



Rajgad Dnyanpeeth's
SHRI CHHATRAPATI SHIVAJIRAJE COLLEGE OF ENGINEERING
 S. No. 237, Satara-Pune, NH-4, Dhangawadi, Tal: Bhor, Dist: Pune -412205 (MS), India.
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Internal Quality Assurance Cell

Academic and Administrative Audit

For Academic Year: 2021-2022

(Provide Information for Academic Year 2021-2022)

Section I: Basic Information

1	Audit Date	07-07-2022
2	Name of Department	Computer Engineering
3	Head of Department	Prof. B. D. Thorat
4	Number of Full time teachers	10
5	Number of Technical Staff	02
6	Number of Student	228
7	Student Full Time Teacher Ratio	22:1

Section II: Curricular Aspects

A. Academic Planning

Sr.No	Particular	Available 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	



B. 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.	Prof. A. S. Sondkar	Participant	One day Syllabus Revision Online FDP on Human Computer Interface Elective – I B(TE 2019 Course)	TE
2.	Prof. B.D. Thorat	Participant	Syllabus implementation Workshop for the course of Theory of Computation (310242) (TE 2019 Course)	TE
3.	Prof. S. B. Shirke	Participant	Faculty Orientation Program on Web Technology and Web Technology Lab (TE 2019 Course)	TE
4.	Prof. K. S. Khamkar	Participant	One day Syllabus Revision Online FDP on Data Science and Big Data Analytics (310251)(TE 2019 Course)	TE
5.	Prof. A. R. Nawadkar	Participant	Faculty Orientation Workshop TE Artificial Intelligence(310253) Revised Syllabus 2019 Course	TE
6.	Prof. G. B. Yadav	Participant	One Day Faculty Development Program for Database Management System. (TE 2019 Course)	TE
7.	Prof. K. C. Gholasgaon	Participant	Workshop on Internet of Things and Embedded Systems TE-Semester I (2019 course)	TE
8.	Prof. B. R. Bhatti	Participant	One day Syllabus Revision Online FDP on Computer Security and Network. (TE 2019 Course)	TE

C. List of Elective Courses in Elective Course System offered by department to final year students.

Sr.No.	Name of Elective Course	Semester
1.	Data Mining and Warehousing	VII
2.	Software Testing and Quality Assurance	VII
3.	Embedded and Real Time Operating System	VIII
4.	Cloud Computing	VIII



D. List of audit courses in CBCS system offered by department

Sr.No.	Name of Audit Course	Class	Semester
1	Environmental Studies	SE	III
2	Water Management	SE	IV
3	Cyber Security	TE	V
4	Digital & Social Media Market	TE	VI
5	Entrepreneurship Development	BE	VII
6	Business Intelligence	BE	VIII

E. 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
1.	Workshop on Programming Languages-1 (C and C++)	SE	60
2.	Workshop on Python Programming	TE	55

Section III: Teaching Learning & Evaluation**A. Course / Curriculum Delivery**

Sr No	Name of Subject	Name of Faculty	No. of Lectures / Practical as Per Syllabus	No. of Lectures/ Practical as per teaching plan / Lab Plan	No. of Lectures/ Practical Conducted
Semester I (SE)					
1	Discrete Mathematics	Prof. Tapare	03/--	42/--	42/--
2	Digital Electronics and Logic Design / Digital Electronics Lab	Prof. J. J. Bandal	03/02	42/28	42/28
3	Fundamentals of Data Structures/Data Structure Laboratory	Prof. K. S. Khamkar	03/04	42/64	42/64
4	Computer Graphics/ CG Lab	Prof. K. C. Gholasgaon	03/02	42/28	42/28
5	Object Oriented Programming /OOP Lab	Prof. S. B. Shirke	03/02	42/28	42/28



