Modern Education Society's College of Engineering

JULY-DEC 2023

ISSUE 26



A Newsletter of Department of Computer Engineering

Message From Head of The Department

It is a matter of great pride and satisfaction for us at the Department of Computer Engineering to bring out the issue of our News Letter 'REFLECTION'.

The department has made tremendous progress in all areas academic, non-academics, capacity building relevant to staff and students. The department has achieved another mile stone by getting accredited by NBA (National Board of Accreditation) for the next 3 years.

I would like to express my sincere appreciation to Dr. A. P. Kale and her student team for their effort and dedication in publishing the newsletter.

Dr. (Mrs.) Nuzhat F. Shaikh

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Message From the Editor

We are presenting you with the twenty sixth 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.

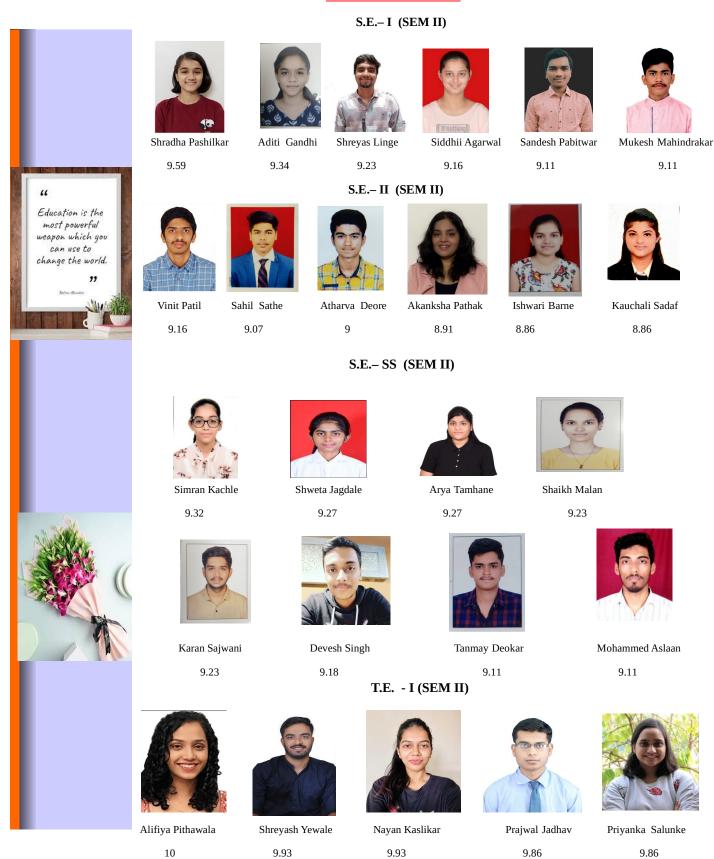
Dr. (Mrs.) Archana P. Kale

Education is not preparation for life; education is life itself.

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CLASS TOPPERS



CLASS TOPPERS

T.E.—II (SEM II)



9.93



Tilak Patil 9.93



Disha Lahoti 9.86



Gaurav Lokhande

9.81



Hritvikk Gupta

9.79

T.E.—SS (SEM II)



Sakshi Memane 9.86



Vaishnavi Sharma 9.86



Mihir Pankhawala 9.81



Dipti Shiwankar 9.79



Rutuja Gaikwad



Dheeraj Kulkan



9.76 Rushikesh Dharam



Parth Pidadi







9.69

Samruddhi Bhor Prathamesh Khairnar



Titiksha Wagh



Sohail Ahmad 9.66



Sarah Kazi

9.59



Tejashree Jagtap

9.57

B.E.- II (SEM II)

9.67



9.69

Nikhil Giramkar 9.85



Varun Irani 9.71



Yashshree Shinde

9.69



Zulfa Attar 9.67



Harshika Mishra

9.63

B.E.- SS (SEM II)



