

All India Shri Shivaji Memorial Society's  
COLLEGE OF ENGINEERING PUNE-1

DEPARTMENT OF **COMPUTER** ENGINEERING

**ANNUAL REPORT**

**JULY 2019 to JUNE 2020**

**First Half: 01 July 2019 to 31 December 2019**

**Second Half: 01 January 2020 to 30 June 2020**

**INTRODUCTION**

Year of Establishment	<b>1998-I Shift 2013-II Shift</b>
UG Programmes	<b>Shift I-60 ShiftII -60</b>
PG Programmes	<b>18</b>
Number of Teaching Staff	<b>22+03(First Year)</b>
Number of Non-Teaching Staff	<b>Lab Assistant-02 Lab attendant-03</b>

**LABORATORIES IN THE DEPARTMENT**

<b>Name of Laboratory</b>	<b>Name of Laboratory</b>
<b>Microprocessor Lab</b>	<b>Linux Lab</b>
<b>Digital Lab</b>	<b>Computer Network Lab</b>
<b>Multimedia Lab</b>	<b>Software Design Lab</b>
<b>Computer Software Lab</b>	<b>PG Lab</b>
<b>Fundamental and Programming Lab</b>	

**SOFTWARES AVAILABLE IN THE DEPARTMENT**

<b>Softwares Available</b>	<b>Softwares Available</b>
Windows 98(36 users) & (60 users)	Borland C++ suite (30 users)
Windows XP Pro. (50 users)	ORACLE 10g Std. Edition one for 25 users with one media
IBM Utilities, PC Doctor (60 users)	Office XP (01 user)
Lotus Smart Suit (60 users)	Microsoft Office Professional 2007(5 users)
Rational Rose (30 users)	Auto Desk 3 CD's max 8.0 with kit
Oracle 9i (5 users)	Windows XP Pro.English UGP OLP NL AE with media(168 users)
Vstudio.NET Pro 2002 Win32 ENG OLP NL AE (01 users)	Internet developer suite ( Oracle D2K with media )
Borland C++ suite (02 users)	Xilinx 11.2 VLSI Design (25 User)
NetDruid Ver.9.0	Windows 2007 (50 User)
MS Office XP 2003 (02 user)	ETNL Language Lab (one teacher Cons.

Vstudio.NET Pro 2003 Win32 ENG OLP NL AE (25 users)	Matlab 2 User
Microsoft Campus Agreement(OperatingSystem)	

### FACULTY IN THE DEPARTMENT

Name of faculty	Designation	Name of faculty	Designation
Dr.D.P.Gaikwad	Associate Professor	Mrs.D.M.Ujalambkar	Assistant Professor
Dr.M.A.Pradhan	Associate Professor	Mr.S.G.Dhengre	Assistant Professor
Mr.N.R.Talhar	Assistant Professor	Mrs.S.J.Pachouly	Assistant Professor
Mr.A.J.Kadam	Assistant Professor	Mrs.B.A.Patil	Assistant Professor
Dr.S.F.Sayyad	Assistant Professor	Mrs.A.A.Gupta	Assistant Professor
Dr.S.V.Athawale	Assistant Professor	Mr.N.S.Devekar	Assistant Professor
Ms.A.S.Deokar	Assistant Professor	Mr.S.S.Jadhav	Assistant Professor
Ms.B.R.Quazi	Assistant Professor	Mrs.S.S.Deshmukh	Assistant Professor
Ms.S.R.Nalamwar	Assistant Professor	Mrs.M.M.Swami	Assistant Professor
Ms.V.V.Waykule	Assistant Professor	Ms.S.S.Kolte	Assistant Professor
Mr.A.M.Jagtap	Assistant Professor	Ms.M.M.Phadatare	Assistant Professor

### DETAILS OF SUPPORTING STAFF

Name of Non teaching	Designation	Name of Non teaching	Designation
Mr.J.B.Mohite	Lab.Asst	Mr.P.B.Tikone	Lab. Attendant
Mr.P.K.Mulay	Lab.Asst	Mr.A.B.Chavan	Lab. Attendant
Mr.N.S.Sale	System Analyst	Mr.N.A.Kale	Lab. Attendant
Mr.S.P.Mane	Lab.Asst		

### STUDENTS' ENROLLMENT

Programm	GEN		SC		ST		OBC		PWD		Others		Total	
	M	F	M	F	M	F	M	F	M	F	M	F	M	F
UG (Comp) Shift I													208	
UG (Comp) Shift II													191	
PG ( Comp. engg)														

### Students–Faculty Feedback Details (\*) (Not to be included in annual report)

Name of faculty	Class and Subject taught	Feedback (I) (%)	Feedback (II) (%)	Average Feedback (%)
Ms. B.R.Quazi	SE-II DELD	74	76	75
Ms. B.R.Quazi	SE-II CG	84	-	84

Ms. B.R.Quazi	BE-II ICS	83	-	84
S. G. Dhengre	SE I	87	76	80
	TE II	85	80	82
A S Deokar	SE I	75	78	75
N S Devekar	SE-II	85	85	85
	TE-II	79	79	79
	BE-II	79	75	77
V V Waykule	TE II TOC	85.44	84.72	85
	BE II DMW	93.66	95.33	94
	SE II ADS	87.44	88	87
S J Pachouly	BE-I ICS	90.4	95.6%	93%

**RESULT ANALYSIS (LAST TERM) (\*)(Not to be included in annual report)**

Name of faculty	Class and Subject Taught	% passing	Name of faculty	Class and Subject Taught	% passing
Mr. A J Kadam	Software Modelling and Design	100%	S J Pachouly	BE Information and Cyber Security	Result Awaited
Mrs Minal Swami	Microprocessor	100%			
Ms. M.M.Phadatare	Microprocessor	100%	Dr Madhavi Pradhan	BE Machine Learning	Result awaited
Ms.B.R.Quazi	Computer Graphics	100%	Waykule V V	SE II ADS	100%
Mr A M Jagtap	Web Technology	100%	Bhakti Patil	SPOS	98%
Dr S V Athawale	Design and Analysis of Algorithms	99%	Bhakti Patil	DBMS	98%

<b>Mr. S. G. Dhengre</b>	<b>Advanced Data Structure</b>	<b>100%</b>	<b>Bhakti Patil</b>	<b>AIR</b>	<b>100%</b>
<b>Mr. S. G. Dhengre</b>	<b>Web Technology</b>	<b>100%</b>	<b>Ankita Gupta</b>	<b>AIR</b>	<b>100%</b>
<b>Ms. A S Deokar</b>	<b>Principles of Programming Language</b>	<b>100 %</b>			
			<b>N S Devekar</b>	<b>Software Modelling and Design</b>	<b>100 %</b>

### Class Result Analysis (LAST TERM)

S N	Class	No. Of Students										Percentage of Passing	
		Appeared	Clear Passed	Outstanding (O) (9-10)	Excellent (A+) (8.5-8.99)	Very Good (A) (7.5-8.49)	Good (B+) (6.5-7.49)	Above Average (B) (5.5-6.49)	Average (4.25-5.49) Class	Pass Class (4-4.24)	Fail (F) (0-3.99)	All Clear	With ATKT
1	SE-I	68	49	11	22	13	01	0	0	0	2	72	97
2	SE-II	57	41	0	28	12	0	0	0	0	1	72	98
3	TE-I	78	65	0	21	24	15	01	0	0	03	83.33	96.15
4	TE-II	63	44	0	10	26	03	0	0	0	04	69.84	93.70

### UNIVERSITY RANKERS (LAST ACADEMIC YEAR)

Sr No	Name of the Ranker	Class	Rank
	NA		

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

<b>S N</b>	<b>Name of Faculty</b>	<b>Awards &amp; Recognition</b>
1	Dr D P Gaikwad	Received best researcher award in International Scientist Conference, Visakhapatnam.
2	Dr D P Gaikwad	Reviewed Book on “Ripple Down Rules” written by Paul who is world famous author of Machine Learning
3	A.A.Gupta	Awarded First Prize as a Mentor in SIH-2019 held at IIIT Hyderabad
4	Dr S V Athawale	Received Ph.D in Computer Engineering

**CONTRIBUTION OF FACULTY (Interaction with outside world)**

<b>SN</b>	<b>Name of Faculty</b>	<b>Nature and details of contribution (Representation at University, State, National , International level)</b>
1.	Dr D P Gaikwad	Paper Setter (PG)
2	Mr. A J Kadam	Paper Setting(U), Member of Selection Committee(U)
3	Dr M A Pradhan	Board of Studies(BoS) member of Information technology, SPPU, Board of Studies(BoS) member of Computer Engineering VIIT, Pune Board of Studies(BoS) member of Computer Engineering Cummins College of Engineering, Pune Technical Committee member of SPPU Member of Departmental Advisory Committee of D J Sanghavi College of Engg, Mumbai Paper Setter (PG),Paper Setter (UG)
4	Dr. S V Athawale	Paper Setter (UG) BVP, Pune
5	Dr. S V Athawale	Member BOS JSPM, Thavade, Pune
6	Dr. S V Athawale	Chairman BOS of COMP/IT/MSC Spicer University , Pune
7	S J Pachouly	Paper Setter(UG)

8	S J Pachouly	My Video message about COVID Pandemic got a Broadcast on MY GOV official Corona Website by Govt. of India .It has Got more than 5 lakhs Share.