6	Business Communication Skill	Prof. A. S. Sondkar	--/02	--/30	--/30
7	Humanity and Social Science	Prof. K. S. Khamkar	01/--	16/--	16/--
TE					
8	Theory of Computation	Prof. B. D. Thorat	03/--	45/--	46/--
9	Database Management Systems (DBMS) /DBMS Lab	Prof. K.S. Diwate	03/04	45/56	47/56
10	System Programming and Operating System	Prof. A. S. Sondkar	03/--	45/--	46/--
11	Internet of Things and Embedded System.	Prof. K. S. Khamkar	03/--	45/--	45/--
12	Computer Network and Security / Computer Network Lab	Prof. A. R. Nawadkar	03/02	45/28	43/26
13	Laboratory Practice – I	Prof. K. S. Khamkar	--/04	--/56	--/54
14	Seminar and Technical Communication	Prof. S. B. Shirke	--/01	--/16	--/16
BE					
15	High Performance Computing / Laboratory Practice I	Prof. K. C. Gholasgaon	04/02	54/28	50/25
16	Artificial Intelligence and Robotics / Laboratory Practice I	Prof. G. B. Yadav	03/02	48/28	47/26
17	Data Analytics	Prof. K.S. Diwate	03/--	48/--	46/--
18	Elective I – Data Mining and Warehousing/ Laboratory Practice II	Prof. S. B. Shirke	03/02	48/28	48/26
19	Elective II - Software Testing and Quality Assurance / Laboratory Practice II	Prof. A. R. Nawadkar	03/02	48/28	48/24
Semester II (SE)					
20	Engineering Mathematics III	Prof. Y. G. Jadhav	03/--	46/--	48/--
21	Data Structure and Algorithm / Data Structure and Algorithm Laboratory	Prof. K. S. Khamkar	03/04	44/56	42/50
22	Software Engineering	Prof. S. B. Shirke	03/--	41/--	42/--
23	Microprocessor / Microprocessor Laboratory	Prof. B. R. Bhatti	03/02	45/28	43/26



24	Principles of Programming Languages	Prof. K. C. Gholasgaon	03/--	41/--	42/--
25	Project Based Learning II	Prof. A. R. Nawadkar	--/04	--/48	--/46
26	Code of Conduct	Prof. A. R. Nawadkar	--/01	--/14	--/12
TE					
27	Data Science and Big Data Analytics / Data Science and Big Data Analytics Laboratory	Prof. K. C. Gholasgaon	04/04	54/54	52/50
28	Web Technology / Web Technology Laboratory	Prof. S. A. Metkari	04/02	54/28	52/24
29	Artificial Intelligence/ Laboratory Practice-II	Prof. S. A. Metkari	04/02	54/28	53/24
30	Information Security / Laboratory Practice-II	Prof. S. B. Shirke	03/--	45/02	44/24
BE					
31	Machine Learning / Laboratory Practice III	Prof. B. D. Thorat	03/02	48/28	45/24
32	Information and Cyber Security / Laboratory Practice III	Prof. S. B. Shirke	03/02	48/28	48/24
33	Elective III – ERTOS/ Laboratory Practice IV	Prof. K. S. Khamkar	03/02	48/28	46/24
34	Elective IV - Cloud Computing / Laboratory Practice IV	Prof. B. R. Bhatti	03/02	48/28	45/20

B. 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. A. S. Sondkar	System Programming and Operating System, Business Communication Skill,	Moodle, PPT, Google Meet, Zoom, You tube, Whats app, Blackboard, Chalk
2.	Prof. B. D. Thorat	Theory of Computation, Machine Learning, Laboratory Practice III, Project Based Learning II	Google Meet, Whats app Moodle, PPT, Zoom, You tube, Blackboard, Chalk
3.	Prof. G. B. Yadav	Artificial Intelligence and Robotics, Laboratory Practice-I	PPT, Moodle, Whats app, Google Meet, Zoom, You tube.
4.	Prof. K. S. Khamkar	Fundamentals of Data Structures, Data Structure Lab, Embedded Systems & Internet of Things, ES & IOT Lab, Elective III – ERTOS, LP-	You tube , Zoom, Moodle, PPT, Google Meet, You tube, Whats app, Blackboard, Chalk



		IV. Data Structure and Algorithm, Data Structure and Algorithm Lab.	
5.	Prof. S. B. Shirke	Object Oriented Programming, Object Oriented Programming and Computer Graphics Laboratory, Data Mining and Warehousing , Software Engineering, Information and Cyber Security, LP-III, Seminar and Technical Communication	Google Meet, Whats app Moodle, PPT, Zoom, You tube, Blackboard, Chalk
6.	Prof. K. C. Gholasgaon	Computer Graphics, Object Oriented Programming and Computer Graphics Laboratory, High Performance Computing, Laboratory Practice I, Principles of Programming Languages, Data Science and Big Data Analytics, Data Science and Big Data Analytics Laboratory.	You tube , Zoom, Moodle, PPT, Google Meet, You tube, Whats app, Blackboard, Chalk
7.	Prof. B. R. Bhatti	Microprocessor, Microprocessor Lab, Elective IV - Cloud Computing, Laboratory Practice-IV	PPT, Moodle, Whats app, Google Meet, Zoom, You tube, Blackboard, Chalk
8.	Prof. K.S. Diwate	Database Management Systems, Database Management Systems Lab,	Moodle, PPT, Google Meet, Zoom, You tube, Whats app, Blackboard, Chalk
9.	Prof. A R. Nawadkar	Computer Networks (CN), Computer Network Lab, Systems Programming & Operating System (SP & OS), SP & OS Lab.	Google Meet, Whats app Moodle, PPT, Zoom, You tube, Blackboard, Chalk
10.	Prof. S. A. Metkari	Web Technology, Artificial Intelligence, Web Technology Lab, Laboratory Practice-II	You tube , Zoom, Moodle, PPT, Google Meet, You tube, Whats app, Blackboard, Chalk

