6th IEEE International Conference On
Emerging Smart Computing and Informatics
(ESCI-2024)

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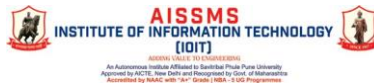**Treasurer, IEEE Pune Section**

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6th IEEE International Conference On Emerging Smart Computing and Informatics (ESCI-2024)

Hybrid Mode

5th – 7th March, 2024

Organized By

All India Shri Shivaji Memorial Society's Institute of Information Technology Pune

Table Content

Our Heritage

The All India Shri Shivaji Memorial Society was established in 1917 as a broad based educational and social welfare organization by the erstwhile Royal house of Kolhapur, supported by the Royal House of Indore and Gwalior, with a benevolent mission of the welfare of their subject.

The foundation stone of the All India Shri Shivaji Memorial Society was laid at the hand of His Royal Highness, the Prince of Wales, on 19th November, 1921. The equestrian status of Chhatrapati Shivaji Maharaj was executed by the famous Indian Sculptor, Shri Nansaheb Karmarkar and was unveiled by his Excellency Sir Leslie Wilson, Governor of Bombay on 16th June, 1928.

The original plan for the famous heritage building for Shri Shivaji Preparatory Military School was conceived by the Tata construction Co., later redesigned by Rao Bahadur Jagtap and the building was constructed by Rao Bahadur Thube. At the instance of the Chhatrapati Rajaram Maharaj of Kolhapur, the building was inspected by then Commander- in- Chief of the British Army of the India and declared fit to house a Military School. His excellency sir Frederick Sykes Governor of Bombay inaugurated the School on 23 September 1933.

The renowned Engineering Colleges, College of Pharmacy, Polytechnic, Institute of Management and College of Hotel Management and Catering Technology are under the ambit of the society.

Through its various institutions AISSMS has provided the society with exemplary citizens. Some of the most decorated soldiers of the Indian Army have been the alumni of Shri Shivaji Preparatory Military School (SSPMS), the flagship institute of AISSMS. The students are persuaded to maintain strict discipline and regularity. State-of-art infrastructure, facilities of International standard, highly qualified and experienced faculty and dynamic and dynamic and comprehensive teaching learning process are some of the highlights of Institute of AISSMS.

About Institute

About Institute

The All India Shri Shivaji Memorial Society's Institute of Information Technology was established in 1999, is a self-financing Institution and is affiliated to the S. P. Pune University. It is approved by the AICTE, New Delhi and the Director of Technical Education, Government of Maharashtra. The institute is re-accredited with "A+" grade in cycle II by National Assessment and Accreditation Council (NAAC), granted Autonomous status by the UGC and 5 UG programs have been accredited by National Board of Accreditation (NBA).

Our college runs Engineering Degree programs in the branches of Computer Engineering, Information Technology, Artificial Intelligence and Data Science, Electronics and Telecommunication Engineering, Electrical Engineering and Instrumentation leading to the degree of B.E. of Savitribai Phule Pune University. We also have PG courses in Electrical and E&TC Departments and a Ph.D. Research Centre in E&TC.

About Conference

The 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2024) is the platform where academics and industry researchers present their latest algorithms, models and technologies and explore new trends and ideas on smart computing and informatics. The aim of this conference is to provide an allied platform for emerging trends in smart computing, networking, communication, signal and image processing, cyber security and IOT.

The key intention is to provide opportunity for the global participants to share their ideas and experiences in person with their peers expected to join from different parts of the world. In addition to this, the gathering will help the delegates to establish research environment as well as to find the international linkage for future collaboration in their career path. The conference focuses on various modernization and innovation paradigms that may be applied to present practical and creative solutions to diverse issues in society, industry and environment.

The conference proceeding invites academics and industry researchers for publication of papers explaining literature review, problem statement, methodologies with appropriate results. The selected papers will be sent to the experts for review. Acceptance will be based on significant and innovative content, originality and unpublished quality work. Accepted and presented papers will be published in IEEE Explore digital library. The Conference also invites special topics, tools and applications in multidisciplinary areas with workshops, tutorial sessions by expert academicians and professionals.