### FUNDED RESEARCH PROJECT

S N	Principal Investigator	Title of the Project	Amount Received (Rs)	Funding Agency
1	Nil			
2				

### FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS

#### ORGANIZED BY THE DEPARTMENT (For Faculty)

S N	Name of Coordinator/s	Title of the FDP/STTP/WS/Seminar/Symposium	Duration/ Dates	No. of Participants	Funding Agency (If any) and Amount (Rs.)
1	Dr.D.P.Gaikwad and A.M.Jagtap	FDP on Microsoft Secure Remote.(Microsoft Teams)	01 day	30	AISSMSCOE
2	Dr. S.F.Sayed, D.M.Ujalambkar, V.V.Waykule, B.APatil, A.Gupta.	STTP on Digital Transformation organized by Computer Department, AISSMS COE on 11/06/2020 to 13/06/2020	3Days 11/06/2020 to 13/06/2020	85	AISSMSCOE
3	Dr.S.V.Athawale,	FDP on “Modern	3days	70	AISSMSCOE

	N.R.Talhar, B.R.Quazi, A.S.Deokar.	Technologies” organized by Computer Department, AISSMS COE on 08/06/2020 to 10/06/2020	08/06/20 20 to 10/06/20 20		
4	Dr.S.V.Athawale and N.R.Talhar	FDP in association with Spoken Tutorials , IIT Mumbai on “Python 3.4.3”,Computer Department ,AISSMSCOE, Pune on 28 April to 2 nd May 2020	One week 28 April to 2 nd May 2020	100	AISSMSCOE
5.	Computer Dept	Seminar on Python for Data science	04/07/20 19	67	AISSMSCOE
6	Computer Dept	Seminar on Test Preparation for Higher Education	07-06-20 18	52	AISSMSCOE
7	Computer Dept	Seminar on “Knowledge based Internship”	07-08-20 19	67	AISSMSCOE
8	Computer Dept	Seminar on Block Chain Technology	04-02-202 0		AISSMSCOE
9	Computer Dept	Live Demonstration on Penetration Testing	16-08-201 9	100	AISSMSCOE
10	Computer Dept	Demonstration Lecture on Debugging Tools	20-12-201 9	42	AISSMSCOE
11	Computer Dept	Seminar on Internet of Things	07-01-202 0	70	AISSMSCOE
12	M.M.Phadtare,M.M .Swami,S.S.Kolte	Introduction to UI/UX Design	30-05-202 0	110	AISSMSCOE

13.	B.R.Quazi	AWS- Amazon Web Services	16/05/2020	126	AISSMSCOE
14.	B.R.Quazi, A.S.Deokar	Information Security Test Data Management	23/05/2020	50	AISSMSCOE
15	B.R.Quazi, S.J.Pachouly	Cyber Security	31/05/2020	89	AISSMSCOE
16	B.R.Quazi , S.J.Pachouly	Industry4.0	17/06/2020	57	AISSMSCOE
17	S J Pachouly B R Quazi V V Waykule	Cyber Security and Legal issues Related to that	15/09/2020	95	AISSMSCOE
18	S J Pachouly B R Quazi V V Waykule	Software Testing and Quality Assurance	23/08/2020	110	AISSMSCOE
19	S R Nalamwar A J kadam B R Quazi	National level Webinar on topic “IT infrastructure management and end user Services” for faculty and staff	07/06/2020	115	
20	A S Deokar B R Quazi	Software Testing	11/9/20	75	AISSMSCOE
21	S S Deshmukh A S Deokar	Future of Design	24/8/20	100	AISSMSCOE
22	Mr.S G Dhengre Dr. S F Sayed Dr.S V Athawale Mr. N R Talhar Ms. A S Deokar	Digital Marketing and Amazon Opportunities	13/10/20	100	AISSMSCOE
23	Ankita Gupta, Bhakti Patil	Webinar on Data Science in Python	26/05/20	200	AISSMSCOE



24	Waykule V V Quazi B R Pachouly S J	Domain Name Registration and Web Hosting	29/09/2020	1	AISSMSCOE
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**FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS  
ATTENDED BY THE DEPARTMENT FACULTY**

<b>S N</b>	<b>Name of Faculty</b>	<b>Title of the FDP/STTP/WS/Seminar/Symp osium</b>	<b>Organized by</b>	<b>Duration and Date</b>
1	S S Jadhav	1.FDP on “demystifying networkin  2. AICTE approved "CS TL's one week FDP on CO-PO, framing"	AICTE and IIT  AICTE and AISSMSCOE, Pune	10-15 June 2019
2	S.S.Kolte	1.STTP on “Digital Transformation”  2.One Week FDP of JAVA  3. One Week FDP of Bio python  4. One Week FDP of Python 3.4.3  5.One Week FDP of R Training	AISSMSCOE ,Pune  Zeal college of Engineering, Pune.  Sinhgad Institute of Technology and Science, Pune Parikrama College of Engineering, KASHTI	11 th – 13 th Jun 202  5 <sup>th</sup> Apr- 13 <sup>th</sup> Apr 2020.  27 <sup>th</sup> Apr 2020 to 2 <sup>nd</sup> May 2020.  on 29 <sup>th</sup> Apr 2020 to 4 <sup>th</sup> May 2020.

		6. One Week FDP of Swift (iOS)	Sinhgad Institute of Technology and Science, Narhe.  MET's Institute of Engineering Bhujbal Knowledge City, Nashik.	4 <sup>th</sup> May 2020 to 9 <sup>th</sup> May 2020.  12 <sup>th</sup> May 2020 to 16 <sup>th</sup> May 2020
3	D M Ujalambkar	1. STTP on "Digital Transformation"  2. FDP on Python 3.4.3  3. Fdp on Swift Ios  4. FDP on "Emerging trends in Industry 4.0 " sponsored  5. STTP on "Matlab based teaching-Learning in Mathematics science"	AISSMSCOE ,Pune  IITSpoken Tutorial  MET's institute of Engineering, Nashik  JSPM RSCOE  Ramrao Adik Institute of Technology, Nerul, Navi Mumbai	11 -13 June 2020  20-24 April 2020  12 <sup>th</sup> May-16 <sup>th</sup> May 2020  18 <sup>th</sup> May-29 <sup>th</sup> May 2020  18 <sup>th</sup> may 2020 to 22 may 2020
4	B.R.Quazi	FDP on "Vision-Mission-Goals-PEO-PS O-PO-CO: Framing, Mapping, Assessment and Attainment" FDP on "Outcome-based Curriculum Design: framework" Two weeks Online International	AISSMS COE  AISSMS	10-15 June 2019  9-14 Dec 2019

		<p>FDP on "Emerging trends in Industry 4.0 "</p> <p>5days FDP on "Learning, Pedagogy And Effective use of Case Methodology"</p> <p>National Level FDP on “Recent Trends and Innovations in Digital Forensic”</p> <p>Online FDP on “Promoting Quality Culture in Technical Institutions"</p> <p>One week FDP program on “Swift(ios)”</p> <p>Spoken Tutorial IIT Bombay course on “Java”</p> <p>Spoken Tutorial IIT Bombay course on “Python 3.4.3”</p> <p>Workshop on “Web Development”</p>	<p>COE</p> <p>RSCOE,Pune Sponsored by ACM</p> <p>ASM Group</p> <p>AISSMS IOIT</p> <p>AISSMS COE</p> <p>MIES, Bhujabal knowledge city,Nashik</p> <p>Zeal COER, Pune NBN SSOE,Pune</p> <p>JSPM RSCOE Pune</p>	<p>18-29 may 2020</p> <p>17-21 May 2020</p> <p>25-30 May 2020</p> <p>25-29 May 2020</p> <p>12-16 May 2020</p> <p>7-12 April 2020</p> <p>21-26 April 2020</p> <p>23rd Nov 2019</p>
	S R Nalamwar	<p>1.Data Analysis and Visualisation of COVID-19 Datasheet using Python.”</p> <p>2.“Outcome Based Education a step towards Excellence”</p> <p>3. “Swift iOS Programming language”</p> <p>4.“User Experience design and</p>	<p>Jerusalem College of Engineering</p> <p>Government College of Engineering Karad</p> <p>MET Institute of Engineering Bhujbal Knowledge city Nashik</p>	<p>07/05/20</p> <p>11/05/20 to 15/05/20</p> <p>12/05/20 to 16/05/20</p> <p>25/05/20 to</p>

