



Hope Foundation's
International Institute of Information Technology (I²IT)
P-14, Rajiv Gandhi Infotech Park, Phase - 1, Hinjawadi, Pune - 411057
Internal Quality Assurance Cell

ACADEMIC AND ADMINISTRATIVE AUDIT

For ACADEMIC YEAR: 2023-24

(Provide information for Academic Year 2023-24)

Section I: Basic Information

1	Audit Date	11/07/2024
2	Name of Department	Computer Engineering
3	Head of Department	Dr. Ajitkumar Shitole
4	Number of Full time teachers	Prof. 00 Asso. Prof. 03 Asst. Prof. 13
5	Number of Technical Staff	02
6	Number of Students	SE : 141 TE : 143 BE: 70
7	Student Full Time Teacher Ratio	22.12

Section II: Curricular Aspects

➤ **Academic Planning**

Sr. No.	Particular	Yes / No	Remark(if any)
1	Departmental Academic Calendar	Yes	
2	Faculty Subject Choices	Yes	
3	Elective Choices from Students	Yes	



4	Course / Subject Distribution to Faculty	Yes	
5	All Time Tables	Yes	
6	Teaching plan & Laboratory plan	Yes	

➤ **Participation of the department in the curriculum development for courses offered by the Affiliating University.**

Sr. No.	Name of Faculty	Participated as	Course	Class
1	Pallavi Yevale	Member in designing Curriculum	Computer Laboratory II (AI&DS) 2020 Course	BE
2	Pallavi Yevale	Member in designing Curriculum	Industrial Internet of Things (AI&DS) 2020 Course	BE
3	Pallavi Yevale	Member in designing Curriculum	Project Stage I and II (CS&D) 2021 Course	TE

➤ **List of Elective Courses in Elective Course System conducted by department to final year students**

Sr. No.	Name of Elective Course	Semester
1	Internet of Things and Embedded Systems	V
2	Cloud Computing	VI
4	Object Oriented Modeling And Design	VII
5	Software Testing and Quality Assurance	VII
6	Natural Language Processing	VIII
7	Buisness Intelligence	VIII

➤ **List of audit courses in CBCS system conducted by department**

Sr. No.	Name of Audit Course	Class	Semester
1	Entrepreneurship Development	BE	I
2	MOOC- Learn New Skills (Full stack Developer)	TE	I



3	Social Awareness and Governance Program	SE	I
4	MOOC-Learn New Skills	BE	II
5	Digital & Social Media Marketing	TE	II
6	Intellectual Property Rights and Patents	SE	II

➤ **List of value added/add-on courses conducted in department**

Sr. No.	Name of Value Added/Add-on Course	Target Audience (FE/ SE / TE/ BE)	No of Students Participated
1	Add-on Course on "Significance of Data structures in IT Life"	BE	57
2	Add-on Course on "Android application Development"	SE	138
3	Value Added course on "Fundamentals of Web3, Blockchain and dApp creation"	TE & BE	134
4	Value Added course on "UI/UX"	TE	131
5	Add-on course on "Machine Learning with Python"	TE	129
6	Add-on course on "Exploring Java Fundamentals with Hands on Practice"	SE	119
7	Value Added course on "Agility and its Methodology"	SE	118



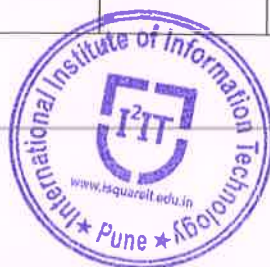
Section III: Teaching Learning & Evaluation

Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practicals as Per Syllabus	No. of Lectures/ Practicals as per teaching plan / Lab Plan	No. of Lectures/ Practical Conducted
Semester I					
1	Discrete Mathematics	Prof. RupaliYeole	42	42	39
		Prof. RupaliYeole	42	42	42
2	Fundamentals of Data Structures	Dr. Ajitkumar Shitole	42	42	42
		Prof. Lata Verma	42	42	41
3	Object Oriented Programming	Prof. Pradnya Shinde	42	42	41
		Dr. Deepak S. Uplaonkar	42	45	44
4	Computer Graphics	Prof. Abhijeet Sagare	42	36	35
		Prof. Nitin Alzende	42	42	37
5	Digital Electronics and Logic Design	Prof. Pallavi Yevale	42	42	45
		Prof. Silkesha Thigale	42	42	42
6	Humanity and Social Science	Prof. Minal Badgujar	10	10	10
		Prof. Minal Badgujar	10	10	10
7	Data Structures Lab	Dr. Ajitkumar Shitole	12	12	11
		Prof. Lata Verma	7	10	9
		Prof. Shital	7	7	7
		WadaganveProf. Kimi	7	7	7
		Ramteke Prof. Lata	7	7	7
		Verma	7	9	11
8	OOP and Computer Graphics Lab	Prof. Abhijeet Sagare	12	7	10
		Prof. Pradnya Shinde	12	9	10
		Dr. Deepak Uplaonkar	12	9	9
		Prof. Nitin Alzende	12	7	9
9	Digital Electronics Lab	Prof. Pallavi Yevale/	12	12	12
		Prof. Silkesha Thigale	12	12	12



10	Business Communication Skills Lab	Prof. Minal Badgujar/ Prof. Minal Badgujar	10 10	10 10	10 10
11	Database Management Systems	Dr.Sandeep Patil Prof. Deptii Chaudhari	40 40	40 42	40 42
12	Theory of Computation	Prof. Raksha Naidu Prof. Raksha Naidu	42 42	42 42	41 42
13	Systems Programming and Operating System	Prof. Arya Chandrapal Singh	45	45	40
14	Computer Networks and Security	Prof. Mukesh More Prof. Nitin Alzende	42 42	42 42	42 37
15	Elective I: Internet of Things and Embedded Systems	Prof. Shital Wadaganve	42	42	33
16	Database Management Systems Laboratory	Dr. Sandeep Patil Prof. Pradnya Shinde Prof. Deptii Chaudhari Prof. Milana Malvadkar	5 8 6 6	5 8 6 6	5 8 6 6
17	Computer Networks and Security Laboratory	Prof. Mukesh More Prof. Mukesh More Prof. Nitin Alzende	12 12 12	12 12 12	12 12 12
18	Laboratory Practice I	Prof. Ashwini Jarali Prof. Deptii Chaudhari Prof. Arya Chandrapal Singh Prof. Shital Wadaganve	8 6 6 8	8 8 8 8	8 8 8 8
19	Seminar and Technical Communication	Prof. Abhijeet Sagare Prof. Mukesh More	8 8	8 8	8 8
27	Design and Analysis of Algorithms	Prof. Milana Malvadkar	42	42	33



28	Machine Learning	Prof. Abhijeet Sagare	42	36	27
29	Block Chain Technology	Prof. Pallavi Yevale	37	37	37
30	Elective III: Object Oriented Modeling and Design	Prof. Ashwini Jarali	36	36	35
31	Elective IV: Software Testing and Quality Assurance	Prof. Kimi Ramteke	42	42	38
32	Lab Practice III	Prof. Ashwini Jarali Prof. Pallavi Yevale Prof. Raksha Naidu	10 12	12 12	10 12
33	Lab Practice IV	Prof. Kimi Ramteke	12	12	12
SEM-II					
34	Engineering Mathematics-III (EM-III)	Prof. Pooja Khatkale Prof. Pooja Khatkale	46 46	46 46	40 46
35	Data Structures and Algorithms (DSA)	Prof. Lata Verma Dr. Ajitkumar Shitole	44 44	42 42	37 43
36	Software Engineering(SE)	Prof. Abhijeet Sagare Prof. Abhijeet Sagare	41 41	36 36	32 33
37	Microprocessor(M P)	Dr. Deepak Uplaonkar Prof. Silkesha Thigale	45 45	47 45	40 38
38	Principles of Programming Languages(PPL)	Prof. Pradnya ShindeProf. Pradnya Shinde	42 42	45 45	37 41
39	Data Structures and Algorithms Laboratory(DSAL)	Prof. Lata VermaProf. Kimi Ramteke Prof.Poonam Deokar Dr. Ajitkumar Shitole Prof. Lata VermaProf.Poonam Deokar	7 6 8 7	13 6 8 13	11 6 8 8
40	Microprocessor	Dr. Deepak Uplaonkar	10	11	9



	Laboratory(MPL)	Prof. Silkesha Thigale	10	10	10
41	Project Based Learning II(PBL-II)	Prof. Abhijeet Sagare Prof.Poonam Deokar Prof. Pradnya Shinde Prof. Raksha Naidu	12 12 12 12	12 12 12 12	12 12 14 12
42	Engineering Mathematics III (EM-III)(T)	Prof. Pooja Khatkale Prof. Pooja Khatkale	8 8	8 8	8 8
43	Code of Conduct(CoC)(T)	Prof. Minal Badgujar/ Prof. Minal Badgujar	10 10	10 10	10 10
44	Data Science and Big Data Analytics (DSBDA)	Prof. Ashwini Jarali Prof. Raksha Naidu	42 42	42 42	47 45
45	Web Technology(WT)	Prof. Kimi Ramteke Prof. Milana Malvadkar	42	42	43
46	Artificial Intelligence(AI)	Dr. Sandeep Patil Prof. Mukesh More	42 42	42 42	42 38
47	Elective II- Cloud Computing	Prof. Nitin Alzende Prof. Shital Wadaganve	42 42	42 42	37 42
48	AIML Honor Course:Artificial Intelligence (HONOR-AI)	Prof. Mukesh More	42	42	42
49	Data Science and Big Data Analytics Laboratory	Prof. Deptii Chaudhari Prof. Raksha Naidu Prof. Ashwini Jarali Prof.Pallavi Yevale	8 8 8 7	8 8 8 7	8 10 8 7
50	Web Technology Laboratory	Prof. Kimi Ramteke Prof Milana Malvadkar	11 11	11 11	11 11
51	Laboratory Practice II	Prof. Mukesh More Prof. Nitin Alzende Dr. Sandeep Patil Prof. Shital Wadaganve	06 05 06 11	06 05 06 11	06 05 06 08
52	High Performance Computing(HPC)	Prof. Shital Wadaganve	42	42	42



53	Deep Learning(DL)	Prof.Pallavi Yevale	43	43	43
54	Elective V-Natural Language Process(NLP)ing	Prof. Deptii Chaudhari	36	38	33
55	Elective VI-Business Intelligence(BI)	Prof. Milana Malvadkar	39	39	35
56	Laboratory Practice-V (HPC, DL)(LP-V)	Prof. Ashwini Jarali Prof.Pallavi Yevale	8 9	8 9	8 9
57	Laboratory Practice-VI(NLP, BI)(LP-VI)	Prof. Deptii Chaudhari Prof. Nitin Alzende	5 5	5 5	5 5

➤ Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1	Pallavi Yevale	Digital Electronics and Logic Design	Google Classroom
2	Pallavi Yevale	Blockchain Technology	Google Classroom
3	Dr. Ajitkumar Shitole	Fundamentals of Data Structures	Google Classroom
4	Deptii Chaudhari	Database Management Systems	Google Classroom
5	Deptii Chaudhari	Database Management Systems Lab	Google Classroom
6	Deptii Chaudhari	System Programming & Operating Systems Lab	Google Classroom
7	Dr. Deepak S. Uplaonkar	Object Oriented Programming	Google Classroom
8	Dr. Deepak S. Uplaonkar	OOPCG Laboratory	Google Classroom
9	Prof. Raksha Naidu	Theory of Computation	Google Classroom



10	Prof. Raksha Naidu	Theory of Computation	Google Classroom
11	Prof. Raksha Naidu	Design of Analysis and Algorithms Lab	Google Classroom
12	Prof. Lata Verma	Fundamentals of Data Structures	Google Classroom
13	Ms.Ashwini Jarali	Object Oriented Modeling and Design	Google Classroom
14	Ms.Ashwini Jarali	LP-III	Google Classroom
15	Ms.Ashwini Jarali	LP-I	Google Classroom
16	Prof. Lata Verma	Data Structures and Laboratory	Google Classroom
17	Prof. Abhijeet sagare	computer graphics	Google Classroom
18	Prof. Abhijeet sagare	seminar & technical communication	Google Classroom
19	Prof. Abhijeet sagare	Machine learning	Google Classroom
20	Prof.Shital Wadaganve	Internet of Things	Google Classroom
21	Prof.Shital Wadaganve	Internet of Things	Google Classroom
22	Prof. Pradnya N. Shinde	Object Oriented Programming	Google Classroom
23	Prof. Pradnya N. Shinde	Database Management System	Google Classroom
24	Dr. Ajitkumar Shitole	Data Structures and Algorithms	Google Classroom
25	Pallavi Yeale	Deep Learning	Google Classroom
26	Deptii Chaudhari	Natural Language Processing	Google Classroom
27	Deptii Chaudhari	Data Science & Big Data Analytics Lab	Google Classroom
28	Prof. Raksha Naidu	Data Science & Big Data Analytics	Google Classroom
29	Dr. Deepak S. Uplaonkar	Microprocessor	Google Classroom
30	Dr. Deepak S. Uplaonkar	Microprocessor Laboratory	Google Classroom
31	Prof. Raksha Naidu	Data Science & Big Data Analytics Lab	Google Classroom
32	Prof. Raksha Naidu	Project - Based Learning - II	Google Classroom
33	Ms.Ashwini Jarali	Data Science and Big Data Analytic	Google Classroom
34	Ms.Ashwini Jarali	Data Science and Big Data Analytic	Google Classroom



		Lab	
35	Prof. Lata Verma	Data Structures and Algorithms	Google Classroom
36	Prof. Lata Verma	Data Structures and Algorithms Laboratory	Google Classroom
37	Prof. Lata Verma	Data Structures and Algorithms Laboratory	Google Classroom
38	Prof.Poonam Deokar	Data Structures and Algorithms Laboratory	Google Classroom
39	Prof.Poonam Deokar	Data Structures and Algorithms Laboratory	Google Classroom
40	Prof.Poonam Deokar	Honours:Soft Computing and Deep Learning	Google Classroom
41	Prof. Abhijeet sagare	Software engineering	Google Classroom
42	Prof. Abhijeet sagare	PBL II	Google Classroom
43	Prof . Pooja Khatkale	Engineering Mathematics - III	Google Classroom
44	Prof . Pooja Khatkale	Engineering Mathematics - III	Google Classroom
45	Prof. Silkesha Thigale	Microprocessor (TH)	Google Classroom
46	Prof. Silkesha Thigale	Microprocessor (Lab)	Google Classroom
47	Prof.Shital Wadaganve	High Performance Computing	Google Classroom
48	Prof.Shital Wadaganve	Cloud Computing	Google Classroom
49	Prof.Shital Wadaganve	LP-II Laboratory	Google Classroom
50	Prof . Pradnya N. Shinde	Principles of Programming Languages(PPL) (TH)	Google Classroom
51	Prof . Pradnya N. Shinde	Principles of Programming Languages(PPL) (TH)	Google Classroom
52	Prof . Pradnya N. Shinde	Project Based Learning II	Google Classroom
53	Prof.Swati Jadhav	Web Technology	Google Classroom
54	Prof.Swati Jadhav	Business Intelligence	Google Classroom
55	Prof.Swati Jadhav	Web Technology Lab	Google Classroom
56	Kimi Ramteke	Web Technology	Google Classroom



➤ **List of Expert Lecturers / Workshops Conducted**

Sr. No.	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/ SE / TE/ BE)
SEMESTER I				
1	Study Abroad : Opportunities and Preparation	Mr. Parashar Pandya	09-08-2023	TE
2	Introduction to Data Structures and its Industry Applications	Mr. Pratik Ghanwat	17-10-2023	SE
3	Industrial IOT	Mr.Ravindra Eshi	05/10/2023	TE
4	Partial Delivery of the Course(Honors): addon	Mr. Yogesh Murumkar	27/08/2023 02/09/2023 10/09/2023 16/09/2023	TE
SEMESTER II				
5	Domain Specific Training	Mr.Vivek Titarmare	23-01-2024	TE
6	Industry Expert interaction for Project Work	Mr. Shridhan Rokade	13/03/2024	BE
7	Data Analytics and visualization using Tableau	Alumni - Sanket Londhe	15/04/2024	TE
8	Guest Lecture on Intellectual Property Rights	Ms. Nitin Shukla	18/04/2024	SE
9	IMS session for guiding students for CAT/GRE/GMAT/TOEFL/IELTS/GATE	Mr. Anvesh Joshi	08/02/2024	SE
10	Social Media & Marketing	Ms. Padmini Sarade	05/04/2024	TE



11	Partial Delivery of the Course of 2 units based on Addon course on JAVA	Mr. Kunal Pagaria	3rd, 4th, 5th, 12th and 15th April 2024	SE
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➤ **Activities for Slow and Advanced Learners**

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes / No)	No. of Sessions Conducted for Slow Learners	Activities / Task Assigned for Advanced - Learner
1	Data Structures and algorithm	Dr. Ajitkumar Shitole Prof. Lata Verma	Yes Yes	4,2	session by advance learner, case study
2	Microprocessor	Dr. Deepak Uplaonkar Prof. Silkesha Thigale	Yes Yes	2,5	session on /microprocessor, Microcontroller, Mini Project Group wise
3	Principles of Programming Languages	Prof. Pradnya Shinde	Yes	3	Presentation
4	Software Engineering	Prof. Abhijit Sagare	Yes	5	Case study
5	Engineering Maths-III	Prof. Pooja Khatale	Yes	5	Assignment
6	DSBDA	Prof. Ashwini Jarali	Yes	5	Tableau demonstration
7	Web Technology	Prof. Kimi Ramteke	Yes	2	Web services PEST and SOAP
8	Cloud Computing	Prof. Shital Wadgnave	Yes	4	Case study-cloud flipkart, banking,netflix
9	Deep Learning	Prof. Pallavi Yevale	Yes	0	research papers
10	Business Intelligence	Prof. Swati Jadhav	Yes	0	Tableau Power BI
11	Fundamentals of	Dr. Ajitkumar	Yes	5	Exception



	Data Structure	Shitole Prof. Lata Verma			handling
12	Object Oriented Programming (OOP)	Prof. Pradnya Shinde Dr. Deepak Uplaonkar	Yes	5	std template library containers
13	Digital Electronics and Logic Design	Prof. Pallavi Yevale Prof. Silkesha Thigale	Yes	3	Mini Project
14	Computer Graphics	Prof. Abhijit Sagare	Yes	4	Case study
15	Theory of Computation	Prof. Raksha Naidu	Yes	4	Seminar
16	Internet of Things	Prof. Shital Wadgnave	Yes	0	Case study
17	Block Chain Technology	Prof. Pallavi Yevale	Yes	0	Research paper
18	Machine Learning	Prof. Abhijit Sagare	Yes	0	Session on Spectral Clustering, Activation function, Neural Network

➤ List of Bridge Courses Conducted

Sr. No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
NIL				



➤ Counseling and Mentoring

Sr. No.	Particular	Yes / No	Remark (if any)
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1	Mentor Allocation	Yes	
2	Class wise Student Profile Record maintained	Yes	Available in ERP
3	Mentor Mentee Session Record maintained	Yes	
No. of Students in Department	No. of Full Teachers in Department	Mentor-Mentee Ratio	
354	16	1:25	

➤ **Internal Evaluation System**

Sr. No.	Particular	Yes / No	Remark (if any)
1	Continuous Evaluation Record	Yes	Yes
2	Mock Online Exam Record	Yes	Yes
3	Online Unit test / Class Test Record	Yes	Yes
4	Prelim Exam Record	No	No
5	Mock Oral Practical Record	Yes	Yes
6	Seminar / Project Review Record	Yes	Yes
7	Term Work Marks Record	Yes	Yes

➤ **Learning Outcome**

Sr. No.	Particular	Yes / No	Remark (if any)
1	PO, PSO, CO are well stated	Yes	
2	Correlation of COs in PSOs and POs	Yes	
3	Course Outcome attainment calculated	Yes	
4	Program Specific Outcome & Program Outcome attainment through course outcome calculated	Yes	

➤ **Student Performance in University Exam**

☐ Semester I



Sr. No.	Particular	SE	TE	BE
1	Number of students appeared	141	138*	69*
2	Number of All Clear Students	112	111	68
3	Number of students passed with distinction	64	81	68
4	Number of students passed with first class	37	23	0
5	Number of students passed with higher second class	7	3	0
6	Number of students passed with second class	4	4	0
7	Number of Students Failed	29	27	1
8	Passing Percentage	79.43%	80.43%	98.55%

□ Semester II

Sr. No.	Particular	SE	TE	BE
1	Number of Students Appeared	141	143	70
2	Number of All Clear Students	121	129	70
3	Number of students passed with distinction	75	102	70
4	Number of students passed with first class	35	23	0
5	Number of students passed with higher second class	10	3	0
6	Number of students passed with second class	1	1	0
7	Number of Students Failed	20	14	0



8	Passing Percentage	85.82%	90.21%%	100%
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* 5 students of TE and 1 student of BE have appeared Sem-I and Sem-II examination in Sem-II due to carry forward rule (ordered by SPPU).