Harshita Tandale

9.68



9.65



Pritam Gundecha



Pratik Temkar 9.63



9.57

Abhishek Ghodke



Sakshi Chaudhar

9.48



Departmental Events

- 1. An online guest lecture was arranged for the students of BE on the topic "Design Analysis Algorithm", by Department of Computer Engineering, MESCOE, Pune on 29th July 2022.
- 2. A guest lecture was arranged for the students of BE on the topic of "BE Project Sponsorship and Guidance" on 2nd Sept 2022. The speaker for this session was Mr. Shriniwas Kulkarni discussed about the various aspects of placement drive.
- 3. A guest lecture was arranged for the TE students on the topic "Best Practices and Coding Standards on 13th Sept 2022. The speaker for this session was Mr. Ashay Sant working (Software Engineer at Siemens Digital Industries Software) who discussed about different coding standards that are used in industry.
- 4. An online guest lecturer was arranged for the students of BE on the topic "Algorithmic Analysis" on 14th Sep 2022. The speaker for this session was Mr. Abhishek Sharma (Faculty, ACE Engineering Academy) who explained about the various techniques related to analysis of algorithm.
- 5. A guest lecturer was arranged for the students of TE students on the topic of "Distributed Systems: from Industry Point of View" on 4th Nov 2022. The speaker for this session was Mr. Ashay Sant (Software Engineer at Siemens Digital Industries SoftwAre) who discussed about the importance of Distributed Systems in day today life.

Day's Celebration

Independence Day: On the occasion of 75th Independence day, flag hoisting was held on 15 th August 2022 at 7:50 AM. Outcome of this celebration is students will develop a sense of responsibility and account-ability for their actions and performance. Mainly Students will be able to use technology to inter-act and provide service to the society. 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 contribute to humanitarian causes.

Engineers Day : On 15th September 2022, Engineer's day was celebrated by Department of Computer Engineering, MESCoE. A tributewas payed to greated engineers by organizing various Technical Games, Elocution Competitio, Fun games for staff & students.

Ayudha Puja: Ayudh Pooja and Saraswati Pooja was organized on 4th Oct 2022. All teaching and non-teaching staff presents on this occasion worshiped goddess Saraswati and other instruments of the department and took their blessings.

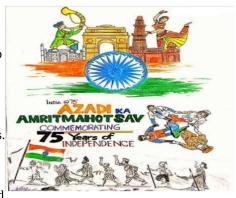














Spoken Tutorial Report

Year	Course Name	Course Start Date	Course End Date	Test Conducted On	Total Participants	Outcomes
	C and CPP	20 September 2022	15 November 2022	05 December 2022	200	1. Beneficial for the
SE	Linux	20 September 2022	30 November 2022	12 December 2022	200	Placement.
	Linux	01 August 2022	15 November 2022	01 December 2022	233	2. It helps students to become technically
	LaTex	01 August 2022	30 November 2022	05 December 2022	233	sound.
TE	RDBMS Post- greSQL	01 August 2022	30 November 2022	08 December 2022	233	3. Academic lab contents can be improved.
	R	01 August 2022	15 November 2022	02 December 2022	244	improved.
BE	Git	01 August 2022	30 November 2022	05 December 2022	244	

BE Placements

CLSA:	Ankur Kumar, Gautam, Anoopkumar Balmukund Shukla, Kinjal Pravin Toshniwal, Param Prasanna Tatiya, Sairaj Nitin Gondkar, Shruti Ramesh Shelar		
Data Axle:	Afnan Nisar Attar, Hritvikk Ritesh Gupta,		
Elastik Teaams:	Manav Sanjay Mandal, Nayan Dinesh Kaslikar,		
GIC:	Tanvi Narendra Budhabaware,Sakshi Santosh Shitole,Sejal Sagar Jadhav		
Hexaware:	Sarvesh Sushil Choudhary		
NTT Data:	Atharva Sudhir Dhamale,Gaurav Damodhar Kulkarni,Indrayani Samadhan Ronge,Mayur Madhukar Bhoyar,Onkar Yogesh Sathe,Pranav Atul Mandani,Pranjal Namdev Khose,Pritish Mangesh Kokare,Ranu Manoj Mishra,Vedant Yuvraj Pahune		
Persistent:	Ankur Kumar Gautam, Anoopkumar Balmukund Shukla, Atharva Suhas Zagade, Dheeraj Dhananjay Kulkarni, Mandar Wasudeo Phirke, Prajwal Dadaram Jadhav, Sairaj Nitin Gondkar, Taibah Sohail Bagwan		
Rudder Analytics:	Atharva Ganesh BhavkarPooja Pramod Deshpande		
TCS:	Abhishek Bhagwan Gondepatil,Amol Subhash Kengar,Atharv Nitin Karanjkar,Atharva Ganesh Bhavkar,Ayush Santosh Ostwal,Dipam Jitendra Patle,Hritvikk Ritesh Gupta,Mandar Wasudeo Phirke,Prajwal Dadaram Jadhav,Pratik Shailendra Bagad,Sammed Sachin Kusanale,Samruddha Nitin Joshi,Sanket Anil Kadam,Shreyash Atmaram Yewale,Shruti Ramesh Shelar,Tanmay Shrikant Kayande,Uday Shrawan Girhepunje,Vishal Haridas Jori		
Veritas:	Abhishek Bhagwan Gondepatil,Prathamesh Anil Kenjale,Shreyash Atmaram Yewale,Vivek Mahesh Shah		