		<p>user Interaction design”</p> <p>5. “Spoken Tutorial online FDP on Drupal”</p> <p>6. “Spoken Tutorial online FDP on Python 3.4.3”</p> <p>7.“Spoken Tutorial online FDP on R language”</p> <p>Short Term Training Program</p> <ul style="list-style-type: none"> <li>• “Data Migration and Reconciliation with Bigdata”</li> <li>•“Renewable Energy and Utilisation”</li> </ul> <p>International Web Conference on Impact of COVID-19 on Engineering System</p>	<p>Kalasalinga m Academy of Research and Education.</p> <p>AISSMS IOIT Pune.</p> <p>JSPMS Rajashree Shau College of Engineering Pune</p> <p>Sinhgad Institute of Technology and Science Narhe</p> <p>D.Y.Patil Institute of Engineering Akurdi Pune</p> <p>Sandip Institute of Engineering and Management Nashik</p> <p>BAMU Aurangabad.</p>	<p>31/05/20</p> <p>20/04/20 to 27/04/20</p> <p>28/04/20 to 03/05/20</p> <p>28/04/20 to 03/05/20</p> <p>25/05/20 to 27/05/20</p> <p>26/05/20 to 30/05/20</p> <p>30/05/20</p>
	Dr S F Sayyad	<p>1.FDP on “Vision-Mission-Goals-PEO-PS O-PO-CO: Framing, Mapping, Assessment and Attainment”</p> <p>2.FDP on “Outcome-based Curriculum Design: framework”</p> <p>3.Two weeks Online</p>	<p>AISSMS COE</p> <p>AISSMS</p>	<p>10-15 June 2019</p> <p>9-14 Dec 2019</p>

		<p>International FDP on "Emerging trends in Industry 4.0 "</p> <p>4.5days FDP on "Learning, Pedagogy And Effective use of Case Methodology"</p> <p>One week FDP program on "Swift(ios)"</p>	<p>COE</p> <p>RSCOE,Pune Sponsored by ACM</p> <p>AISSMS Group</p> <p>MIES, Bhujabal knowledge city,Nashik</p>	<p>18-29 may 2020</p> <p>17-21 May 2020</p> <p>25-29 May 2020 12-16 May 2020</p>
	S. G. Dhengre	<ol style="list-style-type: none"> <li>1) Participated for ADS mcq' quiz conducted by Prof. S. S. Kolte and received E certificate of passing test on 15<sup>th</sup> May 2020.</li> <li>2) Attended Microsoft team FDP on "Microsoft Secure Remote Work of department Coordinated by Prof. A. M. Jagtap sir on 21<sup>st</sup> May 2020 at 4 pm to 6 pm and learn many functionalities of Team software through expertise people.</li> <li>3) Attended Microsoft team FDP on "Employability Quotient and its Challenges" of department Coordinated by Prof. N. R. Talhar sir on 23<sup>rd</sup> May 2020 at 11.30 am to 12.30 pm.</li> <li>4) Participated in ADS Mcq test of 40 Marks (20 Questions) Marks on Google form on 23<sup>rd</sup> May</li> </ol>		

		<p>2020 and received E certificate of the same.</p> <p>5) Attended Microsoft team Webinar on "Data Science and Machine learning" by Prince Arora of department Coordinated by Prof. Dr. D. P Gaikwad 26<sup>th</sup> May 2020 at 1 pm to 12.30 pm.</p> <p>6) Attended Microsoft team Webinar on "IOT Applications" by Abhimanyu Giri of department Coordinated on 29<sup>th</sup> May 2020 at 11 am onwards.</p> <p>7) Participated in Awareness quiz on "Outcome Based Education (OBE)" for Teachers of all Technical Institutions Organized by Department of Electronics and Telecommunication Engineering, JSPM's Bhivarabai Sawant Institute of Technology and Research, Wagholi, Pune on 30<sup>th</sup> May and received E certificate.</p> <p>8) Attended Microsoft team Webinar on "Right choice - Motivational talk" by Ashwin Sorte of department Coordinated by Prof. Dr. S. S. Shaikh on 30<sup>th</sup> May 2020 at 4 pm to 5 pm.</p> <p>9) Attended Microsoft team Webinar on "Cyber</p>	
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		<p>Security" by Jalach Pachouly of department Coordinated by Prof. S. J. Pachouly mam on 31<sup>st</sup> May 2020 at 4 pm onwards and received e certificate.</p> <p>10) Participated for PPL mcq' quiz conducted by Prof. A. S. DEOKAR and received E certificate of passing test on 1<sup>st</sup> June 2020.</p> <p>11) Participated for Basic Computer Knowledge mcq' quiz conducted by Prof. Priyanka Patil of On Gurudev Engineering College and received E certificate of passing test on 1<sup>st</sup> June 2020.</p> <p>12) Attended AISSMS COE, Pune: National Level 1 Week Online FDP on "Advanced Teaching Tools, Techniques &amp; Methodology for Outcome Based Education" by AISSMS COE on zoom meeting from 2<sup>nd</sup> June 2020 at 10.30 am onwards daily.</p> <p>13) Methodology for Outcome Based Education" by AISSMS COE on zoom meeting from 2<sup>nd</sup> June 2020 at 10.30 am onwards daily.</p> <p>14) Conducted ADS Mcq test of 40 Marks (20 Questions) Marks on Google form on 23<sup>rd</sup> May 2020 and provided E certificate of the same.</p>		
	Dr Madhavi Pradhan	1. One week Faculty Development Programme on "Outcome based	Sponsored by ISTE and Organized by AISSMS College	9 Dec 2019 to 13 Dec 2019

		curriculum design: Framework	of Engineering, Pune	
		2. Promoting Quality Culture in Technical Institutions	Internal Quality Assurance Cell o fAISSMS College Engg, Pune under 'UGC Paramarsh	25th to 29th May 2020
		3.Recent Trends & Innovations in Digital Forensic	Department of Computer Engineering, AISSMS Institu of Information Technology, Pune	25th May-2020 to 30th May-2020
		4. National Level FSDP on " Modern Technologies and Self Development"	Department of Computer Engineering, AISSMS College Of Engineering	8 to 10 June 2020
		5.STTP on "Digital Transformation"	Pune Department of Computer Engineering, AISSMS Colleg Of Engineering Pune	11 to 13 June 2020
		6. Advanced Teaching Tools and methodology for outcome based education	AISSMS College Engg, Pune	1 to 5 June 2020



A S Deokar	<p>1.FDP on “Vision-Mission-Goals-PEO-PSO-PO-CO: Framing, Mapping, Assessment and Attainment”</p> <p>2.FDP on “Outcome-based Curriculum Design: framework”</p> <p>3.Two weeks Online International FDP on "Emerging trends in Industry 4.0 "</p> <p>4. FDP on "Learning, Pedagogy And Effective use of Case Methodology"</p> <p>5. FDP “ OOP and CG Lab “ SE 2019 Course</p> <p>6.One Week FDP on “ Java Programming “</p> <p>7.STTP on “ Digital Transformation “</p> <p>8. FDP on “ Biopython “</p>	<p>AISSMS COE</p> <p>AISSMS COE</p> <p>RSCOE,Pune Sponsored by ACM</p> <p>AISSMS Group</p> <p>MIES, Bhujabal knowledge city,Nashik Anantrao Pauer COE</p> <p>Parvati,Pune AISSMS Polytechnic ,Pune AISSMS COE,Pune</p>	<p>10-15 June 2019</p> <p>9-14 Dec 2019</p> <p>18-29 may 2020</p> <p>17-21 May 2020</p> <p>25-29 May 2020</p> <p>12-16 May 2020</p> <p>11 July 2020</p> <p>25 May 20 31 May 20</p> <p>11-13 June 2020</p> <p>27 April 2 May 20</p>
Waykule V V	<p>1.STTP on “Digital Transformation”</p> <p>2.FDP on Python 3.4.3</p> <p>3. Fdp on Swift Ios</p> <p>4. FDP on "Emerging trends in Industry 4.0 " sponsored</p> <p>5. STTP on “Matlab based teaching-Learning in Mathematics science</p>	<p>AISSMSCOE ,Pune</p> <p>IITSpoken Tutorial</p> <p>MET’s institute of Engineering, Nashik</p> <p>JSPM RSCOE</p> <p>Ramrao Adik Institute of Technology,</p>	<p>11 -13 June 2020</p> <p>20-24 April 2020</p> <p>12<sup>th</sup> May-16<sup>th</sup> May 2020</p> <p>18<sup>th</sup> May-29<sup>th</sup> May 2020</p> <p>18<sup>th</sup> may 2020 to 22 may 2020</p>