➤ **Remedial Coaching**

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester

❑ **Section IV: Structured Feedback**

Sr. No.	Particular	Yes / No	Remark (if any)
1	Student feedback on teaching learning conducted & analyzed	Yes	
2	Parent Meet / Parent Feedback conducted & analyzed	Yes	
3	Student exit survey conducted & analyzed	Yes	
4	Alumni feedback conducted & analyzed	Yes	

Section V: Research, Innovation, Publication

- **Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)**

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
NIL					

➤ **Faculty Publications**

Number of Publication in National Journals	00
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Number of Publication in International Journals	13
Number of Publication in National Conferences	00
Number of Publication in International Conferences	11

☐ **National Journal**

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
NIL				

☐ **International Journal**

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
1	Deep Learning-Based Coverless Image Steganography on Medical Images Shared via Cloud	Deepak S. Uplaonkar	Engineering Proceedings	2673-4591
2	Innovation management with artificial intelligence: An overview, conceptual framework, and research program	Deepak S. Uplaonkar	Journal For Basic Sciences	1006-8341
3	A Review of Techniques and Applications for Machine Learning and Deep Learning	Deepak S. Uplaonkar	International Journal of Intelligent Systems and Applications in Engineering	2147-6799
4	Improvement of AlGaN/ GaN based HEMT with high performance rate for integrated circuit design for wide range of applications	SWATI JADHAV	Journal of Integrated Circuits and Systems	1807-1953
5	Empowering Propaganda Detection in Resource-Restraint Languages: A Transformer-Based Framework for Classifying Hindi News Articles	Deptii Chaudhari, Dr. Ambika Pawar	Big Data and Cognitive Computing	2504-2289



6	Curated Datasets for Use in Automated Media Monitoring and Feedback System; "News Classification System" Dataset, "Government News Classification" Dataset	Dr. Deepak S. Uplaonkar	IJRITCC	2321-8169
7	A REVIEW PAPER ON AUTOMATIC NUMBER PLATE RECOGNITION FOR DIGITAL GATEKEEPING	Prof. Shital Wadaganve	Industrial Engineering Journal	ISSN: 0970-2555
8	Crafting Floor Plans: Generating Architectural Layouts from Descriptions using GANs	Prof. Abhijeet Sagare	International Journal of Novel Research and Development	ISSN: 2456-4184
9	SafeRoute Scanner: A Comprehensive System for Pothole Detection, Traffic Sign Recognition, Mapping, and Automated Reporting to Local Authorities	Dr. Ajitkumar Shitole	SSRG International Journal of Electrical and Electronics Engineering	ISSN: 2348-8379
10	INSTRUMENTATION FOR WATER LEVEL MONITORING SYSTEM AND IT'S FRONT END DEVELOPMENT	Prof. Nitin Alzende	Journal of Electrical Systems	ISSN:1112-5209
11	Comprehensive Review on Lung Cancer Detection with Metabolite Profile, CT Scans using Machine Learning	Prof. Kimi Ramteke	ALOCHANA JOURNAL	ISSN NO:2231-6329
12	Real-Time Vehicle Tracking System	Dr. Sandeep Patil	ALOCHANA JOURNAL	ISSN NO:2231-6329
13	Advancing Portfolio Management: Integrating Cryptocurrencies, ESG, and AI into Modern Portfolio Optimization	Dr. Sandeep Patil	International Journal of Science and Research (IJSR)	ISSN: 2319-7064



☐ National Conference

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
NIL						

☐ International Conference

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
1	Deep Learning Based Coverless Image Steganography On Medical Images Shared Via Cloud	Dr. Deepak S. Uplaonkar	RAiSE 2023	International Conference on Recent Advances in Science and Engineering	In Process	MDPI
2	Advancing P&ID Digitization with YOLOv5	Dr. Deepak S. Uplaonkar	ICIICS 2023	International Conference on Integrated Intelligence and Communication System	979-8-3503-1545-5	IEEE
3	Multilingual Machine Translation- Bridging Language Barrier: A review	Prof. Pallavi Yevale	VISHWACON 2023	International Conference on Recent Trends In Engineering and Technology	In Process	Taylor and Francis
4	Monitoring of Human Pose for Tracking Gym Activities	Dr. Ajitkumar Shitole	VISHWACON 2023	International Conference on Recent Trends In Engineering and Technology	In Process	Taylor and Francis
5	Classification of	Prof.	ICT for	8th International	ISSN:	Springer



	Pomegranate Fruit Disease using CNN	Ashwini Jarali	SUSTAINABLE DEVELOPMENT	Conference on ICT for SUSTAINABLE DEVELOPMENT	2367-3370,	Verlag, Singapore
6	Sentiment Analysis across Modalities: A Comprehensive Review of Text and Audio Approaches	Prof. Ashwini Jarali	Recent Trends in Advanced Computing (ICRTAC)	6th International Conference on Recent Trends in Advanced Computing (ICRTAC)	979-8-3503-9470-2	IEEE
7	Effective Malware Analysis and Classification using Machine Learning	Dr. Ajitkumar Shitole	NA	International Conference on Recent Trends and Advancements in Computing Technologies (ICRTACT-2024)	In process	ISTE Online
8	PRECISION FARMING METHODS USING MACHINE LEARNING	Prof. MILANA MALVADKAR	Proceedings of International Conference on Education, Science, Technology and Management (ICESTM) Mumbai, India,	International Conference on Education, Science, Technology and Management (ICESTM) Mumbai, India, ICESTM 2024	978-93-85330-17-9	IEEE
9	Visualizing Vitality: Decoding P&ID Connectivity via Symbol Detection and Line Analysis	Dr. Deepak S. Uplaonkar	NA	International Conference on Intelligent Algorithms for Computational Intelligence Systems (IACIS)	979-8-3503-6066-0	IEEE

❑ Books / Book Chapters



Sr. No	Title of the book/chapters published	Name of the author/s	ISBN/ISSN number	Publisher
1	book chapter titled "Introduction to Data Types in Python" of published book entitled "Advanced Research in Computer Science (Volume - 1)"	Dr. Deepak S. Uplaonkar	978-93-92804-92-2	Bright Sky Publication
2	Classification of Pomegranate Fruit Disease Using CNN	Pof.Ashwini Jarali	978-981-99-4932-8	SPRINGER

Section VI: Collaborations & Linkages

> Student Internships:

Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution	Duration
1	Siddharth Bramhecha	TrainingMug Pvt Limited	3 Months
2	Anushka Mokashi	OASIS INFOBYTE	1 month
3	Siddhi Pharande	MASS IT Solutions LLP	1 month
4	Krishna Elle	SIEMENS	2 months
5	Kundan Agarwal	Fluidity	3 Months
6	Rushikesh Kulkarni	Persistent	7 weeks
7	Prajwal Raut	Feynn Labs Services	2 months
8	Harshal Anil Patil	Codsoft	1 months
9	Gaurav Vilas Kasture	Codsoft	1 months
10	Tejas Ajit Pandhare	Vaultofcodes	1 months
11	Sammed Agarkhed	AICTE- EduSkills virtual internship	10 weeks
12	Riya Ahire	AlgoAnalytics	4 months
13	Riya Ahire	AICTE- EduSkills virtual internship	10 weeks
14	Gauri Ahirrao	AICTE- EduSkills virtual internship	10 weeks
15	Rushikesh Andhale	AICTE- EduSkills virtual internship	10 weeks
16	Jessica Antony	AICTE- EduSkills virtual internship	10 weeks
17	Smita Athawale	AICTE- EduSkills virtual internship	10 weeks
18	Abhishek Bagal	Borderless World Foundation	1 month
19	Abhishek Bagal	AICTE- EduSkills virtual internship	10 weeks
20	Shruti Bangar	AICTE- EduSkills virtual internship	10 weeks
21	Aayush Bhalavi	Zidio Development Inc.	2 months
22	Aayush Bhalavi	Logical4Bits	1 months
23	Teemira Bhale	AICTE- EduSkills virtual internship	10 weeks
24	Yash Bhilare	Siddhagiri Hospital and Research Centre	6 months
25	Sahil Bhilave	AICTE- EduSkills virtual internship	10 weeks
26	Sahil Bhilave	Borderless World Foundation	1 month



27	Swapnil Bhise	AICTE- EduSkills virtual internship	10 weeks
28	Pratiksha Bhosale	AICTE- EduSkills virtual internship	10 weeks
29	Swaraj Bhumare	AICTE- EduSkills virtual internship	10 weeks
30	Pradnya Bornar	AICTE- EduSkills virtual internship	10 weeks
31	Aniket Borse	AICTE- EduSkills virtual internship	10 weeks
32	Siddharth Bramhecha	TrainingMug	9 Months
33	Vedant Chaudhari	OracleApexConsultants Pvt. Limited	2 Months
34	Harshvardhan Chavan	AICTE- EduSkills virtual internship	10 weeks
35	Shivaranjani Darshale	AICTE- EduSkills virtual internship	10 weeks
36	Prathamesh Datari	AICTE- EduSkills virtual internship	10 weeks
37	Nishigandha Deore	AICTE- EduSkills virtual internship	10 weeks
38	Rucha Deshmukh	TechyMonk	6 weeks
39	Vaishnavi Deshmukh	Debug Deployment Technologies	6 weeks
40	Siddhi Deshpande	AICTE- EduSkills virtual internship	10 weeks
41	Palash Dhabale	Siddhigiri Hospital and Research Center	6 months
42	Ritesen Dhar	AICTE- EduSkills virtual internship	10 weeks
43	Meghan Diwate	AICTE- EduSkills virtual internship	10 weeks
44	Chaitanya Dond	AICTE- EduSkills virtual internship	10 weeks
45	Sanmay Ethape	AICTE- EduSkills virtual internship	10 weeks
46	Abhishek Fadake	SIDDHAGIRI HOSPITAL & RESEARCH CENTER	6 Months
47	Asmi Gaikwad	Ybi Foundation	2 weeks
48	Asmi Gaikwad	AICTE- EduSkills virtual internship	10 weeks
49	Aniket Gaiwal	AICTE- EduSkills virtual internship	10 weeks
50	Vinay Gavhane	AICTE- EduSkills virtual internship	10 weeks
51	Mahek Gupta	AICTE- EduSkills virtual internship	10 weeks
52	Vishwas Gupta	AICTE- EduSkills virtual internship	10 weeks
53	Vishwas Gupta	Cognizer	6 months
54	Dnyaneshwar Indrale	Siddhagiri Hospital and Research Center	6 months
55	Tanvi Ingale	AICTE- EduSkills virtual internship	10 weeks
56	Rohini Irkar	AICTE- EduSkills virtual internship	10 weeks
57	Pritesh Jadhav	AICTE- EduSkills virtual internship	10 weeks
58	Shreya Jadhav	AICTE- EduSkills virtual internship	10 weeks
59	Shreya Jadhav	Clairvoyant India Private Limited	2 months
60	Aditi Jagadale	AICTE- EduSkills virtual internship	10 weeks
61	Tayali Jaybhay	AICTE- EduSkills virtual internship	10 weeks
62	Hrutvij Kakade	AICTE- EduSkills virtual internship	10 weeks
63	Aditya Kale	Siddhagiri Hospital and Research Center	6 months
64	Aryan Kale	AICTE- EduSkills virtual internship	10 weeks
65	Avadhut Kale	AICTE- EduSkills virtual internship	10 weeks
66	Himanshu Kale	AICTE- EduSkills virtual internship	10 weeks
67	Vansh Kanakia	AICTE- EduSkills virtual internship	10 weeks



68	Nachiket Khairkar	AICTE- EduSkills virtual internship	10 weeks
69	Nachiket Khairkar	Birdvision	3 Months
70	Parth Khajgiwale	AICTE- EduSkills virtual internship	10 weeks
71	Prajeet Khante	AICTE- EduSkills virtual internship	10 weeks
72	Prajeet Khante	FirstEigen	2 months
73	Uday Kharatmol	AICTE- EduSkills virtual internship	10 weeks
74	Rohan Khatode	AICTE- EduSkills virtual internship	10 weeks
75	Atharva Kokil	Good Game Nation	8 Months
76	Rahul Kumar	Siddhagiri hospital and research center	6 month
77	Swapnil Kupate	Cognifyz Technologies	1 month
78	Avni Lakhatariya	AICTE- EduSkills virtual internship	10 weeks
79	Prajwal Lalpotu	AICTE- EduSkills virtual internship	10 weeks
80	Prajwal Lalpotu	GiliGiliChoo Technologies Pvt. Ltd.	1 months
81	Swapnil Mahajan	AICTE- EduSkills virtual internship	10 weeks
82	Swapnil Mahajan	Borderless World Foundation	1 month
83	Aranav Mahalpure	AICTE- EduSkills virtual internship	10 weeks
84	Devashree Mali	AICTE- EduSkills virtual internship	10 weeks
85	Nishtha Mukesh Jethani	AICTE- EduSkills virtual internship	10 weeks
86	Nishtha Mukesh Jethani	ReBlue Ventures	6 months
87	Gurupratad Ajegaonkar	AICTE- EduSkills virtual internship	10 weeks
88	Gurupratad Ajegaonkar	OracleApex	2 months
89	Ashish Shankar Chandekar	MotionCut	2 months
90	Aarti Vijay Aware	PRODIGY INFOTECH	1 months
91	Aarti Vijay Aware	AICTE- EduSkills virtual internship	10 weeks
92	Virag Ravindra Injankar	YHills Edutech Private Limited	3 months
93	Neha Amol Kadtane	AICTE- EduSkills virtual internship	10 weeks
94	Neha Amol Kadtane	YHills Edutech Private Limited	3 months
95	Jayshree Kailas Karve	AICTE- EduSkills virtual internship	10 weeks
96	Jayshree Kailas Karve	Techoctanet Services Pvt. Ltd	1 months
97	Jayshree Kailas Karve	PRODIGY INFOTECH	1 months
98	Snehal Tanaji Kavathekar	AICTE- EduSkills virtual internship	10 weeks
99	Sanskriti Sudhir Lad	NetLeap IT Training and Solutions	1 month
100	Nikita Ashok Landge	AWS Academy	10 weeks
101	Omkar Mane	AICTE- EduSkills virtual internship	10 weeks
102	Omkar Mane	Devskillhub	2 Months
103	Malik Sheikh	Sumago Infotech PVT. LTD.	6Weeks
104	Anushka Mokashi	Tech Mahindra	9 weeks
105	Anushka Mokashi	AICTE- EduSkills virtual internship	10 weeks
106	Ved Mone	AICTE- EduSkills virtual internship	10 weeks
107	Prajyot More	AICTE- EduSkills virtual internship	10 weeks
108	Rohan More	Edunet Foundation	6 weeks
109	Rohan More	Edunet Foundation	4 weeks



110	Shubham Mote	AICTE- EduSkills virtual internship	10 weeks
111	Prathamesh Nagawde	AICTE- EduSkills virtual internship	10 weeks
112	Riya Naik	Ozibook	2 months
113	Riya Naik	AICTE- EduSkills virtual internship	10 weeks
114	Anirudh Nair	Omnex Software Solutions Pvt Ltd.	3 months
115	Anirudh Nair	AICTE- EduSkills virtual internship	10 weeks
116	Pranav Nakade	AICTE- EduSkills virtual internship	10 weeks
117	Pranav Nakade	Tata Motors Ltd	3 Months
118	Oshan Nalawade	AICTE- EduSkills virtual internship	10 weeks
119	Atul Naveen	AICTE- EduSkills virtual internship	10 weeks
120	Aryan Nayak	AICTE- EduSkills virtual internship	10 weeks
121	Aryan Nayak	Mappls Kogo	2 months
122	Abhijeet Nikam	MOOD INDOGO IIT BOMBAY	3 months
123	Abhijeet Nikam	AICTE- EduSkills virtual internship	10 weeks
124	Abhijeet Nikam	TATA Motors Ltd	3 month
125	Ganesh Nikam	AICTE- EduSkills virtual internship	10 weeks
126	Sahil Padgilwar	AICTE- EduSkills virtual internship	10 weeks
127	Sahil Padgilwar	Data Lumina	1 Month
128	Pradyumna Paithankar	AICTE- EduSkills virtual internship	10 weeks
129	Sagar Pande	AICTE- EduSkills virtual internship	10 weeks
130	Sagar Pande	PPCRC	4 months
131	Nupur Pangale	DevTown	3 months
132	Nupur Pangale	AICTE- EduSkills virtual internship	3 months
133	Eesha Patel	TechnOarc	4 month3
134	Eesha Patel	AICTE- EduSkills virtual internship	10 weeks
135	Mann Pathak	AICTE- EduSkills virtual internship	10 weeks
136	Mann Pathak	Sharayu Solution pvt. ltd.	10 weeks
137	Tejas Pathak	AICTE- EduSkills virtual internship	10 weeks
138	Atharv Patil	AICTE- EduSkills virtual internship	10 weeks
139	Avadhut Patil	AICTE- EduSkills virtual internship	10 weeks
140	Disha Patil	AICTE- EduSkills virtual internship	10 weeks
141	Disha Patil	Bird Vision	3 months
142	Kundan Patil	AICTE- EduSkills virtual internship	10 weeks
143	Kundan Patil	DEBUG DEPLOYMENT TECHNOLOGIES	6 weeks
144	Mayur Patil	Birdvision Consultants	2 months
145	Piyush Patil	POYV Pvt Ltd.	2 months
146	Piyush Patil	AICTE- EduSkills virtual internship	10 weeks
147	Sahil Phadtare	AICTE- EduSkills virtual internship	10 weeks
148	Siddhi Pharande	AICTE- EduSkills virtual internship	10 weeks
149	Siddhi Pharande	Synetic Business School	3 months
150	Tanvi Rainak	AICTE- EduSkills virtual internship	10 weeks
151	Avinash Rajput	CLAIRVOYANT INDIA PVT LTD	2 months



152	Avinash Rajput	AICTE- EduSkills virtual internship	10 weeks
153	Monik Ramjiyani	AICTE- EduSkills virtual internship	10 weeks
154	Monik Ramjiyani	Borderless World Foundation(An NGO)	6 months
155	Krish Ruparel	Micropro Solutions	2 months
156	Krish Ruparel	AICTE- EduSkills virtual internship	10 weeks
157	Shruti Sahare	AICTE- EduSkills virtual internship	10 weeks
158	Mitesh Sakhare	AICTE- EduSkills virtual internship	10 weeks
159	Siddhi Salunkhe	povy pvt ltd	2 month
160	Siddhi Salunkhe	AICTE- EduSkills virtual internship	10 weeks
161	Abhishek Sawant	AICTE- EduSkills virtual internship	10 weeks
162	Abhishek Sawant	MentorAide	3 month
163	Abhishek Sawant	CODSOFT	1 month
164	Tausif Sayyad	Cognifyz Technolgies	1 month
165	Ayan Shaikh	AICTE- EduSkills virtual internship	10 weeks
166	Sanjhari Sharma	AICTE- EduSkills virtual internship	10 weeks
167	Sanjhari Sharma	Borderless World Foundation (An NGO)	6 months
168	Saumya Sharma	AICTE- EduSkills virtual internship	10 weeks
169	Piyush Shastri	AICTE- EduSkills virtual internship	10 weeks
170	Aanisha Shewate	OracleAPEXConsultant	2 months
171	Simaran Shinde	AICTE- EduSkills virtual internship	10 weeks
172	Aditi Shirsat	AICTE- EduSkills virtual internship	10 weeks
173	Anushka Shrirao	AICTE- EduSkills virtual internship	10 weeks
174	Anushka Shrirao	CodePaathshala	2 months
175	Divyam Singh	AICTE- EduSkills virtual internship	10 weeks
176	Ashlesha Solanke	AICTE- EduSkills virtual internship	10 weeks
177	Vaishnavi Suryawanshi	AICTE- EduSkills virtual internship	10 weeks
178	Aditya Swami	Star Thoughts PVT. LTD.	6 Months
179	Aditya Swami	AICTE- EduSkills virtual internship	10 weeks
180	Aishwarya Tagad	AICTE- EduSkills virtual internship	10 weeks
181	Atharva Todkary	Borderless World Foundation	6 months
182	Pritish Valecha	Borderless World Foundation (an NGO)	6 months
183	Aditi Vasmatar	AICTE- EduSkills virtual internship	10 weeks
184	Aditi Vasmatar	Bird vision	2-3 months
185	Shantanu Wadhokar	AICTE- EduSkills virtual internship	10 weeks
186	Prasad Waghmare	AICTE- EduSkills virtual internship	10 weeks
187	Bhagyashree	AICTE- EduSkills virtual internship	10 weeks
188	Yayati Nehe	AICTE- EduSkills virtual internship	10 weeks
189	Yayati Nehe	InternPay	3 month
190	Oganiya Rohit Sunilbhai	AICTE- EduSkills virtual internship	10 weeks
191	Patil Gayatri Panditrao	AICTE- EduSkills virtual internship	10 weeks
192	Rushali Baliram Sarak	AICTE- EduSkills virtual internship	10 weeks
193	Shete Rutuja Kakasaheb	AICTE- EduSkills virtual internship	10 weeks



194	Shete Rutuja Kakasaheb	YHills Pvt. ltd	3 months
195	Shruti Arun Kolhe	AICTE- EduSkills virtual internship	10 weeks
196	Shruti Arun Kolhe	Prodigy infotech	1 month
197	Sonawane Ritesh Bhaiyyasaheb	Edunet Foundation	1 month
198	Suryawanshi Sneha Sachin	Prodigy infotech	4-5 weeks
199	Sarang Jalindar Shelke	Parallel Wireless India Pvt. Ltd.	6 Months
200	Yash Khairnar	Resolute AI Software PVT. LTD	3 month
201	Yash Khairnar	Accurate Industrial Control PVT. LTD	3 month
202	Padmakar Rajendra Pimpale	Mass Technologies	2 months
203	Vaibhav Dattu Dhaygude	Catus Communication	3 Months
204	Meenu Rajendran Pillai	AICTE- EduSkills virtual internship	10 weeks

➤ **Sponsored Projects**

Sr. No.	Project Title	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution
1	P & ID symbol and text detection	Teja Tadepalli, Meenu Pillai, Shreya Gajbhiye, Srushthi Bhamre	PPCRC, Pune
2	Water level monitoring system	Apurav Divekar, Omkar Papade, Palak Oza, Yuvraj Khelkar	POYV Pvt. Ltd. Pune
3	Project monitoring and team recommendation system	Piyushka Deshmukh Vaibhavi Kate Chaitali Gavitt	DRDO, Pune
4	Automated Media Monitoring and Feedback System for the Government of India	Vitthal Waghare Chaitanya Ambekar Harshal Paratwar Santosh Sarvade	B4Bdemand InfoTech Private Limited, Pune
5	Crop Recommender & Plant Disease Detection System	Amey Bable Shreyanshu Kodilkar Surabhi Annigeri Tanaya Pawar	Mahatma Phule Krishi Vidyapeeth, Pune



➤ **Industrial Visits**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1	STPI, Hinjewdi	29/02/2024	60
2	GMRT, Manchar	28/02/2024	120