C. List of Expert Lecturers /Guest Lectures/ Workshops Conducted

Sr.No	Expert Lecture Topic Name	Expert Speaker / Resource Person	Date of Conduction	Target Audience (FE/SE/TE/BE)
1.	Guest Lecture on Block Chain	Mr. Gajanan Bhole	13-12-2022	BE
2.	Guest Lecture on Cyber Security	Mrs. Bhakti Bhatti	13-09-2021	TE, BE
3.	Workshop on Software Testing	Mr. Pramod Patil	12-04-2022 to 13-04-2022	TE, BE
4.	Workshop on Machine Learning	Mr. Lomesh Ahire	20-09-2021 to 21-09-21	BE
5.	Guest Lecture on Python Programming	Dr. Mahendra Pawar	11-10-2021	BE
6.	Guest Lecture on Computer Network	Mr. Deepak Bhosale	10-01-2022	BE



D. 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	Activities / Task Assigned for Advanced Learner
1.	Digital Electronics and Logic Design	Prof. J. J. Bandal	Yes	4Hrs	Yes
2.	Data Structure and Algorithm	Prof. K. S. Khamkar	Yes	4Hrs	Yes
3.	Computer Graphics	Prof. K. C. Gholasgaon	Yes	3Hrs	Yes
4.	Object Oriented Programming	Prof. S. B. Shirke	Yes	3Hrs	Yes
5.	Theory of Computation	Prof. B. D. Thorat	Yes	3Hrs	Yes
6.	Database Management System	Prof. K. S. Diwate	Yes	3Hrs	Yes
7.	Theory of Computation	Prof. B. D. Thorat	Yes	3Hrs	Yes
8.	System Programming and Operating System	Prof. A. S. Sondkar	Yes	3Hrs	Yes
9.	Computer Networks and Security	Prof. A. R. Nawadkar	Yes	3Hrs	Yes
10.	Internet of things and Embedded System	Prof. K. S. Khamkar	Yes	3Hrs	Yes
11.	High Performance Computing	Prof. K. C. Gholasgaon	Yes	3Hrs	Yes
12.	Artificial Intelligence and Robotics	Prof. G. B. Yadav	Yes	4Hrs	Yes
13.	Data Analytics	Prof. K. S. Diwate	Yes	3Hrs	Yes
14.	Data Mining and Warehousing	Prof. S. B. Shirke	Yes	3Hrs	Yes
15.	Software Testing and Quality Assurance	Prof. A. R. Nawadkar	Yes	3Hrs	Yes



E. List of Bridge Courses Conducted

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

F. Counseling and Mentoring

No. of Students in Department	No. of Full Teachers in Department	Mentor: Mentee Ratio
228	10	1:22

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	

G. Internal Evaluation System

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

H. 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	



I. Student Performance in University Exam

1. Semester I

Sr.No.	Particular	SE	TE	BE
1	Number of students appeared	77	77	72
2	Number of All Clear Students	77	77	72
3	Number of students passed with distinction	64	77	67
4	Number of students passed with first class	11	0	4
5	Number of students passed with higher second class	1	0	1
6	Number of students passed with second class	1	0	0
7	Number of Students Failed	0	0	0
8	Passing Percentage	100	100	100

2. Semester II

Sr.No.	Particular	SE	TE	BE
1	Number of students appeared	77	44	72
2	Number of All Clear Students	54	23	67
3	Number of students passed with distinction	12	8	4
4	Number of students passed with first class	27	2	0
5	Number of students passed with higher second class	12	0	0
6	Number of students passed with second class	0	0	0
7	Number of Students Failed	23	0	1
8	Passing Percentage	70	100	98.61

I. Remedial Coaching

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

B. Faculty Publications

Number of Publication in National Journals	07
Number of Publication in International Journals	04
Number of Publication in National Conferences	Nil
Number of Publication in International Conferences	Nil