		<p>6.FDP on “Python Data Structure”</p> <p>7.Blockchain Basics</p> <p>8.Programming for Everybody</p> <p>9.Accessing Web Data using python</p>	<p>Nerul, Navi Mumbai</p> <p>Coursera</p> <p>Coursera</p> <p>Coursera</p> <p>Coursera</p>	<p>8 June 2020</p> <p><b>6 June 2020</b></p> <p><b>20 May 2020</b></p> <p><b>23 June 2020</b></p>
	S J Pachouly	<p>1. FDP on Python 3.4.</p> <p>2. One week FDP on LINUX.</p> <p>3. One week FDP on NAAC Awareness Program .</p> <p>4. FSDP on “Modern Technology and Self Development.</p> <p>5. FDP on Java Business Application .</p> <p>6. Successfully Completed ATAL FDP on Cyber Security</p> <p>7. Blockchain Basics</p>	<p>IITSpoken Tutorial</p> <p>PVGCOE</p> <p>MMIOT</p> <p>AISSMSCOE</p> <p>Spoken Tutorial RMDCOE,</p> <p>Poornima College of Engineering Chennai</p> <p>Coursera</p>	<p>20 Apr to 24 Apr 2020.</p> <p>25 may 2020 to 29 may 2020.</p> <p>8th may12th May 2020.</p> <p>8th to 10th July 2020.</p> <p><b>29<sup>th</sup> June to 2<sup>nd</sup> May 2020</b></p> <p><b>6th Oct 2020 to 10th Oct 2020.</b></p> <p><b>6th June 2020</b></p>
	M M Swami	<p>1. One Week orientation program on “Vision-Mission-PEO-PS O-COPO:Framing</p>	<p>AISSMS COE</p>	<p>10th Jun-15th Jun, 2019</p>

		<p>„Mapping,Assesment and Attainment”</p> <p>2. FDP on “ Data Science”</p> <p>3. FDP on “ Awareness of Open Resourse Platforms”</p> <p>4. One day Workshop on eSim, a First Course in the IoT Series for Teachers' held at AISSMS Institute Of Information Technology</p> <p>5. Digital Transformation</p> <p>6. FDP on DRUPAL</p> <p>7. One week FDP of Python 3.3.4</p> <p>8. One Week FDP of Swift(iOS)</p> <p>9. <b>R Training</b></p>	<p>MHRDA</p> <p>IIT Bombay</p> <p>AISSMSCOE</p> <p>Spoken tutorial, IIT Bombay</p> <p>Spoken tutorial, IIT Bombay</p> <p>MET’s Institute of Engineering Bhujbal Knowledge City, Nashik</p> <p>Spoken tutorial IIT, Bombay , conducted by Sinhgad Institute of Technology and Science, Narhe</p>	<p>17th Jun-22th Jun, 2019</p> <p>14th Oct 2019</p> <p>21 September 2019</p> <p>11th -13th June 2020</p> <p>21st -27th April 2020</p> <p>28th April to 04 th May,2020</p> <p>12<sup>th</sup>May 2020 to 16<sup>th</sup>May 2020</p> <p>4<sup>th</sup> May 2020 to 9<sup>th</sup> May 2020</p>
	N S Devekar	1.FDP on “Software Project Mana	AICTE and IIT K	

		2. AICTE approved "CS TL's one week FDP on CO-PO, framing"	AICTE and AISSMSCOE, Pune	10-15 June 2019
		Completed and attended national level webinar on cyber security	computer department Aissmscoe, pune.	31/05/2020
		participated and attended webinar on right choice motivational Talk	Computer department Aissmscoe pune	31/05/2020
		participated and successful completion of e-learning quiz on outcome based Education	electronics depa of bhivarabai sa Institute of tech pune "	31/05/2020
		Completed Quiz on "Python 3 Quiz"	Rotaract club of Shahu College of Engg,Pune	07/06/2020
		Completed National level Quiz on "Int things"	MET's Bhujbal kr city,Nashik.	07/06/2020
		Completed Quiz on "Information and security"	Aissmscoe,Pune	07/06/2020
		Attended and completed webinar on "Re-engineering the supply chain:Imp for Post Pandemic Scenario"	ENTC dept Aissmscoe,pune	07/06/2020
		Attended and completed webinar on "opportunity in IT infrastructure man and end user services"	Aissmscoe,pune	07/06/2020
		Attended and completed national Fa student development program on "N Technologies and Self Development"	.Aissmscoe,pune	10/06/2020

Bhakti Patil	<ol style="list-style-type: none"> <li>1. AICTE approved "CETL's one week FDP on CO-PO, framing"</li> <li>2. Faculty Awareness Program by JSPM Hadapsar</li> <li>3. FDP on Java</li> <li>4. FDP on Learning Pedagogy and effective use of case methodology</li> <li>5. FDP on Emerging trends in Industry4.0</li> <li>6. FDP on Data Science using R</li> <li>7. National Level FDP on Python 3.4.3</li> <li>8. FDP on R Programming</li> <li>9. FDP on Virtual Teaching Learning-MOODLE</li> <li>10. FDP on Data Science</li> <li>11. One day FDP on Awareness on resource platform for online learning research and self study</li> </ol>	<p>AISSMSCOE</p> <p>AISSMS Poly</p> <p>ASM, Pune</p> <p>JSPM RSCOE</p> <p>KKWIER</p> <p>PICT, Pune</p> <p>RSCOE</p> <p>Dr. MGR Institute</p> <p>AISSMSCOE</p> <p>AISSMSCOE</p>	<p>10-15 June 2019</p> <p>11-15 May 2020</p> <p>17-22 May 2020</p> <p>17-21 May 2020</p> <p>18-29 May 2020</p> <p>28-30 May 2020</p> <p>27 Apr-2 May 2020</p> <p>23-28 Apr 20</p> <p>29-30 May 2020</p> <p>17 to 22 June 2019</p> <p>4th October 2019</p>
Ankita Gupta	<ol style="list-style-type: none"> <li>1. AICTE approved "CETL's one week FDP on CO-PO, framing"</li> <li>2. Faculty Awareness Program by JSPM Hadapsar</li> <li>3. FDP on Java</li> <li>4. FDP on Learning Pedagogy and effective use of case methodology</li> <li>5. FDP on Emerging trends in Industry4.0</li> <li>6. FDP on Data Science using R</li> <li>7. National Level FDP on Python 3.4.3</li> <li>8. FDP on R Programming</li> </ol>	<p>AISSMSCOE</p> <p>AISSMS Poly</p> <p>ASM, Pune</p> <p>JSPM RSCOE</p> <p>KKWIER</p> <p>PICT, Pune</p> <p>RSCOE</p>	<p>10-15 June 2019</p> <p>11-15 May 2020</p> <p>17-22 May 2020</p> <p>17-21 May 2020</p> <p>18-29 May 2020</p> <p>28-30 May 2020</p> <p>27 Apr-2 May 2020</p> <p>23-28 Apr 20</p>

		9. FDP on Virtual Teaching Learning-MOODLE	Dr.MGR Institute AISSMSCOE	29-30May2020
		10.FDP on Data Science	AISSMSCOE	17to 22June 2019
		11.One day FDP on Awareness on resource platform for online learning research and self study	AISSMSCOE	4th October2019
	A J Kadam	1. "Modern Technology and Self Development"	AISSMSCOE	8 <sup>th</sup> to 10 <sup>th</sup> June 2020
		2. "Digital Marketing".	AISSMSCOE	5 <sup>th</sup> June 2020
		3. "Opportunity in I T infrastructure Management and End User Services"	AISSMSCOE	7 <sup>th</sup> June 2020
		4. "IoT Application"	AISSMSCOE	31st May 2020
		5. "Cyber Security"	AISSMSCOE	29May to 4th June 2020
		6. "Atmanirbharata"	AISSMSCOE	30th May 2020
		7. Right choice Motivation Talk"	JSPM, Wagholi	30th May 2020
		8. "Outcome Based Education"	AISSMSCOE	30th May 2020
		9. "MATLAB for Deep Learning"	AISSMSCOE	23 <sup>rd</sup> May 2020
		10. "Information Security -Test Data Management"	AISSMSCOE	23 <sup>rd</sup> May 2020
		11. "Employability Quotient and its Challenges"	AISSMSCOE	24 <sup>th</sup> May 2020.
		12. "Intelluctual Property Rights"	AISSMSCOE	27 <sup>th</sup> May 2020.
		13. "Coffee and conversation with Alumni"		