➤ **Functional Memorandum of Understanding (MoU)**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of commencement	Duration
1	WISDOM SPROUTS	17th July 2023	5years
2	AWS Academy	8th December 2023	5 Months
3	TECH CRYPTORS PVT LTD	29th March 2024	3 years
4	APPWIZER SOLUTIONS (OPC) PRIVATE LIMITED	19th March 2024	3 years
5	Expert Cloud Consulting aka GPUonCloud	13th March 2024	3 years
6	AyanWorks Technology Solutions Pvt. Ltd.	16th February 2024	2 years
7	Bharat Software Solutions	29th January 2024	3 years

Section VII: Student Progression

➤ **Placements**

Sr. No.	Name of Students	Name of Company
1	Mr. Kundan Agrawal	Elastic Run



2	Mr. Hitesh Jain	Oracle
3	Mr. Om Mahale	Oracle
4	Mr. Omkar Papade	Oracle
5	Mr. Rushikesh Kulkarni	Oracle
6	Mr. Raghav Sharma	Oracle
7	Mr. Kunal Jawane	Oracle
8	Mr.Meenu Pillai	Acrotrend
9	Surabhi Annigeri	IBM
10	Mr. Mahesh Gaikwad	Bajaj allianz
11	Mr. Sahil Singh Rajput	Bajaj allianz
12	MS. Piyushka Deshmukh	Bajaj allianz
13	Mr. Vaishnavi Gohad	Bajaj allianz
14	Mr.Abhang Mandwale	Bajaj allianz
15	Mr. Shubham hippargi	Neeeyamo
16	Ms.Vaibhavi Kate	Neeeyamo
17	Mr.Vishnu Shinde	Rsquaresoft

➤ **Higher Education**

Sr. No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
1	Divya Nipane	Symbiosis International Deemed University, Pune	MBA data science and data analytics
2	Amey Bable	UCDAVIS University of California	MS in computer and information science
3	Tanaya pawar	NYU Tandon School of Engineering, United States	MS in computer science
4	Krishna Ille	Luddy School of informatics and computing and engineering Indiana university bloomington United States	MS in computer science



5	Yash dusane	california state university fullerton United States	MS in computer science
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Section VIII Activity Conducted / Organized by Department

Technical Event / Workshop for Students Sr. No.	Name of Event / Workshop	Organized under (Department / Student Association / Profession Chapter / Student Club)	Date of Event	Level (University / State/ National / International)	No. Of Participants
1	CESA Opening Ceremony, 2023	Computer Engineering (CESA)	31/8/2023	Dept. level	80
2	Codesprint Showdown	Computer Engineering (CESA)	6/10/2023	Dept. level	8
3	Data Analytics: A Roadmap to Rewarding Career	Computer Engineering (CESA)	14.10.2023	Dept. level	80
4	Breast Cancer Awareness	Computer Engineering (CESA)	In the month of October 2023	Dept. level	-
5	Workshop on Git and Bash	Computer Engineering (CESA)	2/1/2024	Dept. level	124
6	Orphanage Visit	Computer Engineering (CESA)	15/02/2024	Dept. level	49
7	DSA for Placement	Computer Engineering (CESA)	26/02/2024 to 01/03/2024	Dept. level	58
8	Blockchain	Computer Engineering (GDSC)	20/02/2024 - 23-02-2024	Dept. level	30
	Android Study Jams	Computer Engineering (GDSC)	23/01/2024	Dept. level	33



9					
10	GDSC Mahine Learning Study Jams	Computer Engineering (GDSC)	22/01.2024 - 07/03/2024	Dept. level	40
11	Data Analytics : Roadmap to a Rewarding Career	Computer Engineering (GDSC)	14/10/2024	Dept. level	316
12	GDSC Know Your Domain Session(SE)	Computer Engineering (GDSC)	24-8-2023	Dept. level	172
13	GDSC INFO Session FE	Computer Engineering (GDSC)	22-8-2023	Dept. level	200
14	“Google Cloud Study Jams”	Computer Engineering (GDSC)	Whole month of September	Dept. level	187
15	Exploring data analytics	Computer Engineering (GDSC)	10/10/2023	Dept. level	60
16	GDSC COMMUNITY CONNECT	Computer Engineering (GDSC)	29/8/2023	Dept. level	70
17	Internship Odyssey: Sailing through Internships	Computer Engineering (ACM)	31/08/2023	Dept. level	351
18	Breast Cancer Awareness Campaign	Computer Engineering (ACM)	29/10/2023	Dept. level	50
19	Membership Drive	Computer Engineering (ACM)	19/10/2023- 20/10/2023	Dept. level	200
20	“Building Blocks of AI, ML and Data Science”	Computer Engineering (ACM)	16/02/2024	Dept. level	150

➤ FDP / Workshop/ STTP/ Conference for faculty



Sr. No.	Name of Event / Workshop	Date of Event	Level (University / State/ National / International)	No. of Participants
NIL				

Section IX: Achievements

> Awards and Prizes received by students

Sr. No.	Name of Student	Event Name / Details	Organized by	Achievement / Position / Prize
1	Parth Khajgiwale	Published Book named as Shades of Reflection - Exploring Duality By ParthAjit Khajaguwale	ASIN : B0CHYM2CCR Publisher : Notion Press (11 Sep 2023) Language : English	Published Book
2	Shubham Nandkumar Mote	Elocution Competition	Balbhim Mahavidyalay Rajyastatriy	Third Prize
3	Shubham Nandkumar Mote	Third Prize Kon Honar Sabhapati A District Level Inter collegiate Elocution Compitiion 2024	Saswad Sanskrutik Mandal Saswad and Dr. Babasaheb Ambedkar Center of Excellence, Sasawad	Third Prize
4	Shubham Nandkumar Mote	Secured Second Runner Up at District Level Elocution Compitiion 2024	Rajmata Jijau Shikshan Prasarak Mandal, College of Arts, Commerce and ScienceLandewadi, Bhosari, Pune-411039	Secured Second
5	Shubham Nandkumar Mote	Participated in Speak for India Maharashtra Edition 2023-24 Elocution Compitiion	Speak for India Maharashtra Edition 2023-24 and A Federal Bank CSR Initiative	Participated
6	Shubham Nandkumar Mote	Third Prize at Savitribai Phule A State Level Inter collegiate Elocution Compitiion	Abasaheb Garware Mahavidylay Pune and Vidhyarthi Vikas Mandal, SPPU Pune	Third Prize
7	Shubham Nandkumar Mote	Third Prize State Level Inter collegiate Elocution Competition 2024	U.S.O. Warkari and Youth Club of Dehugaon	Third Prize
8	Shubham	State Level Elocution	Vicharkranti Sarvjanik	Participation



	Nandkumar Mote	Competition at Nashik	Vachnalay va Abhyasika, Nashik	
9	Shubham Nandkumar Mote	Participated in State Level Inter collegiate Dr. Arvind B. Telang Elocution Competition 2024	Camp Education Society's Dr. Arvind B. Telang Senior College Arts, Commerce and Science Sector No. 27-A, Pradhikaran Nigdi, Pune-411044	Participated
10	Shubham Nandkumar Mote	Fourth Prize State Level Inter collegiate Elocution Competition 2024	Hutatma Rajguru Vicharmanch	Fourth Prize
12	Shubham Nandkumar Mote	Second Prize at Chatrapati Karandak - A State Level Inter collegiate Elocution Compitiion	Shri Shivaji Mahavidyalay Akola, Maharashtra	Second Prize
13	Shubham Nandkumar Mote	Participated in Sinhgad Karandak Elocution Compitiion 2023	Kedarnath Sarvjanik Vachanalay and Samajik Sanstha, Pune	Participation
14	Shubham Nandkumar Mote	Participated in State Level Inter collegiate Elocution and Debate Compitiion 2023	Dr. Sudhakar Jadhavar Arts, Commerce & Science College	Participated
15	Shubham Nandkumar Mote	Participated in State Level Inter collegiate Elocution and Debate Compitiion 2023	YIN Kala Mahotsav 2023	Participated
16	Ved Mone	Secured 4th Place in Inter collegiate Chess Compitiion of SPPU, Pune Pune District Zonal Sports Committee	Pune District Education Association's Annasaheb Waghire College Of Arts, Science & Commerce	Secured 4th Place
17	Ved Mone Prithish Jadhav	Second Runner Team in Inter collegiate Chess Compitiion of SPPU, Pune Pune District Zonal Sports Committee	Pune District Education Association's Annasaheb Waghire College Of Arts, Science & Commerce	Second Runner Team
21	Anisha Shewate	GATE 2024		Qualified
22	Atharwa Pingle	GATE 2024		Qualified



23	Himanshu Kale	GATE 2024	Qualified
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➤ **Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies**

Sr. No.	Name of Faculty	Members of committees at University level / State level /International Level as
1	Dr. Ajitkumar Shitole	External Expert in PhD Topic Approval, Board of University Teaching and Research, Amity University, Mumbai
2	Dr. Ajitkumar Shitole	Board of Study Member (AIDS) DEPARTMENT OF ARTIFICIAL INTELLIGENCE & DATA SCIENCE ENGINEERING Vidya Pratishthan's KAMALNAYAN BAJAJ INSTITUTE OF ENGINEERING & TECHNOLOGY, BARAMATI
3	Dr. Ajitkumar Shitole	BUTR Member at Amity Institute of Information Technology, Pune
4	Dr. Ajitkumar Shitole	Subject Expert in the Board of Studies of Program Computer Science & Engineering , ALARD University, Pune.
5	Dr. Ajitkumar Shitole	Member of Departmental Advisory Board Department of Computer Engineering, Bharati Vidyapeeths COE Lavale Pune
6	Dr. Sandeep Patil	Member of Board of Studies in Gompouter Science &Engineering of the College under Autonomous Status.ShriVithal Education & Research Institute's SVERI,SCOLLEGE OF ENGINEERING, PANDHARPURP. B. No. 54, Gopalpur- Ranjani Road, Gopalpur,Tal. : Pandharpur- 41 3304
7	Dr. Deepak Uplaonkar	Subject Expert in the Board of Studies of Program Computer Science & Engineering , ALARD University, Pune.



➤ **Details of teachers appointed/ Nominated on Editorial Boards / Reviewers**

Sr. No.	Name of Faculty	Name of Editorial Boards/ Conference
1	Dr. Ajitkumar Shitole	Reviewer at 6th International Conference on Information Systems and Management Science ISMS-2023. Department of Computer Science and Engineering, OP Jindal University, Raigarh, India and ICT, University of Malta, Msida, Malta
2	Dr. Ajitkumar Shitole	International Conference on Recent Trends in Engineering and Technology (VISHWACON 2023) at VIIT, Pune
3	Dr. Ajitkumar Shitole	International Conference on Computational Intelligence and Network Systems (CINS 2023) at Dubai, UAE
4	Dr. Sandeep Patil	International Session Chair 12th International Conference on Frontiers of Intelligent Computing: Theory and Applications (FICTA-2024)" organized by London Metropolitan University, London, United Kingdom
5	Dr. Sandeep Patil	Session Chair, AI for Metaverse and Cloud Computing at the MITADTSOCiCON 2024 conference organised by MIT-ADT University, Pune

➤ **Awards / Prizes and recognitions received by teachers at university, state, national and international level:**

Sr. No.	Name of Faculty	Name of Award
01	Dr. Deepak Upiaonkar	Best Paper Award at Recent Advances in Science and Engineering RAISE-2023 Manipal Academy for Higher Education,



		Dubai
2	Dr. Deepak Uplaonkar	Best Paper Presenter at IEEE International Conference On Integrated Intelligence And Communication Systems (ICIICS-2023)Sharnbasva University, Kalaburagi
3	Prof. Pallavi Yevale	VISHWACON 2023 Best Paper Award for Track Doctoral Symposium 6th International Conference on Recent Trends in Engineering and Technology

- **Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, and Conferences at national and international levels.**

Sr. No.	Name of Faculty	FDP/STTP/Workshop/ Conference Title	Organized by	Duration (in days / weeks)
1	Dr. Ajitkumar Shitole	Cloud Infrastructure (AWS)	PCCOE&R, Ravet in collaboration with Brainovision Solutions Pvt. Ltd. & AICTE	One Week
2	Dr. Deepak S. Uplaonkar	Cloud Infrastructure (AWS)	TCOER, in collaboration with Brainovision Solutions Pvt. Ltd. & AICTE	One Week
3	Prof.Shital Wadaganve	Machine Learning	Dr.D.Y.Patil Institute of Engineering Management and Research	One Week
4	Prof. Kimi Ramteke	Machine Learning	Dr.D.Y.Patil Institute of Engineering Management and Research	One Week



5	Mrs. Pallavi Yevale	Research ethics in higher education	Rani Anna Gov. college of Women, Tirunelveli, Globethics, Bangalore	One Week
6	Mrs. Pallavi Yevale	Education 4.0 in Higher education	VIIT, Pune	One Week
7	Mrs. Pallavi Yevale	VISHWACON 2023 6th International Conference on Resent Trends in Engineering and Technology	VIIT, Pune	2 days
8	Mrs. Pallavi Yevale	ChatGPT and Prompt Engineering	Bharati Vidyapeeth College of Engineering - Navi Mumbai, NRI Institute of Technology - Vijayawada and Sreenidhi Institute of Science & Technology – Hyderabad in Collaboration with ExcelR Edtech Pvt. Ltd.	5 Days
9	Mrs. Pallavi Yevale	NLP, Computer Vision and Artificial Intelligence	Andhra Pradesh State Skill Development Corporation (APSSDC) in Collaboration with ExcelR Edtech Pvt. Ltd.	5 Days
10	Dr. Deepak S. Uplaonkar	International Conference on Recent Advances in Science and Engineering	MAHE, Dubai (Online)	2 days
11	Dr. Deepak S. Uplaonkar	International Conference on Integrated Intelligence and Communication System , IEEE	Sharnbasva University	2 days
12	Prof. Raksha Naidu	“Data Visualization Using	Mohan	5 days



		Tableau”	Babu,University, Tirupati, Andhra Pradesh & EXCELR EDTECH PVT. LTD.	
13	Prof. Raksha Naidu	GenAI and Prompt Engineering using Microsoft Copilot	P B Siddhartha College of Arts & Science, Department of CSE(DS) - Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with ExcelR Edtech Pvt. Ltd.	5 days
14	Prof. Raksha Naidu	Data Science Applications in Real World using Python	Department of Computer Engineering,Indira College of Engineering and Management,Pune	5 days
15	Dr. Deepak S. Uplaonkar	Deep Dive into Data Science & Machine Learning	Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune	5 Days
16	Prof.Poonam Deokar	Distributed Ledger Technology	Department of Artificial Intelligence & Data Science, Dr. D Y Patil Institute of Engineering and Management Research, Akurdi, Pune	7 Days
17	Prof.Poonam Deokar	"Mastering Salesforce Basics for CRM Success	Computer Department of Ajeenkya D Y Patil School of	5 Days



			Engineering, Lohegaon , Pune	
18	Prof.Poonam Deokar	Mastering Modern Deep Learning And Data Science	Department of Information Technology , Pimpri Chinchwad College of Engineering, Nigdi, Pune	7 Days
19	Prof.Poonam Deokar	Deep Dive into Data Science & Machine Learning	Department of Computer Engineering, PCET'S NMIET, Talegaon, Pune	5 Days
20	Prof.Lata Verma	Machine Learning	Department of Artificial Intelligence & Data Science, Dr. D Y Patil Institute of Engineering and Management Research, Akurdi, Pune	5 Days
21	Prof.Lata Verma	Blockchain Technology & It's Application	Computer Engineering Department, KJ College of Engineering and Management Research, Pune	6 Days
22	Prof.Lata Verma	Industry 5.0 for Society 5.0	Department of Electronics and Telecommunication Engineering Vishwakarma Institute of Information Technology, Pune	5 Days
23	Prof.Lata Verma	Data Science Applications in Real World using Python	Department of Computer Engineering, Indira	5 Days



			College of Engineering and Management, Pune	
24	Prof. Silkesha Thigale	SecureChainCityCoin: A convergence of BlockChain in Smart Cities	Department of Information Technology, Marathwada Mitral Mandal's College of Engineering, Karvenagar, Pune	5 Days
25	Prof. Silkesha Thigale	Data Science Applications in Real World using Python	Department of Computer Engineering, Indira College of Engineering and Management, Pune	5 Days
26	Prof. Silkesha Thigale	Innovative Practices in Teaching Learning	Department of Computer Engineering, Navsahyadri group of Institues, Bhore Pune	6 Days
27	Pallavi Yevale	Data Science Applications in Real World using Python	Department of Computer Engineering, Indira College of Engineering and Management, Pune	5 Days
28	Swati Jadhav	Innovative Practices in Teaching Learning Process	SND College of Engineering & RC, Babulgaon, Yeola	5 Days
29	Swati Jadhav	Industry 5.0 for Society 5.0	Department of Electronics and telecommunications Engineering, Vishwakarma Institute of Information Technology, Pune-48	5 Days
30	Swati Jadhav	Modelling and Simulation of	Automobile,	5 Days



		Electric Vehicles	Mechanical and Civil Dept., in association with SPPU, Pune & CADD Centre, Dhole Patil College of Engineering, Pune.	
31	Prof. Silkesha Thigale	National Intellectual Property Awareness Misson	Intelltecual Property Office , India	1 Day
32	Prof. Abhijeet sagare	National Intellectual Property Awareness Misson	Intelltecual Property Office , India	1 Day
33	Prof. Abhijeet sagare	GenAI and Prompt Engineering using Microsoft Copilot	P B Siddhartha College of Arts & Science, Department of CSE(DS) - Saraswati College of Engineering & CMR College of Engineering & Technology in Collaboration with ExcelR Edtech Pvt. Ltd.	5 Days
34	Prof.Shital Wadaganve	Mastering Modern Deep Learning And Data science	Department of Information Technology , Pimpri Chinchwad College of Engineering, Nigdi, Pune	5 days
35	Prof.Shital Wadaganve	Creator of metaverse AR VR	1 M 1 B	2 Days
36	Prof.Ashwini Jarali	"Geodata Processing using Python"	IIRS online course	5 Days
37	Prof.Ashwini Jarali	Android Developer	Educator Training Certificate	6 days

Any other information



Declaration by HOD:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date : 23/07/2024.

Dr. A. S. Shinde

Head of Department

Overall Observations /Remarks of the verification Committee:

A. Important deficiencies / weaknesses (not more than five)

- ① Research projects
- ② Patents IPR
- ③ Consulting work

B. Important strengths (not more than five)



- ① Dynamic & experienced faculty members
- ② Good Industry-Academia Association
- ③ 100% syllabus completion
- ④ Good results

C. Recommendations:

i)



ii)



iii)



(Signature & Names of Committee Members)





Hope Foundation's
International Institute of Information Technology (I²IT)
Internal Quality Assurance Cell

ACADEMIC AND ADMINISTRATIVE AUDIT

For ACADEMIC YEAR: 2023-24

(Provide information for Academic Year 2023-24)

Section I: Basic Information

1	Audit Date	11-07-2024
2	Name of Department	Information Technology
3	Head of Department	Dr. Jyoti Surve
4	Number of Full time teachers	Prof.: Nil Asso. Prof.: 02 Asst. Prof.: 14
5	Number of Technical Staff	02
6	Number of Student	SE: 140 TE: 137 BE: 73
7	Student Full Time Teacher Ratio	1:21

Section II: Curricular Aspects

➤ **Academic Planning**

Sr. No.	Particular	Yes / No	Remark(if any)
1	Departmental Academic Calendar	Yes	
2	Faculty Subject Choices	Yes	
3	Elective Choices from Students	Yes	
4	Course / Subject Distribution to Faculty	Yes	
5	All Time Tables	Yes	
6	Teaching plan & Laboratory plan	Yes	

- Participation of the department in the curriculum development for courses offered by the Affiliating University.

