



**INTERNAL QUALITY ASSURANCE CELL (IQAC)**  
**ACADEMIC AND ADMINISTRATIVE AUDIT**

**For ACADEMIC YEAR: 2020-2021 SEM - I**

**(Provide information for Academic Year 2020-2021 SEM - I)**


**Section I: Basic Information**

1	Audit Date	23/03/2021
2	Name of Department	Information Technology
3	Head of Department	Dr. Nitin Dhawas
4	Number of Full time teachers	1 Dr. Nitin Dhawas 2 Mr. Nitin Wankhede 3 Mrs. Sharadha Kirve 4 Mrs. Prema Sahane 5 Mrs. Sushma Bhosale 6 Mrs. Sonali Patil 7 Mr. Shankarrao Ugale 8 Prof. Radha Deoghare
5	Number of Technical Staff	8
6	Number of Student	SE: 78 TE: 78 BE: 75
7	Student Full Time Teacher Ratio	231

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

  
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- **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 students (TE/BE)**

Sr. No	Name of Elective Course	Semester
1	Business Analytics and Intelligence	I
2	Software Testing and Quality Assurance	I

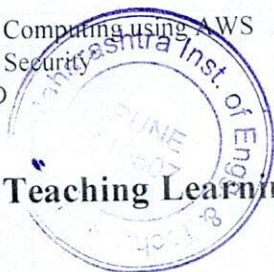
- **List of audit courses in CBCS system conducted by department**

Sr. No	Name of Audit Course	Class	Semester
1	Statistical Learning Model using R	BE	I
2	Foreign Language-(Japanese Language- III )	TE	I
3	Humanities and Social Sciences	SE	I

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

Sr. No	Name of Value Added Course	Date of Event	No of Students Participated
1	Cloud Computing using AWS	12th Oct,2020 to 16th Oct,2020	130
2	Cyber Security	18h Jan, 2021 to 23rd Jan,2021	60
3	QCAD	16/05/21 to 20/05/21	126

**Section III: Teaching Learning & Evaluation**



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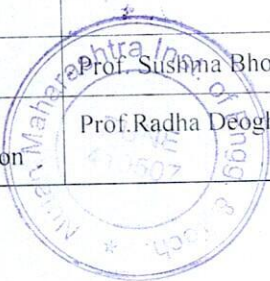
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➤ Course / Curriculum Delivery

Sr. No.	Name of Subject	Name of Faculty	No. of Lectures / Practical's as Per Syllabus	No. of Lectures / Practical's as Per teaching plan / Lab Conducted Plan	No. of Lectures/ Practical Conducted
1	Discrete Mathematics	Prof.Kirti Takale	36	40	40
2	Computer Organization & Logic Design	Prof. Sushma Bhosale	36	38	38
3	Data Structures and Algorithms	Prof. Nitin Dhawas	36	39	39
4	Object Oriented Programming	Prof. Shradha Kirve	36	38	38
5	Basics of Computer Network	Prof. Sushma Bhosale	36	38	39
6	Computer Organization & Logic Design Lab	Prof. Sushma Bhosale	12	12	12
7	Data Structures and Algorithms Lab	Prof. Sonali Patil	12	12	12
8	Object Oriented Programming Lab	Prof. Shradha Kirve	12	12	12
9	Soft Skill	Prof. Sushma Bhosale	12	12	12
10	Theory of Computation	Prof.Radha Deoghare	48	50	50



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11	Operating Systems	Prof. Prema Sahane	48	51	51
12	Database Management System	Prof. Nitin Wankhede	48	50	50
13	Human Computer Interaction	Prof. Sonali Patil	36	38	38
14	Software Engineering and Management	Prof. Nitin Dhawas	36	38	38
15	Software Lab I	Prof. Nitin Wankhede	12	12	12
16	Software Lab II	Prof. Prema Sahane	12	12	12
17	Software Lab III	Prof. Supriya Yadav	12	12	12
18	Information and Cyber Security	Prof. Nitin Dhawas	36	38	38
19	Machine Learning and Applications	Prof. Prema Sahane	48	50	50
20	Software Design and Modeling	Prof. Radha Deoghare	36	38	38
21	Elective-I (Business Analytics and Intelligence)	Prof. Nitin Wankhede	36	38	38
22	Elective -II (Software Testing and Quality Assurance)	Prof. Shradha Kirve	36	39	39
23	Computer Laboratory-VI (ICS&MLA)	Prof. Nitin Dhawas	12	12	12



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24	Computer Laboratory-VIII (SDM)	Prof. Sonali Patil & Prof. Radha Deoghare	12	12	12
25	Project Phase-I	Prof. Radha Deoghare	12	12	12

