDUSTRY COLLABORATION (IF ANY)

##### Term – First

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative
NIL			

##### Term – Second

Sr. No.	Name of Faculty Coordinator	Name of Initiative	Details of Initiative
NIL			

- Few good photographs with caption related to different activities under Industry Institute Interaction on new page.

- Industry Visit to International Institute of Non-Destructive Testing, Katraj



- Industry Visit to Pawana Hydro Electric Power Plant



- Industry Visit to Dcruz Gears India Pvt. Ltd. Pune



- Industry Visit to Craft and Technik Industries, Pune



- Industry Visit to Parvati Pumping Station, Pune



- Industry Visit to PELF Infotech, Kothrud



6

ACHIEVEMENT  
OF  
STUDENTS

**6.1 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (INDIVIDUAL LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.2 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (INDIVIDUAL LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, SOCIAL ACTIVITIES ETC.)**

**Term – First**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Student	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.3 STUDENT ACHIEVEMENT IN TECHNICAL ACTIVITIES (TEAM LEVEL - TECHNICAL ACTIVITIES SUCH AS DESIGN COMPETITIONS, PAPER PRESENTATION, TECHNICAL QUIZ, POSTER EXPO, PRODUCT DEVELOPMENT, INNOVATION, ETC.)**

**Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.4 STUDENT ACHIEVEMENT IN OHER ACTIVITIES (TEAM LEVEL - OTHER ACTIVITIES LIKE, SPORTS, CULTURAL ACTIVITIES, AND SOCIAL ACTIVITIES ETC.)****Term – First**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**Term – Second**

Sr. No.	Name of Faculty Coordinator	Details of Achievement (State/University/ National/International Level)	Remark/Rank
NIL			

**6.5 CERTIFICATE/ ONLINE COURSES COMPLETED BY STUDENTS (VALUE ADDED COURSES, MOOCS, SWAYAM, NPTEL ETC.)****Term First**

Sr. No.	Name of Student	Name of the Course	Conducted By	Duration	Start Date-End Date
1.	DANGE ZUMAIR ZAHID	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
2.	KAMBLE VIDHAN MUKUNDRAJ	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
3.	BHURE KRISH HEMANTBHAI	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
4.	PASALKAR ASHISH RATNASINH	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024

5.	RENUSHE AKSHAY DADASO	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
6.	SASTE KARAN KAILAS	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
7.	BORYE RAMCHANDRA VISHWANATH	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
8.	ATHARE RAVINDRA BALU	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
9.	VANJARE OMKAR ANOSH	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
10.	DERE PRASHANT KALURAM	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
11.	KUMBHAR SHANTANU SANDIP	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
12.	JADHAV AJIT BHARAT	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024
13.	WARUNKAR ZISHAN IMRAN	Recent Trends in Industrial Automation	Mechanical Engineering Dept. KJCOEMR	30 Hrs	09/09/2024 to 13/09/2024

**Term Second**

<b>Sr. No.</b>	<b>Name of Student</b>	<b>Name of the Course</b>	<b>Conducted By</b>	<b>Duration</b>	<b>Start Date- End Date</b>
1.	DANGE ZUMAIR ZAHID	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
2.	KAMBLE VIDHAN MUKUNDRAJ	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025

3.	BHURE KRISH HEMANTBHAI	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
4.	PASALKAR ASHISH RATNASINH	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
5.	RENUSHE AKSHAY DADASO	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
6.	SASTE KARAN KAILAS	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
7.	BORYE RAMCHANDRA VISHWANATH	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
8.	ATHARE RAVINDRA BALU	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
9.	VANJARE OMKAR ANOSH	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
10.	DERE PRASHANT KALURAM	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
11.	KUMBHAR SHANTANU SANDIP	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
12.	JADHAV AJIT BHARAT	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025
13.	WARUNKAR ZISHAN IMRAN	Applications of Python in Mechanical Engineering	Mechanical Engineering Dept. KJCOEMR	30 Hrs	24/03/2025 to 28/03/2025

## 6.6 STUDENT PLACEMENT

Number of students Placed: 00

Lower Package Offered: 00

Higher package Offered: 00

Average Package Offered: 00

**Term First**

<b>Sr. No.</b>	<b>Name of Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
NIL			

**Term Second**

<b>Sr. No.</b>	<b>Name of Organization</b>	<b>Number of Students Participated</b>	<b>Number of Students Placed</b>
NIL			

**6.7 NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATIONS**

**(IIT/JAM/NET/SLET/GATE/GMAT/GPAT/CLAT/CAT/ GRE/TOEFL/ IELTS/CIVIL SERVICES/STATE GOVERNMENT EXAMINATIONS ETC.)**

<b>Sr. No.</b>	<b>Names of Student Qualified</b>	<b>Name of the Qualifying Exam</b>	<b>Registration Number/Roll Number for the Exam</b>
NIL			

- Few good photographs with caption related to Student Achievement on new page.

