



JUNE —DEC 2020

ISSUE 22

Reflection

A newsletter of Department of Computer Engineering

Message From Head of The Department

Welcome and best wishes to all my colleagues and students at the Department, who receive this Newsletter. It gives me great pleasure to present the twenty second issue of "REFLECTION". It has been an interesting and busy semester for members of the Department. This newsletter is an attempt to highlight the achievements of the department. In spite of the constraints due to the pandemic, our students and staff have been very active throughout the semester. As you read through the pages you will realize, that the Department has had a particularly successful semester. The Department has recorded consistent improvement in its academic, research and placement performance.

I hope that this newsletter will serve the purpose of reflecting upon the activities of the department and it will inspire others to do their best. I would like to thank all my colleagues for their tireless efforts to help the department progress at a very steady pace. I appreciate and applaud the editor, Dr. Archana Kale for the successful release of this edition.

Dr. Nuzhat F. Shaikh

Message From the Editor

We are presenting you with the twenty second issue of our newsletter "Reflection". Our intention is to put out two issues per year, one at the end of May and the other at the end of December.

The success of this newsletter depends on your response. I would appreciate your feedback.

Dr. Archana P. Kale

Education is for improving the lives of others and for leaving your community and world better than you found it.

—Mortan Wright Edelman

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The best way out is always through ~ Robert Frost

CLASS TOPPERS

S.E.- I (SEM II)



KHAIRNAR PRATHAMESH
9.6



KAZI SARAH
9.52



BHOR SAMRUDDHI
9.52



THORAT ANJALEE
9.48



SHAH DHRUVIL
9.44



BHANJI AMURTA
9.44



GAIKWAD KETAN
9.44



GANAGE RUTUJA
9.42

S.E. - II (SEM II)



KACHWALA SHABBIR
9.68



GIRAMKAR NIKHIL
9.66



ATTAR ZULFA
9.6



IRANI VARUN
9.6



SHAIKH REHAN
9.58



KASHID SHREYA
9.54

S.E.- Second Shift (SEM II)



GUNDECHA PRITAM
9.52



HINDUJA TANIYA
9.46



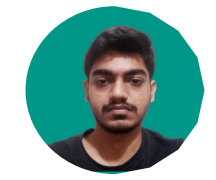
GHODKE ABHISHEK
9.44



TANDALE HARSHITA
9.4



GHATGE GAURAV
9.38



TEMKAR PRATIK
9.38

T.E. - I (SEM II)



MAURYA RICHA
9.57



RATHOD PRIYANKA
9.50



KALOKHE JYOTI
9.43



GUPTA VIVEK
9.35



LULLA GURUSHA
9.35



PAWAR SUDESH
9.30

T.E. - II (SEM II)



GOEL PRANAV
9.57



GAWADE SHUBHAM
9.5



SALVI TEJASHREE
9.43



ABHISHEK GAURAV
9.35



BRAGANZA JESSICA
9.35



TIWARI AKANKSHA
9.3

T.E.– Second Shift (SEM II)



MOKASHI DEEPAK
9.67



PATNI KRATI
9.54



SHAH DARSHAN
9.41



BHAPKAR KUNAL
9.28



KESTE RAJ
9.07

B.E—I (SEM II)



RAUT SATYAPRIYA
9.46



AKSHIT KEOLIYA
9.19



GUGALE RACHANA
9.14



PRAJAPATI NITISH
9.13



NAZARE JUHILEE
8.99

B.E—II (SEM II)



GUJARATHI SHARVIN
9.37



DESHMUKH RUTUJA
9.28



PATEL VAIDEHI
9.26



SHAIKH JUVERIYA
9.22



KULKARNI SWATI
9.08

B.E - Second Shift (SEM II)