C. National Journal

Sr.No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ ISSN Number
1.	A smart approach for car parking using android	K.S.Khamkar	Journal of advance research in mobile computing Volume 4 issue 1.	DOI: http://doi.org/10.5281/zenodo.6629693
2.	Online assessment and proctoring for candidate	K.S.Khamkar	Journal of Open source developments	ISSN:2395-6704



	recruitment at work place		Volume 9 Issue 1	
3.	Forecasting of Stock market trends using machine learning techniques	K.S.Khamkar	Journal of Advancement of computer technology and its applications	DOI: http://doi.org/10.5281/zenodo.6629999
4.	Person and object detection for blind using Python	S. B. Shirke	Journal of recent trends in programming languages volume 9 issue 1	ISSN: 2455-1821
5.	Detect-DR: Classification of Diabetic Retinopathy using Fractal Analysis and Random Forest	S. B. Shirke	Journal of advance in image processing and pattern recognition volume 5 issue 2	DOI: http://doi.org/10.5281/zenodo.6618843
6.	Agriculture Supply Chain using BCT	B. D. Thorat	Journal of recent innovation in wireless security Volume 4 issue 1	DOI: http://doi.org/10.5281/zenodo.6629532
7.	E-commerce Website for Small Scale Business with Neighborhood Shop and Product	B. D. Thorat	STM Journal for E-Commerce For Future and Trends	ISSN 2454-9347

D. International Journal

Sr.No.	Title of Paper	Name of the Author/s	Name of journal	ISBN/ ISSN Number
1	Automatic Image Tagging using Adversarial Learning	S. B. Shirke	International Engineering Research Journal Volume 3 Issue 4	ISBN- 6904-6907
2	Skin Decease Detection using Image Processing	B. D. Thorat	International Journal of Image Processing and Patten Recognition	ISSN-2395-1621
3	Shaming Tweet Detection Using ML	S. B. Shirke	International Journal of Mobile Computing Device Volume 8 issue 1	ISSN-2455-1821
4	Text Mining for Detecting The Viral Treats from The New Data Sets.	K.S. Khamkar	International Journal of Distributed Computing and Technology	ISSN-2455-7307



E. National Conference

Sr.No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
	Nil	Nil	Nil	Nil	Nil

F. International Conference

Sr.No.	Title of Paper	Name of the Author/s	Title of the Proceedings of the Conference	ISBN/ISSN Number	Publisher
	Nil	Nil	Nil	Nil	Nil

G. Books / Book Chapters

Sr.No.	Title of the Book/ Chapters Published	Name of the Author/s	ISBN/ISSN Number	Publisher
	Nil	Nil	Nil	Nil

Section VI: Collaborations & Linkages**A. Student Internships**

Sr.No.	Name of Student	Name of Sponsored Industry/ Research Institute/ Partner in Institution	Duration
1	Bardade Shubhada Chandrakant	Mythos Technology	5 Months
2	Bhargude Namrata Rohidas		
3	Dhumal Rohan Satish		
4	Hagawane Samruddhi Santosh		
5	Hingmire Namita Prafulla		
6	Khopade Pratiksha Deepak		
7	Khopade Pratiksha Sonba		
8	Papal Mahesh Shivaji		
9	Pujari Gauri Somnath		
10	Shendkar Ketan Dhananjay		
11	Waghmode Tushar Maharudra		
12	Bhandvalkar Diptee Balaso	JSM India Infosys	8 Months
13	Bhaskare Shrutika Sunil		
14	Chavan Rushikesh Genba		
15	Dhane Prajakta Sanjay		



16	Gorad Shrutika Gulab		
17	Jadhav Ashish Suresh		
18	Jagtap Prathmesh Suresh		
19	Khopade Pratiksha Sandeep		
20	Lekawale Pooja Mahadev		
21	Mahadik Megha Keshav		
22	Mandake Utkarsha Uday		
23	Morya Sandip Suresh		
24	Mulani Minaj Aslam		
25	Nale Pratiksha Manik		
26	Nigade Rutuja Anil		
27	Nikam Rutuja Sarjerao		
28	Pawar Pranali Prakash		
29	Raut Pratiksha Sunil		
30	Shingade Vidya Namdev		
31	Taware Kajal Hanumant		
32	Chikane Payal Bharat		
33	Rathod Bhimrao Devidas	L&D Infotech Pvt. Ltd.	2 Months
34	Ubhe Rutvik Baban		
35	Dhamal Ankita Vijay		
36	Dighe Vinayak Shankar	LetsGrowMore, Pune	1 Month
37	Gaikwad Rushikesh Ramdas		
38	Parkhande Priyanka Rohidas		
39	Jadhav Anuja Popat	Oasis Infobyte, Pune	1 Month
40	Kapure Meghsham Vinayak		
41	Solat Soham Santosh	Zapfire, Pune	8 Months
42	Vedpathak Dnyanal Kumar		
43	Malusare Kajal Sunil		
44	Pawar Sneha Sunil	Microversion Technologies	2 Months
45	Yadav Revati Vishvanath		
46	Margaje Nikita Suryakant	Creazione Software	5 Months
47	Bhosale Priyanka Hiralal		
48	Satpute Monali Rajendra		
49	Shirke Nishigandha Kundlik	Education 4 OL, Pune	2 Months
50	Walmiki Shivani Amit		
51	Bobade Prachi Santosh		
52	Borane Shubham Sandip		
53	Jadhav Dhiraj Anna		
54	Koli Gaurav Rajendra		
55	Korade Tujay Kamlakar		
56	Lawande Swapnil Bhalchandra	Oasis Infobyte	1 Month
57	More Preeti Arvind		
58	Saste Shubham Jalindar		
59	Theurkar Priyadarshan Dnyanoba		
60	Thombare Chandan Shekhar		
61	Bait Rukshita Dinesh		1 Month



