



ANNUAL REPORT 2019-20

1) Preamble

2) Infrastructure Development:

3. Academic Excellence Achieved:

i) Training and Placement Activities at department level

SR NO.	BRANCH	ACTIVITY	DATE
1.	FE	Psychometric test & Counselling sessions	26/08/2019 to 27/08/2019 18/09/2019 to 25/09/2019

4. Staff Contribution towards quality improvement:

a) Grants received for Seminar/Conferences:

Sr. No	Year of Event	Name of Department	Grant	Sponsored by	Topic	Grant Sanction date
1	2019-20	SWO	35000/-	BSD SPPU	IPR, TPW,& Ethical Hacking	26/12/2019

• Journal Publication:

Paper publication in /National/International Seminars/Conferences:

Note:-Please write down complete journal name

Branch	Name of the Teacher/author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.	Impact Factor	URL	Citation	h-index
01	Prof.A.J.More	Study of Pulsating (Synthetic) Air Jet Heat Sink Cooling	International Journal of Research and Analytical Reviews (IJRAR)	Volume 6, Issue 2 www.ijrar.org Pg- 273-276	June 2019,	(E-ISSN 2348-1269, P-ISSN 2349-5138)	5.75	http://www.ijrar.org/view/full.php?id=IJAR19K3170		



FE	Dr. Y. P. Patil	A Qualitative Study on Subsurface Drainage of Agriculture Soil and Ways to Improve Subsurface Drainage.	Journal of Interdisciplinary Cycle Research	In press	2020	0022-1945	6.2	www.jicrjournal.com	in press	in press
FE	Dr. K. G. Wadikar	matrices over noncommutative rings as sums of k-th powers	Linear and Multilinear Algebra https://doi.org/10.1080/03081087.2019.1659219							
FE	A. Diwalkar V.	Base Isolation	IRJET	Volume 6, pages 4699-4703						



- **Conference Paper Publication**
Paper publication in /National/International Seminars/Conferences:

- **Book Publication**

Branch	Name of the Teacher/author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.
FE	D.D.Pise	Experimental investigation of polyer journal bearing under dry adn lubricating condion	2 days int. conference on mechanical sustainable development-2020 (ICMESD-2020)	2020	FE	D.D.Pise
FE	M.B.Nigade	Experimental investigation of polyer journal bearing under dry adn lubricating condion	2 days int. conference on mechanical sustainable development-2020 (ICMESD-2020)	2020	FE	M.B.Nigade
FE	V.D.Chopade	Experimental investigation of polyer journal bearing under dry adn lubricating condion	2 days int. conference on mechanical sustainable development-2020 (ICMESD-2020)	2020	FE	V.D.Chopade
FE	S. T. Salunkhe	Discovery of Radio-relic and the diffuse emission sources in merging and non-merging Galaxy clusters	Raman Memorial Conference 2020	2020	FE	S. T. Salunkhe
FE	Dr. Y. P. Patil	A Qualitative Study on Subsurface Drainage of Agriculture Soil	RASEAT, 5th International Virtual Conference on Recent Advances in Science, Engg,	2020	FE	Dr. Y. P. Patil



		and Ways to Improve Subsurface Drainage.	Agriculture and Technology			
FE	A.S.Apate	Crack Detection of Cantilever Beam by using FEA	International Research Journal of Engineering and Technology	2020	FE	A.S.Apate

• **Patents:**

Branch	Name of the Teacher	Title of the Patent	Application Number	Year
F. E. General	Dr. Y. P. Patil	IoT based power theft detection and monitoring system	2.02021E+11	2020
F. E. General	Dr. Y. P. Patil	Non-hazardous waste sanitary pad decomposition system	2.02021E+11	2020

• **Resource persons:**

Sr. No	Staff Name	Date & Place	Details
1	D.D.Pise	04/03/2020 AISSMS Poly. Pune	Evaluation of Microproject competition and Poster presentation
2	M.B.Nigade	04/03/2020 AISSMS Poly. Pune	Evaluation of Microproject competition and Poster presentation
3	Dr. K. G. Wadikar	First semester year 19-20	Translated 25 lectures on Matlab by NPTEL- IIT Madras in Marathi Language
4	A.H.Raheja	05/03/2020 AISSMS Poly. Pune	Evaluation of Microproject competition and Poster presentation