GAVHANE SIDDHI
8.98



BOHRA DARSHITA
8.86



BALLAL JEEVYA
8.8



MANE PRAVIN
8.79



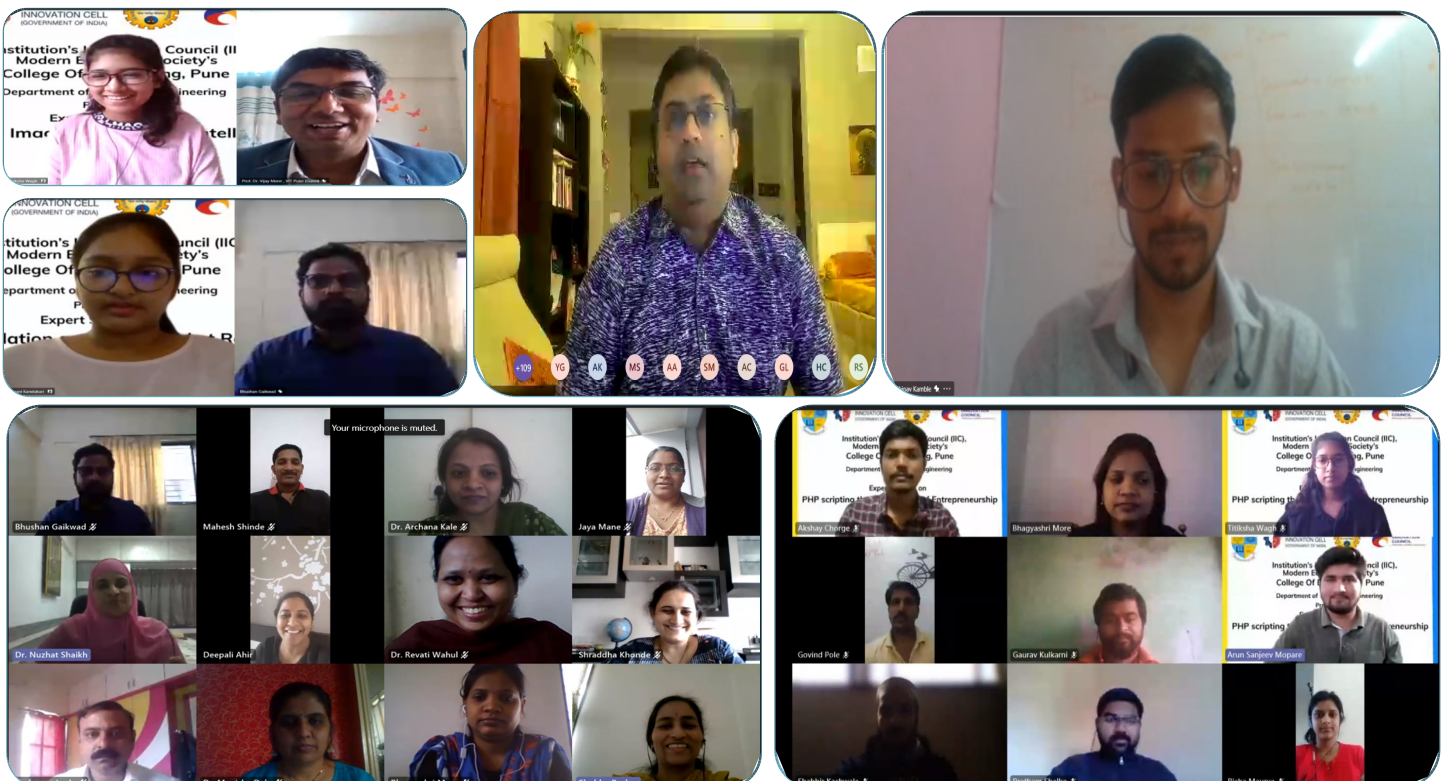
AGRAWAL KARISHMA
8.72

Student Workshop

1. A One day workshop was arranged for all SE Computer Students on the topic of “LaTeX -A documentation Tool”, on 12th Dec 2020. The speaker for the session was Ms. Shubhangi Ingale, Asst. Prof. COMP Dept. MESCOE Pune. This workshop gave students an idea for using LaTeX - for Documentation of their research work.
2. A One day workshop was arranged for all SE Computer Students on the topic of “MATLAB and Simulink and It's Application in Engineering Research”, on 17th Dec 2020. The speaker for the session was Mr. Milind Khanderao, Application Engineer, DesignTech System Pvt. Ltd. Pune. The outcome of this workshop was that students were able to understand MATLAB and Simulink, It's Application for computation, programming, and graphical visualization of the result.
3. A One day workshop was arranged for all TE and BE Computer Students on the topic of “Machine Learning and Deep Learning and its application in Engineering Research”, on 18th Dec 2020. The speaker for the session was Mr. Suraj Gawande, Sr. Engineer, DesignTech System Pvt. Ltd. Pune. The outcome of this workshop was that students were able to understand applications of Machine Learning and Deep Learning for various modern-day problem solving.

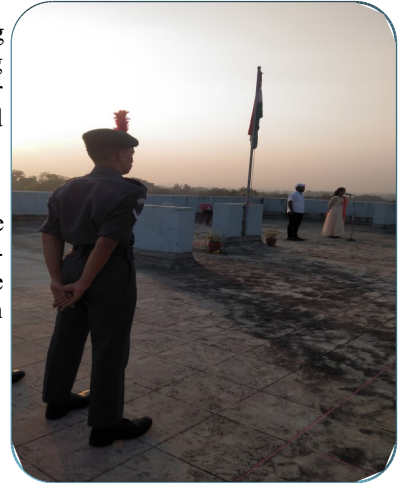
Departmental Events

1. A Guest Lecture was arranged for the students of BE Computer on the topic of “Entrepreneurship Development and Innovation” on 9th Oct 2020. The speaker for the session was Mr. Ashish Tetali (Ex-Director Master Card Worldwide). He talked about Innovation and Entrepreneurship Development and the need for it.
2. A Guest Lecture was arranged for the students of TE and BE Computer on the topic of “Project Management and Product Ownership” on 10th Dec 2020. The speaker for the session was Mr. Abhinav Kamble (Founder, CEO SOLable India). He talked about different project management activities and product ownership.
3. A Guest Lecture was arranged for the students of TE and BE Computer on the topic of “Medical Imaging and AI” on 12th Dec 2020. The speaker for the session was Dr. Vijay Mane (Professor VIT, Pune). He talked about the use of AI in the medical field.
4. A Guest Lecture was arranged for the students of TE and BE Computer on the topic of “Idea Validation and Basic Market Research” on 14th Dec 2020. The speaker for the session was Mr. Bhushan Gaikwad (Founder and CEO, Engineers Connect). He talked about Basic market research strategies.
5. A Guest Lecture was arranged for the students of TE and BE Computer on the topic of “PHP scripting through the lens of Entrepreneurship” on 21st Dec 2020. The speaker for the session was Mr. Akshay Chorge, (Founder and CEO, Softy Inc). He talked about PHP scripting and hosting the web.



Day's Celebration

Independence Day Celebration: On the occasion of Independence Day, flag hosting was held on 15th Aug 2020 at 7:50 am. College staff was present for the flag hosting. Flag hosting was done by respected Principal Sir. The objective of this program is to salute our martyrs who laid their lives for the defense of the country and to contribute to the social and cultural forum for the Indian community. It also contributes to humanitarian causes.

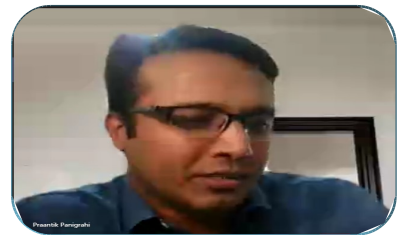


Celebration of Teacher's Day : Teachers day is celebrated as a tribute to the valuable contribution made by teachers to society by imparting knowledge and enlightening and shaping the career of students on 5th Sept 2020. The objective of this program is to celebrate the birthday of a timeless teacher and the former President of India Dr. Sarvepalli Radhakrishnan and respect and appreciate the teacher's role in student's life.

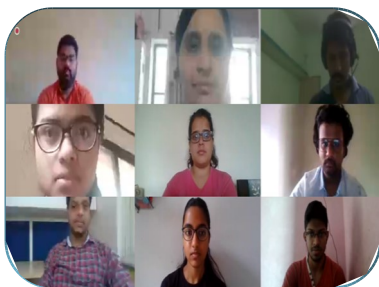


Engineer's Day: The precious day for all Engineers was celebrated on 15th Sept 2020 by various activities.

1. A One day FDP on "Vital Inner Engineering" was arranged for the MESCoE Staff. The speaker for the session was Mr. Praantik Panigrahy Director of ViPran Enterprises. The speaker talked about importance of Inner Engineering.
2. A Guest Lecture on "Cyber Security and Bug Bounty" was arranged for the BE Computer. The speaker for the session was Mr. Amey Ruge and Mr. Praveen Sutar, cyberSecurist Technologies Pvt. Ltd., Pune. Speakers discussed various techniques of Bug Bounty.
3. A Guest Lecture on "Machine Learning" was arranged for the TE Computer. The speaker for the session was Dr. Sachin Patil, Asst. Prof. ,CSE Dept., Rajarambapu Institute of Technology RajaramNagar. The speaker talked about various classification methods of Machine Learning.
4. A Guest Lecture on "Joy of computing using Python" was arranged for the SE Computer. The speaker for the session was Dr. Gitanjali Shinde, Assistant Professor, Smt. Kashibai Navale College of Engineering, Pune. Speakers talked about basic concepts of Python.