Highlights: To imbibe the research culture in undergraduate students, the conference invites the undergraduate students to publish original, innovative and quality research work. The accepted and presented papers will be published in conference proceeding.

The conference invites the papers in the following domains /tracks:
- **Track 1: Smart Computing**
- **Track 2: Image and Signal Processing**
- **Track 3: Internet of Thing and Automation**

Message from Vice Chancellor

सावित्रीबाई फुले पुणे विद्यापीठ
(पूर्वीचे पुणे विद्यापीठ)
गणेशखिंड, पुणे-४११००७, भारत.

Savitribai Phule Pune University
(formerly University of Pune)
Ganeshkhind, Pune-411007, India.

प्रा. डॉ. सुरेश गोसावी
कुलगुरू

Prof. Dr. Suresh Gosavi
Vice Chancellor

दूरध्वनी : (कार्यालय) ०२०–२५६२१०१७
Telephone : 020-25621017
E-mail : puvc@unipune.ac.in

MESSAGE

It is of immense pleasure to know that All India Shri Memorial Society's Institute of Information Technology (AISSMS IOIT), Pune; Maharashtra, India is organizing its 6th IEEE International Conference on Emerging Smart Computing & Informatics (ESCI 2024) from 5th to 7th March 2024 at AISSMS IOIT, Pune. The theme of the conference takes an in-depth look at many topics related to Smart Computing, Image, Signal Processing, and IoT.

No doubt, this conference is a step towards fulfilling the vision of Savitribai Phule Pune University to become a world-class Academic and Research University by carving its students with multidimensional skills and knowledge by creating awareness about the latest development in the era of technologies. The University is committed to promoting innovations, and research and imbibing the principles of knowledge generation. I am confident that this conference will surely encourage learning abilities among participants from diverse cultures.

I would like to congratulate the Management of All India Shri Memorial Society's Institute of Information Technology, Pune. I would like to appreciate the efforts taken by the members of the organizing committee to organize this International Conference.

I am sure that this conference will surely provide an allied platform for strengthening the relationship both at the national as well as at the international level in terms of knowledge sharing and provide impetus to increase joint research collaborations. I believe that this conference will play a pivotal role in fostering new ideas for a better tomorrow. My best wishes for the success of this conference!

Prof. Suresh Gosavi

Ref. No.VC/106
Date : 15/02/2024

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Message from Director, ISRO

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MESSAGE

I am happy to know that All India Shri Shivaji Memorial Society's Institute of Information Technology (AISSMS), Pune is organizing its 6th edition of IEEE International Conference on Emerging Smart Computing and Informatics (ESCI) during 5th to 7th March 2024. ESCI is a reputed conference providing platform for deliberations on advancements   and   research   on futuristic technologies including smart computing, networking, communication, signal and image processing, cyber security and IOI. I am happy_ to note that the conference has attracted over 600 researchers and practitioners from the academia, industry and government across the world in its previous editions.

With the advancements in Indush·y 4.0 technologies and their deeper penetration in almost every discipline, the newer and complex systems are continuously evolving. The aerospace systems are no exception to this and are becoming more sophisticated with the integration of technology frontiers including Optical & Quantum systems, Onboard AI, AI ready Data, Smart sensors etc. These systems have h·ansformative implications for the future of aerospace programs as they drive technological i:tnovation and promote sustainable space exploration. Space Applications Centre (ISRO) is leading the Advanced R&D in various technology frontiers and has demonstrated them in various missions.

This requires continuous evolution and upgradation of systems knowledge and research through collaborative-networked learning opportunities with scientists and professors, entrepreneurs, developers, talented young researchers/ students and other thought leaders with common i:t1terest. I am confident that the ESCI-2024 provide the much needed platform for synergetic interactions, knowledge sharing and research deliberations on technology frontiers with end user applications perspective.

I congrahilate the organizers and wish Conference a grand success.