IIC - MESCOE Start-up Cell Activity

Sr No	Activity	Date of Conduction	Speaker
1	World Entrepreneurs Day Celebration	19 th - 23 th August 2022	
2	Session on Angel Investment / VC Funding Opporunity for Early Stage Entrepreneurs	26 th August 2022	Mr. Viransh Mokati
3	My Story - Motivational Session by Successful Entrepreneur	24 th November 2022	Mr. Bhushan Gaikwad

Innovation Cell Activity

Sr No	Activity	Date of Conduction	Speaker
1	Exposure and field visit for problem Identification	13 th November 2022	
2	Poster Presentation of Ideas/PoC linkage with Innovation -Manage through YUKTI- NIR		
3	Innovation Day	15 th October 2022	

IPR Cell Activity

Sr No	Activity	Date of Conduction	Speaker
1	Awareness on Intellectual Property Rights	24 th November 2022	IETE Students Forum

Staff Workshop / FDP/ STTP

1. All faculty members have attended Faculty Orientation Programme on "Design and Analysis of Algorithms" (BE 2019 Course) organized by the Department of Computer Engineering, Modern Education Society's College of Engineering, Pune in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 29th July 2022.

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

- 1. IP Training Program under National IP Awareness Mission on 28th June 2022, organised by IP Office and MoE's Innovation Cell.
- 2. IP Training Program under National IP Awareness Mission on 21st September 2022 organised by IP Office., India

Dr. (Mrs.) S. K. Wagh

- 1. Attended a session on "Intellectual Property Rights & Ethics", organized by MESCOE-IIC IPR, an initiative of MHRD's Innovation Cell held on 30th August,2022.
- 2. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Blended/Hybrid FDP on "Blockchain Technologies and Applications" from 15th October 2022 to 15th October 2022 at Army Institute of Technology.
- 3. Participated & completed successfully One Week Faculty Development Program on "Industry 4.0 Technologies and Research Trends" organized by PCET's Pimpri Chinchwad College of Engineering and Research, Ravet, Pune- 412101 during 26th December 2022 to 31st December 2022.

Dr. (Miss) R. M. Wahul

- Participated in "Faculty Orientation Program on Laboratory Practice-IV" Organized by Computer Engineering Department, MMIT Lohgaon, Pune in association with Board of Studies Computer Engg. Savitribai Phule Pune University(SPPU), PUNE on 3rd August 2022.
- 2. Participated in 30 hours online course on "Machine Learning for Data Science using Python" organized by Department of CSE, NIT Warangal in association with Center for Continuing Education during December 1st December 2022 to 15th December 2022.

Dr. (Mrs.) S. R. Khonde -

- 1. One Day Syllabus Revision Online Faculty Orientation Programme on "Laboratory Practice-III (BE 2019 Course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 02nd August 2022.
- 2. Attended Syllabus Revision Online Faculty Orientation Programme on "Blockchain Technology (BE 2019 course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 1st August 2022.
- 3. Attended 6 days Online FDP on "Recent Treends in Computations" from 18th July 2022 to 23rd July 2022 organized by Department of Computer Engineering VIT, Pune.

Dr. (Mrs.) S. P. Khedkar-

1. One Day Syllabus Revision Online Faculty Orientation Programme on "Laboratory Practice-III (BE 2019 Course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 02nd August 2022. Savitribai Phule Pune University, Pune on 02nd August 2022.

