



Department of Engineering Sciences

NEWS LETTER 2019-20

STAFF HIGHLIGHTS

- Dr. Y.P.Patil awarded "Recognition of Excellency" on the occasion of Shahu Jayanti - 2019
- Dr. Y. P. Patil awarded "Best Researcher" by V D GOOD International Award Committee.
- Dr. Y. P. Patil registered patent on "IoT based power theft detection and monitoring system"
- Dr. Y. P. Patil registered patent on "Non-hazardous waste sanitary pad decomposition system"
- Prof. D.D. Pise was invited for as Expert lecture on "Evaluation of Microproject competition and Poster presentation" at AISSMS Polytechnic, Pune.
- Prof. M. B. Nigade was invited for an Expert lecture on "Evaluation of Microproject competition and Poster presentation" at AISSMS Polytechnic, Pune.
- Prof. A.H. Raheja was invited for as Expert lecture on "Evaluation of Microproject competition and Poster presentation" at AISSMS Polytechnic, Pune.
- Prof. A.H. Raheja received Best G.F.M. 2018-19 First Year Engineering Department.
- Mr. Suraj Wadke awarded "Best Workshop Instructor" by AISSMS Excellence Award 2019
- Mr. Jitendra Kadu awarded "Best Lab Attendant" by AISSMS Excellence Award 2019

INDUCTION PROGRAMME (Sem-I) 2019-20



Induction program was arranged in two sessions by the Department. Prof.S.V.Arlikar coordinated the first session and Dr. Nidhi Sharma coordinated the second session. Hon. Shri. Atul Joshi, CEO Indus Aviation System and Hon. Shri. Pravin Bhamare, Delivery Head, Tata Consultancy Services, Pune were the chief guests. **Honorary Joint Secretary Shri. Suresh Paratap Shinde & Honorary Joint Secretary Shri. Ajay Patil** encouraged the students by their valuable thoughts.

Principal, Dr P.B.Mane addressed the students and their parents. **Dr.P.G.Musrif (F.E.HOD)** gave introduction of department All representatives of college introduced their work to newly admitted students, HOD of all the departments, teaching staff members were present for this function. The newly admitted FE students and their parents were the audience. The information of our institute, rules and regulation of University of Pune and course content of FE was given to new students.

INDUCTION PROGRAMME (Sem -II) 2019-20



AISSMS IOIT, Pune & IAIAM, Pune, has organized A TWO day workshop on "Applied Mathematics" in association with The Indian Mathematics Consortium. Dr.P.G.Musrif, Prof.S.V.Arlikar & Dr. Nidhi Sharma coordinated the session. Hon. Shri Prataprao Pawar, The Chairman of sakal Group and Dr. T.H. Date were the chief guests. **Honorary Joint Secretary Shri. Suresh Paratap Shinde & Honorary Joint Secretary Shri. Ajay Patil** encouraged the students by their valuable thoughts.

Visit to Science Park, Pimpri Chinchwad Pune.

TEACHER'S DAY CELEBRATION



As a mark of respect to the teaching community, the college organised Teachers' Day program on 5th September 2019. Honorary Joint Secretary Shri Suresh Pratap Shinde, Honorary treasurer Shri Ajay Patil, Principal Dr. P.B. Mane were present for the function. It included felicitation of teaching faculty for the various contributions as well as achievements during the last academic year. It was **co-ordinated** by students of first year engineering under the guidance of **Dr. P.B. Mane**.

NATIONAL SCIENCE DAY



NATIONAL SCIENCE DAY was celebrated on Feb 2019 which is organized by Prof. Dr.P.G. Musrif and Prof S.T.Salunkhe. The invited guest Prof. A. K. Sihna Former ISRO Senior Scientist shared his research experiences in designing and launching rockets.

Expert lecture



Expert Lecture by Shri. JamyangNamgyal MLA, Ladakh, Talegaon Dabhade on "Pune-Ladakh Building Future Together" 20th August 2019



Expert Lecture by Mr. Pavan Mohite, Director SE&M on "Current Industrial Scenario in India" 15th November 2019

International Competition



'The TEAM'

From L to R in the picture: Gaurav Sonawane, Rishabh Bhat, Tanvi Patil, Madhavi Patthankar, Gargee Auti, Dr. Y. Patil, Sakshi Naik, Purva Balli, Vedant Gurav, Shreyas Shah, Ritesh Chaudhari, Arpit Ghat With Mr. Pierre Bourgois, Assistant President Stanford International University

Psychometric test



Faculty Development Program & Workshop



Faculty Development Program on "Effective Teaching" organized by AISSMS IOIT.



Workshop on "Engineering Chemistry" organized by AISSMS IOIT.

Space Exhibition Program



Dr. M.C. Uttam addressing student's along with Dr. P.B.Mane, Mrs. Uttam, Dr. P.G. Musrif.

Parents Meet



Dr. P.G. Musrif addressed the Parents



One Day Workshop on “Cyber Security and Ethical Hacking” organized by AISSMS IOIT.



Two Day's Workshop on “Technical Paper Writing: Plagiarism issues, H Index” organized by AISSMS IOIT.

INDUSTRIAL VISIT



Industrial Visit to Dr Minoo Mehta Apangodhar Sahakari Auddyogik Utpadak Sanstha Maryadit Yewalewadi, Pune.