➤ Use of ICT Tools in Teaching Learning

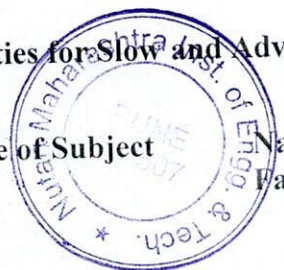
Sr. No.	Name of Faculty	Name of Subject for which ICT Used	ICT Tool / Technique Used
1	Prof. Kirti Takale	Discrete Mathematics	PPTs, video, Online Quiz etc
2	Prof. Sushma Bhosale	Computer Organization & Logic Design	PPTs, video etc
3	Prof. Radha Deoghare	Theory of Computation	PPTs, video, Online Quiz etc
4	Prof. Prema Sahane	Operating Systems	PPTs, video etc

➤ List of Expert Lecturers / Workshops Conducted

Sr. No	Expert Lecture Topic Name	Expert Speaker /	Date of	Target Audience (FE/ SE / TE/ BE)
1	Online Session on Webex Meetings	Mr. Kiran More	21/07/2020	All IT Students
2	Online Session on IIT Bombay Spoken Tutorial	Prof. Prema Sahane	21/09/2020 to 25/09/2020	All IT Students
3	Online Session on Python Programming	Prof. Prema Sahane	18/07/2020	All IT Students
4	Guest Lecture on Computer Security	Prof. Nitin Dhawas	26/07/2020	All IT Students
5	Internship Opportunities for IT Students	Mr. Ravi Patki	15/07/2020	All IT Students

➤ Activities for Slow and Advanced Learner

Sr. No.	Name of Subject	Name of Faculty	Slow	No. of Sessions	Activities /



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			Learners / Adv. Learners Identified (Yes / No)	Conducted for Slow Learners	Task Assigned for Advanced Learner
1	Discrete Mathematics	Prof.Kirti Takale	YES	01	Assignment
2	Computer Organization & Logic Design	Prof. Sushma Bhosale	YES	02	Assignment
3	Theory of Computation	Prof.Radha Deoghare	YES	01	Assignment Problem to solve

> **List of Bridge Courses Conducted**

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

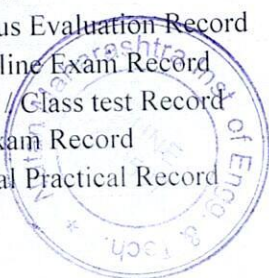
> **Counselling and Mentoring**

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
231	8	1:28

> **Internal Evaluation System**

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



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6	Seminar / Project Review Record	Yes
7	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**

❖ **Semester I**

Sr. No.	Particular	SE	TE	BE
1	Number of Students Appeared	78	78	75
2	Number of All cleared Students	77	78	75
3	Number of Students Passed with Distinctions	77	78	75
4	Number of Students Passed with First Class	-	-	-
5	Number of Students Passed with Higher Second Class	-	-	-
6	Number of Students Passed with Second Class	-	-	-
7	Number of Students Failed	-	-	-
8	Passing Percentage	98.71	100%	100%

➤ **Remedial Coaching**

Sr. No.	Name of Subject for which Remedial Coaching Conducted	Name of Faculty	Class	Semester
1	Data Structures and Algorithms	Prof. Nitin Dhawas	SE	1
2	Object Oriented Programming	Prof. Shradha Kirve	SE	1



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3	Basics of Computer Network	Prof. Sushma Bhosale	TE	I
4	Theory of Computation	Prof. Radha Deoghare	TE	I

### Section IV: Structured Feedback

Sr. No.	Particular	Yes / No	Remark (if any) Yes
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	01
Number of Publication in International Journals	01
Number of Publication in National Conferences	00
Number of Publication in International Conferences	00

National Journal



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Sr. No.	Title of Paper	Name of the Author/s	Name of Journal	ISBN/ISSN	Number
1			NIL		

**International Journal**

Sr.No	Faculty Name	Journal /conference	Year	Link
1	Shraddha Kirve	International Journal of Advanced Research in Computer and Communication Engineering(IJARCCCE)	2020-2021	2278-1021 <a href="https://ijarccce.com/papers/smart-college-campus-portal/">https://ijarccce.com/papers/smart-college-campus-portal/</a>

**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	Design of Optimized Stable Routing Protocol using Mobility Prediction Algorithm for Resource Constrained Ad-hoc	Nitin Dhawas. Dr. Lalitkumar Wadhwa	ICAET - 2020	ICAET - 2020		UGC Care



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Communication Networks

**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
		NIL	

➤ **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
		NIL	

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



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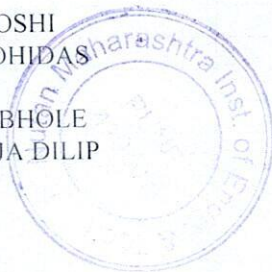
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Sr. No.	Name of Industry / Company Research Institute / Partnering Institution	Date of commencement	Duration
1	Logipool Infotech		
2	I2I Specialist Pune		
3	Wisdom Sprouts		
4	Mael Inde Pvt. Ltd.		
5	Success Vision Softech, Pune.		
6	ATS Infotech Pvt. Ltd.		
7	Bharat Soft Solutions Pune		
8	JSM Infotech Pvt. Ltd. Pune		
9	iTpreneur		