Dr. (Mrs.) S. P. Deore

- 1. One week FDP on "Data Science: Tools and Research" organised by VIIT Pune form 1st November 2022 to 5th November 2022.
- 2. Online 6 days FDP on "Recent Trends in Computations" from 18th July 2022 to 23rd July 2022 organized by Department of Computer Engineering, VIT, Pune.

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

- 1. Participated in "Faculty Orientation Program on Laboratory Practice-IV" Organized by Computer Engineering Department, MMIT Lohgaon, in association with Board of Studies Computer Engg. Savitribai Phule Pune University(SPPU), PUNE on 3rd August 2022.
- 2. Participated in two week short-term course (30 hours) online course on "MachineLearning for Data Science using Python" organised by Department of CSE, NITWarangal in association with Center for Continuing Education during November 14th November 2022 to 29th November 2022.
- 3. Attended two days National level online Seminar on "Use of ICT Tool for Quality Enhancement of higher education Institutes: Post COVID Situation" organised by Sanjeevan Engineering and Technology Institute, Panhala on 9th 10th Dec 2022.

Mrs. S. S. Raskar-

- 1. Attended 6 days Online FDP on "Recent Trends in Computations" from 18th July 2022 to 23rd July 2022 organized by Department of Computer Engineering, VIT, Pune, Maharashtra.
- 2. Participation in 5 days FDP 'Data science: Tools and research' organised by VIIT Data science and AI in association with society for Data science, India 1st November 2022 to 5th November 2022.

Ms. D. D. Ahir-

- 1. Attended Faculty Development Program on TE-COMP Revised syllabus (2019 course) SEM -II for the subject "Cloud Computing".
- 2. Attended FDP on "PRACTICAL PERSPECTIVE ON DECISION MAKING EDUCATION" from 3rd January 2022 to 07th January 2022 at Bharati Vidyabhavan Sardar Patel institute of Technology.

Ms. S. A. Sapkal-

- 1. Attended One Day Online Faculty Orientation Program on "Software Testing and Quality Assurance" (BE 2019 Course) organized by the Department of Computer Engineering, RMD Sinhgad School of Engineering, Warje, Pune in association with Board of Studies Computer Engineering), Savitribai Phule Pune University, Pune on 22nd July 2022.
- 2. Attended One Day Syllabus Revision Online FOP on "Design and Analysis of Algorithms organized by the Department of Computer Engineering, Modern Education Society's College of Engineering, Pune in association with Board of Studies (Computer Engg), Savitribai Phule Pune University, Pune on 29th July 2022.
- 3. Attended One week Faculty Development Program On "Data Science: Tools and Research" Organized By Department of Artificial Intelligence & Data Science In Association with Society for Data Science by the Vishwakarma Institute of Information Technology 1st November 2022to 5th November 2022.
- 4. Attended One week Faculty Development Program On "Amazon Web Services" During the period of 22nd August 2022 to 27th August 2022 organized by Dr. D. Y. Patil Institute of Engineering, Management & Research, Akurdi-Pune in collaboration with BRAIN-OVISION SOLUTIONS INDIA PVT.LTD & ALL INDIA COUNCIL FOR TECHNICAL EDUCATION AICTE.
- 6. Attended One Day Syllabus Revision Online Faculty Orientation Programme on "Block chain Technology (BE 2019 Course)" organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 01st August 2022.

Staff Workshop / FDP/ STTP

Ms. R. H. Shende-

- 1. One Day Online Faculty Orientation Program on "Software Testing and Quality Assurance" (BE 2019 Course) organized by the Department of Computer Engineering, RMD Sinhgad School of Engineering, Warje, Pune in association with Board of Studies Computer Engineering), Savitribai Phule Pune University, Pune on 22nd July 2022.
- 2. One Day Syllabus Revision Online FOP on "Design and Analysis of Algorithms organized by the Department of Computer Engineering, Modern Education Society's College of Engineering, Pune in association with Board of Studies (Computer Engg), Savitribai Phule Pune University, Pune on 29th July 2022.
- 3. One Week Faculty Development Program On "Data Science: Tools and Research" Organized By Department of Artificial Intelligence & Data Science In Association with Society for Data Science by the Vishwakarma Institute of Information Technology 1st November 2022to 5th November 2022.
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- 6. One Day Syllabus Revision Online Faculty Orientation Programme on "Block chain Technology (BE 2019 Course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies(Computer Engineering), Savitribai Phule Pune University, Pune on 01st August 2022.