(i:r,;:r"Q"di) /(NM Desai)
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भारतीय अंतरिक्ष अनुसंधान संगठन   **INDIAN SPACE RESEARCH ORGANISATION**

Message from President

Shrimant Shahu Chhatrapati Maharaj
President
All India Shri Shivaji Memorial Society,
Pune

It is our honour and privilege that AISSM Society's Institute of Information Technology, Pune, is hosting a distinguished gathering of minds by organizing its 6th IEEE International Conference on 'Emerging Smart Computing & Informatics (IEEE-ESCI 2024)' from 5th to 7th March, 2024 at the forefront of this transformational field. The Institute is re-accredited with "A+" Grade in cycle II by the National Assessment and Accreditation Council (NAAC), Bangalore, granted Autonomous status by the University Grants Commission (UGC), New Delhi and 5 UG programs have been accredited by the National Board of Accreditation (NBA), New Delhi. This conference has a vision which is significant for professionals as well as academia. We take a significant step forward in focusing on innovative concepts, best practices, and continuous improvisation. It is absolutely imperative that such conferences provide a vital platform for exchange of views and ideas to foster meaningful connections and ignite passion for technology. It aims to promote and generate multidisciplinary interest in all the areas of Engineering and Technology and will provide a foundation for scholars to explore the potential of smart computing and informatics applications. The enthusiasm, dedication and passion of the organizing team will go above and beyond to meet your expectations and provide an extensive experience to make this conference a success.

Message from Hon. Secretary

Shri Malojiraje Chhatrapati
Hon. Secretary
All India Shri Shivaji Memorial Society,
Pune

I extend a warm welcome to all the research scholars, academicians, students and technology enthusiasts from academia and industry for the 6th IEEE International Conference on Emerging Smart Computing & Informatics (IEEE-ESCI 2024), which is organized by AISSM Society's Institute of Information Technology. AISSMS, which is an umbrella organization, imparts a high quality education, values and one of its example is the staging of international conferences.

I am confident that this conference will provide a great opportunity for a global group of scientists, scholars, researchers and industry experts to come together for stimulating discussions, groundbreaking research contributions and forging ahead with new collaborations in the field of science and technology. Collaborative international initiatives for the exchange of views and ideas will pave the way for generating the finest possible research interest in all the disciplines of engineering and industry.

I congratulate and appreciate all the members of AISSM Society's Institute of Information Technology, Pune team for their relentless hard work and unwavering commitment to organize IEEE-ESCI 2024 thereby shaping a smarter and brighter future for all.

I believe that this conference will fuel all the attendees in your journey of smart computing and informatics. Best wishes for a productive, inspiring and successful conference!

Message from Chair

Dr. Surekha Deshmukh
Chai
r IEEE Pune Section,
Pune

It gives me immense pleasure to congratulate to AISSMS's IOIT, Pune for organizing 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2024), during 5th -7th March 2024.

The international conference aims to provide a technical platform for researchers across the globe to present their innovative ideas and share technical knowledge. This Conference encourages original papers in the diversified domains concerning the field of technological advancement in Smart Computing, IoT, Image and Signal Processing.

I would like to thank all of the participants for their excellent contributions. I sincerely hope that their study will benefit humanity in all aspects of life. I am also optimistic that the talks among attendees at this IEEE conference will help them solidify existing ideas and explore new ones.

I take this opportunity to convey my best wishes and thanks to all the keynote speakers, delegates, research scholars, faculty members and all the members of the organizing committee for making this conference a brand.

I wish the conference all success.

Message from Organizing Chair

Dr. Suresh Limkar
Organizing Chair IEEE ICESCI-2024, Pune

It is with great pleasure that we extend a warm welcome to all research scholars, industry experts, faculty members, and students for the 6th IEEE International Conference on Emerging Smart Computing & Informatics (IEEE ESCI 2024). The conference is scheduled to take place from 5th to 7th March 2024 at AISSMS IOIT Pune.

This event offers a unique opportunity for networking, interaction, and collaboration among scholars, providing a platform to meet and learn from world-renowned professionals. The conference will facilitate the exchange of ideas and problem-solving discussions, particularly in the areas of Smart Computing and Informatics.