• **Seminar/Workshops/Conference organized**

Sr. No	Department	Topic	Conducted by	Date
1	FE	Effective Teaching	NITTTR, Kolkata	15/07/2019 to 19/07/2019
2	FE	Engineering Chemistry	SPPU PUNE	29/07/2019
3	FE	2-Days workshop on applied	AISSMS IOIT PUNE &IAIAM	09/01/2020 & 10/01/2020



		mathematics		
4	FE	ISRO Space Exhibition	ISRO and AISSMS-IOIT PUNE	24-02-2020
5	FE	National Science Day 2020	ISRO and AISSMS-IOIT PUNE	28-02-2020
6	FE	2-IEEE INTERNATIONAL CONFERENCE ON EMERGING SMART COMPUTING AND INFORMATICS - tutorial coordinator	IEEE & AISSMS IOIT, PUNE	12-3-2020
7	SWO	Ethical Hacking	AISSMSIOIT & BSD	04-02-2020
8	SWO	Technical Paper Writing	AISSMSIOIT & BSD	25&26/02/2020

• **List of Faculty Members who attended Course / Seminars / Workshops/STTP etc.**

Sr. No.	Branch	Name Of Staff	Event	Organized by	Date and Event
1	FE	D. D. Pise M. B. Nigade V. D. Chopade P. S. Rathod A. J. More N. P. Bhone S. S. Gadadhe A. S. Apate	Syllabus Implementation SME	AISSMS COLLEGE OF ENGINEERING PUNE	08/07/2019
2	FE	D. D. Pise V. D. Chopade M. B. Nigade	FE induction orientation program	AISSMS COLLEGE OF ENGINEERING PUNE	
3	FE	D. D. Pise V. D. Chopade M. B. Nigade	Solidworks2020 Launch Event	Pelf Infotech Pvt. Ltd	15/10/2019
4	FE	Dr. P. G. Musrif Gayatri Nitin Mawale Shivaji Sitaram Gadadhe Dr. Nidhi Sharma Vipin Dinkar Chopade Amit Raheja Yogesh Patil	Effective Teaching	NITTTR, KOLKATA	15/07/2019 to 19/07/2019



		Mahesh BalasahebNigade Ashish S. Apate ShindePanditBandu More Amol Jagannath Atiya Nasir Khan Pathan PiseDhananjayDattatray K. G. Wadikar Amruta Patil Madhuri Shinde S. V. Arlikar Nitin Bhone P. S. Rathod			
5	FE (Mechanical)	Prof. NITIN P. BHONE Prof. A. H. Raheja	One Day Faculty Development Program on "Awareness on Open Resource Platform for online Learning, Research and self Study" at AISSMS- COE Pune	AISSMS-COE Pune	04/10/2019
6	FE (Mechanical)	NITIN P. BHONE	One day seminar on learning management systems	AISSMS-IOIT, PUNE	23/08/2019
7	FE	Prof.S.S.Gadadhe	Induction SI	Dr.D.Y.Patil College Akurdi	10- 16/07/2019
8	FE	Prof.S.S.Gadadhe	Induction SI	Dr.D.Y.Patil College Akurdi	13- 15/06/2019
9	FE	Prof. P. B. Shinde Prof. A.H. Raheja Prof. G.N.Mavale	Problem Based Learning	NITTTR	20/05/2019 to 31/05/2019
10	FE	Prof. P. B. Shinde	Workshop on "Engineering Mathematics I(Revised syllabus structure 2019 credit course)"	SPPU	27/07/2019
11	FE	Prof. A.J.More Prof. A.S.Apate Prof. P. B. Shinde	"INDUCTION PROGRAM FOR FIRST YEAR ENGINEERING"	SPPU	19/07/2019
12	FE	Prof. A. J. More Prof. A.S. Apate	Automated Manufacturing Systems	NITTTR	01/07/2019 to 05/07/2019
13	FE	Prof. A.S. Apate	Introduction to Network Security	NITTTR	24/06/2019 to 28/06/2019
14	FE	Prof. A.S. Apate	Interpersonal Skills	NPTEL-AICTE	29/07/2019 to 29/09/2019