Sr. No.	Name of Faculty	Participated as	Course	Class
Nil				

- List of Elective Courses in Elective Course System conducted by department to final year students

Sr. No.	Name of Elective Course	Semester
1	Elective I: Design and Analysis of Algorithm (414445A)	TE IT (Sem I)
2	Elective III: Multimedia Technology (414444)	BE IT (Sem I)
3	Elective IV: Wireless Communications (414445)	BE IT (Sem I)
4	Elective II: Artificial Intelligence (314454A)	TE IT (Sem II)
5	Cloud Computing (314454C)	TE IT (Sem II)
6	Elective V: Social Computing (414451)	BE IT (Sem I)
7	Elective VI: Blockchain Technology (414452)	BE IT (Sem II)

- List of audit courses in CBCS system conducted by department

Sr. No.	Name of Audit Course	Class	Semester
1	Ethics and values in IT: 214450A	SE IT	I
2	Startup Ecosystems: 314450B	TE IT	I
3	Copyrights and Patents: 414449A	BE IT	I
4	Waste Management and Pollution Control: 214459C	SE IT	II
5	Green and Unconventional Energy: 314459A	TE IT	II
6	Cyber Laws and Use of Social Media: 414457B	BE IT	II

- List of value added/add-on courses conducted in department

Sr. No.	Name of Value Added/Add-on Course	Target Audience (FE/ SE / TE/ BE)	No of Students Participated
1	Fundamentals of Python	SE	130
2	Significance of Data Structures in IT Life	BE	58
3	Cyber Security bootcamp	TE	120
4	Full Stack Development	TE	90

Section III: Teaching Learning & Evaluation

➤ Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practicals as Per Syllabus	No. of Lectures/ Practical as per teaching plan / Lab Plan	No. of Lectures/ Practical Conducted
Semester I					
1	Discrete Mathematics	Prof. Namdev T. Mhetre	3 Hrs/Week	39	42
2	Logic Design and Computer Organization	Prof. Kanchan M. Bhale	3 Hrs/Week	39	36
3	Data Structures and Algorithms	Prof. Deepika Walanjkar	3 Hrs/Week	39(36+03)	37
4	Object Oriented Programming	Prof. Sarang Saoji	3 Hrs/Week	40(36+4CBS)	42(36+6CBS)
5	Basics of Computer Network	Prof. Ravindra Joshi	3 Hrs/Week	36(33+3CBS)	36(33+3CBS)
6	Logic Design Computer Organization -PR	Prof. Kanchan M. Bhale Prof. Kamna Sahu	2 Hrs/Week	20	20
7	Data Structures and Algorithms Lab-PR	Prof. Deepika Walanjkar/Prof. Sonal Kulkarni	4 Hrs/Week	42	38
8	Object Oriented Programming Lab- PR	Prof. Sarang Saoji	4 Hrs/Week	44	32
9	Soft Skill Lab	Prof. Vaidehi Banerjee	2 Hrs/Week	20	20
10	Discrete Mathematics	Prof. Namdev T. Mhetre	1 Hrs/Week	6	6
11	Discrete Mathematics	Prof. Namdev T. Mhetre	3 Hrs/Week	39	44
12	Logic Design and Computer Organization	Prof. Kanchan M. Bhale	3 Hrs/Week	39	36
13	Data Structures and Algorithms	Mr. Tambre Keshav	3 Hrs/Week	1	4
14	Object Oriented Programming	Prof. Sayali Sabale	3 Hrs/Week	36	38



15	Basics of Computer Network	Prof. Ravindra Joshi	3 Hrs/Week	31 (29+2 CBS)	31 (29+2 CBS)
16	Logic Design Computer Organization -PR	Prof. Kamna Sahu Prof. Kanchan M. Bhale	2 Hrs/Week	20	20
17	Data Structures and Algorithms Lab-PR	Mr. Tambre Keshav	4 Hrs/Week	32	26
18	Object Oriented Programming Lab- PR	Prof. Sayali Sabale	4 Hrs/Week	34	30
19	Soft Skill Lab	Prof. Vaidehi Banerjee	2 Hrs/Week	20	20
20	Theory of Computation	Prof.Sonal Kulkarni	3 Hrs/Week	36	34
21	Operating System	Dr. Bhavana Kanawade	3 Hrs/Week	36	37
22	Machine Learning	Prof.Sonali Patil	3 Hrs/Week	36	22+8+4
23	Human Computer Interaction	Mr. Deepak Kapase	3 Hrs/Week	36	37
24	Design and Analysis of Algorithm	Prof. Prashant Mandale	3 Hrs/Week	30	30
25	Operating Systems Lab-PR	Dr. Bhavana Kanawade	4 Hrs/Week	40	36
26	Human Computer Interaction- Lab-PR	Mr. Deepak Kapase	2 Hrs/Week	24	25
27	Laboratory Practice-I- PR	Prof.Sonali Patil	4 Hrs/Week	26	25
28	Theory of Computation	Prof.Sonal Kulkarni	3 Hrs/Week	36	36
29	Operating System	Prof. Prachi Nilekar	3 Hrs/Week	36	36
30	Machine Learning	Prof. Deepali Bhatnurkar	3 Hrs/Week	36	36
31	Human Computer Interaction	Prof.Monali Bansode	3 Hrs/Week	36	36
32	Design and Analysis of Algorithm	Prof. Prashant Mandale	3 Hrs/Week	36	37
33	Operating Systems Lab-PR	Prof. Prachi Nilekar	4 Hrs/Week	46	36
34	Human Computer Interaction- Lab-PR	Prof.Monali Bansode	2 Hrs/Week	16	18
35	Laboratory Practice-I- PR	Prof. Deepali Bhatnurkar Prof. Prashant Mandale	4 Hrs/Week	42	38
36	Information and Storege Retrieval	Prof.Kamna Sahu	3 Hrs/Week	38	36



37	Software Project management	Prof. Monali Bansode	3 Hrs/Week	37	36
38	Deep Learning	Dr.Jyoti Surve	3 Hrs/Week	36	36
39	Multimedia Technology (EL-III)	Prof. Prashant Mandale / Prof. Deepak Kapase	3 Hrs/Week	36	30
40	Wireless Communication (EL -IV)	Prof.Harshali Chaudhari	3 Hrs/Week	27	24
41	Lab Practice-III-PR	Prof. Kamna Sahu + Prof. Deepak Kapase	4 Hrs/Week	18	22
42	Lab Practice-IV- PR	Dr.Jyoti Surve	2 Hrs/Week	17	16
Semester II					
1	Processor Architecture	Prof. Kamna Sahu	3 Hrs/Week	39	34
2	Database Management System	Prof Tambre Keshav	3 Hrs/Week	36	33
3	Computer Graphics	Prof. Deepika Walanjkar	3 Hrs/Week	36	37
4	Software Engineering	Dr.Jyoti Surve/Mr.Girish Khilari	3 Hrs/Week	36	38
5	Programming Skill Development Lab -PR	Prof Harshali C. Prof. Kamna Sahu	2 Hrs/Week	25	21
6	Database Management System Lab-PR	Prof Tambre Keshav/Prof. Achala Deshpande	4 Hrs/Week	20	28
7	Computer Graphics Lab-PR	Prof. Deepika Walanjkar	2 Hrs/Week	24	22
8	Project Based Learning	Prof. Sonali Patil Dr.Jyoti Surve Prof. Monali Bansode	4 Hrs/Week	31	30
9	Processor Architecture	Prof. Kamna Sahu	3 Hrs/Week	39	33
10	Database Management System	Prof. Prachi Nilekar	3 Hrs/Week	37	38
11	Computer Graphics	Prof.Megha Mehar	3 Hrs/Week	36	32
12	Software Engineering	Dr.Jyoti Surve/Mr.Girish Khilari	3 Hrs/Week	36	40
13	Programming Skill Development Lab -PR	Prof. Kamna Sahu Prof.Harshali C.	2 Hrs/Week	25	21
14	Database Management System Lab-PR	Prof. Prachi Nilekar/ Prof. Achala D.	4 Hrs/Week	40	36



15	Computer Graphics Lab-PR	Prof.Megha Mehar	2 Hrs/Week	24	22
16	Project Based Learning	Prof. Prashant Mandale Dr.Jyoti Surve Prof.. Sarang Saoji Prof. Deepali Bhaturkar	4 Hrs/Week	32	30
17	Computer Networks & Security	Prof. Monali P. Deshmukh	3 Hrs/Week	36	34
18	Data Science & Big Data Analytics	Prof. Sonal Kulkarni	3 Hrs/Week	36	38
19	Web Application Development	Prof. Achala Deshpande	3 Hrs/Week	36	36
20	EL-II Cloud Computing	Prof. Deepali Bhaturkar	3 Hrs/Week	36	35
21	EL-II Artificial Intelligence	Prof. Sarang Saoji	3 Hrs/Week	36	34
22	Computer Network & Security-PR	Prof. Monali D/ Prof. Megha M	4 Hrs/Week	44	36
23	DS & BDA-PR	Prof. Sonal Kulkarni	2 Hrs/Week	29	18
24	Laboratory Practice-II-PR(WAD)	Prof. Achala Deshpande	4 Hrs/Week	30	20
25	Laboratory Practice-II-PR(WAD)	Prof. Sarang Saoji		24	16
26	Laboratory Practice-II-PR(WAD)	Prof. Deepali Bhaturkar		23	24
27	Computer Networks & Security	Prof. Kanchan Bhale	3 Hrs/Week	37	38
28	Data Science & Big Data Analytics	Prof. Prashant Mandale	3 Hrs/Week	36	33
29	Web Application Development	Prof.Monali Bansode	3 Hrs/Week	35	37
30	EL-II Cloud Computing	Prof. Deepali Bhaturkar	3 Hrs/Week	36	35
31	EL-II Artificial Intelligence	Prof. Sarang Saoji	3 Hrs/Week	36	34
32	Computer Network & Security-PR	Prof. Kanchan Bhale/ Prof. Deepika Walanjkar	4 Hrs/Week	43	35
33	DS & BDA-PR	Prof. Prashant Mandale	2 Hrs/Week	22	18
34	Laboratory Practice-II- PR (WAD)	Prof.Monali Bansode	4 Hrs/Week	22	18
35	Laboratory Practice-II- PR (AI)	Prof. Sarang Saoji		23	20



36	Laboratory Practice-II- PR (CC)	Prof. Deepali Bhaturkar		24	28
37	Distributed Systems	Prof. Harshali Chaudhari	3 Hrs/Week	39	36
38	Elective V (Social Computing)	Prof. Monali Deshmukh	3 Hrs/Week	36	32
39	Elective VI (Blockchain)	Prof. Sonali Patil	3 Hrs/Week	36	32
40	Startup & Entrepreneurship	Prof. Prashant Mandale	3 Hrs/Week	30	32
41	Laboratory Practice V	Dr. Bhavana K./Prof. Harchali C.	4 Hrs/Week	26	21
42	Laboratory Practice VI	Prof. Sonali Patil	2 Hrs/Week	26	20

➤ Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1	Prof.Sonal Kulkarni	Theory Of Computation/Data Science and Big data Analytics	Google Classroom
2	Prof.Harshali Chaudhari	Wireless Communications/Distributed Systems	Google Classroom
3	Prof.Sonali Patil	Machine Learning (TE)/Blockchain Technology (ELCT VI)	Google Classroom
4	Prof.Kanchan Bhale	LDCC/Computer Network and Security	Google Classroom
5	Prof Deepali Bhaturkar	Machine Learning (TE)/Cloud Computing (Elective II)	Google Classroom
6	Dr. Bhavana Kanawade	Operating System/Honors(Statistics and ML)	Google Classroom
7	Prof.Megha Mehar	OOP/Computer Graphics(CG)	Google Classroom
8	Prof. Prashant Mandale	DAA and LPI/DSBDA/SAE	Google Classroom
9	Dr.Jyoti Surve	Deep Learning/Software Engineering B	Google Classroom
10	Prof.Monali Bansode	Human Computer Interaction/SPM/Web Application Development	Google Classroom
12	Prof. Kamna Sahu	ISR/Processor Architecture	Google Classroom
13	Prof. Sarang Saoji	Object Oriented Programming/Artificial Intelligence	Google Classroom
14	Prof. Deepika Walanjkar	Data Structures and Algorithms/Computer Graphics(CG)	Google Classroom



➤ List of Expert Lecturers / Workshops Conducted

Sr. No.	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/ SE / TE/ BE)
1	Cloud Computing		5/10/2023	TE
2	Machine Learning	Mr. Tejas Rawal	07/10/2023	TE
3	Natural Language Processing for Marathi	Mr. Raviraj Joshi	15/09/2023	SE, TE, BE
4	Cloud Computing	Mr. Piyush Sonewar	08/04/2024	TE
5	Recent Advances in Deep Learning Techniques and its Applications	Mr. Yogesh Murumkar	06/04/2024	TE

➤ Activates for Slow and Advanced Learner

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes / No)	No. of Sessions Conducted for Slow Learners	Activates / Task Assigned for Advanced Learner
1	CG – 2019 SEIT (A)	Prof. Deepika Walunjkar	Yes	2	Assignments
2	PA- 2019 SEIT (A)	Prof. Kamna Sahu	Yes	5	Assignments
3	PA- 2019 SEIT (A)	Prof. Kamna Sahu	Yes	3	Assignments
4	CG – 2019 SEIT (B)	Prof. Megha Mehar	Yes	4	Assignments
5	DSBDA– 2019 TEIT (A)	Prof. Sonal Kulkarni	Yes	4	Assignments
6	CC– 2019 TEIT (A&B)	Prof. Deepali Bhatnurkar	Yes	4	Assignments
7	WAD– 2019 TEIT (A)	Prof. Achala Deshpande	Yes	2	Assignments



8	CNS- 2019 TEIT (A)	Prof. Monali Deshmukh	Yes	2	Assignments
9	CNS- 2019 TEIT (B)	Prof. Kanchan Bhale	Yes	2	Assignments
10	DSBDA- 2019 TEIT (B)	Prof. Prashant Mandale	Yes	2	Assignments
11	DSA- 2019 SEIT (A)	Prof. Deepika Walunjkar	Yes	2	Assignments
12	LDCO- 2019 SEIT (B)	Prof. Kanchan Bhale	Yes	2	Assignments
13	OOP- 2019 SEIT (B)	Prof. Sayali Sabale	Yes	3	Assignments
14	OS- 2019 TEIT (A)	Dr. Bhavana Kanawade	Yes	2	Assignments
15	DAA- 2019 TEIT (A)	Prof. Prashant Mandale	Yes	4	Assignments
16	TOC- 2019 TEIT (B)	Prof. Sonal Kulkarni	Yes	2	Assignments
17	ISR- 2019 BEIT	Prof. Kamna Sahu	Yes	4	Assignments
18	ML- 2019 TEIT (B)	Prof. Deepali Bhaturkar	Yes	4	Assignments



➤ **List of Bridge Courses Conducted**

Sr. No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
1	Data Structure and Algorithms	Prof. Deepika Walanjkar	SE	I
2	Data Structure and Algorithms	Prof. Keshav Tambre	SE	I
3	Logic Design and Computer Organization	Prof. Kanchan Bhale	SE	I
4	Operating System	Prof. Prachi Nilekar	TE	I
5	Machine Learning	Mr. Tejas Rawal	TE	I
6	ISR	Prof Kamna Sahu	BE	I
7	DAA	Prof. Prashant Mandale	TE	I
8	TOC	Prof. Sonal Kulkarni	TE	I
9	TOC	Prof. Sonal Kulkarni	TE	I
10	Operating System	Dr. Bhavana K.	TE	I
11	Wireless Communication	Prof. Harshali C.	BE	I
12	Blockchain Technology	Prof. Sonali P. and Rishabh Moharir	BE	II
13	Computer Graphics and Computer Graphics Lab	Prof. Deepika Walanjkar	SE	II
14	Cloud Computing TH+Lab	Mr. Piyush Sonawar	TE	II
15	Computer Network and Security	Prof. Kanchan Bhale	TE	II
16	Processor Architecture	Prof Kamna Sahu	SE	II
17	Data science and big data analytics	Prof. Sonal Kulkarni	TE	II
18	Computer Graphics and Computer Graphics Lab	Prof. Megha Mehar	SE	II
19	Web Application Development	Prof. Achala Deshpande	TE	II
20	DSBDA	Prof. Prashant Mandale	TE	II
21	Distributed Systems	Prof. Harshali C. Chaudhari.	BE	II
22	Computer Network and Security	Prof. Monali Deshmukh	TE	II
23	Database Management System	Prof. Prachi Nilekar	SE	II



➤ **Counseling and Mentoring**

Sr. No.	Particular	Yes / No	Remark (if any)
1	Mentor Allocation	Yes	
2	Class-wise Student Profile Records maintained	No	
3	Mentor-Mentee Session Record maintained	Yes	
No. of Students in Department	No. of Full Teachers in Department	Mentor-Mentee Ratio	
350	18	1:25	

➤ **Internal Evaluation System**

Sr. No.	Particular	Yes / No	Remark (if any)
1	Continuous Evaluation Record	Yes	Blue book
2	Mock Online Exam Record	No	
3	Unit test / Class Test Record	Yes	
4	Prelim Exam Record	No	
5	Mock Oral Practical Record	Yes	
6	Seminar / Project Review Record	Yes	
7	Term Work Marks Record	Yes	Course File

➤ **Learning Outcome**

Sr. No.	Particular	Yes / No	Remark (if any)
1	PO, PSO, CO are well stated	Yes	
2	Correlation of COs in PSOs and POs	Yes	
3	Course Outcome attainment calculated	Yes	
4	Program Specific Outcome & Program Outcome attainment through course outcome calculated	Yes	

➤ **Student Performance in University Exam**

☐ **Semester I**

Sr. No.	Particular	SE	TE	BE
1	Number of students appeared	140	134	73
2	Number of All Clear Students	99	118	71



3	Number of students passed with distinction	51	84	57
4	Number of students passed with first class	30	24	13
5	Number of students passed with higher second class	11	8	1
6	Number of students passed with second class	7	2	0
7	Number of Students Failed	41	16	2
8	Passing Percentage	71%	88%	97.26%

☐ Semester II

Sr. No.	Particular	SE	TE	BE
1	Number of Students Appeared	140	137	73
2	Number of All Clear Students	118	133	72
3	Number of students passed with distinction	69	106	69
4	Number of students passed with first class	31	20	3
5	Number of students passed with higher second class	7	3	0
6	Number of students passed with second class	2	2	0
7	Number of Students Failed	22	4	1
8	Passing Percentage	78%	96%	98.63%



➤ Remedial Coaching

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
Nil				

Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark (if any)
1	Student feedback on teaching learning conducted & analysed	Yes	
2	Parent Meet / Parent Feedback conducted & analysed	Yes	
3	Student exit survey conducted & analysed	Yes	
4	Alumni feedback conducted & analysed	Yes	

Section V: Research, Innovation, Publication

➤ Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
Nil					

➤ Faculty Publications

Number of Publication in National Journals	NIL
Number of Publication in International Journals	11
Number of Publication in National Conferences	1
Number of Publication in International Conferences	1

☐ National Journal

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
Nil				



☐ International Journal

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
1	Breast Tumor Segmentation Using Advanced UNet with Saliency, Channel, and Spatial Attention Models	Dr. Jyoti Surve	Journal of Electrical Systems (JES)	ISSN: 1112-5209 Issue : 20-1s(2024):488 -497
2	AI-Enhanced Digital Forensics: Automated Techniques for Efficient Investigation and Evidence Collection	Prof. Prashant Mandale	Scopus: Journal of Electrical Systems (JES)	1112-5209
3	Explainable AI for Adversarial Machine Learning: Enhancing Transparency and Trust in Cyber Security	Prof. Deepali Bhatnurkar	Scopus: Journal of Electrical Systems (JES)	1112-5209
4	"Food Calorie Estimation Using Deep Learning	Prof. Kamna Sahu	ALOCHANA JOURNAL	ISSN NO:2231-6329
5	Drive 3.0: Blockchain File Sharing Application	Prof. Deepika Walanjkar	ALOCHANA JOURNAL	ISSN NO:2231-6329
6	Real Time Driver Drowsiness Detection and Alert System	Prof. Kanchan Bhale	ALOCHANA JOURNAL	ISSN NO:2231-6329
7	An Android Application for Detection and Collection of Solid Waste	Prof. Kanchan Bhale	ALOCHANA JOURNAL	ISSN NO:2231-6329
8	EventHorizon	Prof. Sonal Kulkarni	ALOCHANA JOURNAL	ISSN NO:2231-6329
9	PATIENT-CENTERED MEDICAL RECORD WEBSITE WITH COUNTERFEIT MEDICINE AND PRESCRIPTION FRAUD PREVENTION	Prof. Monali B	International Research Journal of Modernization in Engineering Technology and Science	e-ISSN: 2582-5208
10	Documentation management system and PDF Chat:An Integrated Approach	Prachi Nilekar	ALOCHANA JOURNAL	ISSN NO:2231-6329
11	Online Book Store using Smart Devops with Open AI (DORA)	Prof. Deepali Bhatnurkar	ALOCHANA JOURNAL	ISSN: 1548-7741



☐ **National Conference**

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
1	Recent trend engineering and Technology	Prof. Sonali Patil	IETE NTPC PRECON-2024	A hybrid mode national conference IETE NTPCPREC CON-2024		

☐ **International Conference**

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
1	Modern Text Summarization using Pegasus and BART	Dr. Bhavana K.	ICTACT-2024	International conference on recent trends and advancements in computing technologies		

☐ **Books / Book Chapters**

Sr. No	Title of the book/chapters published	Name of the author/s	ISBN/ISSN number	Publisher
Nil				



Section VI: Collaborations & Linkages

➤ Student Internships:

Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute /	Duration
		Partnering Institution	
1	Toshal Chaudhari	UpperThrust Technologies	26
2	Miheer Deolalikar	EduSkill	4
3	Vaibhav Deshmukh	EduSkill	4
4	Vaibhav Devkate	Pralhad P. Chhabria Research Center (PPCRC)	26
5	Ganesh Dhumal	TourSoft	35
6	Atharv Divekar	Pralhad P. Chhabria Research Center (PPCRC)	21
7	Vishal Hivarale	Intern labs	12
8	Janhavi Kumbhar	Sociante Pvt Ltd	60
9	Sidharth Kumthekar	Reblue Ventures	24
10	Om Maind	Lifetrans Software Pvt. Ltd.	24
11	Pritish Rajpurohit	Tata Motors Limited	16
12	Sailee Choudhari	Hanker Analytics	12
13	Tejas Shinde	Bynry Technologies	26
14	Hasnain Viraney	Equitec technology	20
15	Akansa Waghole	Cloudside Technologies	52
16	Datta Zarikar	EduSkill	4
17	Omkar Aher	Intern Labs	8



18	Atharva Awachare	Soluxction Space LLP	4
19	Mandira Barve	EduSkill	4
20	Ruthvij Bendale	Mooney Thermorub	4
21	Sahil Bhavsar	KNEO Automation Pvt. Ltd.	9
22	Yash Bhise	EduSkill	4
23	Mahadev Bhosale	EduSkill	4
24	Chinmay Boddawar	EduSkill	4
25	Srushti Bonde	NullClass Edutech pct ltd	9
26	Deepak Chand	Ceinsys Tech Limited	8
27	Om Chaudhary	Prodigy infotech	4
28	Tejas Choudhari	EduSkill	4
29	Sudhanshu Deoghare	EduSkill	4
30	Ajinkya Deshmukh	Soluxction Space LLP	12
31	Mithilesh Deshmukh	Soluxction Space LLT	12
32	Vidula Diwate	PPCRC	8-12 weeks
33	Shubhange Dubey	Simply Compete Info Solutions Pvt.Ltd	4
34	Aditya Gade	Null Class	8
35	Abhay Gangawane	Bharat intern	8
36	Anish Gaware	EduSkill	4
37	Dhruv Gidwani	SBS	12
38	Aniket Gite	Soluxction Space LLP	12
39	Pranjal Gujar	Internpe	4
40	Tanvi Hardikar	EduSkill	4
41	Deep Isane	EduSkill	4