Saraswati Pooja and Ayudh Pooja: On this occasion Ayudh Pooja and Saraswati Pooja was organized at Lab 304 Computer Engineering Dept. on 24th Oct 2020 at 11.00 am. Ayudha Pooja is one of the ways to honor and express gratitude for all the instruments that add meaning to our life. Saraswati Pooja on this occasion is to acknowledge the value of education and arts in our life.



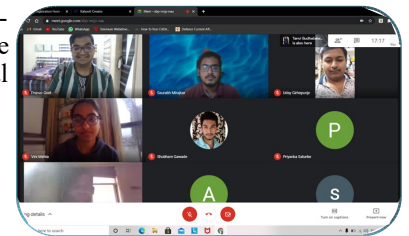
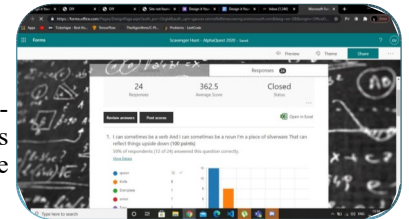
Virtual Lab

Sr No.	Event Name - Workshop Topic	Participants	Date
1	VLabs IITB : Nodal Centre Orientation workshop	MESCOE VLABS Team	29 th Aug 2020
2	Virtual Labs: Hands-on In-House Workshop #1	Mechanical & FE Dept. Faculty	3 rd Sep 2020
3	Virtual Labs: Hands-on In-House Workshop #2	Computer & EnTC Faculty	4 th Sep 2020
4	Virtual Labs: Hands-on In-House Workshop #3	VLabs Student Coordinators	12 th Sep 2020
5	Virtual Labs: Hands-on In-House Workshop #4	All Faculty	3 rd Oct 2020
6	Virtual Labs: Comp. Graphics In-house Workshop	SE Comp Students	10 th Oct 2020
7	Virtual Labs: OOP In-house Workshop	SE Comp Students	19 th Oct 2020
8	Virtual Labs: Python & DSL In-house Workshop	SE Comp Students	23 rd Nov 2020
9	Virtual Labs: DEL In-house Workshop	SE Comp Students	8 th Dec 2020
10	Virtual Labs: AI & SE Labs In-house Workshop	BE Comp Students	12 th Dec 2020

ALPHA QUEST 2020 - (ACE)

An intra-college technical event/competition organized by ACE (The Association of Computer Engineers) of the Computer Department on 15th December 2020. Five different events Code Junkies, DIY, Valorant, Scavenger Hunt and Quizvid-20 were run in parallel over the course of a day.

All events saw great participation with the total number of registrations coming from publicity prior to the event as well as on-the-spot registrations. All participating students were awarded certificates and winners, Cash prizes for Technical Events and Non Technical Events.



NSS Activity

Sr. No.	Details of Activity	Date	Participants	Guest Speaker
1	Virtual International Yoga Day 2020	21 st June 20	MESCOE Staff & Students Volunteers	Ms. Ketki Gham (NSS Volunteer)
2	Central Vigilance Commission Online Integrity Pledge	29 th June 20	140 NSS Volunteers	--
3	Tree Planation	-	NSS Volunteers	
4	NSS Day Celebration-Mazhe Kutumb Mazhi Jababdaari	24 th Sept 20	200 Participants (MESCOE Staff and Students Volunteers)	Dr. Ujawala Hake
5	Constitution Day Celebration	26 th Nov 20	50 NSS Volunteers	--



If you fail to plan, you are planning to fail! ~ Benjamin Franklin

The Institution's Innovation Council of Modern Education Society's College of Engineering (IIC MESCOE) has been established on 27th October 2020. At present there are 55 staff and 63 students who are active members of IIC. These members are actively coordinating and organizing multiple activities for the benefit of all the students of MESCOE. MIC has divided the complete academic year into 4 quarters.

Objectives of formation of IIC-MESCOE

1. ATAL Innovation Ranking (ARIIA)
2. NIRF Ranking
3. IIC Ranking
4. Funding to potential startups by MIC (Ministry of Education's Innovation Council)
5. Motivation to students to become entrepreneurs
6. Internship opportunities at startups to students
7. Educate students regarding the IPR process and its importance
8. To conduct various Innovation, IPR and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
9. Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
10. Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries.

Startup Cell Activity

Sr.	Activity Type	Activity	Date of Conduc-	Speaker	Speaker Information
1	IIC Calendar	My Story - Motivational Session by Successful Innovators	7 th Dec 2020	Mr. Digambar Harishchandre	Founder, Harish Solar Solutions
2	Comp Dept. SDA	Expert Talk on Project Management and Product Ownership	10 th Dec 2020	Mr. Abhinav Kamble	Founder and CEO, SOLable.in
3	Comp Dept. SDA	Medical Image And Artificial Intelligence : Opportunity for	12 th Dec 2020	Dr. Vijay Mane	Domain Expert and Professor, VIT, Pune
4	Comp Dept. SDA	LaTeX : A Tool for Writing Research Reports on Innovation	12 th Dec 2020	Ms. Shubhangi Ingale	Expert & Faculty, MES-CoE
5	Comp Dept. SDA	Expert Talk on Idea Validation and Basic Market Research	14 th Dec 2020	Mr. Bhushan Gaikwad	Founder, EngineersConnect
6	Comp Dept. SDA	PHP Scripting through the lens of Entrepreneurship	21 st Dec 2020	Mr. Akshay Chorge	Founder and CEO, Softy Inc
7	Comp Dept. SDA	Financial Tips for Entrepreneurs Launching a Startup	24 th Dec 2020	Mr. Abhishek Kar	Co-Founder, Abhishek Kar's Academy
8	IIC Calendar	Problem Solving and Ideation Workshop	26 th Dec 2020	Mrs. Kriya Doshi	Founder, Think Young
9	IIC Calendar	Workshop on Phases of Entrepreneurship Development	30 th Dec 2020	Dr. Kavita Saxena & Dr. Satya Ranjan Acharya	Faculty, EDII, Ahmedabad

Innovation Cell Activity

Sr. No.	Name of the Activity	Date	Speaker
1	Workshop on Entrepreneurship and Innovation as Career Opportunity	27 th Nov 2020	Mr. Pandole & Mr. Garg
2	Workshop on MATLAB & Simulink & it's Application in Engg. Research"	17 th Dec 2020	Mr. Milind Khanderao
3	Workshop on "Machine Learning and Deep Learning & it's Application in Engg. Research"	18 th Dec 2020	Mr. Suraj Gawande
4	Session on "Entrepreneurship on Innovative Technologies"	24 th Dec 2020	Mr. V T. Kairamkonda