Visit to Cyber Crime Branch office, Pune



Industrial Visit To IMTME Chinchwad, Pune.



Industrial visit to TATA innovation, invention and incubation centre Hadapsar, Pune.

Journal Publication

Name of the Teacher/author	Title of the paper	Name of the Journal/ Proceeding/ Edited Books	Volume & pages	Year of Publication	ISBN/ISSN No.
01	Prof.A.J.More	Study of Pulsating (Synthetic) Air Jet Heat Sink Cooling	International Journal of Research and Analytical Reviews (IJRAR)	2019	(E-ISSN 2348-1269, P- ISSN 2349-5138
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	2020	0022-1945
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	2019	
FE	A. V. Diwalkar	Base Isolation	IRJET	2019	2395-0072

RESOURCE PERSON

Sr. No	Staff Name	Date & Place	Details
1	M.B.Nigade	04/03/2020 AISSMS Poly. Pune	Evaluation of Microproject competition and Poster presentation

2	D.D.Pise	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

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 Mahesh Balasaheb Nigade Ashish S. Apate Shinde Pandit Bandu More Amol Jagannath Atiya Nasir Khan Pathan Pise Dhananjay Dattatray K. G. Wadikar Amruta Patil	Effective Teaching	NITTTR, KOLKATA	15/07/2019 to 19/07/2019

		Madhuri Shinde S. V. Arlikar Nitin Bhone P. S. Rathod			
5	F E (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	F E (Mechanical)	NITIN P. BHONE	One day seminar on learning management systems	AISSMS-IOIT, PUNE	23/08/2019
7	FE	Prof.S.S.Gadadh e	Induction SI	Dr.D.Y.Patil College Akurdi	10-16/07/2019
8	FE	Prof.S.S.Gadadh e	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 Engineerng 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.NIGA DE Prof. Prashant Mahajan	ISRO project exhibition	AISSMS IOIT & ISRO PUNE	20/02/2020
21	Mechanical	Dr. Yogesh Patil Dr. Nidhi Sharma Prof. Prashant Mahajan Prof. Nitin P. Bhone	Half day workshop on project base learning subject	AISSMS COE ,PUNE	24/01/2020

		Prof.M.B.NIGA DE A. V. Diwalkar G N Mawale A M Patil			
22	Mechanical	Prof.M.B.NIGA DE	Microproject competition and poster presentation	AISSMS POLYTECHNIC pune	04-03-2020
23	Mechanical	Prof.M.B.NIGA DE V.D.Chopade D.D Pise	Solidwork2020 launch seminar	Pelf infotech ltd	15 /10/2019
24	Mechanical	Prof.M.B.NIGA DE	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.NIGA DE 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 Developement Program on Project Based Learning-Engineering Physics	PCCOE, Pune	11-01-2020
27	FE	G N Mawale A M Patil	2-Days workshop on applied mathematics	AISSMS IOT and IAIAM	

		A. V. Diwalkar			
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

INDUSTRY INSTITUTE INTERACTION

Sr. NO	Date of visit	Class	Company	No. of students visited	Organised 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		M.B. NIGADE V.N.GHODAKE
4	13/01/2020	All Staff	ETDC Centre Agriculture College Pune	All Staff	Dr. Sanjay kurkute
For Students					
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 udyaog manufacturing company yewalewadi pune	100	PROF.M.B.Nigade
16	07-01-2020	FE	Dr minoo Mehta apang udyaog 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	Cyber crime 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
23	30/01/2020	Div. B	Social visits to bharatiya 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

EXPERT LECTURE

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

DEPARTMENT ACTIVITIES

Sr. No.	DEPARTMENT	Name of Staff	Date	Details of activities performed
1	Engineering Sciences	Prof. M.B.Nigade	01/10/2019	Presentation on IMTME visit under faculty knowledge forum
2	Engineering Sciences	Prof. M.B.Nigade	01/10/2019	Presentation on DIGITAL FARMING visited for TCS under faculty knowledge forum by Dr Y.P.Patil
3	Engineering Sciences	Prof. M.B.Nigade	02/10/2019	Session on latex and hands on training under faculty knowledge forum by Dr.P.G.Musrif
4	Engineering Sciences	Prof. M.B.Nigade	03/10/2019	Session on hydropower plants under faculty knowledge forum by Prof.S.S.Gadadhe
5	Engineering Sciences	Prof. M.B.Nigade	03/10/2019	Session on forging and its defects under faculty knowledge forum by Prof.N.P.Bhone
6	Engineering Sciences	Prof. M.B.Nigade	04/10/2019	Session music and meditation under faculty knowledge forum by Prof.S.V.Arlikar
7	Engineering Sciences	Prof. M.B.Nigade	11/10/2019	Session on Body language under faculty knowledge forum by Dr Nidhi Sharma
8	Engineering Sciences	Prof Pandit shinde , Dr Y.P.patil Prof.M.B.Nigade , Prof D D.Pise	30/01/2020	Social visits to bharatiya samaj Seva Kendra orphan child Kendra koregaon park pune
9	Engineering Sciences	Prof.M.B.Nigade	27/12/2019	Mock NBA checking inAISSMS Polytechnic pune
10	Engineering Sciences	Dr. Nidhi Sharma	3 week	First year Induction program