- VAP on Recent Trends in Industrial Automation for TE & BE Mechanical Engineering Students



- VAP on Applications of Python in Mechanical Engineering for TE & BE Mechanical Engineering Students



7  
BEST  
PRACTICES  
AND  
SUMMARY

### 7.1 ANY OTHER SIGNIFICANT ACHIEVEMENTS OF THE DEPARTMENT (NOT COVERED ABOVE)

Sr. No.	Details
NIL	

### 7.2 MISCELLANEOUS (NOTABLE INFRASTRUCTURE AND FACILITY UPGRADES)

Sr. No.	Details
NIL	

### 7.3 FEEDBACK FROM STAKEHOLDERS

Sr. No.	Stake holder	Number of Feedbacks Received	Overall Feedback
1	Students	16	Majority expressed satisfaction with teaching quality, laboratory facilities, and academic support. Suggestions received for more value-added training programs and industry exposure.
2	Teachers	07	Positive feedback on academic planning and resource availability. Suggested improvements in research facilities and funding opportunities.
3	Parents	07	Expressed satisfaction regarding communication, discipline, and student progress. Suggested more career guidance and competitive exam support.
4	Alumni	55	Appreciated mentoring system, technical activities, and practical learning. Recommended strengthening placement drives and advanced skill training.
5	Employers	02	Employers found students disciplined and technically sound. Suggested more training on CAD/CAE tools, soft skills, and real-time industry projects.

### 7.4 TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT (DESCRIBE IN MAXIMUM 500 WORDS)

#### Best Practice 1:

**Title:** Industry-Oriented CAD/CAM/CAE Training Program

#### Objectives of the Practice:

1. To provide advanced design and analysis skills using industry-standard software.
2. To enhance employability by bridging the gap between curriculum and industry requirements.
3. To improve the quality of academic projects and internships through hands-on training.

Mechanical engineering graduates are increasingly expected to possess proficiency in modern design tools such as SolidWorks, CATIA, AutoCAD, CREO, ANSYS, and Fusion 360. The regular university curriculum offers only foundational exposure, creating a gap between academic learning and industrial expectations. Students require practical training and certification for better placement opportunities. To address this challenge, the department established a structured CAD/CAM/CAE

training practice. The department collaborates with certified training institutes and industry experts to conduct training sessions covering 2D drafting, 3D modeling, assembly design, CNC toolpath generation, and FEA-based structural and thermal analysis. Training is conducted during weekends or vacation periods to avoid academic conflict. Students work on real-time design assignments, hands-on simulations, and mini design projects. At the end of the program, students undergo evaluation, and certificates are issued. The department uses dedicated CAD labs equipped with necessary hardware and software. The practice has significantly improved students' technical competence and confidence. Many students successfully completed professional certifications, enhanced their major projects using simulation tools, and secured internships or placements in design-based industries. Participation in design competitions such as SAE BAJA, Go-Kart, and project exhibitions increased notably. Feedback from recruiters indicated improved readiness for design and analysis roles. Financial constraints in software licensing and expert fees are occasional challenges. Scheduling training during academic pressure periods also requires planning. The practice requires trained faculty coordinators, licensed/educational software versions, and well-equipped computer labs.

### **Best Practice 2:**

**Title:** Industry-Integrated Skill Development through Value-Added Training Programs

#### **Objectives of the Practice:**

1. To enhance students' technical competence through industry-oriented training beyond the university syllabus.
2. To improve employability by aligning student skills with current industrial needs.
3. To provide hands-on exposure to emerging technologies in manufacturing, thermal systems, automation, and renewable energy.