BE Placements

Name of Company	Students
Xorient	Darshan Mayur Shah, Gurusha Shankar Lulla, Shubham Sadanand Gawade
Capgemini	Vini Manoj Mehta
Tudip_Ninja	Pooja Shamkant Malpure
TCS	Abhinav Rabindra Kumar, Aniket Rajesh Gaikwad, Rithvik Vitthal Shindihatti, Shreyash Sachin Deshpande, Shriram Ashok Rajdeo, Survesh Shashikant Mandhare, Viraj Rajendra Hinge, Tankala
Altemetrik	Tejashree Rajendra Salvi
Arees	Shivani Mukesh Oswal
Bitwise Solutions	Rahul Suresh Ubale
Blue Flame Labs	Dhanshree Vidhyadhar Paranjape
Capgemini	Aditi Rajesh Limkar, Anish Chandrasekaran, Deep Sanjay Shende, Harsha Ratan Bang, Harshal Rajendra Jorwekar, Jyoti Jatteppa Madari, Rohit Ajay Late, Shivani Deepak Sakpal, Shoaib - Sayyad, Shreyas Balachandra Bhat, Sudesh Deepak Pawar, Yashwant Santosh Thombre, Yogen Prashant Ghodke, Charmika
VM Ware	Akanksha Shambhunath Tiwari, Sanjana Jitendra Joeel, Aishwarya Rajesh Jadhav
Endurance	Ayush Deepak Vyas, Shravani Rajendra Kanade, Shrutika Sandip Deshmukh, Shubham Vijaykumar Rawale
EXFO	Deepak Ramchandra Mokashi, Paras Sharad Surve, Shruti Pramod Nirbhavane
FLEX	Pratham Somaji Shelke, Vivek Rajesh Gupta, Amruta Prakash Palande, Hitesh Abhaykumar Chordiya, Nitin - Koul
Harbinger	Jessica James Braganza, Krishna Sukhadev Sonavane, Stephen Simon Dias
Left Right Brains	Atharva Ajay Chaudhari, Kunal Bhushan Yeola
NTT Data	Raj Sandip Kaste, Rohit Prakash Wadne
Utycs	Gaurav, Akash Udaykumar Lende
Persistent	Prasad Vijay Mulherkar, Richa, Abhishek, Rishikesh Pravin Patil, Shivani Vijay Taru, Siddharth Uday Atre, Ketan Sanjay Patel, Keerthi Anil Nambiar, Piyush Rajnikant Pawar, Pranav Navin Goel

Staff Workshop / FDP/ STTP

1. All staff members attended One day Online FDP on “Humanity and Social Science” (SE 2019 Course) organized by the Dept. of Computer Engineering, MESCoE in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune organized by MESCoE, Pune on 6th July 2020.
2. All staff members attended one day online FDP on “Vital Inner Engineering” organized by the Dept of Computer Engineering, MESCoE in association with ViPran Enterprises on the occasion of Engineer's Day on 15th Sep 2020.
3. All staff members attended expert session on “New Education Policy 2020- Higher Education Perspective” on 26th Oct 2020.

Dr. N. F. Shaikh -

1. Participated in One week FDP on “Problem Based Learning” organized by the Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 1st - 5th June 2020.
2. Attended online 5 days FDP on “Cloud Computing using AWS” jointly organized by Department of Computer Engineering And Information Technology by Trinity College of Engineering & Research, Pune from 3rd - 7th June 2020.
3. Attended One week FDP on “Advancements in IoT”, organized by Department of Computer Engineering in association with CSI, MMCOE, 8th - 12th June 2020.
4. Attended one day FDP on BCSL organized by IIIT, Pune and BoS Computer Engineering, SPPU on 7th July 2020.
5. Attended one day FDP on DSL organized by BVCOE, Lavale, Pune and BoS Computer Engineering, SPPU on 8th July 2020.
6. Attended “VIRTUAL LABS: HANDS-ON WORKSHOP” for the faculty of all Disciplines of Engineering Organized by PVG's COET, Virtual Labs Regional Center (Pune) RCID 01.
7. Attended international webinar series, organized by Machine Intelligence Research Labs (MIR Labs), USA from 20th July - 11th Aug 2020.
8. Attended online session on Psychological Wellbeing organized by Bhaktivedanta Research Center, Pune on 20th Aug 2020.
9. Attended SNU-WebTech Series - II organized by Department of Computer Science and Engineering, Sister Nivedita University on 22nd Aug 2020.
10. Attended AICTE sponsored one week STTP on Opportunities and Challenges in Smart City Implementation in IoT Era organized by Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 21st - 26th Sept 2020.
11. Attended webinar on Technical Writing by JIS University, Kolkata on 10th Oct 2020.
12. Attended awareness webinar on Outcome Based Education and Accreditation organized by COEP on 27th Nov 2020.
13. Attended online FDP on BCS for S.E Comp 2020 revised syllabus organized by I2IT Pune on 7th July 2020.

Dr. (Mrs.) R. A. Khan -

1. Coordinated and was resource person for online FDP for SPPU, SE Comp 2020 revised syllabus for HSS. organized by MESCoE, Pune on 6th July 2020.
2. Conducted an online FDP for SPPU ,for SE Comp 2020 revised syllabus for BCS organized by I2IT Pune on 7th July 2020.
3. Attended a 3 day hands on FDP on I.O.T from 16th July 2020 to 18th July 2020 organized by National Institute of Technology , Surathkal & PANTECH (Step-N.I.T. K).
4. Attended an online session on Women Prowess by I2IT Pune.
5. Attended a V.I Lab workshop on 12th Aug 2020.
6. Attended an online session on Psychological Wellbeing organised by Bhaktivedanta Research Center, Pune on 20th August 2020.

Dr. S. K. Wagh -

1. Attended Two Week Online FDP under AQIS 2019-2020 on “Emerging Trends in Deep Learning and Its Applications” Sponsored by All India Council for Technical Education (AICTE) ,New Delhi and organized by Department of Computer Engineering & Dr. D. Y. Patil Institute of Technology, Pimpri from 20th - 31th Dec 2020.
2. Attended One Week Online Short Term Training Program (STTP) entitled “Blockchain in DevOps: Implementing Transparent Continuous Delivery” under AICTE Quality Improvement Scheme (AQIS) from 04th - 09th Aug, 2020 Organized by Department of Computer Science and Engineering, SVERI's College of Engineering Pandharpur, Maharashtra.
3. Successfully completed 8 week NPTEL course on "Enhancing Soft Skills and Personality".
4. Attended AICTE sponsored one week STTP on " Opportunities and Challenges in Smart City Implementation in IoT Era" organized by Department of Electronics and Telecommunication Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 21st to 26th Sept 2020.
5. Attended a Webinar on "Insights of NIRF Ranking" organized by S. B. Patil College of Engineering Indapur, under the *Innovation and R & D Cell *.
6. Attended workshop “Digital Teaching Techniques” organized by ICT Academy from 12th-17th Oct 2020.
7. Attended workshop on “Information Security and Digital Forensics ”organized by Department of Computer Engineering, Army Institute of Technology, Pune and sponsored by AICTE, from 23rd - 28th Nov 2020.