62	Chavan Ritambara Shankar	Officika Technologies PVT.LTD.	
63	Dabade Suyash Sunil		
64	Dhadave Ajinkya Rohidas		
65	Dhadve Pragati Uddesh		
66	Gaikwad Shubhangi Suryakant		
67	Gaikwad Sushil Pandurang		
68	Gorad Akshada Rajendra		
69	Kamble Prashant Mohan		
70	Padale Tejas Chandrakant		
71	Patankar Samarjeet Satish		
72	Raut Pooja Sharad		
73	Shilimkar Namrata Rajendra		
74	Shinde Sandhya Prabhat		
75	Shivtare Harshada Sanjay		
76	Borsare Shubham Tarudutta		
77	Devgirikar Vidya Sambhaji		
78	Gawali Kartik Rakesh		
79	Kaluse Sahil Sanjay		
80	Khandale Kiran Prakash		
81	Khopade Ajit Dattatraya		
82	Kirve Makrand Shashikant		
83	Kshirsagar Prathamesh Dilip		
84	Mahandave Kunal Dilip		
85	Munde Abhijeet Bhagwat		
86	Todkar Omkumar Murlidhar	L&D Infotech PVT.LTD.	1 Month
87	Umbarkar Kunal Sunil		
88	Shinde Dipak Naresh	Sunanda Infotech PVT.LTD.	1 Month
89	Sonwane Sonal Eknath		
90	Yewale Yash Dattatray	K.P. Technologies	1 Month
91	Pawar Mayur Ravindra		
92	Kinhale Kajal Mohan	Prabhupada World	1 Month
93	Bhosale Shweta Sharad		
94	Kachi Aditi Jagdish	Forage	1 Month
95	Jagdale Harshada Shivaji		
96	Bhelke Shereya Umesh	College Ranker India	1 Month
97	Gaikwad Puja Balkrushna		
98	Dere Sunanda Muktararam	Abstract IT Solutions	1 Month
99	Asfiyan Nazim Attar	Shryash IT Solution	1 Month



B. Sponsored Projects

Sr.No	Project Title	Name of Student	Name of Sponsored Industry / Research Institute/ Partnering Institution
1.	Detectdr – Classification Of Diabetic Retinopathy Using Fractal Analysis And Random Forest	Yadav Poonam R. Malusare Kajal S. Yadav Revati V. Pawar Sneha S.	Microversion Technologies , Goldmine housing Society, Wai.
2.	Automatic Image Tagging using Machine Learning	Hingmire Namita P. Bhargude Namrata R. Mane Pratiksha D. Hagawane Samruddhi S.	Mythos Technology, Narhe, Pune.
3.	Precision Agriculture for Indian Context using Learning Techniques	Khopade Pratiksha S. Pujari Gauri S. Khopade Pratiksha D. Bardade Shubhada C	Mythos Technology, Narhe, Pune.
4.	Text Mining from The Web for Medical Intelligence	Ubhe Rutvik b. Rathod Bhimrao D. Chikane Payal B.	L&D Infotech Pvt. Ltd., DSK Vishwa, Pune.
5.	Online Assessment and protecting system for candidate recruitment at work places.	Dhamal Ankita V. Parkhande Priyanka R. Dighe Vinayak S. Gaikwad Rushikesh R.	Gsoft Solution Pvt. Ltd., Warje, Pune.
6.	Automatic Face Mask Detection System Using Deep Learning	Dhumal Rohan S. Papal Mahesh S. Waghmode Tushar M. Shendkar Ketan D.	Mythos Technology, Narhe, Pune.