		14. "NBA" with passing score of 90% organized	.Y.Patil School of Engg and Technology	24 <sup>th</sup> May 2020
		15."Interaction with student Innovators and Entrepreneurs from SIH by MHRD Innovation cell"		22 <sup>nd</sup> May 2020
		16."Machine Learning Basics" organized by AISSMSIOIT on 14 <sup>th</sup> May 2020	AISSMSIOIT	14 <sup>th</sup> May 2020
		17."Native Cloud AWS-Amazon Web Services"	AISSMSCOE	16 <sup>th</sup> May 2020
		18. Microsoft Secure Remote Work"	AISSMSCOE	14 <sup>th</sup> May 2020
		19. "Robotic Process Automation"	AISSMSCOE	14 <sup>th</sup> May 2020
		20. "SAP Analytics Cloud(SAC)"	SIEM, Nasik	12 <sup>th</sup> May 2020
		21. "IEEE Xplore Digital Library - Boosting Every Aspect of YOUR Career"	AISSMSCOE	4 <sup>th</sup> May 2020
		22. BioPython and R Programming	PVG COE	
		23. Pythan FDP.		
		24. Data Science:Reinforcement Learning"	RMDS COE	
		25. "Machine Learning Basics" organized by AISSMSIOIT	AISSMSIOIT	
		26. "R Programming" organized by MMIT	MMIT	

		27. "Native Cloud AWS-Amazon Web Services"	AISSMSCOE	
		28. "Microsoft Secure Remote Work"	AISSMSCOE	
		29. Coursera "Introduction to Data Science with Python" with 100% and Solving week 3 programming assignment		
		30. "Emerging trends in Industry 4.0" JSPM RSCOE	JSPM RSCOE	
		31. "Learning, Pedagogy And Effective use of Case Methodology" organized by ASMA in Association with ASM Group of Institutes	ASMA in Association with ASM Group of Institutes	
		32. "Artificial Intelligence" organized by IETE.	IETE.	

#### **EXTENSION LECTURES (LECTURES DELIVERED BY VISITING GUESTS)**

<b>S N</b>	<b>Name of faculty coordinator</b>	<b>Topic</b>	<b>Name and contact details of guest</b>	<b>Date</b>
1	Dr D P Gaikwad	Project guidance for Ph.D and UG	RSCOE, Tathawade	June 2020
2	Dr S V Athawale	External Examiner	Solapur university	June 2020

#### **FACULTY SERVED AS RESOURCE PERSON, EXPERT OR CHAIRPERSON**

<b>S N</b>	<b>Name of Faculty</b>	<b>Title of Activity</b>	<b>Organizing body</b>	<b>Date</b>
2	Dr D P Gaikwad	Seminar on "Cyber Security"	AISSMS Polytechnic, Pune	18th January 2020
1	Mr. A J Kadm	Virtual Lab	Kasthi, SKNCOE	7 August 20 and 23 Sept 2020



2	B R Quazi	Seminar on “Cyber Security”	AISSMS Polytechnic,Pune	18th January 2020
3	S. G. Dhengre	Judge for technical presentation event	AISSMS Polytechnic,Pune	18th January 2020
4	A S Deokar	Chief guest and Judge for technical event	AISSMS Polytechnic,Pune	5 September 20
5.	Dr Madhavi Pradhan	1.National Level Resource person delivered session on “ Test items Design”  2.Resource Person delivered session on “Open Access Publishing ” One Week Online AICTE-ISTE Approved online short-term training program (inter disciplinary)	Internal Quality Assurance Cell of Padmashri Dr. V.B. Kolte College of Engineering Malkapur, Buldana  Department of Comp Science & Engineering Prof Ram Meghe Institute of Technology Research, Badnera -Amravati (M.S.)	12 May 2020  30 June 2020
6	Waykule V V	Judge for Debate Competition  judge for model competition	AISSMS Poly  AISSMS Poly	10/09/2020  18/09/2020

### **EXTENSION ACTIVITIES CONDUCTED BY THE DEPARTMENT**

<b>S N</b>	<b>Name of Faculty Coordinator</b>	<b>Details of activity conducted</b>	<b>Date</b>
	Nil		

#### **MOU SIGNED WITH ACADEMIC AND PROFESSIONAL ORGANISATIONS**

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Name of Organisation</b>	<b>Date of MoU Signed</b>	<b>Valid upto 00/00/0000</b>
	nil			

#### **STUDENTS' CHAPTERS /CLUBS**

<b>S. No</b>	<b>Name of Students' Chapter</b>	<b>Number of Student Members</b>
1	IE(I) Students' Chapter	113
2	Codigo Madrid Students' Club	60

#### **EVENTS ORGANISED (By Students' Chapters / Clubs and others)**

**Name of Students' Chapter: IE(I)**

**Faculty Advisor: Dr D P Gaikwad and Mrs.Ankita Gupta**

**Name of Students' Chapter: Codigo Madrid students Club(I)**

**Faculty Advisor: Dr D P Gaikwad**

**Prof.N.R.Talhar.**

**Mr.N S Devekar.**

<b>SN</b>	<b>Event name and details of event</b>	<b>Details of faculty and students involvement, Name of chief guest, judges etc.</b>	<b>Duration and Dates</b>
<b>1</b>	Hide n C'K	Guest: Mr.Vaibhav Mahajan Faculty: Mr.A.J.Kadam and S.V.Athawale Student Coordinator:Mr.Apurva Pawaskar	18-09-2019

2	Code Blooded	Guest:Mr.Shrinivas Dube Faculty: Ms.V.V.Waykule and D.M.Ujalamabkar Student Coordinator:Mr.Rohan Dhiman	18-09-2019
3	Internet Hunters	Guest:Mr.Asam Sayed Faculty: Mr.N.R.Talhar and B.R.Quazi Student Coordinator:Ms.Shivani Pathak	18,19-09-2019
4	Mini Hackathon	Guest:Mr.Varun Turalkar Faculty: Mrs.Bhakti Patil , Swati Deshmukh Student Coordinator:Shreyas Ghorpade	18,19-09-2019
5	Science Exhibition	Guest:Ms.Ruchika Ganediwal Faculty: Ms.M.M.Swami and M.M.Phadtare Student Coordinator:Neha Deshpande	20-09-2019
6	Debate Competition Phase I	GFM	09-09-2019
7	Debate Competition Phase II	GFM , HOD, IE (I) Dept Advisor	10-09-2019
8	Debate Competition Phase III	Dr.Parekar, Mr.N.P.Mawale	11-09-2019
9	Introduction to machine learning (Codigo Madrid club)	Dr.D P Gaikwad,Mr.N S Devekar Mr.Shrirang Karandikar.	24/07/2019

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### PAPERS PUBLISHED IN PROCEEDINGS OF CONFERENCES

<b>Authors</b>	<b>Title of paper</b>	<b>Details of Conference (Name of conference, dates and duration, Organising body details, ISBN)</b>
S S Jadhav	"Energy saving cluster based approach for load balancing in WSN"	Green Energy Technology for Sustainable Environment ISBN-978-81-924990-7-9 IeI (India)
S R Nalamwar	Prediction of cardiovascular disease using Deep Learning 2	National conference on computational Intelligence and Automation NCCIA
B.A.Patil	<b>Intelligent Agriculture System With Crop Selection Using IOT</b>	National Conference on Innovation in Engg and Technology on 12 June 2020
Ankita Gupta	<b>Voice to Indian Sign Language Conversion for Hearing Impaired People</b>	National Conference on Innovation in Engg and Technology on 12 June 2020

### PAPERS PUBLISHED IN REFEREED JOURNALS

<b>Authors</b>	<b>Paper Details (Paper title, Publication year, Volume no., issue no., Page no.s, Doi, ISSN)</b>
<b>Dr D P Gaikwad</b>	<b>User-Level Sentiment Analysis Technique in one Go Social Network and E-commerce,” Journal of Emerging Technologies and Innovative Research, Volume 7, Issue 2, February 2020.</b>
<b>Dr D P Gaikwad</b>	<b>“Ensemble of Rule Learner and Sequential Minimum Optimization Algorithm for Intrusion Detection System,” International Journal of</b>