42	Adwait Jadhav	Gagahealth	12
43	Divya Jagtap	NikxIT Technology	25
44	Pranav Jawale	EduSkill	4
45	SWANAND JOSHI	NULL Class pvt. Ltd	6
46	Pradnya Kamble	Soluxction Space LLP	12
47	Vishvajeet Khatal	EduSkill	4
48	Arya Vilas Tandale	Intern labs	15
49	Krushna Sonawane	EduSkill	4
50	Dhanashri Ghadage	EduSkill	4
51	Mrunali Rangankar	EduSkill	4
52	Prajakta Supugade	EduSkill	4
53	Sanika Almale	sudoku codeclause pvt ltd	4
54	Avnish Kshirsagar	EduSkill	4
55	Abhishek Kulkarni	EduSkill	4
56	Akshada Kusalkar	EduSkill	4
57	Airaf Lohar	EduSkill	4
58	Smita Mane	EduSkill	4
59	Manish Modak	EduSkill	4
60	Aman Mujawar	acmgrade	6
61	Aman Munjewar	EduSkill	4
62	Om Nichal	EduSills	10
63	Nameet Pandit	EduSkill	4
64	Aniket Pardeshi	EduSkill	4
65	Aditya Patil	EduSkill	4



66	Prathamesh Patil	EduSkill	4
67	Asmita Pawar	EduSkill	4
68	Krishna Pensalwar	EduSkill	4
69	Shantanu Pimpale	Internlabs	8
70	Siddharth Pitre	EduSkill	4
71	siddhi rawool	EduSkill	4
72	Kshipra Sakhare	EduSkill	4
73	Renita Sebastian	EduSkill	4
74	Aman Shaikh	EduSkill	4
75	Shruti Shinde	QDTAS	13
76	Somya Sikarwar	EduSkill	4
77	Sahil Solanke	Eduskills	10
78	Onkar Sumbe	InternKaksha IT Solutions	8
79	Aanchal Takhtar	EduSkill	4
80	Sahil Tambe	EduSkill	4
81	Devansh Thaliya	Aipowr	8
82	Manthan Titarmare	Green Shark Enterprises	8
83	Pooja Ukade	EduSkill	4
84	Raj Waghmare	EduSkill	4
85	Rohit Tayade	EduSkill	4
86	Rucha Gurubas Khankre	EduSkill	4
87	Divyanshu Giri	EduSkill	4
88	Abhishek Gaikwad	EduSkill	4



89	Namya Agrawal	IBM	12
90	Navnit Amrutharaj	Google	2
91	Priyanshu Bakare	EduSkill	4
92	Siddhant Battalwar	EduSkill	4
93	Pranit Bhandare	EduSkill	4
94	Anuja Bhingardive	EduSkill	4
95	Prathamesh Bhokare	Bharat forge	8
96	Shravani Bhosale	EduSkill	4
97	Aditya Bodewar	Soluxction Space LLP	12
98	Mohak Borole	EduSkill	4
99	Saniya Chaskar	EduSkill	4
100	Shivanjali Dange	XDE Studios	13
101	Aditya Deshmukh	EduSkill	4
102	Harshad Deshmukh	Soluxction Space LLP	12
103	Shruti Deshmukh	Nullclass	8
104	Bhagyashri Domb	Soluxction Space LLP	12
105	Prajwal Ekhande	Soluxction Space LLP	12
106	Mayuri Anil Ganore	BHAI	12
107	Vaishnavi Gerange	Null class private limited	10
108	ADITYA GITE	EduSkill	4
109	Tejas Gole	EduSkill	4
110	Mrinmayi Hankare	EduSkill	4
111	Siddhi Hase	EduSkill	4
112	Aditya Jadhav	EduSkill	4



113	Pranit Jadhav	EduSkill	4
114	Rushikesh Jamnekar	EduSkill	4
115	Deepak Joshi	Soluxction Space LLP	12
116	Kesari Kadam	Soluxction space LLP	12
117	Tushar Kamble	EduSkill	4
118	Sakshi Bide	EduSkill	4
119	Minal Bhajibhakre	EduSkill	4
120	Neha Wadile	Internlabs	6
121	Pranali Swami	yhills	6
122	Vaibhav pawar	LLWInfotech	6
123	Saba Attar	EduSkill	4
124	Kunal Kudande	EduSkill	4
125	Srushti Kulkarni	EduSkill	4
126	Siddhesh Kumbhar	The Notary App	8
127	Tanmay Limje	EduSkill	4
128	Narendra Malpure	EduSkill	4
129	Mrunal Mokhare	EduSkill	4
130	Neha Mundase	BirdVision Consulting	13
131	Arya narale	EduSkill	4
132	Dharmendra Pandit	EduSkill	4
133	Jayesh Parate	EduSkill	4
134	Anurag Patil	EduSkill	4
135	Sanika Patil	EduSkill	4
136	Suyog Pawar	EduSkill	4



137	Sunandan Phalke	EduSkill	4
138	Atharva Pisal	EduSkill	4
139	Sudarshan Rawate	Intern lab	12
140	Swapnil Sawant	EduSkill	4
141	Aakanksha Sachin Shahane	EduSkill	4
142	Ashfaq Shaikh	EduSkill	4
143	Sanskriti Singh	EduSkill	4
144	PRATIK SONAWANE	EduSkill	4
145	Yash suryawanshi	EduSkill	4
146	Dhanshree Talokar	EduSkill	4
147	Shivam Tavaskar	EduSkill	4
148	Vaidish Thosar	EduSkill	4
149	Aditya tope	EduSkill	4
150	Milonee Vyas	EduSkill	4
151	Dewansh Pillare	EduSkill	4
152	Isha Vetal	EduSkill	4
153	Vaibhav Patil	EduSkill	4
154	Nageshwar Bedge	EduSkill	4
155	Vivek Parab	EduSkill	4
156	Kalash Malge	EduSkill	4
157	Nikita Machindra Avhad	EduSkill	4
158	Atharva Gondhale	EduSkill	4



159	Atharva Hegade	EduSkill	4
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➤ **Sponsored Projects**

Sr. No.	Project Title	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution
1	Vehicle number plate identification using Deep Learning technique	Tina Verma Janhavi Kumbhar Prajwal Tulawe Mrinmayee Joshi Shubham Masang	S O C I A N T E ,Pune
2	Design and Setup highly scalable microservice application in AWS	Mansi Badnapurkar Mansi Mengde Prayukta Kulkarni	CovaTech Labs,Pune
3	OTA update and Device Management Dashboard for Noccarc V730i .	Poorvaditya Behre Prajakta Vaishnav Akansha Waghole Ankita Bharti	Noccarc Robotics Pvt Ltd ,Pune
4	Role based access control and Documentation Management System	Vaibhav Devkate Atharv Divekar Prasad Hulmukhe Om Randhire	PPCRC ,Pune

➤ **Industrial Visits**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1	GMRT, Pune	28/02/2024	34
2	BHEL ,Hyderabad	08/01/2024	49
3	CSIR-CCMB Hyderabad	10/01/2024	49
4	IIT Bombay TechFest	28/12/2023	32



➤ **Functional Memorandum of Understanding (MoU)**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of commencement	Duration
1	Sociante	2023	5 Years
2	Primus Techsystems Private Ltd., Pune	2022	
3	Intern Lab	2021	
4	Bharat Soft Solutions Pvt. Ltd., Pune	2020	
5	Numplorer Fintech, Pune	2019	
6	Sagveek Technologies Ltd., Pune	2019	
7	PS IT Solutions Pune	2019	
8	miTu Skillologies, Pune	2017	

Section VII: Student Progression

➤ **Placements**

Sr. No.	Name of Students	Name of Company
1	Avishkar Anil Patil	Elastic Run
2	Chaitanya Vikas Shinde	Elastic Run
3	Ashish Mundhe	Oracle
4	Praj Bhagat	Oracle
5	Soumya Bethi	Oracle
6	Tejas Koli	Oracle
7	Manasi Pawar	Persistent Systems
8	Pradnya Kondubhairi	Persistent Systems
9	Ayush Bendale	Allied Softech
10	Pritish Rajpurohit	Bajaj Allianz



11	Anuja Kotkar	Aarogya Aadhar
12	Ajinkya Nangare	Aarogya Aadhar
13	Ganesh Dhumal	Aarogya Aadhar
14	Akanksha Waghote	Cloudside
15	Rishabh Moharir	Predoole Analytics
16	Ananyapranav Tamayachekar	Hanker Analytics
17	Om Maind	Fusion Practices Technologies
18	Poorvaditya Behere	Noccarc
19	Anuj Nemanwar	TCS
20	Anuja Kotkar	TCS
21	Datta Zarikar	TCS
22	Harichandana C	TCS
23	Ajinkya Nangare	TCS
24	Pranit Zod	TCS
25	Prayukta Kulkarni	TCS
26	Priyanshu Gupta	TCS
27	Atharvashirsh T	TCS
28	Ganesh Dhumal	TCS

➤ **Higher Education**

Sr. No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
1	Siddharth Hiraou	University at Buffalo	Master of Science in Engineering Science with a course focus In data Science
2	Heramb Jaipurkar	University of Dayton	Computer Science-MS



3	Mansi Mengde	California State University Long Beach	Information Systems MS E program for Fall 2024
4	Sailee Chaudhari	Northeastern University College of engineering	Master of Science Data Analytics Engineering program in the college of engineering

Section VIII Activity Conducted / Organized by Department

➤ Technical Event / Workshop for Students

Sr. No.	Name of Event / Workshop	Organized under (Department / Student Association / Profession Chapter / Student Club)	Date of Event	Level (University / State/ National / International)	No. Of Participants
1	Internship Odyssey: Sailing through Internship	ACM	31-08-2023	University	150
2	Embark on Career Odyssey		14-10-2023	University	120
3	Building Blocks of AI, ML and Data Science		16-02-2024	University	180
4	Startup-Surge 2024		13-04-2024	National	250
5	Data Analytics : Roadmap to a Rewarding Career	GDSC	14/10/2023	Institute	316 (All dept)
6	GDSC Know Your Domain Session(SE)		24-8-2023		172 (All dept)
7	GDSC INFO Session FE		22-8-2023		200 (All dept)



8	"Google Cloud Study Jams"		Whole month of September		187 (All dept)
9	Exploring data analytics		10/10/2023		60 (All dept)
10	GDSC Community Connect		29/8/2023		70 (All dept)
11	Blockchain		20/02/2024 - 23-02-2024		30 (All dept)
12	Android Study Jams		23/01/2024		33 (All dept)
13	GDSC Machine Learning Study Jams		22/01.2024 - 07/03/2024		40 (All dept)

➤ **FDP / Workshop/ STTP/ Conference for faculty**

Sr. No.	Name of Event / Workshop	Date of Event	Level (University / State/ National / International)	No. of Participants
Nil				

Section IX: Achievements

➤ **Awards and Prizes received by students**

Sr. No.	Name of Student	Event Name / Details	Organized by	Achievement / Position / Prize
Nil				

➤ **Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies**

Sr. No.	Name of Faculty	Members of committees at University level / State level /International Level as
1	Dr. Jyoti Surve	University Level
2	Prof.Prashant Mandale	University Level



➤ **Details of teachers appointed/ Nominated on Editorial Boards / Reviewers**

Sr. No.	Name of Faculty	Name of Editorial Boards/ Conference
1	Prof Sonali Patil	3rd International Conference on Advanced Computing Technologies and Applications 2023 (ICACTA) (Reviewer)
2	Dr. Bhavana Kanawade	Knowledge and Information Systems in AY 2023-24 (Reviewer)
3	Dr. Bhavana Kanawade	PeerJ Computer Science in AY 2023-24 (Reviewer)
4	Dr. Bhavana Kanawade	Scientific Reports in AY 2023-24. (Reviewer)
5	Dr. Bhavana Kanawade	Scientific Reports in AY 2023-24. (Reviewer)
6	Dr. Bhavana Kanawade	“Emerging Smart Computing & Informatics” (IEEE ESCI-2024) (Reviewer)
7	Dr. Bhavana Kanawade	International conference on recent trends and advancements in computing technologies (ICRTACT - 2024) (Reviewer)
8	Prof. Prashant Mandale	IJATEE is a Scopus indexed Journal (Reviewer)

➤ **Awards / Prizes and recognitions received by teachers at university, state, national and international level:**

Sr. No.	Name of Faculty	Name of Award
1	Prof. Sonali Patil	Best Paper award in 3rd International Conference on Advanced Computing Technologies and Applications
2	Prof Sonali Patil	Awarded for recognizing as one of the best teams in the idea pitching session in innovation design and entrepreneurship Bootcamp at Karnavati University Ahmedabad organized by Ministry of



		Educations Innovation Cells (MIC) and All India Council for Technical Education.
3	Prof Sonali Patil	Awarded for exceptional contribution as a Mentor in Grand Finale competition at SIH Bhubaneswar 2023

➤ **Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.**

Sr. No.	Name of Faculty	FDP/STTP/Workshop/ Conference Title	Organized by	Duration (in days / weeks)
1	Prof. Kamna Sahu	Online STTP on "Data Science for Business"	Department of AI & DS VIIT PUNE	5 days
2	Prof. Kamna Sahu	Global Testing Retreat	Global Testing Retreat ATAGTR2023	5 Days
3	Prof. Kamna Sahu	online STTP approved by ISTE on "Advanced Tools, Emerging Trends and Techniques for Research Methodology"	SKNSITS, Lonavala,	5 Days
4	Prof. Bhavana K	Educator Training Certificate	International Institute of Information Technology	5 Days
5	Prof.Sonali Patil	3rd International Conference on Advanced Computing Technologies and Applications	SVKM's Dwarkadas J. Sanghvi College of Engineering.	2
6	Prof. Deepak Kapase	Online FDP on "Data Science for Business"	Department of AI & DS VIIT PUNE	5 days
7	Prof. Deepak Kapase	Online FDP on "Deep Learning for NLP and Computer Vision"	Chaitanya Bharti Institute of Technology, Bangalore and ExcelR Solutions	15 days
8	Prof. Deepak Kapase	Online FDP on "For AI in Fashion Design"	BVICAM, New Delhi	1 day
9	Prof. Deepak Kapase	Online FDP on "NLP and ChatGPT Applications"	SECAB Institute of Engineering &	5 days



			Technology, Vijayapura	
10	Prof. Deepak Kapase	Online FDP on "ChatGPT And Generative AI"	ExcelR Solutions, Hyderabad	6 days
11	Prof. Deepika Walanjkar	Online workshop on "Introduction to Language Models"	NPTEL	5 days
12	Prof. Deepika Walanjkar	Online STTP on "Blockchain Technology & its Applications"	K J College of Engineering and Management Research	6 days
13	Prof. Deepika Walanjkar	Online STTP on "Data Science for Business"	Society for Data Science	5 days
14	Prof. Kanchan Bhale	EduSkills Palo Alto Cyber Security Certification	EduSkill Palo Alto Academy	5 days
15	Prof. Achala D	online STTP approved by ISTE on "Advanced Tools, Emerging Trends and Techniques for Research Methodology"	SKNSITS, Lonavala,	5 Days
16	Prof. Harshali CH.	AI in education: Adaptive Learning & Personalization	DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	5 DAYS
17	Prof. Harshali CH.	"Distributed Ledger Technology"	DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	7 DAYS
18	Prof. Monali B	National Level Faculty Development Program On "Devops"	Army Institute of Technology Pune	2 weeks
19	Prof Deepali B	National Level Faculty Development Program On "Devops"	Army Institute of Technology Pune	2 weeks
20	Prof Megha M	"Distributed Ledger Technology"	DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	7 DAYS
21	Prof Megha M	AI in education: Adaptive	DR. D. Y. PATIL	5 DAYS



		Learning & Personalization	INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	
22	Prof. Sonal K	AI in education: Adaptive Learning & Personalization	DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	5 DAYS
23	Prof. Sonal K	"Distributed Ledger Technology"	DR. D. Y. PATIL INSTITUTE OF ENGINEERING, MANAGEMENT & RESEARCH	7 DAYS
24	Prof. Prachi N	FDP on "Blockchain Technology & its Applications"	KJ College of Engineering and Management Research, Pune-48,	5 Days
25	Prof. Prachi N	Global Testing Retreat	Global Testing Retreat ATAGTR2023	5 Days
26	Prof. Prachi N	Workshop on Introduction to Language Model	NPTEL IIT Madras	5 Days
27	Prof. Prachi N	AI in education: Adaptive Learning & Personalization	Dr. D.Y.Patil Institute of Engineering, Management and Research Akurdi,	5 Days
28	Prof Deepali B	FDP on Cloud Infrastructure (AWS)	Department of Computer Engineering, Trinity College of Engineering & Research, Pune.	5 days
29	Prof Deepali B	Unlocking the Data Visualization on Power BI	Ajeenkya DY Patil School of Engineering Pune	5 Days
30	Prof Deepali B	Current Practices , Research trends in ML and DL.	Sinhgad Academy of Engineering , Kondhwa Pune	5 Days
31	Prof. Prashant Mandale	National Level Faculty Development Program On	Army Institute of Technology Pune	2 weeks



		"Devops"		
32	Prof. Prashant Mandale	"DATA VISUALIZATION TOOLS USING R, POWER BAND T A B L E A U "	Mahatma Gandhi Institute of Technology	5 Days
33	Prof. Prashant Mandale	Unlocking the Data Visualization on Power BI	Ajeenkya DY Patil School of Engineering Pune	5 Days
34	Prof. Prashant Mandale	FDP on AI & Cloud: Workshop on responsive AI in the cloud: Leveraging Generative power in the Cloud	TechSaksham	5 Days
35	Prof. Prashant Mandale	FDP On Recent Trends computing 3.0	VIT Pune	5 Days
36	Prof. Prashant Mandale	FDP On Deep Learning for NLP and Computer Vision	Chaitanya Bharti Institute of Technology	18 Days
37	Prof. Prashant Mandale	Online STTP Data Science on Business	VIIT Pune	5 Days
38	Prof. Prashant Mandale	Global Testing Retreat	Tietoevry & I2IT	4 Days
39	Dr. Jyoti Vishwas Surve	Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 Days
40	Dr. Jyoti Vishwas Surve	FDP On "Next Generation AI"	Vishwakarma Institute of Information Technology Pune	5 Days
41	Dr. Jyoti Vishwas Surve	2 Days workshop in phase 1 of the creator of Meta verses faculty development program	I Square IT Pune	2 Days
42	Dr. Bhavana Kanawade	"Emerging Smart Computing & Informatics" (IEEE ESCI-2024)	AISSMS, IOIT, Pune.	3 Days
43	Prof. Kamna Sahu	"Mastering Modern Deep Learning And Data Science"	Pimpri Chinchwad College of Engineering, Nigdi, Pune	7 Days



44	Prof. Kamna Sahu	Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 Days
45	Prof. Kamna Sahu	ElectiveV: Software Development for Portable Devices”	JSPM, Narhe Technical Campus Department of Computer Engineering	1 Day
46	Prof. Kamna Sahu	Designing Course outcomes and outcomes focused questions	Inpod	1 Day
47	Prof. Kamna Sahu	FDP on “Secure Chain City Coin: A Convergence of Blockchain in Smart Cities”	Marathwada MitraMandal's College of Engineering, Karve Nagar, Pune	5 days
48	Prof. Kamna Sahu	Celonis Academy Certificate	EduSkill Palo Alto Academy	7 Days
49	Prof. Kamna Sahu	GENERATIVE AI USING CHATGPT	Indira college of Engineering and Management Pune	5 days
50	Prof. Kanchan Bhale	Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 days
51	Prof. Harshali C	GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 days
52	Prof. Harshali C	DATA SCIENCE APPLICATIONS IN REAL WORLD USING PYTHON	Indira college of Engineering and Management Pune	5 DAYS
53	Prof. Achala D	ElectiveV: Software Development for Portable Devices”	JSPM, Narhe Technical Campus Department of Computer Engineering	1 Day
54	Prof. Achala D	GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 days
55	Prof. Achala D	“SecureChainCityCoin: A Convergence of	Marathwada MitraMandal's	5 days



		Blockchain in Smart Cities”	College of Engineering, Karve Nagar, Pune	
56	Prof Deepika W	Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 Days
57	Prof Deepika W	2 Days workshop in phase 1 of the creator of Meta verses faculty development program	I Square IT Pune	2 Days
58	Prof Deepika W	A Step by step guide to write a good research paper	MKES Khandwala College Mumbai	10 Days
59	Prof. Prachi N	FDP on “SecureChainCityCoin: A Convergence of Blockchain in Smart Cities”	Marathwada MitraMandal's College of Engineering, Karve Nagar, Pune	5 days
60	Prof. Prachi N	Designing Course outcomes and outcomes focused questions	Inpod	1 Day
61	Prof Monali B	Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 Days
62	Prof Megha M	Online Faculty Development Programme on GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 Days
63	Prof Megha M	“Mastering Modern Deep Learning And Data Science”	Pimpri Chinchwad College of Engineering, Nigdi, Pune	7 Days
64	Prof. Sharda Thete	FDP on “Secure Chain CityCoin: A Convergence of Blockchain in Smart Cities”	Marathwada MitraMandal's College of Engineering, Karve Nagar, Pune	5 days
65	Prof. Sharda Thete	DATA SCIENCE	Indira college of	5 DAYS



		APPLICATIONS IN REAL WORLD USING PYTHON	Engineering and Management Pune	
66	Prof.Sonali Patil	FDP on “Secure Chain CityCoin: A Convergence of Blockchain in Smart Cities”	Marathwada MitraMandal's College of Engineering, Karve Nagar, Pune	5 days
67	Prof. Sonal K	GENERATIVE AI USING CHATGPT	AISSMS, IOIT, Pune.	5 days
68	Prof. Sonal K	DATA SCIENCE APPLICATIONS IN REAL WORLD USING PYTHON	Indira college of Engineering and Management Pune	5 DAYS
69	Prof. Sarang Saoji	FDP on “Secure Chain City Coin: A Convergence of Blockchain in Smart Cities”	Marathwada MitraMandal's College of Engineering, Karve Nagar, Pune	5 days
70	Prof. Prashant Mandale	DATA SCIENCE APPLICATIONS IN REAL WORLD USING PYTHON	Indira college of Engineering and Management Pune	5 DAYS
71	Prof. Prashant Mandale	AWS Cloud Foundations	AWS Academy	20 Hours
72	Prof. Kanchan Bhale	NBA Accreditation and Teaching and Learning in Engineering (NATE)	NPTEL	12 weeks
73	Prof. Kamna Sahu	Python for Data Science & Machine Learning Bootcamp	Udemy	25 Hours
74	Prof. Kamna Sahu	Data Science Foundation	Great Learning	1 Day
75	Prof. Sonal Kulkarni	Specialize in QA Manual Testing	Udemy	10.5 Hours
76	Prof. Sayali S	The Complete Python Bootcamp from zero to hero in Python	Udemy	22 Hours
77	Prof. Monali B.	The Ultimate React Course 2023: React, Redux & More	Udemy	67 Hours