Mechanical engineering graduates must possess multi-skill capabilities to meet rapidly changing industrial expectations. However, conventional curriculum alone cannot equip students with practical knowledge of current technologies such as Electric Vehicles, 3D Printing, Solar Thermal Systems, CNC Machining, Automation, IoT for Mechanical Systems, and GD&T. Recognizing this gap, the department introduced structured value-added programs in collaboration with industries and professional bodies. Every semester, the department conducts specialized training programs on advanced topics like CNC programming, GD&T, EV fundamentals, Additive Manufacturing, Solar Dryer Technology, ANSYS fundamentals, and Industrial Safety. Sessions are delivered by industry professionals through hands-on workshops, demonstrations, and application-based assignments. Industrial visits and short-term internships are integrated to enhance real-world exposure. Certification assessments ensure measurable skill enhancement. The programs are scheduled during weekends or semester breaks to avoid academic conflicts. Students demonstrated improved practical skills and confidence in handling industry-grade equipment and software. Many students received certifications, secured internships, and improved their placement outcomes in core mechanical companies. Several project groups applied value-added skills in designing innovative prototypes and publishing research papers. Some programs require financial support for resource persons and consumables. Time management during academic semesters is occasionally challenging. The department uses existing labs, workshop facilities, and industry collaborations to execute the programs effectively.

### **7.5 MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED**

NIL

## 7.6 SWOC ANALYSIS

Five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Department.

### Strength:

1	Well- equipped laboratory
2	State of art Infrastructure
3	Effective Teaching Learning
4	Strong Academic Monitoring
5	MoUs

### Weaknesses:

1	Research & Consultancy
2	Doctorates in department
3	Placement in Core Company
4	Limited Funded Research Projects
5	Low Student Enrollment in Recent Years

### Opportunities:

1	Research & Development
2	To become Centre of Excellence for molding young minds
3	Industry Collaborative Programs
4	Entrepreneurship & Start-Up Ecosystem
5	Growing Scope in New-Age Technologies

### Challenges:

1	Attract meritorious students
2	Collaboration with the foreign universities ,IITs & NITs
3	Faculty up-gradation
4	Industry Expectations for Multi-Skill Profiles
5	Rapid Technological Advancements

### 7.7 FUTURE PLANS OF THE DEPARTMENT (FOR NEXT ACADEMIC YEAR)

1	Faculty Upgradation
2	Research & Consultancy
3	Increase Industry Institute Interaction
4	Collaboration with the renowned institutions (IIT's, NIT's, COEP, etc.)
5	To develop a centre of Excellence

### 7.8 EFFORTS BY THE DEPARTMENT AT INSTITUTE / DEPARTMENT LEVELS TO PROMOTE AND ASSURE QUALITY IN THE FOLLOWING AREAS

Area	Efforts/ Initiative
Academics and overall profile of Department	<ol style="list-style-type: none"><li>1. The department follows a well-structured academic planning process involving teaching plans, course files, lesson plans, and learning outcome mapping as per SPPU guidelines.</li><li>2. Regular classroom monitoring, attendance tracking, and mentor–mentee interactions ensure student progress.</li><li>3. Academic audits, syllabus coverage reviews, and feedback from students, alumni, and parents are conducted to achieve continuous improvement.</li><li>4. Remedial classes, bridge courses, and value-added training programs are organized for slow and advanced learners.</li><li>5. Adoption of ICT-enabled teaching (PPTs, NPTEL videos, virtual labs, simulation tools) improves conceptual understanding.</li><li>6. The department focuses on a holistic profile through technical clubs, project groups, professional society memberships (SAE, ISHRAE, IEI), and interdisciplinary exposure.</li></ol>
Organization of different activities	<ol style="list-style-type: none"><li>1. The department regularly conducts value added programs, workshops, seminars, guest lectures, and expert sessions related to emerging fields such as CAD/CAE, Automotive Systems, EV Technology, Energy Systems, and Industry 4.0.</li><li>2. Technical events, quizzes, poster presentations, project exhibitions, and competitions are organized to foster creativity and teamwork.</li><li>3. Social and extracurricular programs including tree plantation, cleanliness drives, sports, and cultural activities develop overall personality.</li><li>4. Annual events like Engineer's Day, Innovation Day, and Departmental Fest enhance student engagement and technical culture.</li></ol>