	<b>Engineering and Advanced Technology (IJEAT) ISSN: 2249 – 8958, Volume-9 Issue-2, December, 2019.</b>
<b>Dr. D P Gaikwad</b>	<b>“User-level Sentiment Analysis Technique on Social Network and E-commerce in One Go,” In Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 6, ISSN-2349-5162, Page No. 160-163, June, 2019.</b>
<b>Dr. D P Gaikwad</b>	<b>“Performance of Multilayer Perceptron Based Sentiment Analysis on Hyper Parameters and optimizers,” In Journal of Emerging Technologies and Innovative Research, Volume 6, Issue 5, ISSN NO. 2349-5262, Page No: 408-416, May-2019.</b>
<b>Deepali Ujalambkar , Siddhant Suryawanshi, Pooja Nangude , Mehul Thapar , Purva Suryawanshi</b>	<b>“Soft Approach for Plant Pathology”,JETIR ,April 2020, Volume 7, Issue 4</b>
<b>Bushra Quazi, Neha Deshpande, Payal Sawase, Pratiksha Gaikwad, Aishwaray Sathe</b>	<b>“DISEASE PREDICTION BY MACHINE LEARNING OVER BIG DATA” IJACSET June 2020, Volume 1, Issue 6, ISSN- 2582-323X</b>
<b>Bushra Quazi,Kalyani Shingane, Jyoti Suryawanshi, Shabdaja Jagdhane,</b>	<b>“Camera Based Assistant for Blind People Using RaspberryPi” Volume 9, Issue 6, June 2020</b>

<b>Sumedh Dhengre, Dhanpradha bhoite, Ankita Kamble, Vishakha Kamble</b>	<b>Enabling authentication and Access Control-Based Data Sharing with personal Information Hiding for Secure Cloud Storage IJFMR   Volume 1, Issue 3, 2019 ISSN: 2582-2160</b>
<b>Bhakti Patil, Vedant Digraskar, Vikas Agarwal, Amit Deokar</b>	<b>Intelligent Agriculture System With Crop Selection Using IOT ,International Journal For Research &amp; Development In Technology(IJRDT), Volume-12,Issue-6(Dec-19) ISSN (O) :- 2349-3585</b>
<b>A S Deokar and Ashlesha Gaikwad</b>	<b>Dermatological Disorder Detection Using Machine Learning,International Journal of Innovative Science and Research Technology(IJISRT), Volume 5, Issue 6, June – 2020, ISSN No:-2456-2165</b>
<b>A S Deokar and Pratik Keluskar</b>	<b>Garbage Monitoring System” Iconic Research And Engineering Journals(IRE) ,Feb 2020 ,Volume 3 Issue 8 , ISSN: 2456-8880</b>
<b>A S Deokar and, Pratik Keluskar</b>	<b>IoT Trash Bin”, Iconic Research And Engineering Journals(IRE), JUN 2020 ,Volume 3 Issue 12 , ISSN: 2456-8880</b>
<b>A S Deokar and Shivani Tilekar</b>	<b>Dermatological Disorder Detection Through Machine Learning“, International Journal of Research In Electronics And Computer Engineering (IJRECE) Vol. 7 Issue 4 Oct.-Dec 2019 ,ISSN: 2393-9028 , ISSN: 2348-2281</b>
<b>Dr Madhavi Pradhan Tejas Rajurkar, Piyush Ingle , Akshata Kadam, Sharayu Yadav</b>	<b>" Open Banking using Voice Enabled Personal Assistants" published in International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET), July 2020, Volume 8, Issue VII, ISSN: 2321-9653</b>
<b>Dr Madhavi Pradhan, Rohan Diman,</b>	<b>" Fake News Detection Methods : Machine Learning Approach" published in International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET), July 2020, Volume 8, Issue VII, ISSN: 2321-9653</b>

<b>Ankita Shinde, Shreyas Ghorphade, Swapnil Jawale</b>	
<b>Shikha Pachouly1, Neha Bhondve, Ashutosh Dalvi, Vinit Dhande, Neerav Bhamare</b>	<b>“Driver Drowsiness Detection using Machine Learning”International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET)ISSN: 2321-9653</b>
<b>Prof. Shikha Pachouly Reetik Mathankar, Vipul Karande, Rahul Hipparkar,</b>	<b>“UID based Payment Interface”International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET) Volume 8 Issue I, Jan 2020”ISSN: 2321-9653</b>
<b>Prof. Shikha Pachouly Reetik Mathankar, Vipul Karande, Rahul Hipparkar,</b>	<b>“Payment Interface using Face Recognition”International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET) Volume 8 Issue VI June 2020</b>
<b>V V Waykule Deepali Mahale,Nikita Habib, Mrunal Kaledhonkar</b>	<b>“IOT Powered Wearable to Assist Individuals :Survey” published in Journal of Emerging Technologies and Innovative Research (JETIR) ISSN: 2349-5162, Vol 7, Issue6, June 2020</b>

<p><b>V V Waykule</b>  <b>Suyash Sutar</b>  <b>Suraj Nair</b>  <b>Tejas</b>  <b>Sonawane</b>  <b>Vrushabh</b>  <b>Mulik</b></p>	<p><b>”Typographic Portrait Generator Using Image Processing “ in Internat</b>  <b>Journal for Research in Applied Science and Engg Technology(IJRASET)</b>    <b>ISSN: 2321-9653 Vol 8,Issue 7,July 2020</b></p>
<p><b>A M Jagtap</b>  <b>Siddhant Upasa</b>    <b>Noorul Amin,</b>  <b>Sahil Damania,</b>    <b>Ayush Jadhav,</b></p>	<p><b>“Automatic Summary Generation using TextRank based Extractive Text Summarization Technique” inInternational Research Journal of Engine and Technology (IRJET)</b>    <b>ISSN: 2395-0056 Volume: 07 Issue: 05 May 2020</b></p>
<p><b>A M Jagtap</b>  <b>Dhebe Sujata,</b>  <b>Kandhare</b>  <b>Sneha,</b>  <b>Kale Yajat,</b>  <b>More Amar,</b></p>	<p><b>“Machine Learning Approach for Detect the Hateful Speech from Social Media” in International Journal of Innovative Research in Science, Engineering and Technology (An ISO 3297: 2007 Certified Organization) Vol. 9, Issue 2, February 2020</b></p>
<p>Mr. A. J. Kadam</p>	<p>NATURAL DISASTER MONITORING ALERT USING IOT  Publication date 2019/6/6 Journal of Emerging Technologies and Innovative Research (ISSN : 2349-5162) Volume 6 Issue Issue 6 Publisher JETIR</p>
<p>Mr. A.J.Kadam  Pooja Hande</p>	<p>EARLY STAGE DISEASE DETECTION SYSTEM  Publication date 2019/3/1 International Journal of Research and Analytical Reviews (IJRAR)E-ISSN 2348-1269, P- ISSN 2349-5138 Volume 6 Issue 1 Pages 5 Publisher IJARAR</p>
<p>Ms.Komal  Janardhan  Kawat Mr. A. J. Kadam</p>	<p>NATURAL DISASTER MONITORING ALERT USING IOT  Publication date 2019/3/1 International Journal of Research and Analytical Reviews (IJRAR) Volume 6 Publisher IJARAR</p>
<p>Shivani Pathak,  Piyusha Mahajan,  Ankita Patil,  Rutuja Patil,  Mrs. M. M. Swami</p>	<p><b>“Sentiment Analysis using Three different Algorithms”,International Journal for Research in Applied Science &amp; Engineering Technology (IJRASET)</b>  <b>ISSN: 2321-9653; IC Value: 45.98; SJ Impact Factor: 7.177 Volume 7 Issue XII, Dec 2019</b></p>



## BOOK/ ARTICLE PUBLICATIONS

Author	Title of the Book	Published by	ISBN /ISSN	Year
Dr D P Gaikwad	Theory and Applications of Mathematical Science,	International Publisher, London	ISBN 978-93-89562-12-5, DOI:10.9734/bpi/tams/v1.Vol.No.1,	

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

Sr No.	Name of Faculty	Name of the Patent	Patent Number and Date	Type (National/International/Commercialized)
	Nil			

## RESEARCH CITATIONS (Source of Data: Google scholar)

Name of faculty	Citation	Name of faculty	Citation
Dr.D.P.Gaikwad	201	Mrs.D.M.Ujalambkar	
Dr.M.A.Pradhan		Mr.S.G.Dhengre	14
Mr.N.R.Talhar		Mrs.S.J.Pachouly	
Mr.A.J.Kadam	49	Mrs.B.A.Patil	17
Dr.S.F.Sayyad		Mrs.A.A.Gupta	17
Dr.S.V.Athawale	69	Mr.N.S.Devekar	0
Ms.A.S.Deokar		Mr.S.S.Jadhav	0
Ms.B.R.Quazi		Mrs.S.S.Deshmukh	0
Ms.S.R.Nalamwar		Mrs.M.M.Swami	
Ms.V.V.Waykule		Ms.S.S.Kolte	0
Mr.A.M.Jagtap		Ms.M.M.Phadatara	5