Staff Workshop / FDP/ Webinar / STTP

Dr. (Mrs.) J. R. Pansare -

1. Attended session on C4I4 online module on Data Science and Manufacturing on 30th June 2020.
2. Attended Smart India Hackathon (SIH 2020) as a mentor for the team of 6 students Round 1, 2, and 3 on 31st July and 1st Aug 2020 and received the second position for the team.
3. Attended VLAB workshop on 4th Sept 2020.
4. Conducted Mini Project competition Evaluation at MIT, WPU, Pune as a resource person.

Dr. (Miss.) R. M. Wahul -

1. Attended One Week's International FDP on "AI and Data Science" organized by Department of MCA, JSPM's RSCoE, Pune, Maharashtra, India, during 22nd-26th July, 2020.
2. Attended One Week online FDP on "NAAC Accreditation Process in HEI's" Rashtriya Uchchar Shiksha Abhiyan (RUSA) in association with JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune during 27th July - 1st Aug 2020.
3. Attended workshop on "Tips for conducting Online Examinations" conducted by RUSA (Rashtriya Uchchchar Shiksha Abhiyan) in joint collaboration with Savitribai Phule Pune University, Pune on 16th Sep 2020.
4. Attended Two Day National Open Workshop on "Getting Aligned to the Publishing Process- Scopus + ScienceDirect" by Elsevier on 25th Sept 2020 and 28th Sept 2020.
5. Attended AICTE Sponsored One- Week Online Short Term Training Program on 'Advances in Biomedical Signal Processing with Hands-on', organized by Cummins CoEW, Pune, during 5th -10th Oct 2020.
6. Attended One week online certificate Course on "Digital Teaching Techniques", organized by ICT Academy during 12th -15th Oct 2020.
7. Attended Two-week online FDP under AQIS 2019-20 on "Emerging Trends in Deep Learning and Applications" organized by Department of Computer Engineering & Dr. D. Y. Patil Institute of Technology, Pimpri from 20th - 31st Dec 2020.

Mrs. S. R. Khonde -

1. Attended one day FDP on "Business Communication Skill Laboratory" hosted by International Institute of Information Technology, Pune, on 7th July 2020.
2. Attended Five days FDP on "Recent trends in information technology" organized by department of Information technology, Bharati Vidyapeeth college of engineering, Pune, from 10th to 14th August 2020.
3. Attended one day workshop on "Virtual Labs: Hands-on Outreach" hosted by modern education society's college of engineering in association with AISSMS college of engineering, (nodal center id -62) Pune, on 12th August 2020.
4. Attended two days Faculty Development Program on "Outcome based education" organized by Trinity Institute of Professional Studies, Dwarka, on 8th and 9th September 2020.
5. Attended workshop on "How to develop effective MCQs" conducted by RUSA (Rashtriya Uchchchar Shiksha Abhiyan) in joint collaboration with Savitribai Phule Pune University, Pune on 16th September 2020.
6. Attended workshop on "Tips for conducting Online Examinations" conducted by RUSA (Rashtriya Uchchchar Shiksha Abhiyan) in joint collaboration with Savitribai Phule Pune University, Pune on 16th September 2020.
7. Attended AICTE Sponsored online One Week Short Term Training Programme on "Blockchain and its Applications" organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri from 7th Dec 2020 to 12th Dec 2020.
8. Attended AICTE-ISTE sponsored one week refresher course on "Research Methodology and Data Analysis" organised by Department of Computer Engineering, JSPM's Rajarshi Shahu College of Engineering, Pune from 14th Dec 2020 to 19th Dec 2020.
9. Attended AICTE Sponsored online One Week Faculty Development Programme on "Emerging trends in deep learning and its applications" organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri from 20th—31st Dec 2020.

Mrs. S. P. Khedkar -

1. Attended Two Week Online Faculty Development Program under AQIS 2019-2020 on "Emerging Trends in Deep Learning and Its Applications" Sponsored by All India Council For Technical Education (AICTE), New Delhi and organized by Department of Computer Engineering & Dr. D. Y. Patil Institute of Technology, Pimpri from 23rd Nov 2020 to 5th Dec 2020.
2. Attended one Week Online Faculty Development Program on "Data science for Engg. problem solving", at skn 5 to 10 Oct 2020.
3. Attended 4 days online FDP on "ML and application are as "KIT's college of engineering, Kolhapur from 7 to 10 June 2020.
4. Attended 5 Days workshop on "Multiprogramming with OpenMP and CUDA" organized by Department of Information Technology, Pune Institute of Computer Technology, Pune, from 23rd to 27th June 2020.

Mr. B. K. Bodkhe -

1. Attended One week International FDP on 'AI and Data Science' organized by JSPM's Rajarshi Shahu College of Engineering Pune Dates – 22nd – 26th July 2020.

Staff Workshop / FDP/ Webinar / STTP

Mrs. S. P. Deore -

1. Attended One day FDP on “Fundamentals of Data Structures” organized by Department of Computer Engineering, Pune Institute of Computer Technology, Pune in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 3rd July 2020.
2. Attended One day FDP on “Data Structures Laboratory” organized by the Dept. of Computer Engineering, Bharati Vidyapeeth's College Of Engineering, Lavale, Pune. In Association with SPPU, Pune on 8th July 2020.
3. Attended One week International STTP on on “Blockchain and its Applications” organized by Department of Computer Engineering, Dr. D. Y. Patil Institute of Technology, Pimpri from 14th to 19th Dec 2020.
4. Attended One week short term training program on, “Implementation of Advanced Optimization Techniques using MATLAB” organized by Electrical Engineering Department under RIT-Center for Teaching and Learning (RIT-CTL) during 01st to 06th June, 2020.
7. Attended Five Days Online FDP on "RESEARCH IN ENGINEERING - A Way Forward" at A. P. Shah Institute of Technology, Thane, from 6th to 10th July, 2020 .
8. Attended 3rd Online Symposium on Internet of Things (SIoT-2020) organized by Department of Computer Engineering and Information Technology and COEP's Information and Cyber Security Research Group (COEP's ICSRG) on 31 Oct 2020.