Any other information

Declaration by HOD:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date : 11/07/24


Head of Department

Overall Observations /Remarks of the verification Committee:

A. Important deficiencies / weaknesses (not more than five)

1. Fewer value-added courses and guest lectures were observed.
2. Less number of Patents and IPRs were published

B. Important strengths (not more than five)

1. Consultancy activities through MOU partners have generated Rs. ₹5000/-.



2. The transition from online to offline mode did not impact student performance in the end-semester all-clear result.

3. More industrial visits were conducted to enhance industry-institute interaction.

c. Recommendations:

1. More value-added and expert guest lectures should be implemented in the next academic year.

2. More sponsored projects should be targeted in the next academic year.

3. The conduction of FDPs is highly recommended for next academic year.

i)

SSM
11/7/24

ii)

Prig
Prof. Ravindra Joshi

iii)

Val
Dr. Vaishali Padil

(Signature & Names of Committee Members)

iv) R

Shir



1. More value added and export-growth factors
2. The government should attempt to create
more and not restrict export incentives
to the self-sufficient all-year round
3. More investment which is more oriented to
export industries
4. More value added and export-growth factors
5. More investment in the export-growth sector

6. More export-oriented projects should be targeted in the next
development plan
7. The conclusion of the report is highly recommended
for next development plan

Dr. [Signature]
Prof. [Signature]
Dr. [Signature]





Hope Foundation's
International Institute of Information Technology

P-14, Rajiv Gandhi Infotech Park, Phase – 1, Hinjawadi, Pune – 411057

Internal Quality Assurance Cell

ACADEMIC AND ADMINISTRATIVE AUDIT

For ACADEMIC YEAR: 2023-24

Section I: Basic Information

1	Audit Date	11.07.2024
2	Name of Department	Electronics and Telecommunication
3	Head of Department	Dr. S M M Naidu
4	Number of Full time teachers	Prof. 01 (Principal) Asso. Prof. 04 Asst. Prof. 08
5	Number of Technical Staff	02
6	Number of Student	SE : 72 TE : 72 BE: 76
7	Student Full Time Teacher Ratio	17

Section II: Curricular Aspects

➤ **Academic Planning**

Sr. No.	Particular	Yes / No	Remark(if any)
1	Departmental Academic Calendar	Yes	--
2	Faculty Subject Choices	Yes	--
3	Elective Choices from Students	Yes	--
4	Course / Subject Distribution to Faculty	Yes	--
5	All Time Tables	Yes	--
6	Teaching plan & Laboratory plan	Yes	--

➤ **Participation of the department in the curriculum development for courses offered by the Affiliating University.**

Sr. No.	Name of Faculty	Participated as	Course	Class
01	Dr. Varsha Degaonkar	Subject Chairman	Data Structures 2019 Pattern	SE E&TC
02	Dr. Varsha Degaonkar	Paper Setting	FJP-Elex	TE E&TC
03	Dr. Varsha Degaonkar	Paper Setting	FJP-EnTC	TE E&TC
04	Dr. Varsha Degaonkar	Paper Setting	(ELECTIVE - V) Automotive Electronics Paper-(ELECTIVE - V) Automotive Electronics (404211 D) , SEM VIII	BE E&TC

05	Prof. Anjali A. Jagtap	Examinar	Database Management (TE 2019) Oral	TE E&TC
06	Prof. Anjali A. Jagtap	Examinar	Database Management (TE 2019) Theory	TE E&TC
07	Dr. Varsha Degaonkar	Subject Chairman	Data Structures	SE E&TC
08	Dr. Risil R Chhatrala	Subject Chairman	Project Management	TE E&TC
09	Dr. Varsha Degaonkar	Paper Setting	Fundamentals of JAVA Programming (Elective - I) Paper-Fundamentals of JAVA Programming (Elective - I) (304185 (C)), 2019 Pattern Sem I	TE E&TC
10	Prof. Anjali A. Jagtap	Examinar	SPPU Oral Exam TE 2019 Database Management	TE E&TC
11	Prof. Anjali A. Jagtap	Examinar	SPPU Oral Exam TE Cellular Networks	TE E&TC

➤ **List of Elective Courses in Elective Course System conducted by department to final year students**

Sr. No.	Name of Elective Course	Semester
01	BE Elective III – JAVA Script	I
02	BE Elective III – Modernized IoT	
03	BE Elective IV – Data Mining	
04	TE Elective I Computer Networks (CN)	
05	TE Elective I Fundamental Java Programming	
06	Elective V – Mobile Computing	II
07	Elective VI– Digital Marketing	
08	TE Elective II Networks Security (NS)	
09	TE Elective II Advanced Java Programming	

➤ **List of audit courses in CBCS system conducted by department**

Sr. No.	Name of Audit Course	Class	Semester
01	Technical English for Engineers	SE E&TC	I
02	Developing Soft skills and Personality	TE E&TC	
03	Management Information System	BE E&TC	
06	German II	SE E&TC	II
07	Six Sigma	TE E&TC	

➤ **List of value-added courses conducted in department**

Sr. No.	Name of Value-Added Course	Target Audience (FE/ SE / TE/ BE)	No of Students Participated
01	Automotive product planning & development	TE, BE	37

Section III: Teaching Learning & Evaluation

➤ Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practicals as Per Syllabus	No. of Lectures/ Practical as per teaching plan / Lab Plan	No. of Lectures/ Practical Conducted
Semester I					
1	Engineering Mathematics III	Prof. Pooja Khatkale	52/6	52/6	52/6
2	Electronic Circuits	Prof. Suvarna Hande	42/--	42/--	42/--
3	Digital Circuits	Prof. Shweta Jain	42/--	42/--	42/--
4	Electrical Circuits	Prof. Dia Magnani	44/--	44/--	44/--
5	Data structures	Dr. Varsha Degaonkar	42/--	42/--	42/--
6	Electronic Circuit Lab	Prof. Suvarna Hande	--/10	--/10	--/10
7	Digital circuits Lab	Prof. Shweta Jain	--/10	--/10	--/10
8	Digital circuits Lab	Prof. Prashant Ahire	--/10	--/10	--/10
9	Electrical Circuit Lab	Prof. Dia Magnani	--/9	--/9	--/9
10	Data Structures Lab	Dr. Varsha Degaonkar	--/12	--/12	--/12
11	Electronic Skill Development	Prof. Sujata Virulkar	--10	--/10	--/10
12	Digital Communication	Dr. S Mohan Mahalakshmi Naidu	40/--	40/--	40/--
13	Electromagnetics	Prof. Sujata Virulkar	38/14	38/14	38/14
14	Database Management	Prof. Anjali Jagtap	40/--	40/--	40/--
15	Microcontrollers	Prof. Shweta Jain	36/--	36/--	36/--
16	EL I Computer Networks	Prof. Bhagyashri Thorat	38/--	38/--	38/--
17	EL I Fundamental Java Programming	Prof. Prashant Ahire	38/--	38/--	38/--
18	Communications Lab (DC)	Dr. S Mohan Mahalakshmi Naidu	--/10	--/10	--/10
19	Database Management Lab (DBL)	Prof. Anjali Jagtap	--/11	--/11	--/11
20	Microcontrollers Lab	Prof. Shweta Jain	--/10	--/10	--/10
21	EL I Computer Networks Lab	Prof. Bhagyashri Thorat	--/8	--/8	--/8
22	EL I Fundamental Java Programming Lab	Prof. Prashant Ahire	--/11	--/11	--/11
23	Skill Development	Prof. Anjali Jagtap Prof. Ashvini Deshmukh	--/9	--/9	--/9
24	VLSI & Design Technology	Prof. Suvarna Hande	38/--	38/--	38/--
25	Computer Networks & Security	Prof. Bhagyashri Thorat	38/--	38/--	38/--
26	Radiation & Microwave Techniques	Prof. Bhagyashri Thorat	38/--	38/--	38/--

27	Cloud Computing	Dr. Risil Chhatrala	38/--	38/--	38/--
28	Elective-III (Modernized IoT)	Prof. Ashvini Deshmukh	38/--	38/--	38/--
29	Elective-III (Java Script)	Prof. Prashant Ahire	38/--	38/--	38/--
30	Elective-IV(Data Mining)	Prof. Anjali Jagtap	36/--	36/--	36/--
31	Lab Practice - 1 Cloud Computing)	Dr. Risil Chhatrala	--/8	--/8	--/8
32	Lab Practice -I (RMT)	Prof. Bhagyashri Thorat	--/9	--/9	--/9
33	Lab Practice -II (VLSI)	Prof. Suvarna Hande	--/8	--/8	--/8
34	Elective-III (Modernized IoT)	Prof. Ashvini Deshmukh	--/8	--/8	--/8
35	Elective-III (Java Script)	Prof. Prashant Ahire	--/8	--/8	--/8
Semester II					
1	Signals & Systems	Dr. S M Naidu	42/6	45/9	45/9
2	Control Systems	Prof. Suvarna Hande	40/--	40/--	40/--
3	Principles of Communication Systems	Prof. Sujata Virulkar	42/--	42/--	42/--
4	Object Oriented Programming	Prof. Shweta Jain	38/--	38/--	38/--
5	Signals & Control System Lab	Dr. S M Naidu Prof. Suvarna Hande	--/14	--/14	--/14
6	Principle of Communication Systems Lab	Prof. Sujata Virulkar	--/12	--/12	--/12
7	Object Oriented Programming Lab	Prof. Shweta Jain	--/11	--/12	--/12
8	Data Analytics Lab	Prof. Prashant Ahire	--/6	--/10	--/10
9	Project Based Learning	Dr. Risil Chhatrala Prof. Sujata Virulkar Prof. Anjali Jagtap	--/12	--/12	--/12
10	Employability Skill Development	Prof. Vaidehi B	24/11	22/11	22/11
11	Power Devices and Circuits	Prof.Dia Magnani	36/--	36/--	36/--
12	Cellular Networks	Prof. Anjali Jagtap	40/--	40/--	40/--
13	Project Management	Dr. Risil Chhatrala	40/--	40/--	40/--
14	EL II Network Security	Prof. Bhagyshri Thorat	36/--	36/--	36/--
15	EL II Advanced Java Programming	Prof. Prashant Ahire	40/--	40/--	40/--
16	Power Devices and Circuits Lab	Prof. Suvarna Hande Prof. Prashant Ahire	--/9	--/9	--/9
17	Cellular Networks Lab	Prof. Anjali Jagtap	--/9	--/9	--/9
18	EL II Network Security Lab	Prof. Bhagyshri Thorat	--/8	--/8	--/8

19	EL II Advanced Java Programming Lab	Prof. Prashant Ahire	--/10	--/10	--/10
20	Mini Project	Dr. Varsha Degaonkar Prpf. Ashvini Kulkarni	--/16	--/16	--/16
21	Elective - 5 Mobile Computing	Prof. Ashvini Deshmukh	46/--	46/--	46/--
22	Elective – 6 Remote Sensing	Dr. V Rajesh Chaudhary	42/--	42/--	42/--
23	Digital Business Management	Dr. Risil Chhatrala Prof.Dia Magnani	42/--	42/--	42/--
24	Elective - 6 Digital Marketing	Dr. Varsha Degaonkar	42/--	42/--	42/--
25	Innovation & Entrepreneurship	Prof. Sujata Virulkar Prof. Shweta Jain	--/10	--/10	--/10
26	Lab Practice - 3 (Elective - 5-Mobile Computing)	Prof. Ashvini Deshmukh Prof. Shweta Jain	--/9	--/9	--/9
27	Fiber Optic Communication	Prof. Bhagyshri Thorat	42/8	42/8	42/8

➤ Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
01	Dr. Risil Chhatrala	Cloud Computing Digital Business Management	PPTs, Videos, NPTEL Courses, Google classroom (Google meet), Virtual Labs
02	Dr. S M M Naidu	Digital Communication Signals & Systems Signals & Control System Lab	
04	Dr. Varsha Degaonkar	Project Phase 1 and 2 Power Devices & Circuits Elective I: Fundamentals of Java Programming	
05	Prof. Bhagyshri Thorat	Elective I: Computer Network Radiation & Microwave Techniques EL II Network Security and Lab Fiber Optic Communication	
06	Prof. Sujata Virulkar	Electromagnetic Field Theory Digital Circuits Principles of Communication Systems Mini Project	
07	Prof. Anjali Jagtap	Database Management Cellular Networks Data Mining	
08	Prof. Ashvini Kulkarni	Mobile Computing and Lab Elective 3 Modernized IoT	
09	Prof. Sneha Pokharkar	Elective 4 Data Mining Electrical Circuits and Machines	
10	Prof. Suvarna Hande	E VLSI Design and Technology electronic Circuits Control circuits	

11	Prof. Prashant Ahire	Data Structure Elective II Advanced Java Programming Data Analytics Elective 3 Java Script	PPTs, Videos, NPTEL Courses, Google classroom (Google meet), Virtual Labs
12	Prof. Pooja Khatkal	Engineering Mathematics III	
15	Prof. Shweta Jain	Object Oriented Programming Microcontrollers	

➤ **List of Expert Lecturers / Workshops Conducted**

Sr. No.	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/ SE / TE/ BE)
01	VLSI, Embedded and IoT product Development	Mr. Satish thakare	04/04/2024	SE, TE, BE
02	Artificial intelligence in Telecommunication	Mr. Gauravkumar Raut	03/04/24	BE
03	Fundamentals of IT project management & IT service management-what students need to know for joining a software company	Mr. Partha Kar Choudhary	11/09/2023	SE, TE, BE
04	Study abroad: opportunities, preparation	Parashar Pandya	09/08/23	TE, BE
05	Cyber Security	Mr. Chirayu Mahajan, Mr. Abhijit Tripathy	15/09/2023	SE, TE, BE
06	Study Abroad	Ms. Hetika Artwani	23/08/23	SE, TE, BE

➤ **Activities for Slow and Advanced Lerner**

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes / No)	No. of Sessions Conducted for Slow Learners	Activates / Task Assigned for Advanced Learner
01	Advanced JAVA Programming	Prof. Prashant Ahire	Yes	06	MCQ Quiz using Timer Class
02	Cellular Network	Prof. Anjali Jagtap	Yes	06	Nil
03	Principles of Communication Systems	Prof. Sujata Virulkar	Yes	04	Nil
04	Database Management	Prof. Anjali Jagtap	Yes	06	Implement college ERP Hospital Management

					System Farming Management System
05	Data Structures	Dr. Varsha Degaonkar	Yes	05	Doubly Linked list using only one pointer in a node
06	Data Mining	Prof. Anjali Jagtap	Yes	05	Doubly Linked list using only one pointer in a node

➤ List of Bridge Courses Conducted - NIL

Sr. No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
-NIL-				

➤ Counseling and Mentoring

Sr. No.	Particular	Yes / No	Remark (if any)
1	Mentor Allocation	Yes	--
2	Class wise Student Profile Record maintained	Yes	--
3	Mentor Mentee Session Record maintained	Yes	--

No. of Students in Department	No. of Full Teachers in Department	Mentor: Mentee Ratio
220	13	17

➤ Internal Evaluation System

Sr. No.	Particular	Yes / No	Remark (if any)
1	Continuous Evaluation Record	Yes	--
2	Unit test / Class Test Record	Yes	--
3	Mock Oral Practical Record	Yes	--
4	Seminar / Project Review Record	Yes	--
5	Term Work Marks Record	Yes	--

➤ Learning Outcome

Sr. No.	Particular	Yes / No	Remark (if any)
1	PO, PSO, CO are well stated	Yes	--
2	Correlation of Cos in PSOs and Pos	Yes	--
3	Course Outcome attainment calculated	Yes	--
4	Program Specific Outcome & Program Outcome attainment through course outcome calculated	Yes	--

➤ **Student Performance in University Exam**

Sr. No.	Particular	SE	TE	BE
1	Number of Students Appeared	71	72	76
2	Number of All Clear Students	49	57	71
3	Number of students passed with distinction	32	21	56
4	Number of students passed with first class	14	24	13
5	Number of students passed with higher second class	01	08	2
6	Number of students passed with second class	02	03	0
7	Number of students passed with Passed class	00	01	0
8	Number of Students with ATKT	19	15	05
9	Number of Students Failed	03	00	05
10	Passing Percentage	95.8%	100.0%	93.4%

➤ **Remedial Coaching**

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
NIL				

Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark (if any)
1	Student feedback on teaching learning conducted & analyzed	Yes	--
2	Parent Meet / Parent Feedback conducted & analyzed	Yes	--
3	Student exit survey conducted & analyzed	Yes	--
4	Alumni feedback conducted & analyzed	Yes	--

Section V: Research, Innovation, Publication

➤ **Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)**

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
01	Dr. V Rajesh Chowdhary	Development of Market Research Platform for Healthcare Industry	Codex GPO Solutions Pvt Ltd	Rs. 75 Lacs	Ongoing
02	Dr. V Rajesh Chowdhary	Tori Validator, Editor, Shift, Deletion & Alignment Tools	TomTom India Pvt Ltd	Rs. 20 Lacs	Ongoing
03	Dr. V Rajesh Chowdhary	Development of "Project Management Information System (PMIS)"	Asian Disaster Preparedness Center (ADPC), Thailand under Climate Adaptation and Resilience (CARE) for	Rs. 85 Lacs	Ongoing

			South Asia Project supported by World Bank.		
04	Dr. V Rajesh Chowdhary	Design and development of Billing Consolidation System	GINKOSOFT Company Limited	Rs. 40 Lacs	Ongoing

➤ **Faculty Publications**

Number of Publication in National Journals	NIL
Number of Publication in International Journals	05
Number of Publication in National Conferences	NIL
Number of Publication in International Conferences	04

☐ **National Journal: NIL**

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
--	--	--	--	--

☐ **International Journal**

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
01	Comparative Analysis of Alzheimer's Disease Detection Using Machine Learning Techniques	Prof. Shweta Jain	European Chemical Bulletin	20635346
02	FEATURE EXTRACTION USING AT-CONVLSTM BASED CULTURAL ALGORITHM FOR IMAGE UNDERSTANDING	Prof. Shweta Jain	ICTACT Journal on Image and Video Processing, An International Publication of ICT Academy	9769102
03	SEMANTIC SEGMENTATION IN MEDICAL IMAGE ANALYSIS WITH CONVOLUTIONAL NEURAL NETWORKS	Prof. Shweta Jain	ICTACT Journal on Image and Video Processing An International Publication of ICT Academy	9769102
04	Exploring the Effects of Land Use/Land Cover (LULC) Modifications and Land Surface Temperature (LST) in Pune, Maharashtra with Anticipated LULC for 2030	Prof. Anjali A. Jagtap	International Journal of Geoinformatics	2673-0014 (Online) 1686-6576 (Printed)
05	Logistic Route Optimization based on Geographic Information System (GIS)	Dr. Risil R Chhatrala, Dr. Varsha Degaonkar, Prof. Anjali A. Jagtap	Indian Journal of Technical Education	0971-3034

☐ **National Conference : NIL**

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
--	--	--	--	--	--	--

☐ **International Conference**

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
01	Time Series Analysis of Urban Expansion Using Land-Use and Land-Cover Change Detection of LANDSAT Imagery for Pune District of Maharashtra	Prof. Anjali A. Jagtap, Dr. Varsha Degaonkar,	12th International Conference on Advanced Computing (ICoAC - 2023)	12th International Conference on Advanced Computing (ICoAC - 2023)	23747589	IEEE
02	Flood risk mapping using GIS of Mumbai District, India	Prof. Anjali A. Jagtap, Dr. Varsha Degaonkar,	3rd International Conference on Innovative Sustainable Computational Technologies(CI SCT 2023)	3rd International Conference on Innovative Sustainable Computational Technologies(CI SCT 2023)	57197	IEEE
03	Flood Mapping of Mumbai Using Sentinel Datasets	Prof. Anjali A. Jagtap, Dr. Varsha Degaonkar,	3rd International Conference on Innovative Sustainable Computational Technologies, 2023" (CISCT2023)	3rd International Conference on Innovative Sustainable Computational Technologies, 2023" (CISCT2023)	57197	IEEE
04	Object Detection for Simulating Vehicle Driving using CARLA Simulator	Prof. Prashant Ahire	2nd International Conference on Innovative Trends in Engineering and Technology	2nd International Conference on Innovative Trends in Engineering and Technology	978-93-91535-73-5	A.R. Research Publication

☐ **Books / Book Chapters**

Sr. No	Title of the book/chapters published	Name of the author/s	ISBN/ISSN number	Publisher
--	--	--	--	--

Section VI: Collaborations & Linkages

➤ Student Internships:

Sr. No.	Name of Student	Name of Industry/ Company	Duration
1	Smruti Ramchandra Awate	Google Ai-MI Virtual Internship	Jan-March 2024
2	Harsh Mukeshbhai Bhardwaj	Zscaler Zero Trust Cloud Security Virtual Internship	Jan-March 2024
3	Gouri Sandeep Bhoyar	Aws Cloud Virtual Internship	Jan-March 2024
4	Siddhika Santosh Gadgil	Google Android Developer Virtual Internship	Jan-March 2024
5	Ishant Chhotukumar Gadhave	Google Ai-MI Virtual Internship	Jan-March 2024
6	Hrishikesh Gorakh Auti	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
7	Aditi Digambar Jatal	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
8	Soham Chandrashekhar Joshi	Google Ai-MI Virtual Internship	Jan-March 2024
9	Shravani Prashant Kapadnis	Google Android Developer Virtual Internship	Jan-March 2024
10	Mandira Babulal Bagle	Google Android Developer Virtual Internship	Jan-March 2024
11	Danish Rohidas Mane	Aws Cloud Virtual Internship	Jan-March 2024
12	Reshma Navnath Nawale	Google Android Developer Virtual Internship	Jan-March 2024
13	Nuzhat Abdussalam Inamdar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
14	Shrushti Vishwambhar Pawar	Zscaler Zero Trust Cloud Security Virtual Internship	Jan-March 2024
15	Ashwini Rajaram Rasal	Google Ai-MI Virtual Internship	Jan-March 2024
16	Pallavi Sampat Rasal	Google Android Developer Virtual Internship	Jan-March 2024
17	Samruddhi Dhananjay Bhadane	Google Ai-MI Virtual Internship	Jan-March 2024
18	Ishita Srivastava	Google Android Developer Virtual Internship	Jan-March 2024
19	Suyash Parag Karnad	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
20	Pratik Sanjay Tarfe	Google Ai-MI Virtual Internship	Jan-March 2024
21	Dipak Sanjay Urade	Google Android Developer Virtual Internship	Jan-March 2024
22	Kannya Ramchandra Uttekar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
23	Akash Arun Waghmare	Google Ai-MI Virtual Internship	Jan-March 2024
24	Aniket Amol Baswade	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
25	Nischal Rahul Chaudhari	Google Android Developer Virtual Internship	Jan-March 2024
26	Prathmesh Anant Tarke	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
27	Shubham Suresh Athane	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
28	Atharva Sachin Khare	Google Android Developer Virtual Internship	Jan-March 2024
29	Khushi Abhay Bafana	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024

30	Yash Manoj Bankar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
31	Limbhath Vyankat Bansode	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
32	Aditya Mahadev Biradar	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
33	Aditya Mahadev Biradar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
34	Soham Pandurang Chavan	Google Ai-MI Virtual Internship	Jan-March 2024
35	Shubham Shrikant Dhagale	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
36	Darshan Kishor Gahiwad	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
37	Raghav Veerendra Gosavi	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
38	Parag Bhimraj Gundal	Google Ai-MI Virtual Internship	Jan-March 2024
39	Harshit Rishi Pande	Aws Ai-MI Virtual Internship	Jan-March 2024
40	Tanmay Sandesh Kendre	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
41	Ganesh Shivkumar Kesarkar	Fortinet Network Security Associate Virtual Internship	Jan-March 2024
42	Rhutuja Prashant Khandare	Google Ai-MI Virtual Internship	Jan-March 2024
43	Sanika Sanjay Lonkar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
44	Manas Yogesh Mainde	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
45	Ritesh Rajendra Mandavgad	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
46	Mangesh Rajabhau Gaikwad	Google Ai-MI Virtual Internship	Jan-March 2024
47	Dishant Mohan Patil	Aws Cloud Virtual Internship	Jan-March 2024
48	Mandar Santoshrao Patil	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
49	Atharva Shashikant Pawar	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
50	Kshitij Mahendra Rajgude	Aws Data Engineering Virtual Internship	Jan-March 2024
51	Sayyam Rahul Chordiya	Google Android Developer Virtual Internship	Jan-March 2024
52	Sanika Sandesh Shinde	Aws Cloud Virtual Internship	Jan-March 2024
53	Snehal Rajendra Shinde	Fortinet Network Security Associate Virtual Internship	Jan-March 2024
54	Swapnil Uttam Shinde	Fortinet Network Security Associate Virtual Internship	Jan-March 2024
55	Vishakha Sanjeev Shinde	Google Ai-MI Virtual Internship	Jan-March 2024
56	Siddhant Yajur Dhongde	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
57	Harsh Sunil Songire	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
58	Aaditi Sujaykumar Wayse	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024
59	Vidhi Dinesh Zawar	Microchip Embedded System Developer Virtual Internship	Jan-March 2024
60	Aniket Balaji Rathod	Blue Prism Intelligent Automation Virtual Internship	Jan-March 2024

➤ **Sponsored Projects**

Sr. No.	Project Title	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution
01	INSTRUMENTATION OF WATER LEVEL MONITORING AND ITS FRONT END DEVELOPMENT	MALI VIRENDRA, WAGH OM NILESH	POYV PRIVATE LTD
02	COST EFFICIENT EV CONVERSION KIT	SOLANKE MANGESH, SUMIT AMIT TIWARI, WAGHMARE ATHARVA	Hemank Auto Parts Pvt. Ltd

➤ **Industrial Visits**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of Visit	Class
01	BSNL Chinchwad	26/10/23	SE E&TC
02	EV, Expo, Pune	26/03/24	SE E & TC
03	MSME, Expo, Pune	29/02/24	SE, TE, BE E & TC
04	BHEL, Hyderabad	05/01/24 to 09/01/24	BE E & TC

➤ **Functional Memorandum of Understanding (MoU) -**

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of commencement	Duration
01	RedR INDIA	12/3/2024	5 Years
02	BigZero Technology	16/2/2024	3 Years
03	EduPlusNow	9/2/2024	3 Years
04	BluPrism (Eduskills)	23/9/2023	-
05	Fountlab Solutions	26/5/2023	1 Year
06	Baithak Foundation	23/3/2023	1 year
07	POVY Pvt Ltd	2022-23	5 Years
08	Pune Knowledge Cluster Foundation PKCF	2022-23	3 years
09	APVIKE	2021-22	5 years
10	FOUNTLAB SOLUTIONS PVT LTD	2020 - 2021	5 Years
11	The Centre for Education & Research In Geoscience	2020 - 2021	5 Years
12	Codex Solutions Pvt Ltd (MoA)	2019 - 2020	Open ended
13	Wisely Wise	2019 - 2020	5 Years

Section VII: Student Progression

➤ Placements

Sr. No	Name of company	Name of Student
1	Oracle, Pune	Mrunmai Kulkarni
2	Neeyamo Enterprise Sloutions Pvt. Ltd, Pune	Giriraj Dayma
3	Fountlab Solution Pvt. Ltd, Pune	Shubham Maharaj
4	Hemank Auto Private limited, Pune	Atharva Waghmare
5	Hemank Auto Private limited, Pune	Mangesh Solanke
6	Hemank Auto Private limited, Pune	Sumit Tiwari
7	Expedify	Atharva Chatur
8	Ericsson, Pune	Tejas Bhagat
9	Synetic Business School	Sarthak Gupta
10	Synetic Business School	Abhishek Rathod
11	TCS	Aradhya Gharde
12	TCS	Onkar Wagh
13	TCS	Giriraj Dayma
14	TCS	Deep Kanawade
15	MACFOS	Ashish Dakne
16	Vodafone Idea Limited	Atharva Giriyaal

➤ Higher Education

Sr. No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
01	Vinay Morale	Swansea University Prifysgol Abertawe	Computer Science , MSc.
02	Rishabkar Chaudhuri	Symbiosis International	MBA (Information Technology)

Section VIII Activity Conducted / Organized by Department

➤ Technical Event / Workshop for Students

Sr. No.	Name of Event / Workshop	Organized under (Department / Student Association / Profession Chapter / Student Club)	Date of Event	Level (University / State/ National / International)	No. of Participants
01	VLSI, Embedded and IoT product Development	Department	04/04/2024	Department	80
02	Artificial intelligence in Telecommunication	Department	03/04/2024	Department	17
03	Fundamentals of IT project management & IT service management-what students need to know for joining a software company	Department	11/09/2023	Department	88

04	Study abroad: opportunities, preparation	Department	09/08/23	Department	64
05	Cyber Security	Department	15/09/2023	Department	88
06	Study Abroad	Department	23/08/2023	Department	114

➤ **FDP / Workshop/ STTP/ Conference for faculty**

Sr. No.	Name of Event / Workshop	Date of Event	Level (University / State/ National / International)	No. of Participants
01	FDP on "EMF Awareness"	12/9/2023	Department	14

Section IX: Achievements

➤ **Awards and Prizes received by students**

Sr. No.	Name of Students	Event Name / Details	Organized by	Achievement / Position / Prize
1	Palak Oza, Om Wagh, Vedangee Diwate and Yash Chavan	Startup MahaKumbh Bharat Innovates contest	Bharat Mandapam and ITPO, New Delhi	Selected
2	Alex Virendra Sakha and Noor Ansari	National level Techfest Event entitled Digi Logic (Logic Maker) competition	Sinhgad College of Engineering, Pune	1 st Position
3	Vedant Gosavi and Girish Koli	National level Techfest Event entitled Digi Logic (Logic Maker) competition	Sinhgad College of Engineering, Pune	2 nd Position
4	Riddhi Ravindra Apar	UNIVERSAL SHOTOKAN KARATE DO-ASSOCIATION	Karate Association of India (KIA) Recognised by- World Karate Federation Ministry of Sports & Youth Affairs Govt. Of India	Black Belt Certificate

➤ **Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies:**

Sr. No.	Name of Faculty	Members of committees at University level / State level /International Level as
01	Dr. Varsha Degaonkar	Session Chair for International Conference on Gender Equality and Women Empowerment 2024 at PVG's COET GKPIM Pune
02	Prof. Shweta Jain	Committee member for SPPU appointed AAA Committee at Sinhgad Technical Education Society's Nivrutti Babaji Navale College of Commerce and Science

03	Prof. Prashant Ahire	Delegate for Global Testing Retreat (ATAGTR2024) at International Institute of Information Technology
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Details of teachers appointed/ Nominated on Editorial Boards / Reviewers

Sr. No.	Name of Faculty	Name of Editorial Boards/ Conference
01	Dr V Rajesh Chowdhary	Journal Reviewer or editorial board members for Geographia Technica - an International Journal for the progress of Scientific Geography, Romania
02	Dr. Risil Chhatrala	Reviewer for ETMCIS 2024 at MITAOE, Alandi
03	Dr. S. M. M. Naidu	Journal Reviewer on editorial board members for Radio Science Journal Reviewer at Wiley AGU Publications

➤ **Awards / Prizes and recognitions received by teachers at university, state, national and international level:**

Sr. No.	Name of Faculty	Event Name / Details	Organized by	Achievement / Position / Prize
-Nil-				

➤ **Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, Conferences at national and international levels.**

Sl. No.	Name of the Faculty Member	Title of the Attended Event	State/ National / International	Duration (no. of days)
1	Dr. Varsha Degaonkar	Industry 5.0 for Society 5.0	State	Duration 3 to 5 days
2	Prof. Anjali A. Jagtap	Industry 5.0 for Society 5.0	National	Duration 3 to 5 days
3	Prof. Prashant Ahire	Industry 5.0 for society 5.0	National	Duration 3 to 5 days
4	Prof. Shweta Jain	Industry 5.0 for society 5.0	National	Duration 3 to 5 days
5	Dr. Varsha Degaonkar	Advancements and Recent Application Trends in JAVA	State	Duration more than or equal to 6 days
6	Prof. Anjali A. Jagtap	Advancements and Recent Application Trends in JAVA	National	Duration more than or equal to 6 days
7	Prof. Shweta Jain	Advancements and Recent Application Trends in JAVA	National	Duration more than or equal to 6 days
8	Dr. Varsha Degaonkar	Creators of Metaverse	National	Duration up to 2 days
9	Prof. Anjali A. Jagtap	Creators of Metaverse	National	Duration up to 2 days

10	Prof. Prashant L. Ahire	Creators of Metaverse	National	Duration up to 2 days
11	Prof. Anjali A. Jagtap	Building Advanced Data Analytics Applications with Cloud	National	Duration 3 to 5 days
12	Prof. Prashant Ahire	Research trends in Underwater Signal, Image and Video processing	National	Duration more than or equal to 6 days
13	Prof. Anjali A. Jagtap	EXPLAINABLE AI FOR SIGNAL AND IMAGE PROCESSING	State	Duration more than or equal to 6 days
14	Dr. Varsha Degaonkar	NPTEL E-awareness workshop	National	Duration up to 2 days
15	Prof. Anjali A. Jagtap	NPTEL E-Awareness workshop	National	Duration up to 2 days
16	Dr. Varsha Degaonkar	Building Advanced Data Analytics Applications with Cloud	National	Duration 3 to 5 days
17	Prof. Prashant Ahire	SQL & Linux	State	Duration more than or equal to 6 days
18	Dr. S M M Naidu	EMF Awareness	State	Duration up to 2 days
19	Dr. Risil Chhatrala	EMF Awareness	State	Duration up to 2 days
20	Dr V Rajesh Chowdhary	EMF Awareness	State	Duration up to 2 days
21	Dr. Varsha Degaonkar	EMF Awareness	State	Duration up to 2 days
22	Prof. Bhagyashree Thorat	EMF Awareness	State	Duration up to 2 days
23	Prof. Sujata Virulkar	EMF Awareness	State	Duration up to 2 days
24	Prof. Anjali Jagtap	EMF Awareness	State	Duration up to 2 days
25	Prof. Ashvini Deshmukh	EMF Awareness	State	Duration up to 2 days
26	Prof. Suvarna Hande	EMF Awareness	State	Duration up to 2 days
27	Prof. Prashant Ahire	EMF Awareness	State	Duration up to 2 days
28	Prof. Shweta Jain	EMF Awareness	State	Duration up to 2 days
29	Prof. Dia Magnani	EMF Awareness	State	Duration up to 2 days
30	Prof. Prashant Ahire	Cloud Infrastructure(AWS)	National	Duration 3 to 5 days
31	Prof. Prashant Ahire	Advances in 5G and Next Generation Networks (5GNGN)	National	Duration 3 to 5 days

Any other information

Declaration by HOD:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date :

11/7/2024



Dr S M M Naidu

Head of Department

Overall Observations /Remarks of the verification Committee:

A. Important deficiencies / weaknesses (not more than five)

B. Important strengths (not more than five)

c. Recommendations:

i)



ii)



iii)



(Signature & Names of Committee Members)





Hope Foundation's
International Institute of Information Technology (I²IT), Pune
P-14, Rajiv Gandhi Infotech Park, Phase - 1, Hinjawadi, Pune - 411057
Internal Quality Assurance Cell

ACADEMIC AND ADMINISTRATIVE AUDIT

For ACADEMIC YEAR: 2023-24

(Provide information for Academic Year 2023-24)

Section I: Basic Information

1	Audit Date	08/08/2024
2	Name of Department	Engineering Sciences
3	Head of Department	Prof. Rakhi Wagh
4	Number of Full time teachers	Prof: 00 Asso. Prof: 02 Asst. Prof. 17
5	Number of Technical Staff	03
6	Number of Students	FE - 397
7	Student Full Time Teacher Ratio	22.05

Section II: Curricular Aspects

Academic Planning

Sr. No.	Particular	Yes / No	Remark(if any)
1	Departmental Academic Calendar	Yes	Yes
2	Faculty Subject Choices	NA	NA
3	Elective Choices from Students	NA	NA



4	Course / Subject Distribution to Faculty	Yes	Yes
5	All Time Tables	Yes	Yes
6	Teaching plan & Laboratory plan	Yes	Yes

➤ **Participation of the department in the curriculum development for courses offered by the Affiliating University.**

Sr. No.	Name of Faculty	Participated as	Course	Class
NIL				

➤ **List of Elective Courses in Elective Course System conducted by department to final year students**

Sr. No.	Name of Elective Course	Semester
NA		

➤ **List of audit courses in CBCS system conducted by department**

Sr. No.	Name of Audit Course	Class	Semester
NA			

➤ **List of value added/add-on courses conducted in department**

Sr. No.	Name of Value Added/Add-on Course	Target Audience (FE/ SE / TE/ BE)	No of Students Participated
NA			

Section III: Teaching Learning & Evaluation

Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practicals as Per Syllabus	No. of Lectures/ Practicals as per teaching plan / Lab Plan	No. of Lectures/ Practical Conducted
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Semester I					
		Prof. Pooja Khatakale (Div A Comp)	48L + 06 (T)	48L + 06 (T)	50L+06(T)
		Prof. MandarDatar (Div B Comp)	48(L)/06 (T)	48(L)/06(T)	49(L)/06(T)
1	Engineering Mathematics I	Prof. MandarDatar (Div C Comp)	48(L)/06 (T)	48(L)/06(T)	50(L)/06(T)
		Prof. Suvarna Bhagwat (Div A IT)	48(L)+6(T)	48(L)+6(T)	51(L)+6(T)
		Prof. Suvarna Bhagwat (Div B IT)	48(L)+6(T)	48(L)+6(T)	51(L)+6(T)
		Prof. Rupali Yeole (Div C ETC)	48(L)+6(T)	48(L)+6(T)	51(L)+6(T)
2	Engineering Physics	Dr Sandeep Varpe (COMP - C)	48(L)+24(P)	48(L)+24(P)	50(L)+26(P)
		COMP A-B	0(L) + 24(P)	0(L) + 24 P	0(L) + 26(P)
		Prof. Santosh Amabare (COMP - A)	48(L)+8(P)	48(L)+8(P)	49(L)+8(P)
		Prof. Santosh Amabare (COMP - B)	48(L)+8(P)	48(L)+8(P)	49(L)+8(P)
3	Engineering Chemistry	Dr.SmitaNande(IT- A)	48(L)+8(P)	48(L)+8(P)	50(L)+8(P)
		Mrs. <u>BhavanaTayde</u> (IT B)	48(L)+8(P)	48(L)+8(P)	49 (L)+8(P)
		Mrs. BhavanaTayde (E&Tc)	48(L)+8(P)	48(L)+8(P)	50 (L)+8(P)
4	Systems in Mechanical Engineering	Prof.Rakhi Wagh (FE-COMP A)	36(L) +09(P)	36(L) + 09(P)	41(L) + 09(P)
		Prof.YogirajDeshmukh (FE-COMP B)	36(L) + 9(P)	36(L) + 9(P)	41(L) 09(P)
		Prof.YogirajDeshmukh (FE-COMP C)	36(L) + 9(P)	36(L) + 9(P)	41(L) + 9(P)
		Prof.Rahul Joshi(FE-IT A)	36(L)+09(P)	36(L)+09(P)	42(L)+09(P)
		Prof.Rahul Joshi(FE-IT B)	36(L)+09(P)	36(L)+09(P)	42(L)+09(P)



		Prof.Pooja More (FE-E&TC)	36(L)+09(P)	36(L)+09(P)	42(L)+09(P)
5	Basic Electrical Engineering	Prof. Ravindra Joshi(FE-IT, A div)	36(L)+08(P)	36(L)+08(P)	42(L)+08(P)
		Prof.Priya Pawar (FE Comp A)	42(L)+10(P)	42(L)+10(P)	43(L)+10(P)
6	Basic Electronics Engineering	Prof.Priya Pawar (FE Comp B)	42(L)+10(P)	42(L)+10(P)	43(L)+10(P)
7	Programming and Problem solving	Ms. Achala Deshpande Prof. Silkesha Thigale	42(L)+10(P) 42(L)+10(P)	42(L)+10(P) 42(L)+10(P)	42(L)+10(P) 42(L)+10(P)
8	Engineering Mechanics	Prof M S Waghmare (FE IT B)	37(L)/6(P)	38(L)/6(P)	33(L)/6(P)
9	Workshop	Prof.Rakhi Wagh(FE-COMP A)	06(P)	06(P)	06(P)
		Prof.Yogiraj Deshmukh (FE-COMP B)	06(P)	06(P)	06(P)
		Prof.Yogiraj Deshmukh (FE-COMP C)	06(P)	06(P)	06(P)
		Prof.Rahul Joshi(FE-IT A)	06(P)	06(P)	06(P)
		Prof.Rahul Joshi(FE-IT B)	06(P)	06(P)	06(P)
		Prof.Rakhi Wagh(FE-E&TC)	06(P)	06(P)	06(P)
10	Environmental Studies-I	Prof M S Waghmare	12(L)	8(L)	6(L)
SEM-II					
11	Engineering Mathematics II	Prof. Rupali Yeole (Div A Comp)	54L + 06(T)	54L + 06(T)	54L+06(T)
12		Prof. Mandar Datar (Div A Comp)	54L + 06(T)	54L + 06(T)	54L+06(T)
13		Prof. Mandar Datar (Div B Comp)	54L + 06(T)	54L + 06(T)	54L+06(T)



14		Prof. Suvarna Bhagwat (Div A IT)	54L + 06(T)	54L + 06(T)	54L+06(T)
15		Prof. Suvarna Bhagwat (Div B IT)	54L + 06(T)	54L + 06(T)	54L+06(T)
16		Prof. Rupali Yeole (Div C ETC)	54L + 06(T)	54L + 06(T)	54L+06(T)
17	Engineering Physics	Dr Sandeep Varpe (Div E&TC)	48(L)+24(P)	48(L)+24(P)	52(L)+27(P)
		Prof. Santosh Amabare (IT - A)	48(L)+8(P)	48(L)+8(P)	49(L)+8(P)
		Prof. Santosh Amabare (IT - B)	48(L)+8(P)	48(L)+8(P)	49(L)+8(P)
18	Engineering Chemistry	Dr.SmitaNande (Comp- A)	48(L)+8(P)	48(L)+8(P)	50(L)+8(P)
		Dr.SmitaNande (Comp- B)	48(L)+8(P)	48(L)+8(P)	48 (L)+8(P)
		Mrs. BhavanaTayde(Comp C)	48(L)+8(P)	48(L)+8(P)	50(L)+8(P)
19	Basic Electronics Engineering	Prof.PriyaPawar (IT A)	42(L)+10(P)	42(L)+10(P)	46(L)+10(P)
		Prof.PriyaPawar (IT B)	42(L)+10(P)	42(L)+10(P)	46(L)+10(P)
20	Basic Electrical Engineering	Prof. Ravindra Joshi (FE-Comp, C Div)	36 (L) + 8 (P)	36 (L) + 8 (P)	44 (L) + 8 (P)
21	Programming and Problem solving	Prof. SilkeshaThigale	40(L)+09(P)	42(L)+09(P)	42(L)+09(P)
		Prof. SharadaThete	40(L)+09(P)	40(L)+09(P)	42(L)+09(P)
22	Engineering Mechanics	Prof M S Waghmare (FE COMP A)	37(L)/6(P)	37(L)/6(P)	38(L)/6(P)
23	Engineering Graphics	Prof.RakhiWagh (FE-COMP A)	12(L) +05(P)	36(L) + 05(P)	36(L)+05(P)
		Prof.YogirajDeshmukh (FE-COMP B)	12(L) +05(P)	36(L) + 05(P)	36(L)+05(P)