**Total citations:**

## NUMBER OF STUDENTS PLACED

Initiated and Designed by IQAC, AISSMS COE PUNE

Sr No	Name of Organization visited	Number of students Participated	Number of students Placed
1	LTI		4
2	zensar		4
3	Infosys		6
4	TCS		12
5	Hitachi solutions		5
6	Bristlecone		4
7	Bitwise		2
8	Birlasoft		3
9	ATOS Syntel		6
10	FIS global		1
11	Cognizant		2
12	Concentric		3
13	Quality kiosek technologies		4
14	Tudip Technologies		1
15	Teradata		5
16	I reasearch Services		1

Lower Package Offered: **3.0 P/A**

Higher package Offered:**7.0 P/A**

Average Package Offered:**3.5 P/A**

#### NUMBER OF STUDENTS QUALIFIED IN THE EXAMINATION

GATE	GRE	UPSC	MPSC	Any other reputed examination for Higher studies (TOFEL, etc.)
3				

#### ME AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1	Mr. A J Kadam	Early Disease Detection System	HandePooja Madhukar
2	Mr. A J Kadam	Natural Disaster Monitoring Alert Using IOT	Kawat Komal Janardhan
3	Dr S F Sayyad	Food Inventory System	Reshma Owhal

#### PhD GUIDE DETAILS

Name of Faculty who are PhD Supervisor	Number of Scholars Registered

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### PhD AWARDED

Sr No	Name of Supervisor	Title of Thesis	Name of Candidate
1.	Dr M A Pund	Improved Intrusion Detection And Prevention System For WLAN Using Intelligent Mobile Agents	Dr S V Athawale

### INDUSTRIAL VISITS ORGANISED

Sr. No	Faculty Coordinator	Class and (Number of students attended)	Industry Name and Address	Date of visit
1	A.A.Gupta, B.A.Patil, Dr.S.F.Sayyad, A.M.JAgtap	TE-I and II  65	GMRT, Khodad	25Jan 2020
2	S.S.Kolte, Dr.D.P.Gaikwad, Dr.M.A.Pradhan, A.S.Deokae, M.M.Swami, M.M.Phadtare		NetscoutPvt Ltd.,Pune	1st Oct 2019
3	Mr.N S Devekar.  Dr.D.P Gaikwad  Dr.S F sayyad	SE-II(35)	Void star India,Pune	30/08/2019

	<b>Mr.S S Jadhav</b>			
	<b>Mrs.V V Waykule</b>			

### EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Class (Number of students attended)</b>	<b>Name, Industry, designation and contact details of Expert</b>	<b>Topic</b>	<b>Date</b>
1		65	Sherin Mathew, Reseach Associate ,,SearchBourne Consulting Pvt Ltd	Expert Lecture on Theory of Computation	09-09-2019
2	V V Waykule D M Ujalambkar	66	Jalaj Pachouly, Senior Consultant SymaneticSoftware India Pvt Ltd,	Expert Lecture on DMW	09-09-2019
3	V V Waykule	47	Jalaj Pachouly, Senior Consultant SymaneticSoftware India Pvt Ltd,	Expert Lecture on ADS	29/03/2019
4.	S.S.Kolte	70	Shrikant Borude, Net Scout Pvt, Ltd	Expert Lecture on Parallel Computing	09-10-2019
5	B.A.Patil and A.Gupta	75	Mr.Pranav Sharma	Expert lecture on Python for Data Science	04-09-2020
6	B.A.Patil and A.Gupta	80	Mr.Akshay Shinde	Internet of Things	05-01-2020
7	S S Jadhav	60	Mathew Sherin alex	Object Oriented Programmin g	9-9-2019
8	MMPhadatar e	35	Aruna Kumbhar	Software Project	2-10-2019

				Development in IT Industry	
9	MMPhadatar e	50	Shyam Tarate	Salesforce Technology	27-12-2019
10	S G Dhengre	105	Mr. Rishi Nair Arride Technologies Pune	Expert Lecture on Digital Marketing	05/06/2020
11	S G Dhengre	102	Mr. Amiot Bandil Citicorp Services India Pvt. Ltd, Pune	Expert Lecture on Future in IT Industries	10-06/2020
12	A S Deokar	75	Ms. Mansi Parakh FIS Global Solutions	Expert Lecture on Future in IT Industries	11/9/2020
13	N S Devekar	BE-II(100)	Mr.Shardul.S.Jadhav. (Project manager TCS)	Agile Project Management	01/08/2019
14	N S Devekar	SE-II(60)	Mr.Sheshraj Jankar Project manager Maestrotek Innovations Pvt Ltd,pune.	SCADA Technology	31/07/2019

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

Sr. No.	Name of Project guide	Year	Title of Industry Sponsored Project	Name of Sponsoring Industry

#### MOU SIGNED WITH INDUSTRY

Sr. No.	Faculty Coordinator	Name of Industry	Date of MoU Signed	Valid upto (00/00/0000)
1	Dr S F Sayyad	Intelliment Solutions	26/7/2019	26/7/2020

**FACULTY MEMBERS UNDERGONE INDUSTRIAL TRAINING**

<b>Sr. No.</b>	<b>Name of Faculty</b>	<b>Name of Industry</b>	<b>Dates and Duration</b>
1	M M Swami , A.A.Gupta	Infosys Ltd	• 2days

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

<b>Sr. No.</b>	<b>Name of the Student</b>	<b>Name of the Industry</b>	<b>Class</b>	<b>Training duration</b>		
				<b>Start date</b>	<b>Last date</b>	<b>Duration (days)</b>
01	Shivani Neharkar	Pixaflip Technologies	TE-II	16December 2019	16January 2020	1Month
02	Shantanu Chintawar	Pixaflip Technologies	TE-II	16December 2019	16January 2020	1Month

**WORKSHOPS/SEMINARS/CONFERENCES/COURSES CONDUCTED WITH INDUSTRY SUPPORT/COLLABORATION (FOR STUDENTS)**

<b>Sr. No.</b>	<b>Faculty Coordinators</b>	<b>Title of the Programme</b>	<b>Name of Industry</b>	<b>Type of Support/ Name &amp; Designation of Expert</b>
1	A M Jagtap	Automation Anywhere Certification	Automation Anywhere Bangalore	SE and TE Students registered on the website and completed basic certification.  Mr Lovneet Sharma, Automation Anywhere

**TRAINING TO INDUSTRY PERSONNEL/ ACTIVITY SUPPORTING TO INDUSTRY**

<b>Sr. No.</b>	<b>Faculty coordinator</b>	<b>Technical Area in which Training Provided / Type of Support</b>	<b>Industry Name</b>

#### TESTING AND CONSULTANCY

<b>Sr. No.</b>	<b>Faculty Coordinator</b>	<b>Type of Testing &amp; Consultancy Conducted</b>	<b>Total Revenue Generated (Rs.)</b>
	Nil		

#### ANY OTHER ACTIVITIES TO PROMOTE INTERACTION WITH INDUSTRY

<b>Sr. No.</b>	<b>Faculty coordinator</b>	<b>Name of Activity</b>	<b>Remark</b>

#### SUPPORT FROM ALUMNI

<b>Sr No</b>	<b>Name of Alumni</b>	<b>Position and Organisation</b>	<b>Batch (e.g. 2014 – 2018)</b>	<b>Details of Support</b>	<b>Date</b>
1	Mr.Akshay Shinde	TCS	2017	ExpertSpeaker in STTP on Topic IoT	11June202
2	Mr.Paras Shah	HackersEra, Pune	2017	Seminar on Cyber Security	8May202
3	Swapnil Khalapure	TCS Automation			
4	Pushpak Katkhede	IBM	2018	Session on Placement Preparation	12May2020
5	Mansi Parakh	FIS Global solutions,Ass	2018	Webinar on “Software Testing”	11 september

		ociate Engineer			
6	Akhilesh Mishra	Dassault Systems	2016	Webinar on Challenges in this Pandemic Situation	28April2020
7.	Ankit Yadav	SDET at SAS	2017	Placement Guidance for BE 2020-21 Computer Engineering students	16August2020

#### STUDENTS' ACHIEVEMENT (Individual Level)

Name of Student	Details of Achievement (State/University/ National/International Level)