Dr. (Mrs.) A. P. Kale -

1. Attended One Week's International FDP on “AI and Data Science” organized by Department of MCA, JSPM's RSCoE, Pune, Maharashtra, India from 22nd-26th July, 2020.
2. Attended AICTE Sponsored One Week Online Short Term Training Program on “Advances in Biomedical Signal Processing with Hands-on”, organized by Cummins CoEW, Pune during 5th -10th Oct 2020.
3. Attended One Week FDP on "ICT ACADEMY ONLINE TRAINING -DIGITAL TEACHING TECHNIQUES" from 12th - 16th Oct 2020.
4. Attended 30 days webinar on "Challenge on AI Webinar series" from 5th Oct - 4th Nov 2020 organized by PanTech Solutions
5. Attended One day FDP on “Fundamentals of Data Structures” organized by Pune Institute of Computer Technology, Pune in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 3rd July 2020.
6. Attended One day Faculty development program on "Data Structure Laboratory" organized by Bharati Vidyapeeth's College Of Engineering, Lavale, Pune. In Association with SPPU, Pune on 8th July 2020.
7. Attended event on “Virtual Labs: Hands-On Workshop for Faculty of all Engineering Disciplines”, organized by PVG's COET VLabs Regional Nodal Centre & AISSMS COE VLabs Nodal Centre, in Coordination with Savitribai Phule Pune University (SPPU) (BoS-E & TC) and Virtual Labs -IIT Bombay, Aug 2020.
8. Attended workshop on “Tips for conducting Online Examinations” conducted by RUSA (Rashtriya Uchchatar Shiksha Abhiyan) in joint collaboration with Savitribai Phule Pune University, Pune on 16th Sept 2020.
9. Attended Elsevier Two Day National Open Workshop on Getting Aligned to the Publishing Process - Scopus + Science Direct on 26th and 29th Sept 2020.
10. Attended One Week online FDP on "NAAC Accreditation Process in HEI's" Rashtriya Uchchatar Shiksha Abhiyan (RUSA) in association with JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune during 27th July - 1st Aug 2020.
11. Attended Two-week online Faculty development program under AQIS 2019-20 on "Emerging Trends in Deep Learning and Applications " organized by Department of Computer Engineering & Dr. D. Y. Patil Institute of Technology, Pimpri from 20th-31st Dec 2020.

Mrs. S. S. Raskar -

1. Attended one day workshop on “Entrepreneurship and Innovation as career opportunity” organized by MESCOE-IIC, an initiative of MHRD's Innovation Cell on 27th November, 2020

Mr. G. S. Pole -

1. Attended One Week's International FDP on “AI and Data Science” organized by Department of MCA, JSPM's RSCoE, Pune, Maharashtra, India.during 22nd to 26th July, 2020.
2. Attended One Week online FDP on “NAAC Accreditation Process in HEI's” Rashtriya Uchchatar Shiksha Abhiyan (RUSA) in association with JSPM's Rajarshi Shahu College of Engineering, Tathawade, Pune during 27th July - 1st Aug 2020.
3. Attended Two-week online Faculty development program (FDP) under AQIS 2019-20 , on “Emerging Trends in Deep Learning and its Applications” organized by Department of Computer Engineering & Dr. D. Y. Patil Institute of Technology, Pimpri from 20th Dec 2020 to 31st Dec 2020.

Mr. S. B. Shinde -

1. Attended 5 Days FDP (Online) on "Advancements in IOT" organized by the Department of Computer Engineering, in association with CSI Student's Chapter MMCOE Pune on 8th - 12th June 2020.
2. Attended Online FDP on "Recent Trend in IT" organized by Bharati Vidyapeeth.
3. Attended the online workshop on Universal Human Value on the theme "Inculcating Universal Human Values in Technical Education" as organized by AICTE during 19th-23rd October, 2020.

Ms. D. D. Ahir -

1. Attended 5 days online FDP on "Flutter UI design" conducted by ICT Academy on 21st - 26th Dec 2020.

Ms. S. E. Ingle -

1. Attended one day FDP on "Computer Graphics" organized by Sharadchandra Pawar College, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 4rd July 2020.
2. Attended one day faculty development program on "Object Oriented and Computer Graphics Lab" organized by Department of Computer Engineering, BVCOEW, Pune in association with Board of studies, SPPU, Pune on 11th July 2020.
3. Attended one week faculty development program on "Augmented Reality (AR)/ Virtual Reality(VR)" organized by "Ramrao Adik Institute Technology, Noida" sponsored by ATAL on 30th Nov. 2020 to 4th Dec. 2020
4. Attended one week faculty development program on "Blockchain & its use cases" organized by Vishwakarma Institute of Information Technology, Pune sponsored by ATAL

Ms. S. R. Khade -

1. Attended one day faculty development program on " Data Structure Laboratory" organized by the Department of Computer Engineering, Bharati Vidyapeeth's College Of Engineering, Lavale, Pune. in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 8th July 2020.
2. Attended One week Online FDP on "Industry 4.0" organized by Department of Computer Engineering, Sinhgad Academy of Engineering, Kondhwa (Bk), Pune-48 from 28th Dec. to 1st Jan. 2020.
3. Completed Online Quiz entitled "C Programming" on 6/9/2020 organized by Department of Basic Science, Annasaheb Dange College of Engineering and Technology, Ashta .
4. Successfully participated in the online quiz on "Object Oriented Programming (C++)" organized by Department of Computer Engineering, MET's Institute of Engineering, Adgaon, Nashik,03 on date 6/9/2020.

Ms. B. F. More -

1. Attended one day FDP on "Digital Electronics & Logic Design" organized by the Department of Computer Engineering, Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions College of Engineering, Kashti, in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 8th July 2020.
2. Attended One Day FDP on "Digital Electronics Laboratory" organized by the Department of Computer Engineering, Pimpri Chinchwad College of Engineering & Research, Ravet, in association with Board of studies, SPPU, Pune on 06th July 2020.
3. Successfully completed one week online Certificate Course on Digital Teaching Techniques organized by ICT Academy from 29th June 2020 to 04th Jul 2020.
4. Attended International FDP on "Future Advancements and Applications of Internet of Things" organized by Electronics & Telecommunication Department of Sandip Institute of Engineering & Management Nasik from 12th- 14th 2020.
5. Attended one day online syllabus revision FDP on Digital Electronics & Logic Design", organized by Hon. Shri. Babanrao Pachpute Vichardhara Trust's Parikrama Group of Institutions, College of Engineering, Kashti, in association with AISSMS College of Engineering Pune under Paramarsh Scheme on 18-08-2020.