C. Industrial Visits

Sr.No.	Name of industry / Company Research Institute / Partnering Institution	Date of Visit	Number of Student Participated
1.	QualEx Systems Pvt. Ltd., Pune.	01-03-2022	62

D. Functional Memorandum of Understanding (MOU)

Sr.No.	Name of industry / Company Research Institute / Partnering Institution	Date of Commencement	Duration
1.	Microdynamic Software Pvt. Ltd., Pune	10-07-2017	5 Years
2.	Genius World Centre Pvt. Ltd.	08-08-2016	10 Years
3.	Web Minds IT Solutions, Pune	20-10-2020	5 Years
4.	L & D Infotech Pvt. Ltd.,Pune.	17-12-2021	5 Years
5.	Petronix Technologies Pvt. Ltd., Pune.	03-03-2022	5 Years



E. Activities through MOU

Sr. No.	Name of Industry/ Institute/ Partnering Institution	Date of Activity	Name of activity	Number of student participated
1.	L & D Infotech Pvt. Ltd.,Pune.	Mar-May 2022	Internship	03
2.	Web Minds IT Solutions, Pune	13-09-2021	Expert Lecture by	55
3.	Microdynamic Software Pvt. Ltd., Pune	26-11-2021	Expert Lecture by Prachi Desai	50
4.	L & D Infotech Pvt. Ltd.,Pune.	20-07-2021	Project Sponsorship	03
5.	Petronix Technologies Pvt. Ltd., Pune	11-04-2022	Placement	08

Section VII: Student Progression**A. Placements****1. In Campus**

Sr.No	Name of Students	Name of Company
1	Dighe vinayak shankar	Ascent Technologies
2	Dhamal ankita vijay	
3	Shewale prathamesh prakash	
4	Dhumal rohan satish	
5	Ubhe rutvik baban	
6	Mahamuni hrishikesh narendra	
7	Hingmire namita prafulla	
8	Khopade pratiksha sonba	
9	Khopade pratiksha deepak	
10	Bhargude namrata rohidas	TE Connectivity
11	Nannaware rohini vikram	
12	Savale omkar shatrughna	
13	Chavan rushikesh genba	
14	Mahadik megha keshav	
15	Nale pratiksha manik	
16	Papal mahesh shivaji	Patronix Technologies Pvt. Ltd.
17	Mulani minaj aslam	
18	Waghmode tushar maharudra	
19	Pawar pranali prakash	
20	Mandake utkarsha uday	
21	Yadav poonam ramesh	
22	Bhaskare shrutika sunil	
23	Solat soham santosh	
24	Kulkarni tanvi sunil	
25	Salunke vivek sharad	
26	Chavan rushikesh genba	
27	Morya sandip suresh	
28	Savale omkar shatrughna	



29	Nikam rutuja sarjerao	
30	Renose asmita ramesh	
31	Pawar pranali prakash	Excel Technologies
32	Parkhande priyanka rohidas	
33	Satpute monali rajendra	
34	Ubhe rutvik baban	
35	Pujari gauri somnath	
36	Hagawane samruddhi santosh	Incrux Technology
37	Shingade vidya namdev	
38	Jadhav anuja popat	
39	Rathod bhimrao devidas	
40	Pawar sneha sunil	
41	Chavan rushikesh genba	Wipro Pari
42	Gorad shrutika gulab	
43	Khopade pratiksha sandeep	
44	Lekawale pooja mahadev	
45	Yadav revati vishvanath	
46	Bardade shubhada chandrakant	

2. Off Campus

Sr.No	Name of Students	Name of Company
1	Rushikesh Ramdas Gaikwad	Cap Gemini, Pune.
2	Tushar Maharudra Waghmode	
3	Kajal Hanumant Taware	
4	Ankita Vijay Dhamal	Infosys, Pune.
5	Pratiksha Sonaba Khopade	
6	Shubhada Chandrakant Bardade	
7	Renose Asmita Ramesh	
8	Mane Pratiksha Dattatray	
9	Shirke Anushka Vijay	
10	Dhane Prajakta Sanjay	
11	Bhandwalkar Diptee Balaso	
12	Pujari Gauri Somnath	
13	Pratiksha Sonaba Khopade	Wipro, Aalandi.
14	Namita Prafulla Hingmire	Wipro, Ahire.
15	Maithili Gajkumar Kothari	Wipro, Phaltan
16	Namita Prafulla Hingmire	Pentagon Space Pvt Ltd. Bangalore
17	Pawar pranali prakash	
18	Gauri Ramesh Kulkarni	
19	Shingade Vidya Namdev	
20	Ankita Vijay Dhamal	
21	Dhane Prajakta sanjay	
22	Kanade Payal Chandrakant	
23	Khopade Pratiksha Deepak	
24	Rathod Bhimrao Devidas	
25	Shirke Snehal Dilip	
26	Pratiksha Balaso Chavhan	TCS, Pune
27	Pratiksha Sunil Raut	KP Technosys, Pune