<p>Research and Innovation</p>	<ol style="list-style-type: none"> <li>1. Faculty members are motivated to engage in research publications, patents, book chapters, and consultancy works.</li> <li>2. The department encourages students to undertake innovative mini and major projects in renewable energy, thermal systems, solar dryers, automation, and design engineering.</li> <li>3. A dedicated R&amp;D committee coordinates research activities, guides students for paper presentations, and promotes participation in conferences.</li> <li>4. Students are encouraged to use CAE tools, simulation software, and experimental setups for research-driven learning.</li> <li>5. The department applies for funded projects under AICTE, SPPU, and MSME schemes to strengthen research infrastructure.</li> </ol>
<p>Industry institute Interaction</p>	<ol style="list-style-type: none"> <li>1. The department maintains MoUs with industries for internships, training programs, industrial visits, and sponsored projects.</li> <li>2. Industry experts deliver sessions on CNC machining, GD&amp;T, Manufacturing Automation, EV Technology, Solar Energy Systems, and other advanced topics.</li> <li>3. Students visit industries regularly to gain practical exposure and understand real-time working environments.</li> <li>4. The department conducts industry-certified value-added courses and skill development programs to improve employability.</li> <li>5. Feedback from industry is taken continuously to update training modules and project selection.</li> </ol>
<p>Student Achievements</p>	<ol style="list-style-type: none"> <li>1. Students actively participate in SAE BAJA, Go-Kart, Robotics, paper presentations, coding competitions, and project exhibitions, securing notable awards.</li> <li>2. Many students obtain certifications in CAD/CAM/CAE, EV technology, NPTEL courses, and other skill-based modules.</li> <li>3. University examination results show consistent improvement due to mentoring and remedial efforts.</li> <li>4. Students get placed in core mechanical industries, design firms, manufacturing companies, and also pursue higher studies and research.</li> <li>5. Students contribute to social activities, NSS, and entrepreneurship initiatives, enhancing their overall personality.</li> </ol>

**ANNUAL SUMMARY SHEET**

<b>Sr. No.</b>	<b>Particular</b>	<b>Count</b>
<b>PROFILE OF DEPARTMENT</b>		
1	Students in the department	67
<b>CONTRIBUTION BY FACULTY</b>		
2	E-learning materials develop by faculty and available online	NIL
3	Number of FDPS/MDPS/STTPS/FOPS/ Workshops (teaching and supporting staff) attended by Faculty	15
4	Number of Seminars/ webinars attended by the department faculty	NIL
5	Number of Conferences/ symposiums attended by the department faculty	08
6	Number of Online courses / certificate courses completed by department faculty	03
7	Number of Faculty served as resource person, expert, chairperson etc.	NIL
<b>EVENTS AND ACTIVITIES FACILITATED</b>		
8	Number of FDP/MDP/STTP/FOP/Workshop organized by the department	02
9	Number of Seminars/ webinars organized by the department	NIL
10	Number of Conferences/ symposiums organized by the department	NIL
11	Number of MOU signed with academic and professional organizations (Excluding Industry)	04
12	Number of Extension activities conducted by the department (Social activities / any other activity)	NIL
13	Number of student chapter/ club	02
14	Social activities organized (Environment Conservation activities, Women empowerment activities, Awareness Programs etc)	01
<b>RESEARCH AND CONSULTANCY</b>		
15	Number of Patents	NIL
16	Number of copyright, trademark and other (IPR)	NIL
17	Number of Papers published/ presented in proceedings of conferences	04
18	Number of Papers published in journals	03
19	Number of Book publications	NIL
20	Number of Book Chapter publications	NIL
21	Total Research citations	15

22	Number of ME awarded	01
23	Number of PhD awarded	NA
<b>INDUSTRY INSTITUTE INTERACTION</b>		
24	Number of Industry/Site visits organised	05
25	Number of Expert talks and webinars delivered by industry professionals	02
26	Number of Industry sponsored projects (UG/PG)	NIL
27	Number of MOU signed with industry	NIL
28	Number of Faculty members undergone industrial training	NIL
29	Number of Students undergone in-plant training and (or) internship programme	06
30	Number of students placed	00
<b>ACHIEVEMENTS OF STUDENTS</b>		
31	Number of student Achievements	26
32	Number of students qualified in the competitive examinations	NIL

  
**Head of Department**



  
**Principal**