Mrs. S. S. Mane-

- 1. Attended Faculty Orientation Programme on "Design and Analysis of Algorithms" (BE 2019 Course) organized by the Department of Computer Engineering, Modern Education Society's College of Engineering, Pune in association with Board of Studies (Computer Engineering), Savitribai Phule Pune University, Pune on 29th July 2022.
- 2. Attended Syllabus Revision Online Faculty Orientation Programme on "Blockchain Technology (BE 2019 course)" Organized by the Department of Computer Engineering, MVPS's KBTCOE, Nashik in association with Board of Studies (Computer Engineering).

Mrs. D. S. Rengade-

1. Attended FDP on Data Science: Tools & Research organized by AI&DS Dept. VIIT ,Pune in association with S4DS Society for Data Science India from 1st November 2022 to 5th November 2022.



Staff Achievements

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

- 1. Member of Board of Studies, Department of Computer Engineering Cummins College of Engineering, Pune
- 2. Member of Department Advisory Board, Department of Computer Engineering Arvind Gawali College of Engineerin (affiliated to BATU), Satara
- 3. Successfully organized the awareness programme on IP Awareness under NIPAM on 21st September 2022 in association with RGNIIPM,Nagpur.

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

- 1. Received "Best Research Award (Advanced Research) for the year 2022 on 18th July 2022 under Virtual International Awards on Multi-Disciplinary Research and Innovaton
- 2. Felicitated by NAAC Expert Committee members for the maximum patents and copyrights along with major research articles publications and research contribution on 30th September 2022.
- 3. Expertise as a RESOURCE PERSON during the conduction of one day online FDP on "GPU Programming and Architecture- Lab Practice-IV (BE Course 2019)" organized by Department of Computer Engineering, MMIT, Lohgaon, Pune, on 4th August 2022,in association with Board of Studies Computer Engineering, SPPU, Pune.

Dr. (Mrs.) S. P. Khedkar--

1. Worked as resourse person for Orientation Programme on "Design and Analysis of Algorithms" (BE 2019).

Dr. (Mrs.) S. R. Khonde-

- 1. Worked as Reviewer for International Coference of Trends in Engineering , applied Sciences and Management (IC-TEAM 2022) on 8th April 2022 and 9th April 2022 organised by St. John Collge of Engineering and Management, Palghar, Maharashtra, India.
- 2. Work as reviewer for SCI Journal Computer Systems Science and Enigneering.
- 3. Worked as Reviewer for International Jounal of Web Engineering Board of Studies, Department of Computer Engineering Cummins College of Engineering, Pune

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

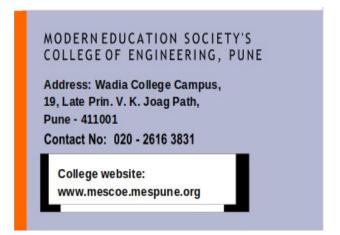
- 1. Invited as an Expert member for NAAC Mock dated 7th November 2022 at KJ's Trinity College of Engineering and Research, Pune 48.
- 2. Worked as reviewer for the IEEE Journal of Biomedical and Health Informatics, Elsevier journal of Engineering Applications of Artificial Intelligence, Springer Journal of Neural Processing Letters, Concurrency and Computation: Practice and Experience, Computation and Mathematical Methods in Medicine (Hindawi), IEEE Access-2022, Alexandria Engineering Journal, IEEE International Conference on Systems, Man and Cybernetics 2022.