28	Rathod Bhimrao Devidas	Innova Solutions Pvt. Ltd, Bangalore
29	Lekwale Pooja Mahadev	Huron Eurasia Pvt.Ltd
30	Ankita Vijay Dhamal	HCL, Pune.
31	Ankita Vijay Dhamal	CISCO, Pune.
32	Ankita Vijay Dhamal	VOIS, Pune.
33	Namrata Bhargude	ATOS, Pune.
34	Nikita Margaje	Define Labs, Pune.
35	Snehal Shirke Dilip	Data Economy, Pune.
36	Poonam Yadav	

B. Higher Education

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

Section VIII: Activity Organized (Conducted) / Attended by Department

A. 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.	Poster Competition	Department	14-03-2022	Institute Level	40
2.	Project Competition	Department	15-03-2022	Institute Level	35

B. FDP / Workshop / STTP / Conference for faculty

Sr.No.	Name of Event/ Workshop	Date of Event	Level (University/ State/ National/ International)	No. of Participants
1.	Workshop on Cyber Security and Digital Forensic	10-02-2022 to 11-02-2022	Institute	15
2.	Workshop on Block Chain Technology	21-09-2021 to 22-09-2021	Institute	12



C. Technical and Non-technical event / workshop / Seminar attended by students

Sr. No.	Name of Student	Name of event	Date of Event	Organize by	Level (Institute/ University/ State/ National/ International)
Nil					

D. FDP/ workshop/ STTP/conference/ webinar attended by faculty.

Sr. No.	Name of Faculty	Name of event	Date of Event	Organize by	Level (Institute/ University/ State/ National/ International)
1.	Prof. K. S. Khamkar	Artificial Intelligence	24/01/2022	Bharati Vidyapeeth Lavale, Pune	University
2.	Prof. K. S. Khamkar	Data Science & Big Data Analytics	08-02-2022	International Institute of Information Technology.	State
3.	Prof. K. S. Khamkar	Faculty Orientation Program on Web Technology and Web Technology Lab	25/02/2022	K. K. Wagh Institute of Engineering, Education and Research, Nashik	University
4.	Prof. K. S. Khamkar	Electric Vehicles and Batteries	26/11/2021	Rajgad Dnyanpeeth, SCSCOE	Institute
5.	Prof. K. S. Khamkar	Yoga Day	26/06/2021	Rajgad Dnyanpeeth, SCSCOE	Institute
6.	Prof. S. B. Shirke	FDP on Imparting soft skill for success	04/01/2022 to 08/01/2022	Rajgad Dnyanpeeth, SCSCOE	Institute
7.	Prof. S. B. Shirke	Webinar on Current Industry Trends	24/11/2021	Rajgad Dnyanpeeth, SCSCOE	Institute
8.	Prof. S. B. Shirke	One day FDP on Artificial Intelligence.	24/01/2022	Bharti Vidyapeeth Collge of Engineering, Lavale.	University



9.	Prof. S. B. Shirke	Faculty Orientation Program on Web Technology and Web Technology Lab	25/02/2022	K. K. Wagh Institute of Engineering, Education and Research, Nashik	University
10.	Prof. B. R. Bhatti	National Level One week Online faculty development program on Internet of Things	11/01/2021 to 15/01/2021	Sharad Institute of Technology, Polytechnic, Yadrav.	MSBTE
11.	Prof. B. D. Thorat	One day faculty development program on Data Science & Big Data Analytics.	08/02/2022	International Institute of Information Technology.	University
12.	Prof. B. D. Thorat	One day FDP on Artificial Intelligence.	24/01/2022	Bharti Vidyapeeth Collge of Engineering, Lavale.	University
13.	Prof. B. D. Thorat	Online Elementary FDP on Quantum Computing For Real World Applications	17/01/2022 to 21/01/2022	AICTE Training and Learning (ATAL) Academy at VIT Pune.	AICTE
14	Prof. K. C. Gholasgaon	Three days National Level FDP on Research Tools for Data Science	29/03/2022 to 31/03/2022	Marathwada Mitra Mandal Institute of Technology, Pune	University
15	Prof. S. B. Shirke	One Week Online Faculty Development Program on Arduino Programming	21/06/2021 to 26/06/2021	MAEER's MIT Polytechnic, Pune.	MSBTE