15	FE	Prof. A. H. Raheja	One Day Work-shop on "Effective Teaching Methodology for Engineering Mechanics 2019"	PCCOE, Akurdi, Pune-44	27/07/19
16	FE	Dr. Y. P. Patil Dr Nidhi Sharma Prof. M.B.Nigade	Faculty orientation workshop on Engineering Chemistry	AISSMS IOIT, PUNE	29/7/2019
17	FE	Dr Nidhi Sharma	Faculty Development program for student induction	AISSMS COE, PUNE	19/9/2019
18	FE	Dr Nidhi Sharma	Faculty Development program for student induction	AICTE	10-16 JUNE 2019
19	FE	Prof. M.B.Nigade	One week short term training program on "Advance in Tribilogy"	AICTE AISSMS COE, PUNE	4/11/2019 to 9/11/2019
20	FE	Dr. Yogesh Patil Dr. Nidhi Sharma D.D.PISE A.S. Apate A.H. Raheja G N Mawale V.D.Chopade Prof. Nitin P. Bhone Prof.M.B.NIGADE Prof. Prashant Mahajan	ISRO project exhibition	AISSMS IOIT & ISRO PUNE	20/02/2020
21	FE		Half day workshop on project base	AISSMS COE ,PUNE	24/01/2020



	(Mechanical)	Dr. Yogesh Patil Dr. Nidhi Sharma Prof. Prashant Mahajan Prof. Nitin P. Bhone Prof.M.B.NIGADE A. V. Diwalkar G N Mawale A M Patil	learning subject		
22	FE (Mechanical)	Prof.M.B.NIGADE	Microproject competition and poster presentation	AISSMS POLYTECHNIC pune	04-03-2020
23	FE (Mechanical)	Prof.M.B.NIGADE V.D.Chopade D.D Pise	Solidwork2020 launch seminar	Pelf infotech ltd	15 /10/2019
24	FE (Mechanical)	Prof.M.B.NIGADE	One week STTP in advance in tribology	AISSMS COE PUNE	04/11/2019 to 08/11/2019
25	FE	Dr. Yogesh Patil Dr. Nidhi Sharma Prof. Prashant Mahajan A.H.Raheja V.D.Chopade Prof.M.B.NIGADE D.D.PISE S.P.Gopnarayan	2-IEEE INTERNATIONAL CONFERENCE ON EMERGING SMART COMPUTING AND INFORMATICS	IEEE & AISSMS IOIT, PUNE	12/03/2020 TO 14/03/2020
26	FE	S. T. Salunkhe	One Day Faculty Development Program on Project Based Learning-	PCCOE, Pune	11-01-2020



			Engineering Physics		
27	FE	G N Mawale A M Patil A. V. Diwalkar	2-Days workshop on applied mathematics	AISSMS IOT and IAIAM	
28	FE	A. V. Diwalkar	1 Day workshop on R Language	AISSMS COE ,PUNE	09-11-2019
29	FE	G N Mawale A. V. Diwalkar S.S.Gadadhe	“Technical Paper Writing: Plagiarism issues, H-index”	AISSMS IOIT ,PUNE	25-02-20 to 26-02-20
30	FE	G N Mawale	1 Week training programe on River Morphology and Sedimentation Management	National Water Academy, Pune	9-12-2019 to 13-12-2019

• **Teaching Staff Achievement & Awards –**

Sr. No.	Department	Name of Staff	Achievement & Awards
1	Dr. K. G. Wadikar	First semester year 19-20	Translated 25 lectures on Matlab by NPTEL- IIT Madras in Marathi Language
2	FE	A.H.Raheja	Best FIRST YEAR GFM of Div C 2018-19
3	FE	A.H.Raheja	Best FE Div C CLASS 2018-19

ii) Non-Teaching Staff Achievement & Awards:

Sr. no.	Department	Name of Staff	Achievement & Awards
1	FE	Mr. Suraj Wadke	1 st Rank in Best Workshop Instructor (AISSMS Excellence Award 2019)
2	FE	Mr. Jitendra Kadu	2 nd Rank in Best Lab Attendant (AISSMS Excellence Award 2019)



6. Industry institute Interaction:

- Industrial Visits -Students

Sr. No	Date of Visit	Class	Company	No of Students Visited	Organized by/Attended by
1	19/08/2019	E&TC	Bombay Sappers	200	Prof. P.B.Shinde
2	20/08/2019	Comp, IT, Instru, Electrical, Electronics	SPPU	150	PROF. A.S.Apate
3	18/10/2019	C3 batch Group-2	Morris Garage showroom	5	D. D. Pise
4	17/10/2019	C3 batch Group-1	BMW two wheelers showroom	5	D. D. Pise
5	15/10/2019	C1 batch group-2	VolksWagen showroom	5	D. D. Pise
6	15/10/2019	C1 batch group-1	KIA motors showroom	5	D. D. Pise
7	16/10/2019	C2 Batch	Nexa Maruti Suzuki Showroom	5	D. D. Pise A.H.Raheja
8	8/11/2019	E1 Batch	Royal Enfield Showroom	20	Prof. M.B.Nigade
9	8/11/2019	E2 Batch	Royal Enfield Showroom	20	Prof. M.B.Nigade Prof. N.P.Bhone
10	7/11/2019	E3 Batch	MG Hector Showroom	19	Prof. M.B.Nigade
11	06-01- 2020	FE	Dr. Minoo Mehta apang udyog, yewalewadi, Pune	100	FE Staff
12	07-01- 2020	FE	Dr. Minoo Mehta apang udyog, yewalewadi, Pune	90	FE Staff
13	10-01- 2020	FE	Science park, Pune	50	FE Staff
14	11-01- 2020	FE	Science park, Pune	80	FE Staff
15	06-01- 2020	FE	Dr minoo Mehta apang udyog	100	PROF.M.B.Nigade



			manufacturing company yewalewadi pune		
16	07-01- 2020	FE	Dr minoo Mehta apang udyog manufacturing company pune	90	Prof M.B.Nigade
17	10-01- 2020	FE	Science park	50	Prof.M.B.Nigade
18	11-01- 2020	FE	Science park	80	PROF.M.B.Nigade
19	13/01/2020	All staffs	Cybercrime police centre shivajinagar pune	50	Prof Amit Kore
20	16/12/2019	All staffs	ETDC centre in agriculture college pune	50	Dr Sanjay kurkute
21	08-01- 2020	FE	Science park, Pune	100	Dr Yogesh Patil
22	09-01- 2020	FE	Science park, Pune	90	Dr Yogesh Patil

Faculty Members

Note: Please write down class & students' count.

Sr. NO	Date of visit	Class	Company	No. of Faculty visited	Organized By
For Staff					
1.	13/08/2019	-	Cummins College of Engineering, Pune	-	Dr. Y. P. Patil M. B. Nigade D. D. Pise
2.	24/09/2019	TESLA club	Tata Consultancy Services, Pune	11	Dr. Y. P. Patil M. B. Nigade D. D. Pise
3	24/08/2019	Training and placement	IMTME PUNE	8	M.B. NIGADE V.N.GHODAKE
4	13/01/2020	All Staff	ETDC Centre Agriculture College Pune	All Staff	Dr. Sanjay kurkute



5	30/01/2020	Div. B	Social visits to bhartiya samaj Seva Kendra orfan child Kendra koregaon park pune	45	Prof Pandit shinde , Dr. Y.P. Patil, Prof.M.B.Nigade, Prof D D.Pise
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7. Professional Society Activities :
(Expert Lectures, Competitions, aptitude tests etc)

Branch name :------(ISTE/CSI/IETE/IEEE etc. activities)

Sr. No.	Date	Activity Details Topic	Resource person/ Judge
1	7/9/2019 to 8/9/2019	1. Superconductor based Electromagnetic propulsion system for Innovation Challenge track 2. Power Theft Monitor for We Power track 3. Green Disposal System for Sanitary (WePower track) and 4. SACHET-smart helmet for Makers Fare competition	International Project Competition, Stamford International University, Thailand.