#### STUDENTS' ACHIEVEMENT (Team Level)

Name of Event	Name of Faculty Advisor	Details of Achievement (State/University/ National/International Level)
CODE 19 hackathon organised by the California-based Motwani Jadeja Foundation	Dr.M.A.Pradhan	3rd Rank in CODE 19 hackathon organised by the California-based Motwani Jadeja Foundation with a Prize money of \$3000 USD
Smart India Hackathon-2019	Ankita Gupta	Sourabh Dawkhar(BE Computer) and team won first prize in Smart India Hackathon-2019 organized by AISSMSCOE on 8-13July 2019 at IIT,Hyderabad

#### SPORTS / CULTURAL ACHIEVEMENTS OF STUDENTS (Individual Level) (Team level

achievements to be mentioned in institute level sports/Cultural committee report)

Name of Student	Details of Achievement (State/University/ National/International Level)
Swarali Salunke	received Consolation prize in Firodiya Karandak 2020 as female vocalist



Swarali Salunke	received Second prize in Firodiya Karandak 2020 for Background Score
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**SOCIAL ACTIVITIES ORGANISED (NSS, Women empowerment etc.)**

Faculty coordinator	Name of Activity	Date, Duration	Number of students involved

**PARENT MEETING**

Faculty Coordinator	Day and Date	Details of Parent meetings organised
Dr.S.F.Sayyad	25/2/2020	Parent meeting of BE students organized

**ALUMNI MEET**

Faculty Coordinator	Day and Date	Details of Alumni meetings organised
Mr.A.J.Kadam	16 March 2019	AISSMSCOE Pune

**DETAILS OF STUDENT COUNSELING AND CAREER GUIDANCE AT THE DEPARTMENT LEVEL**

Number of students referred for counseling	
Number of Faculty referred for counseling	

Faculty coordinator	CAREER GUIDANCE ACTIVITY DETAILS

**MAJOR GRIEVANCES OF STUDENTS (IF ANY) REDRESSED** (\*) (Not to be included in annual report)

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**MISCELLANEOUS (SYLLABUS IMPLEMENTATION, MAJOR ADDITION IN INFRASTRUCTURE AND FACILITY, INNOVATIONS INTRODUCED, DEVELOPMENT OF E – CONTENT ETC.)**

<b>FACULTY</b>	<b>ACTIVITY</b>
<b>Dr D P Gaikwad</b>	<b>COs of all subjects have reframed according to Anderson’sTaxonomy and checked .</b>
<b>Dr M A pradhan</b>	<b>COs of all subjects have reframed according to Anderson’sTaxonomy and checked.</b>
<b>All Faculties of Department</b>	<b>COs of individual subjects have reframed according to Anderson’sTaxonomy</b>

**FEEDBACK FROM STAKEHOLDERS**

<b>Sr No</b>	<b>Stake holder</b>	<b>Number of Feedbacks Received</b>	<b>Overall Feedback</b>
1	Alumni	94	Good
2	Parents		
3	Employers		
4	Students		

**ANY OTHER NOTEWORTHY ACHIEVEMENT OF THE DEPARTMENT (Not mentioned above)**

<b>Sr. No.</b>	<b>Details</b>
<b>1</b>	<b>Computer Department won Best Department Award in Shivanjali 2020</b>

**TWO BEST PRACTICES FOLLOWED IN THE DEPARTMENT**

- |  |
|--|
| <b>1. Faculty Presentation every week on Current Research Topics</b> |
| <b>2. Paper published by Students and Faculties.</b>                 |

**SWOC ANALYSIS**

Detail five major strengths, weaknesses, opportunities, and challenges (SWOC) of the department and future plans of the Departments

<b>Strengths</b>	1	•Student and faculty publications.
	2	•Placement of students in industries.
	3	•Active Participation of students in Students Chapter

<b>Weaknesses</b>	1	•Funded projects.
	2	•Consultancy.
	3	•Less number of Ph.D

<b>Opportunities</b>	1	•Undertake Artificial Intelligence and Deep learning related projects.
	2	•Start Centre of Excellence and increase number of Research Oriented Projects.
	3	•Increase internship and organize STTP programme for students.
	4	•Establish collaborations with reputed Institutes.

<b>Challenges</b>	1	•Funds from different Government and Non-Government agencies.
	2	•Increase the number of consultancies.
	3	•Increase the number of complete patents.

#### **FUTURE PLANS OF THE DEPARTMENT (For Next Academic Year)**

<b>1</b>	<b>To get six year accreditation from NBA.</b>
<b>2</b>	<b>To increase placement of students.</b>
<b>3</b>	<b>To collaborate departments with different industries.</b>

#### **INITIATIVES TAKEN BY THE DEPARTMENT AT DEPARTMENT AND INSTITUTE LEVEL TO IMPROVE AND ASSURE QUALITY IN THE AREA OF**

<b>Area</b>	<b>Initiatives</b>
<b>Academics</b>	<b>Organized Industry Visit, Expert Lecture, Seminar, Workshops, FDP,STTP, Webinar</b>
<b>Co curricular</b>	<b>Codigo Madrid Club Activities and Students' Chapter Activities</b>
<b>Extra curricular</b>	<b>Cultural and Sports Activity Faculty: Ms.S.J.Pachouly Students took part in Firodiya Karandak: Ms.Shreya Vashikar, Swarali Salunke,Shubham Dhamale</b>

<b>Social</b>	<b>Participated Flood Rescue activity in kolhapur,Maharastra-All faculties Participated in Cloth donation-Ms.A.Gupta, Dr.M.A.Pradhan and Dr.D.P.Gaikwad</b>
<b>Infrastructure and facility</b>	<b>Microsoft Team overall coordinator-Dr.D.P.Gaikwad CC Lab computing facility-Mr.AJ.Kadam</b>
<b>Faculty Development</b>	<b>Coursera Courses, FDP,Webinar ,STTP attended NPTEL and NITTTR courses</b>
<b>Student welfare</b>	<b>Our students Club is created for the students by the students where Senior students conduct expert lectures for Junior students. Name of Club:Codigo Madrid Members of Codigo Madrid Club: Dr.D.P.Gaikwad, N.R.Talhar,Dr.S.F.Sayed, D.M.Ujalambkar, Ankita Gupta, Bhakti Patil, N.S.Devekar Our TE student Ankita Ugale has started College level Google Developer Student Club.</b>

#### SUMMARY SHEET

<b>Sr No</b>	<b>Activity/ Item</b>	<b>Numbers</b>
01	Students in the department	
02	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums organized by the department	
03	FDP/STTP/Seminars/Conferences/Workshops/ Symposiums attended by the department faculty	
04	Extension lectures (lectures delivered by visiting guests)	
05	Faculty served as resource person, expert or chairperson	
06	Extension activities conducted by the department	
07	MOU signed with academic and professional organizations	
08	Students' chapter /clubs	
09	Student events organized	
10	Papers published in proceedings of conferences	
11	Papers published in referred journals	

12	Book/ Article publications	
13	Patents and other IPR	
14	Students placed	
15	Students qualified in the examination	
16	ME Awarded	
17	PhD guides	
18	PhD awarded	
19	Industrial visits conducted	
20	Expert lectures delivered by industry experts	
21	Industry –sponsored projects (UG/PG)	
22	MOU signed with industry	
23	Faculty members undergone industrial training	
24	Students undergone in-plant training and (or) internship programme	
25	Workshops/seminars/conferences/courses conducted with industry support/collaboration (for students)	
26	Training to industry personnel/ activity supporting to industry	
27	Testing and consultancy for industry	
28	Any other activities to promote interaction with industry	
29	Support from alumni	
30	Sports / cultural achievements of students (Individual level)	
31	Social activities organized	
32	Parent meetings organized	
33	Alumni meet organized	
34	Number of student counseling and career guidance sessions organised	

### **GLIMPSES (Photographs)**

Initiated and Designed by IQAC, AISSMS COE PUNE

<b>ACHIEVEMENTS OF FACULTY (AWARDS, RECOGNITION, PHD COMPLETION ETC.)</b>	
Photo Size 5" x 7"	
<b>FDP/STTP/SEMINARS/CONFERENCES/WORKSHOPS/ SYMPOSIUMS</b>	
<b>ORGANIZED BY THE DEPARTMENT</b>	
<b>EXTENSION LECTURES (LECTURES DELIVERED BY VISITING GUESTS)</b>	
<b>MOU SIGNED</b>	
<b>EVENTS ORGANISED</b>	
<b>INDUSTRIAL VISITS</b>	
<b>EXPERT LECTURES DELIVERED BY INDUSTRY EXPERTS</b>	
<b>SPORTS / CULTURAL ACHIEVEMENTS</b>	
<b>SOCIAL ACTIVITIES</b>	
<b>AISSMS ENGINEERING TODAY</b>	
<b>Any Other</b>	

**Name and Signature of Head of Department**