Mr. M. S. Shinde -

1. Attended one day FDP on "Computer Graphics" organized by Department of Computer Engineering, Sharadchandra Pawar College, Pune in association with Board of studies (Computer Engineering), SPPU, Pune on 4rd July 2020.
2. Attended one day faculty development program on "Object Oriented and Computer Graphics Lab" organized by Department of Computer Engineering, BVCOEW, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 11th July 2020.

Mrs. J. S. Mane -

1. Attended one day workshop on "Entrepreneurship and Innovation as career opportunity" organized by MESCOE-IIC, an initiative of MHRD's Innovation Cell on 27th November, 2020.
2. Successfully completed one week online Certificate Course on DIGITAL TEACHING TECHNIQUES organized by ICT Academy from 29th June 2020 to 04th July 2020.

Staff Achievements

Dr. (Mrs.) N. F. Shaikh -

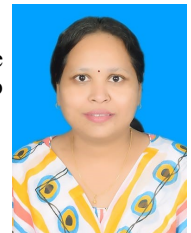
1. Resource Person at Faculty Development Program Sponsored by ATAL ACADEMY at Rao Bahadur Y. Mahabaleswarappa Engineering College, (RYMEC, Ballari), Karnataka, affiliated to VTU Belgaum) on 22nd September 2020.
2. Resource Person at one day faculty development program on “Computer Graphics” organized by Department of Computer Engineering, Sharadchandra Pawar College, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 4th July 2020.
3. Resource Person at one day faculty development program on “Object Oriented and Computer Graphics Lab” organized by Department of Computer Engineering, BVCOEW, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 11th July 2020.
4. Registered Innovation Ambassador of MHRD's Innovation Council (MIC's) IIC.
5. Appointed as team leader by BoS Computer Engineering SPPU, for setting SE 2019 syllabus for the subjects Computer Graphics and OOPCG Laboratory.
6. Appointed as team leader by BoS Computer Engineering SPPU, for setting Honors syllabus of AR & V for the subjects Virtual Reality, Augmented Reality, Virtual Reality in Game Development, Application Development using Augmented Reality and Virtual Reality.
7. Reviewed 6 papers for IJACSA Scopus indexed journal.

Dr. (Mrs.) S. K. Wagh -

1. Resource Person at one day faculty development program on “Object Oriented Programming” organized by Department of Computer Engineering, SIT, Narhe, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 9th July 2020.
2. Appointed as team member by BoS Computer Engineering SPPU, for setting SE 2019 syllabus for the subjects Object Oriented Programming and Object Oriented Programming Laboratory.
3. Appointed as team member by BoS Computer Engineering SPPU, for setting Honors syllabus of IOT.
4. Reviewed 5 papers for Inderscience Journal. Indexed in Scopus/Web of Science/ESCI.
5. Appointed as team leader by BoS Computer Engineering SPPU, for setting ME Cyber Security syllabus of Privacy and Security in Digital World.
6. Appointed as team member by BoS Computer Engineering SPPU, for setting ME Cyber Security subject Mathematical Foundations of Information Security and Malware Analysis & Reverse Engineering.

Dr. (Miss) R. M. Wahul -

1. Dr. R. M. Wahul was awarded a Ph.D. in Computer Engineering on the topic of "Cloud Architecture for Comprehensive Web Based Smart City Transport Project Management System" from Dr. Babasaheb Ambedkar Marathwada University, Aurangabad, Maharashtra on 22nd October 2020.
2. Certified IIC Innovation Ambassador (IA)



Dr. (Mrs.) A. P. Kale -

1. Resource Person at One day faculty development program on “Fundamentals of Data Structures” organized by Department of Computer Engineering, Pune Institute of Computer Technology, Pune in association with Board of studies (Computer Engineering), Savitribai Phule Pune University, Pune on 3rd July 2020.
2. Reviewed 9 papers for the IEEE Transactions on Industrial Informatics, IEEE Journal of Biomedical and Health Informatics, Springer journal of Technology, Knowledge and learning, Springer Journal Neural Processing Letter, Concurrency and Computation: Practice and Experience, seventh International Conference on Information Management (ICIM) 2021, Advances in Science, Technology and Engineering Systems Journal.
3. Appointed as a Technical Committee Member in IEEE 5th International Conference on Information Management (IEEE-ICIM 2019), Cambridge, United Kingdom.
4. Certified IIC Innovation Ambassador (IA)

Mrs. S. P. Deore -

1. Reviewed 3 papers from ELCVIA Electronic Letters on Computer Vision and Image Analysis.

Student Achievements and Publications

1. Ghorpade P., Lende A., Chavan L., Shaikh N., Chavan A. published paper titled, "An experimental approach to compare various deep learning architectures for sentiment analysis", in IEEE 5th International Conference on Computing Communication and Automation, ICCCA, pp. 548–553, 30-31 Oct. 2020.
2. Anindita Ghosh, Dr. (Mrs.) N. F. Shaikh published a paper titled, "Web Application Using Aspect-Based Sentiment Classification for Improved Tourism Experience", in International Journal of Research and Analytical Reviews (IJRAR), Vol.7, Issue 3, July 2020.
3. Manas Jashnani, Jai Bhavsar, Faiz Shaikh and Sharmila Wagh published a paper entitled, "Indian Sign Language Translation System Using Deep Convolutional Neural Network", International Journal of Innovative Research in Technology, Volume 7 Issue 5 | ISSN: 2349-6002, Oct 2020 .
4. Gaurav Upadhey published paper entitled "Cryptography and Steganography Techniques in Video", International Journal of Recent Technology and Engineering (TM) Vol.—9, Issue-2, July 2020.
5. Manasi Begale, Dr. S. K. Wagh published a paper entitled, "Crime Data Analysis and Prediction using Machine Learning", in International Journal of Research and Analytical Reviews (IJRAR), UGC Approved (Journal No : 43602) & 5.75 Impact Factor Vol. 7, Issue 3, Sept. 2020.
6. Ravindra Karande, Aditi Banait, Supriya Chougule, Neha Lokre published a paper entitled, "Hybrid Handwritten Devanagari Word Recognition System", International Journal of Grid and Distributed Computing, Vol. 13, No. 1, pp. 1873 – 1878. ISSN : 2005-4262 (Online), 2020.
7. Yogen Ghodke, Mangesh Kauthale, Ajinkya Shewale published a paper entitled, "Review on Statistical Analysis of a Chess Player using Data Science Pipeline", IJSREM Volume: 04 Issue: 12 | December-2020.
8. Nidhi Soni, Prabhleen Saluja, Shruti Nirbhavane published a paper entitled, "A Review of Moodshift: An App for Depression", IJSER, Volume 11, Issue 12, pp. 693-694, Dec—2020.