Expert Lectures:-

Note: Please write down class & students' count.

Sr. No.	Department	Date	Activity Details Topic	Speaker/ Judge	Organizer/ Staff Co coordinator / Student Coordinator
1.	FE C division	20/08/2019	Pune-Ladakh Building Future Together	Shri. JamyangNamgyal MLA, Ladakh	D. D. Pise A.H.Raheja
2	FE H Division	14/11/2019	Current Industrial Scenario in India	Shri Pavan Mohite	A.S. Apate

9. Department Activities:-

Activity conducted by faculty members for faculty during activity period

DEPARTMENT	Name of Staff	Date	Details of activities performed
FE	Prof. M.B.Nigade	01/10/2019	Presentation on IMTME visit under faculty knowledge forum
FE	Prof. M.B.Nigade	01/10/2019	Presentation on DIGITAL FARMING visited for TCS under faculty knowledge forum by Dr Y.P.Patil



FE	Prof. M.B.Nigade	02/10/2019	Session on latex and hands on training under faculty knowledge forum by Dr.P.G.Musrif
FE	Prof. M.B.Nigade	03/10/2019	Session on hydropower plants under faculty knowledge forum by Prof.S.S.Gadadhe
FE	Prof. M.B.Nigade	03/10/2019	Session on forging and its defects under faculty knowledge forum by Prof.N.P.Bhone
FE	Prof. M.B.Nigade	04/10/2019	Session music and meditation under faculty knowledge forum by Prof.S.V.Arlikar
FE	Prof. M.B.Nigade	11/10/2019	Session on Body language under faculty knowledge forum by Dr Nidhi Sharma
FE	Prof Pandit shinde , Dr Y.P.patil Prof.M.B.Nigade, Prof D D.Pise	30/01/2020	Social visits to bhartiya samaj Seva Kendra orfan child Kendra koregaon park pune
FE	Prof.M.B.Nigade	27/12/2019	Mock NBA checking in AISSMS Polytechnic pune
FE	Dr. Nidhi Sharma	3 week	First year Induction program

10. NSS Events:No. of students Enrolled

- No. of NSS camps held-
- Names of students participated in R.D.Parade-
- Special work done by NSS students-
- Any Other Information

Survey at Kedgaon, Bori Pardhi	Prof. S. S. Kokane, Prof. S. S. Gadadhe, Dr. Y. P. Patil	NSS Team	Unnat Bharat Project
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11. SWO

Special Guidance Scheme for FE Students

Sr. No.	Name of the Expert Professor	Date	Subject
1	Mr. Sagar Gharbudve, Mr. Ganga Thapa and Mr. Raturaj Jadhav	26/12/2019	Workshop on: Cyber Security and Ethical Hacking
2	Mrs. Shobha Nikam Mr. S.S.Gadadhe	26/12/2019	Workshop on: Technical Paper Writing

12. List of Eminent Personalities who visited institute

Sr. No	Date of Visit	Name of Personality	Profile of Personality	Event	Organized By
1	24/02/2020	Mr. M. C. Uttam	ISRO Cell	ISRO Exhibition	F. E. Department
2	28/02/2020	Dr. Sinha	Scientist F (Retired) ISRO Cell	SCIENCE EXHIBITION	F. E. Department

13. Media Coverage:

DEPARTMENT	Organized By	Date	Details of activities performed
FE	Ashish Apate	15/01/2020	हस्ताक्षर स्पर्धा
FE	Ashish Apate	15/01/2020	निबंध स्पर्धा
FE	Ashish Apate	15/01/2020	काव्य वाचन स्पर्धा