		Prof.YogirajDeshmukh (FE-COMP C)	12(L) +05(P)	36(L) + 05(P)	36(L)+05(P)
		Prof.Rahul Joshi(F.E-ITA)	12(L) +05(P)	36(L) + 05(P)	36(L)+05(P)
		Prof.Rahul Joshi(F.E-ITB)	12(L) +05(P)	25(L) + 05(P)	25(L)+05(P)
		Prof.Rakhi Wagh (FE- E&TC)	12(L) +05(P)	36(L) + 05(P)	36(L)+05(P)
24	Project Based Learning	Prof M S Waghmare	6	6	5
		Dr. Sandeep Varpe	32	32	36
25	Environmental Studies-II	Prof M S Waghmare	12	10	8

➤ Use of ICT Tools in teaching learning

Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1	Prof YogirajDeshmukh	Systems in Mechanical Engineering Engineering Graphics	Google Classroom
2	Prof. MandarDatar	Engineering Mathematics-I, Engineering Mathematics-II	Google Classroom, Geogebra Graphing Calculator
3	Prof.Rahul Joshi	Systems in Mechanical Engineering Engineering Graphics	Google Classroom
4	Prof M S Waghmare	Engg Mechanics	Google Classroom, internet, smart phone.projector
5	Prof. Suvarna Bhagwat	Engineering Mathematics-I, Engineering Mathematics-II	Google Classroom
6	Prof.PoojaKhatkale	Engineering Mathematics-I	Google Classroom



7	Prof. Rupali Yeole	Engineering Mathematics-I, Engineering Mathematics-II	Google Classroom
8	Dr.SmitaNande	Engineering Chemistry	Google Classroom
9	Prof. Santosh Ambare	Engineering Physics	Google Classroom
10	Mrs. BhavanaTayde	Engineering Chemistry	Google Classroom
11	Prof.PriyaPawar	Basic Electronics Engineering	Google Classroom
12	Prof. Ravindra Joshi	Basic Electrical Engineering	Google Classroom
13	Dr. Sandeep Varpe	Engineering Physics	Google Classroom

➤ **List of Expert Lecturers / Workshops Conducted**

Sr. No.	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/ SE / TE/ BE)
SEMESTER I				
Nil				
SEMESTER II				
1	Superconductivity's Journey into Everyday Life	Dr. YogeshSonawane, Associate Professor, Zeal College of Engineering & Research, Pune	10/04/2024 10.45 am to 12.15 pm	FE

□ **Activities for Slow and Advanced Learners**

Sr. No.	Name of Subject	Name of Faculty	Slow Learners / Adv. Learners Identified (Yes / No)	No. of Sessions Conducted for Slow Learners	Activities / Task Assigned for Advanced -Learner
SEMESTER I					
1	Engineering Mathematics-I	Prof. Rupali Yeole	YES	5	Assignment on 1.Partial Differentiation,



					2.Maxima& Minima of the Function, 3.Jacobian
2	Engineering Mathematics-I	Prof. Suvarna Bhagwat	YES	5	Assignment on 1.Partial Differentiation, 2.Maxima& Minima of the Function, 3.Jacobian
3	Engineering Chemistry (IT A)	Dr. Smita Nande	YES	4	Presentation on Graphene and Properties, Quantum dot and classification, Nanomaterial classifications, Nanomaterial Properties
4	Engineering Chemistry((FE IT B)(FE ETC)	Prof.B.M.Tayde	YES	4	1.Explanation of Difficult topics 2.Preparation of FAQs from previous year university question papers 3.Solve the Numericals. 4.Preparation of FAQs from previous year university question papers
5	Engineering Physics	Dr. Sandeep Varpe	Yes	7	Practice Session on, 1.optics 2.Laser & Fiber Optics 3.Quantum Mechanics 4.Semiconductor Physics 5.Magnetism & Superconductivity 6.NDT & Nanotechnology 7. Counseling session were organized ahead of end semester examination for slow learners regarding exam preparation
6	Engineering Physics	Prof.Santosh Ambre	Yes	7	Practice Session on, 1.optics



					2.Laser & Fiber Optics 3.Quantum Mechanics 4.Semiconductor Physics 5.Magnetism & Superconductivity 6.NDT & Nanotechnology 7. Counseling session were organized ahead of end semester examination for slow learners regarding exam preparation
7	Basic Electronics Engineering (FE A & B)	Prof.Priya Pawar	YES	2	1. Advanced Learner Explained through presentation and question for Number System & Logic gate 2. Advanced Learner explained through presentation and question bank given for Number System & Logic gates
8	Basic Electrical Engineering	Prof. Ravindra Joshi	YES	2	Additional questions were given to advanced learners and they were asked to explain the solutions to the remaining students.
8	Engineering Mathematics I	Prof. Pooja Khatkale	YES	6	Provide session advanced learner and provide QB on, 1.Differential Calculus 2.Fourier Series 3.Partial Differentiation 4.Jacobian & its Application 5.Matrices 6.Counselling session organized ahead of end sem exam for slow learners regarding exam preparation



9	Programming & Problem Solving (FE Comp C)	Prof.SilkeshaThigale	YES	4	Revision on 1.Modules 2.String Functions Module 3.Object Oriented concepts 4.Practise session on file handling
10	Basic Electrical Engineering (FE IT B) (FE ETC C)	Prof. Amit B. Kasar	YES	3	Doubt Solving Session on 1. Unit I & II 2. Unit III & IV 3. Unit V & VI
11	Systems in Mechanical Engineering	Prof Rahul Joshi	YES	5	Numericals on 1.Unit II Heat Pump & Engine 2.Unit 2 Refrigerator 3.Presentation from advanced learner for unit VI Manufacturing 4.Presentation from advanced learner for unit VI Manufacturing 5.Question Paper Solving for Unit 3,4,5,6.
SEMESTER II					
11	Engineering Mathematics-II (FE comp A ETC C)	Rupali Yeole	YES	5	Presentation on curve tracing, Integral Calculus, Triple integral and its relevance in finding the volume of a region in 3D space
12	Engineering Mathematics-II	Prof. Suvarna Bhagwat	YES	5	Presentation on curve tracing, Integral Calculus, Triple integral and its relevance in finding the volume of a region in 3D space
13	Engineering Chemistry	Dr. Smita Nande	YES	4	Presentation on Graphene Introduction,,Quantum dot Introduction and classification,Nanomaterial classifications



14	Basic Electronics Engineering (FEIT A & B)	Prof PriyaPawar	YES	2	1.Advanced Learner Explained through presentation and question for Number System & Logic gate 2.Advanced Learner explained through presentation and question bank given for Number System & Logic gate
15	Programing & Problem Solving (FE ETC C)	Prof.SilkeshaThigale	YES	4	Revision on 1.Modules 2.String Functions Module 3.Object Oriented concepts 4.Practise session on file handling
16	Engineering Chemistry (FE Comp B, C)	Prof.B.M.Tayde	YES	4	1.Discussion on important topics for unit I & II 2.Revision on nano materials 3.Preparation of unit IV as per previous question paper 4.Revision on unit V
17	Programming & Problem Solving (IT A& B)	Prof. ShardaThete	YES	3	1.Revision on unit 3 functions & Modules 2.Demonstration /Practise session on String modules & its attributes 3.Revision on unit 4 Different inbuilt functions for string handling
18	Engineering Physics	Prof.SantoshAmbar	YES	7	Practice Session on, 1.optics 2.Laser & Fiber Optics 3.Quantum Mechanics 4.Semiconductor Physics 5.Magnetism & Superconductivity 6.NDT & Nanotechnology



					7. Counseling session were organized ahead of end semester examination for slow learners regarding exam preparation
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➤ List of Bridge Courses Conducted

Sr. No.	Name of Subject for which Bridge Course Conducted	Name of Faculty	Class	Semester
NA				

➤ Counseling and Mentoring

Sr. No.	Particular	Yes / No	Remark (if any)
1	Mentor Allocation	Yes	
2	Class wise Student Profile Record maintained	Yes	Available in ERP
3	Mentor Mentee Session Record maintained	Yes	
No. of Students in Department		No. of Full Teachers in Department	Mentor-Mentee Ratio
357		17	1:25

➤ Internal Evaluation System

Sr. No.	Particular	Yes / No	Remark (if any)
1	Continuous Evaluation Record	Yes	Yes
2	Mock Online Exam Record	No	No
3	Online Unit test / Class Test Record	Yes	Yes
4	Prelim Exam Record	No	No
5	Mock Oral Practical Record	No	No



6	Seminar / Project Review Record(PBL Record)	Yes	Yes
7	Term Work Marks Record	Yes	Yes

➤ **Learning Outcome**

Sr. No.	Particular	Yes / No	Remark (if any)
1	PO, PSO, CO are well stated	Yes	
2	Correlation of COs in PSOs and POs	Yes	
3	Course Outcome attainment calculated	Yes	
4	Program Specific Outcome & Program Outcome attainment through course outcome calculated	Yes	

➤ **Student Performance in University Exam**

□ **Semester I**

Sr. No.	Particular	COMP	IT	ETC
1	Number of students appeared	198	135	65
2	Number of All Clear Students	158	94	28
3	Number of students passed with distinction	125	66	21
4	Number of students passed with first class	24	21	6
5	Number of students passed with higher second class	6	3	1
6	Number of students passed with second class	3	4	0



7	Number of Students Failed	40	41	37
8	Passing Percentage	100	100	100

☐ Semester II

Sr. No.	Particular	COMP	IT	ETC
1	Number of Students Appeared	198	135	64
2	Number of All Clear Students	145	92	29
3	Number of students passed with distinction	120	77	23
4	Number of students passed with first class	20	10	5
5	Number of students passed with higher second class	4	5	0
6	Number of students passed with second class	1	0	1
7	Number of Students Failed	53	35	35
8	Passing Percentage	95.96	97.78	86

➤ Remedial Coaching

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
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1	Engineering Mathematics -I	Prof .Pooja Khatkale	FE(all)	II
2	Engineering Mechanics	Prof.M.S.Waghmare	FE(A,B.C)	II

□ Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark (if any)
1	Student feedback on teaching learning conducted & analyzed	Yes	
2	Parent Meet / Parent Feedback conducted & analyzed	Yes	
3	Student exit survey conducted & analyzed	NA	
4	Alumni feedback conducted & analyzed	NA	

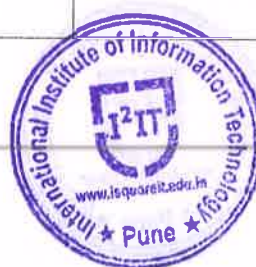
Section V: Research, Innovation, Publication

- Research grants, projects completed and ongoing from funding agencies (like SPPU, BCUD, UGC, AICTE, DST)

Sr. No.	Principal Investigator	Title of Project	Funding Agency	Amount (Rs. In Lakh)	Remark (if any)
NIL					

➤ Faculty Publications

Number of Publication in National Journals	NIL
Number of Publication in International Journals	NIL
Number of Publication in National Conferences	NIL
Number of Publication in International Conferences	NIL



☐ National Journal

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
NIL				

☐ International Journal

Sr. No	Title of Paper	Name of the author/s	Name of journal	ISBN/ISSN number
NIL				

☐ National Conference

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
NIL						

☐ International Conference

Sr. No	Title of Paper	Name of the author/s	Title of the proceedings of the conference	Name of the conference	ISBN/ISSN number	Publisher
NIL						

☐ Books / Book Chapters

Sr. No	Title of the book/chapters published	Name of the author/s	ISBN/ISSN number	Publisher
NIL				

Section VI: Collaborations & Linkages

➤ Student Internships:



Sr. No.	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution	Duration
1	Aastha More	Lifespark Technologies Private Limited	1 Month
2	HarshdeepBharadwaj	Mideara Enterprises	3 Month

➤ Sponsored Projects

Sr. No.	Project Title	Name of Student	Name of Sponsored Industry / Research Institute / Partnering Institution
NIL			

➤ Industrial Visits

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1	Pimprichinchwad science park , chinchwad	3/11/2023	237
2	Imagica visit	27/2/2024	90

➤ Functional Memorandum of Understanding (MoU)

Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of commencement	Duration
NA			

Section VII: Student Progression

➤ Placements

Sr. No.	Name of Students	Name of Company
NA		

➤ Higher Education



Sr. No.	Name of Students	Name of Institution Admitted To	Name of Program Admitted To
NA			

Section VIII Activity Conducted / Organized by Department

Technical Event / Workshop for Students Sr. No.	Name of Event / Workshop	Organized under (Department / Student Association / Profession Chapter / Student Club)	Date of Event	Level (University / State/ National / International)	No. Of Participants
NIL					

> FDP / Workshop/ STTP/ Conference for faculty

Sr. No.	Name of Event / Workshop	Date of Event	Level (University / State/ National / International)	No. of Participants
NIL				

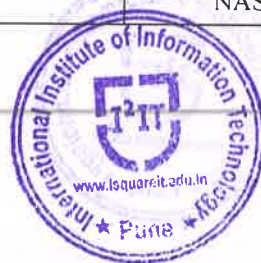
Section IX: Achievements

> Awards and Prizes received by students

Sr. No.	Name of Student	Event Name / Details	Organized by	Achievement / Position / Prize
1	Soham Agrawal	Entrepreneurship challenge	I2IT	Participant
2	Somesh Sinha	Entrepreneurship challenge	I2IT	Participant
3	B.N.Nachiket	Entrepreneurship challenge	I2IT	Participant
4	VaraleKomal	Entrepreneurship challenge	I2IT	Participant
5	AtharvThorat	Entrepreneurship challenge	I2IT	Participant
6	SurajChoughule	Entrepreneurship challenge	I2IT	Participant



7	VaishnaviGhadge	Entrepreneurship challenge	I2IT	Participant
8	Soham Agrawal	Blockchain Campaign	I2IT	Participant
9	Narendra Patil	Blockchain Campaign	I2IT	Participant
10	Somesh Sinha	Start-UP-Surge	Safe Bite SurveillanceI2IT	Team member
11	VaraleKomal	Start-UP-Surge	Safe Bite SurveillanceI2IT	Team member
12	TanishThakre	Start-UP-Surge	Safe Bite SurveillanceI2IT	Team member
13	Soham Agrawal	ChatGPT Masterclass	I2IT	Participant
14	B.N.Nachiket	ChatGPT Masterclass	I2IT	Participant
15	Harshdeep Bhardwaj	Drone Application Hackathon	IEEE AESS	Participant
16	Narendra Patil	Drone Application Hackathon	IEEE AESS	Participant
17	Soham Agrawal	Trading Challenge	SRCC(DU)	Participant
18	B.N.Nachiket	TEDxSIU	TEDxSIUHinjewadi	Participant
19	Soham Agrawal		IIT Bombay	Participant
20	B.N.Nachiket	MHT-CET	I2IT	Participant
21	B.N.Nachiket	Global Testing Retreat	GTR	Organizing Team Member
22	TapanSalunke	Data Science Course	Data Science Foundation	Participant
23	RohiniSharadSaste	Top Notch Professional in 4.0 technology	NXT WAVE	Participant
24	Narendra Patil	Android Development	I2IT	Participant
25	PrabhanjanDeshmu kh	Project Management Job Simulation	ACCENTURE	Participant
26	VaishnaviGhadge	NASSCOM	NAST TECH	Participant



27	DhruvDeore	Training & editing activity in open streetmap	I2IT	Participant
28	DareshAndholkar	Training & editing activity in open streetmap	I2IT	Participant
29	AtharvMahulkar	Training & editing activity in open streetmap	I2IT	Participant
30	AnujRaut	Training & editing activity in open streetmap	I2IT	Participant
31	AsthaMahulkar	Training & editing activity in open streetmap	I2IT	Participant
32	Joel Jimmy	Training & editing activity in open streetmap	I2IT	Participant
33	GauriBirajdar	Training & editing activity in open streetmap	I2IT	Participant
34	Prince Ostwal	Training & editing activity in open streetmap	I2IT	Participant
35	ReshmaNawale	Training & editing activity in open streetmap	I2IT	Participant
36	PrachiBaravkar	Training & editing activity in open streetmap	I2IT	Participant
37	Om Khushwah	Training & editing activity in open streetmap	I2IT	Participant
38	ShlokJathar	Training & editing activity in open streetmap	I2IT	Participant
39	ShivanshuMethapatil	Training & editing activity in open streetmap	I2IT	Participant
40	SamrudhiBambale	Training & editing activity in open streetmap	I2IT	Participant
41	SudhanshuPatil	Training & editing activity in open streetmap	I2IT	Participant
42	Soham Agrawal	Training & editing activity in open streetmap	I2IT	Participant



43	VedantJagtap	Training & editing activity in open streetmap	I2IT	Participant
44	VirajPandit	Training & editing activity in open streetmap	I2IT	Participant
45	Vaibhavi Shah	Training & editing activity in open streetmap	I2IT	Participant
46	ShrushtiTalekar	Training & editing activity in open streetmap	I2IT	Participant
47	Soham Agrawal	Table Tennis	I2IT	Participant
48	Soham Agrawal	Futsal	I2IT	Runner Up
49	SarthakPatil	Futsal	I2IT	Runner Up
50	OM MORE	Tug of War	I2IT	winner
51	Ram Ahire	Basketball	FESA(I2IT)	winner
52	VaishnaviGhadge	Volleyball	FESA(I2IT)	winner
54	Soham Agrawal	Article Writing	SIIB	Participant
55	Soham Agrawal	Psychological First Aid	Heartfulness Institute	Participant
56	Soham Agrawal	Book Review Competition	I2IT	Participant
57	Somesh Sinha	Speak for India ,Debate Competition	AbasahebGarware College	Participant
58	Somesh Sinha	Speak for India ,Debate Competition	MIT AOE,Pune	Participant
59	SiddharthShete	PR COMMITTEE	I2IT	Participant
60	B.N.Nachiket	PR COMMITTEE	I2IT	Participant
61	VaishnaviGhadge	PR COMMITTEE	I2IT	Participant
62	B.N.Nachiket	Blood Donation	NSS UNIT I2IT	Doner
63	B.N.Nachiket	Blood Donation	Acharya Annandrishji bloodcenter ,pune	Doner
64	SamruddhiDombe	Flashmob CULTURAL	I2IT	Participant



65	SamruddhiDombe	Cleanliness Drive	FESA(I2IT)	Participant
66	BhagyashreeChoudhari	Art Exhibition	Dhruva (I2IT)	Participant
67	VaishnaviGhadge	Theme Reveal	Dhruva (I2IT)	Participant

- Participation of teachers in various activities as members of committees at University level, State level, National level, International level bodies

Sr. No.	Name of Faculty	Members of committees at University level / State level /International Level as
NIL		

- Details of teachers appointed/ Nominated on Editorial Boards / Reviewers

Sr. No.	Name of Faculty	Name of Editorial Boards/ Conference
NIL		

- Awards / Prizes and recognitions received by teachers at university, state, national and international level:

Sr. No.	Name of Faculty	Name of Award
NIL		

- Details of teachers participated in Refresher courses, Orientation courses, Seminars, Workshops, and Conferences at national and international levels.

Sr. No.	Name of Faculty	FDP/STTP/Workshop / Conference Title	Organized by	Duration (in days / weeks)
1	Prof. BhavanaTayde	Quality Teaching and Learning in HEI's	IOT Academy, Tamilnadu	7



2	Prof.PriyaPawar	Data Science for Buisness	VIIT Pune	5
3	Dr.SmitaNande	Webinar	AjeenkyaD.Y.Patil School of Engineering	1
4	Prof. Santosh Ambare	Modern Trends of Design Thinking, Sciences and Professional Skills in Engineering	Department of Applied Sciences and Humanities, MIT school of computing, MIT ADT University, LoniKalbhor.	12
5	Prof. Pooja Khatkale	Modern Trends of Design Thinking, Sciences and Professional Skills in Engineering	Department of Applied Sciences and Humanities, MIT school of computing, MIT ADT University, LoniKalbhor.	12
6	Prof.PriyaPawar	Modern Trends of Design Thinking, Sciences and Professional Skills in Engineering	Department of Applied Sciences and Humanities, MIT school of computing, MIT ADT University, LoniKalbhor.	12
7	Prof. RakhiWagh	Improving 21st century teaching skills using technological tools"	Sinhgad Academy of Engineering, Kondhwa (Bk.), Pune - 411048	5
8	Prof. Pooja Khatkale	Exploring Recent Trends in Applied Mathematics and Machine Learning	KLH Universiy	5

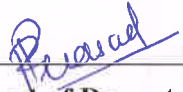
Any other information



Declaration by HOD:

I am aware that the above information provided by the department will be validated by the AAA committee during the visit.

Date : 08/08/2024


Head of Department

Overall Observations /Remarks of the verification Committee:

A. Important deficiencies / weaknesses (not more than five)

- 1) No Publications
- 2) No FDP / workshop for faculty

B. Important strengths (not more than five)

- 1) ~~Two~~ Two students of FE got Internship.
- 2) ~~Good~~ Strong Academics
- 3) Strong participation of students in every



4) Good result.

C. Recommendations:

- 1) Faculties should be motivated for Research publications, patents, IPR, Copyrights
- 2) should ~~prepare~~ plan for some workshop or FOP for faculties

i) 

ii) 

iii) 
iii)

(Signature & Names of Committee Members)



11/11/11

11/11/11

1. The first part of the report is devoted to a description of the work done during the year. This is followed by a summary of the results obtained and a discussion of the conclusions drawn from them. The final part of the report is devoted to a list of references and a list of names of persons who have assisted in the work.

11/11/11

11/11/11

11/11/11