Staff Publications

1. Dr. N. F. Shaikh published a research paper titled, "An experimental approach to compare various deep learning architectures for sentiment analysis", in IEEE 5th International Conference on Computing Communication and Automation (ICCCA), pp. 548–553, Oct 2020.
2. Dr. N. F. Shaikh, published a research paper titled, "Web Application Using Aspect-Based Sentiment Classification for Improved Tourism Experience", in International Journal of Research and Analytical Reviews (IJRAR), Vol. 7, Issue 3, July 2020.
3. Dr. (Miss.) R. M. Wahul published a research paper titled, "Cloud architecture for web based smart city transport system" in International Journal of Advanced Trends in Computer Science and Engineering, ISSN 2278-3091, Vol. 9, No. 4, pp. 5516–5521, July-Aug 2020. [Scopus Indexed]
4. Dr. (Miss.) R. M. Wahul published a research paper titled, "Crop Yield Prediction In Smart Farm Agriculture System for Farmers Using IoT", in International Journal of Advanced Science and Technology (IJAST), Vol. 29, No. 7, pp. 5165-5175, June 2020. [Scopus Indexed]
5. Dr. (Miss.) R. M. Wahul published a research paper titled, "Stock Price Prediction Using NLP and Deep Learning", in International Journal of Scientific Research in Engineering and Management (IJSREM), ISSN: 2582-3930 , Vol. 04 Issue: 10. Oct 2020. [UGC Approved]
6. Dr. (Miss.) R. M. Wahul published a research paper titled, "IoT Based Smart Farm Agriculture System for Farmers", in International Journal of Engineering Research in Computer Science and Engineering, ISSN (Online) 2394-2320, Vol. 7, Issue 10, Oct 2020.
7. Mrs. S. R. Khonde published a research paper titled, "Single Attack to Multi-attack Intrusion Detection System - A Survey", in International Journal of Future Generation Communication and Networking, Vol. 13, No. 3, pp. 2107–2116, July 2020.
8. Mrs. S. R. Khonde published a research paper titled, "Hybrid Framework for Intrusion Detection System using Ensemble Approach", in International Journal of Advanced Trends in Computer and Engineering, Vol. 9, issue 4, pp. 4881 – 4890, ISSN 2278-3091, July and August 2020.
9. Mrs. S. R. Khonde published a research paper titled, "Distributed Hybrid Framework for Intrusion Detection", in International Journal of Grid and Distributed Computing, Vol. 13, No. 2, pp. 374 – 385., August 2020.
10. Mrs. S. R. Khonde published a research paper titled, "An Ensemble Approach For Intrusion Detection In Collaborative Attack Environment", in 4th International Conference on Smart Computing and Informatics (SCI-2020) at Vasavi College of Engineering (Autonomous), Hyderabad, India Oct 2020 .

Staff Publications

11. Mrs. S. R. Khonde published a research paper titled, "Ensemble and Feature Selection-based Intrusion Detection System for Multi-attack Environment", in 5th IEEE International Conference on Computing, Communication and Security (ICCCS-2020), at Indian Institute of Technology Patna, Patna, India, on 14th – 16th Oct. 2020.
12. Mrs. S. R. Khonde published a research paper titled, "Hybrid Architecture for Distributed Intrusion Detection System using Semi-supervised Classifiers in Ensemble Approach", in Advances in Modelling and Analysis, Vol. 63, No. 1-4, pp.10-19, ISSN: 1240-4543 DOI: https://doi.org/10.18280/ama_b.631-403, Dec 2020.
13. Mrs. S. P. Deore published a research paper titled, "Hybrid Handwritten Devanagari Word Recognition System", in International Journal of Grid and Distributed Computing. Vol. 13, No. 1, pp. 1873 – 1878. ISSN : 2005-4262, 2020.
14. Mrs. S. P. Deore published a research paper titled, "Devanagari Handwritten Character Recognition using fine-tuned Deep Convolutional Neural Network on trivial dataset", Sādhanā, Springer, 45(1), 243, pp. 1-13. <https://doi.org/10.1007/s12046-020-01484-1>. ISSN: 0256-2499 (Print) and 0973-7677 (Online) .
15. Dr. (Mrs.) A. P. Kale published a research paper titled "Health Monitoring System based on Diet Evaluation ", in International Journal of Innovative Research in Technology, ISSN No. 2349-6002, UGC Approved, Volume 7, Issue 1, pp. 664-672, June 2020.
16. Dr. (Mrs.) A. P. Kale published a research paper titled "Managing EVM Data through Blockchain", in International Journal of Scientific Research in Engineering and Management, ISSN No. 2582-3930, Impact Factor 4.106, UGC Approved, Volume 4, Issue 6, June 2020.
17. Dr. (Mrs.) A. P. Kale published a research paper titled "Prominent Feature Selection for Sequential Input by Using High Dimensional Biomedical Data set", in Advances in Intelligent Systems and Computing, pp 370-377, 29 July 2020. [Scopus Indexed]
18. Mrs. S. S. Raskar published a research paper titled "Review on Statistical Analysis of a Chess Player using Data Science Pipeline, in International Journal in Scientific Reserach Engineering and Management, IJSREM , Volume: 04 Issue: 12, Dec 2020.
19. Mrs. S. S. Raskar published a research paper titled "A Review of Moodshift: An App for Depression", in International Journal of Scientific and Engineering Research, Vol. 11, Issue 12, pp. 693-694, Dec. 2020.
20. Ms. B. F. More published a manuscript titled as "IoT Based Air Pollution and Prediction System", in International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 4, Issue 6, ISSN: 2582-3930, pp. 1-6, June 2020.
21. Ms. B. F. More published a manuscript titled as "Corrosion Detection and Prediction using IoT and Machine Learning" in International Journal of Scientific Research in Engineering and Management (IJSREM), Vol. 04, Issue 10, pp. 1-4, Oct 2020.

**MODERN EDUCATION
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**College website:
www.mescoepune.org**



The Reflection Team: **Dr. Nughat F. Shaikh**
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Mr. Gaurav Kulkarni (SE-Comp-SS)
Mr. Rushikesh Dharam (SE-Comp-SS)
Miss. Krupa Mehta (TE-Comp-A)
Miss. Sarvani Kandukuri (SE-Comp-A)
Miss. Arya Madikunt (SE-Comp-A)