Section IX: Achievements**A. Awards and Prizes received by students**

Sr.No.	Name of Student	Event Name/ Details	Organized by	Achievement / Position Prize
1	Prathmesh Shewale(BE)	National Photography Context: Face of India	Professional Photo Community	Top 3% Contest
2	Prathmesh Shewale(BE)	Asian Photography	Asian Photography	Published in Asian Photography Magazine June 2021 Issue
3	Prathmesh Shewale(BE)	Photo Publication in Magazine	Indian Photo Art's	Published in Indian Photo Art's Magazine June 2021 Issue
4	Prathmesh Shewale(BE)	Poster Publication in Magzine	Top Posters Magazine	Published in Top Posters Magazine Magazine October 2021 Issue
5	Shaikh Nilofar (SE)	Semi Talent Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
6	Dhumal Ankita (BE) Parkhande Priyanka (BE)	Cooking Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
7	Bhelake Shreya (TE) Gaikwad Shubhangi (TE)			Owned 2 nd Rank
8	Chavan Ritambara (TE) Gorad Akshada (TE)			Owned 3 rd Rank
9	Vedpathak Vaishnavi(SE) Salunkhe Sakshi (SE)	Rangoli Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
10	Shinde Rashmi (SE) Ganeshkar Gayatri (SE) Garud Akshada (TE) Bobade Prachi (TE)			Owned 3 rd Rank
11	Rajiwade Ketan (SE)	Photography Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
12	Bhosale Sayali (SE)	Tattoo Competition	RD's SCSCOE, Pune.	Owned 2 nd Rank
13	Bhosale Sayali (SE)	Coin Collection Competition	RD's SCSCOE, Pune.	
14	Bhelke Shreya (TE)	Essay Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
15	Shivhare Harshada (TE)			Owned 2 nd Rank
16	Gaikwad Sakshi (SE)	Slogan Writing Competition	RD's SCSCOE, Pune.	Owned 3 rd Rank
17	Bhingare Isha (TE)	Drawing Competition	RD's SCSCOE, Pune.	Owned 1 st Rank



18	Salunkhe Gauri (SE)	Speech Competition	RD's SCSCOE, Pune.	Owned 3 rd Rank
19	Bhelke Shreya (TE)	Solo Dance Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
20	Legends of Computers (BE) Elite Dance Crew (BE)	Group Dance Competition	RD's SCSCOE, Pune.	Owned 2 nd Rank
21	Twins Duet (SE)	Duet Dance Competition	RD's SCSCOE, Pune.	Owned 1 st Rank
22	Crazy Cats (BE)			Owned 2 nd Rank
23	Puntambekar Shriharsh (SE)	Singing Competition	RD's SCSCOE, Pune.	Owned 1 st Rank

B. 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	Nil

C. Details of teachers appointed/ Nominated on Editorial Boards/Reviewers

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


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

Sr.No.	Name of Faculty	Name of Award
	Nil	Nil




**E. Participation of teachers in various activities as resource person/ Expert
Lecture /Paper setter.**

Sr.No.	Name of Faculty	Date of Activity	Name of Organization	Name of Activity.
1.	Prof. B. D. Thorat	25-05-2022	Bharati Vidyapeeth	Paper Setter/Examiner at University Level for subject C Programming (24097)
2.	Prof. B. D. Thorat	25-05-2022	Bharati Vidyapeeth	Paper Setter/Examiner at University Level for subject Database Management Systems (24655)
3.	Prof. B. D. Thorat	26-05-2022	Bharati Vidyapeeth	Paper Setter/Examiner at University Level for subject ITC-II : Data Science (24664)
4.	Prof. B. D. Thorat	27-07-2021	A.T. College, Bhor.	Syllabus Design for Data Science
5.	Prog. S. B. Shirke	27-07-2021	A.T. College, Bhor.	Syllabus Design for Data Science
6.	Prof. K. S. Khamkar	27-07-2021	A.T. College, Bhor.	Syllabus Design for Artificial Intelligence


Head of Dept.
Head of Department
 Dept. Computer Engineering
 Shri Chh. Shivajiraje College of Engg.,
 Dhangawadi, Pune-412206






Principal
 Rajgad Dnyanpeeth's
 Shri Chhatrapati Shivajiraje College of Engg.,
 Dhangawadi, Pune-412206

Declaration by the Head of the Department

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

Date: 07.07.2022

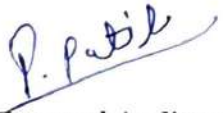

Head of Department
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Dept. Computer Engineering
Shri Chh. Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Principal
Principal
Rajgad Deshpande's
Shri Chhatrapati Shivajiraje College of Engg.
Dhangawadi, Pune-412206



Recommendations:

1. Conferences/Workshop/Symposium may be enhanced. MoU's with industries of research organizations can be improved.
2. Centre of excellence can be established in department to inculcate research culture among the faculty and students.


External Auditor 1
Prof. Pramod Patil.
VIT, Pune.


External Auditor 2
Prof. G.S. Pise
PICT, Pune.