- 1. Dr. (Mrs). N. F. Shaikh has published paper on "Weighted Graph Embedding Feature with Bi-Directional Long Short-Classifier for Multi-Document Text Term Memory Summarization" ,International Journal of Image and Graphics, 2022Board of Studies, Department Of Computer Engineering, Cummins College of Engineering, Pune.
- 2. Dr. (Mrs). R. A. Khan has published paper on "Imag capioning using Neural Networks", International Journal of ADvanced Research in Science, Communication and Technology (IJARSCT), Volume 2, Issue 1, August 2022, ISSN (Online) 2581-9429.
- 3. Dr. (Mrs.) S. K. Wagh has published paper on "Identification of cancer types from gene expressions using learning techniques", SCI Index Journal: Computer Methods in Biomechanics and Biomedical Engineering Link: https://www.tandfonline.com/doi/abs/10.1080/10255842. 2022.2160243?src= &journalCode=gcmb20 Year: 2022.
- 4. Dr. (Miss) R. M. Wahul, Dr. (Mrs.) A. P. Kale has published paper on "Health Monitoring of Turning Tool through Vib- ration Signals Processed using Convolutional Neural Netw- ork Architecture", International Journal of Perfor ma-bility Engineering, 2022, 18(10): 730-740. ISSN 0973-1318, doi: 10.23940/ijpe.22.10.p6.730-740.
- 5. Dr. (Mrs.) S. R. Khonde has published paper on "Hybrid Intr-usion Detection System using Blockchain Framework", Eu-rasip Journal on Wireless Communications and Networking, Springer Nature, pp.1-25, Vol.2022:58, SSN:1687-1499,2022.DOI: https://doi.org/10.1186/s13638-022-02089-4 . Web of Scienc-SCIE.
- 6. Dr. (Mrs.) S. R. Khonde has published paper on "Anomaly based Intrusion Detection System using Rule based Genetic algorithm", in International Conference on Intelligent Cyber Physical Systems and Internet of Things (ICoICI 2022) organized by the Department of EEE, JCT College of Engineering and Technology held on 11-12 August 2022 at Coimbatore, Tamil Nadu, India.
- 7. Dr. (Mrs.) S. P. Deore has published paper on "A DHCR Sm-rtNet: A smart Devanagari Handwritten Character Recogni-tion using Level-wised CNN Architecture: DHCR_ SmartNet" Computer Science 23.3 (2022): 303-303.
- 8. Dr. (Mrs.) S. P. Deore has published paper on "HDWR SmartNet: a smart handwritten Devanagari word recognition system using deep ResNet-based on scan profile method.", Data Science. Chapman and Hall/CRC, 2022. 57-77.
- 9. Dr. (Mrs.) A. P. Kale, Dr. (Miss) R. M. Wahul has published paper on "Improved genetic optimized feature selection for online sequential extreme learning machine", Ingénierie des Systèmes d'Information, Vol. 27, No. 5, pp. 843-848. ISSN: 1633-1311 (print); 2116-7125 (online). https://doi.org/10.18280/isi.270519.

- 10. Dr. (Mrs.) A. P. Kale, Dr. (Miss) R. M. Wahul has published paper on "A Framework for Extracted Data from Social Networking Sites in Addressing the Cross-Site Cold-Start Product Recommendation", International Journal of Intelligent Systems and Applications in Engineering, Vol 10(2s), pp. 286–290. ISSN:2147-6799 (Online). Published on 19th Dec 2022 [Scopus].
- 11. Dr. (Mrs.) A. P. Kale has published paper on "Pattern Classification for Random Forest by using Fuzzy", Journal of Algebraic Statistics, Volume 13, No. 3, 2022, p. 2280 -2288, ISSN:1309-3452 [WoS,ESCI Indexed].
- 12. Dr. (Mrs.) A. P. Kale has published a Book Chapter on "Multimodal Genetic Optimized Feature Selection for Online Sequential Extreme Learning Machine", Bentham Science -Book Chapter Artificial Intelligence and Natural Algorithms, Pp: 250-260 (11), Doi: 10.2174/9789815036091122010017.
- 13. Dr. (Mrs.) A. P. Kale has published a Book Chapter on "Artificial Intelligence Based Lung Disease Classification By Using Evolutionary Deep Learning Par- adigm", Bentham Science -Book Chapter Artificial Intelligence and Natural Algorithms, Pp: 175-183 (9) Doi: 10.2174/97898150360911-2201-0013,ISBN:978-981-5036-10-7 (Print), ISBN: 978-981-5036-09-1 (Online).



The Reflection Team

Dr. (Mrs.) N. F. Shaikh

Mr. Mukesh S. Mahindrakar

Dr. (Mrs.) A. P. Kale

Ms. Kajal Maruti Lawate

Ms. S. A. Sapkal