## Section VII: Student Progression

### > Placements

Sr. No.	Name of Students	Name of Company
1	ACHAL DEEPAK BUTE	Atos
2	ADITYA SHANTARAM SAKORE	Atos
3	AJAY DEEPAK BHUJBAL	Planet Spark
4	AJAY SOMNATH THAKAR	TCS-N
5	AMAN HANIF SHAIKH	Verificent Technologies
6	AMRUTA SANJEEV OVHAL	sensible
7	ANIKET NAMDEV JADHAV	Birlasoft
8	ANIKET SUTAR	vodafone offcamp
9	ANKITA ANANDA SABALE	infosys
10	ANKRUTA AKARSHI PATRA	TCS-N
11	ASHISH HALLE	Verificent Technologies
12	ATHARV MILIND JOSHI	Verificent Technologies
13	BHOR UJJWALA ROHIDAS	Birlasoft
14	CHAITANYA.NAIR	Yardi
15	DARSHAN ASHOK BHOLE	TCS-N
16	DESHMUKH RUTUJA DILIP	Kanaka Software



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17	DESMOND CHRISTO RODRIGUES	L Cube
18	DURGESH PRAVIN PATIL	Capgemini
19	GAIKWAD NISHA NARAYAN	Emtec
20	GAURAV MAHADEV RAJUKAR	Verificient Technologies
21	JUSTIN THOMAS	Capgemini
22	KAREKAR ADITYA MAHESH	FACE
23	Aishwarya Deshmukh	Sagitec
24	Ganesh Datta Ranmale	Persistent
25	Vikram R. Shinde	Logyana Solution Private Limited
26	YASH MURLIDHAR BHAKRE	Verificient Technologies
27	VIVEK BHAVSAR	Coditas
28	VAISHNAVI SANJAY AMBAWALE	TCS-N
29	SUJATA SUNIL JUNARE	Verificient Technologies
30	TAKALE PRANJALI SANJAY	Eclerx
31	UTKARSH PRALHAD BHANGALE	Amazon
32	VAIBHAV GANESH SURVASE	Neosoft Technologies
33	SHRUTI DHANAJI KALE	DXC Technology
34	Aishwarya Deshmukh	Sagitec
35	Ganesh Datta Ranmale	Persistent
36	Vikram R. Shinde	Logyana Solution Private Limited
37	YASH MURLIDHAR BHAKRE	Verificient Technologies
38	VAISHNAVI SANJAY AMBAWALE	TCS-N
39	SUJATA SUNIL JUNARE	Verificient Technologies
40	TAKALE PRANJALI SANJAY	Eclerx
41	UTKARSH PRALHAD BHANGALE	Amazon
42	VAIBHAV GANESH SURVASE	Neosoft Technologies
43	SHUBHANGI SHAM MAHAJAN	Aforserve
44	SHRUTI DHANAJI KALE	DXC Technology

➤ **Higher Education**

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

**Section VIII Activity Conducted / Organized by Department**

➤ **Technical Event / Workshop for Students**

Sr. No.	Name of Event / Workshop	Organized under (Department /)	Date of Event	Level	Na. Of Participants
				Principal	



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		Student Association / Profession Chapter / Student Club)	( University / State/ National / International)	
1	Cloud Computing using AWS	Organized under Department	12th Oct,2020 to 16th Oct,2020	College level 130
2	Cyber Security	Organized under Department	18h Jan, 2021 to 23rd Jan,2021	College level 60
3	QCAD	Organized under Department	16/05/21 to /05/21	College level 126

➤ 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	Prof. Nitin Wankhade	Paper setter at University



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➤ **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, Conferences at national and international levels.**

Sr. No.	Name of Faculty	FDP/STTP/Workshop/ Conference Title	Date	Duration (in days / weeks)
1	Dr. Nitin Dhawas	FDP on "Research Trends in computer engineering and information technology"	04-01-2021 to 09-01-2021	1 week
2	Prof. Shradha Kirve	FDP on "Research Trends in computer engineering and information technology"	04-01-2021 to 09-01-2021	1 week
3	Prof. Aditi Das	5 days online STTP on "IOT and its applications in industry"	08-06-2020 to 12-06-2020	1 week
4	Prof. Supriya Yadav	FDP on "Research Trends in computer engineering and information technology"	04-01-2021 to 09-01-2021	1 week
5	Prof. Swati Khalde	FDP on "Research Trends in computer engineering and information technology"	04-01-2021 to 09-01-2021	1 week
6	Prof. Prema Sahane	FDP on "Research Trends in computer engineering and information technology"	04-01-2021 to 09-01-2021	1 week



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

  
Head of Department

Date:

**Recommendations:**

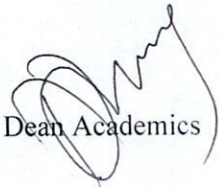
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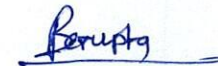
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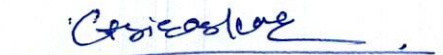
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External Auditor 2



  
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