We are excited to announce that the response to paper submissions has been overwhelming, and we express our gratitude for the enthusiastic participation of researchers. The high-quality contributions underwent a rigorous evaluation process by an esteemed intellectual review panel comprising professionals in their respective disciplines.

The conference program includes world-class keynote speeches, Tutorial talks, and special sessions by scholars and experts from academia, industry, and research organizations. We believe these sessions will contribute significantly to the learning experience of students and young researchers.

The involvement of all presenters at IEEE ESCI 2024 is anticipated to enhance their experience through meaningful interactions with the international technical community. We encourage active participation and engagement in discussions and deliberations, fostering an environment conducive to the exchange of innovative ideas.

We are confident that the conference will serve as a platform for interdisciplinary collaboration, bringing together individuals from similar fields to share their experiences and work on joint projects. The success of IEEE ESCI 2024 relies on the collective enthusiasm and contributions of all participants.

Message from General Chairs
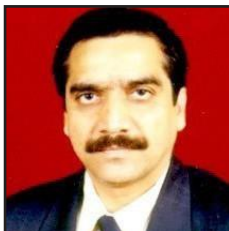
Dr. P. B. Mane
General Chair
IEEE ICESCI-2024,
Pune

Dr. Vivek Deshpande
General Chair
IEEE ICESCI-2024
Pune

We extend a warm welcome to all invitees, delegates, academia, industry professionals, and exhibitors from around the world for 6th IEEE International Conference on Emerging Smart Computing & Informatics (IEEE ESCI 2024) will be held from March 05–07, 2024, at AISSMS's Institute of Information Technology, Pune, IEEE Pune Section, and IEEE Signal Processing Chapter, Pune. Through the tremendous efforts of the entire organizing team, this magnificent event has been made available to the academic community. We would like to sincerely thank each and every one of them for their outstanding work.

Research scholars, academic technocrats and industry specialists have all been able to interact, share, and discuss their original research ideas and contributions in this conference. The discussions, brainstorming sessions, and deliberations shed light on the potential benefits, drawbacks, and worries associated with the expanding fields of informatics and smart computing.

We would like to thank the reviewers as well as the entire IEEE-ESCI 2024 team. Without the active involvement, efforts, and support of every stakeholder, a large-scale conference would not be feasible. Last but not least, we would like to thank all of the invited experts, authors and dignitaries for their time and knowledge. For enabling us to host such a successful conference, we are extremely grateful to the IEEE and the AISSM Society.

Message from Technical Program Chair

Dr. Meenakshi Thalor
Technical Program Chair
IEEE ESCI-2024

On behalf of the Technical Programme Chair Committee, we thank you for participating in the IEEE International Conference on Emerging Smart Computing and Informatics (ESCI-2024).

ESCI-2024 brings together researchers, academics, industry experts, and education leaders from all over the world to discuss an incredibly wide array of topics including Smart Computing, Artificial Intelligence, Image Processing, Internet of Things (IoT), Industry 4.0, Smart Services, Communication Networks and many more.

The Technical Program of IEEE ESCI-2024 consists of 03-tracks and 14 special sessions, featuring emerging areas of applications. The conference also features with 6 Pre conference tutorials on recent topics like, "Latest trends and Real-world applications of loT and IoT Security", "NLP and GenAI", "Machine Learning's Role in Revolutionizing the IT Landscape: Applications and Future Prospects", "Emerging Systems as AI Data Source, "Revolutionizing Electrical Engineering with AI and Machine Learning and Exploring the Potential of Gen AI", "Industrial valves and new technology innovations". During the conference 3 keynotes session related to emerging and smart computing field are conducted by distinguished speakers.

We received a total of 1457 paper submissions for the conference, out of which 326 papers have been accepted and 192 papers have been registered for presentation and publication in the conference proceedings, yielding an acceptance rate of 22.37%. The submitting authors originate from various countries from all parts of the world. Every paper went through a rigorous review process, and at the end quality research work is promoted through this conference.

We express our sincere thanks to Organization Committee, Advisory Committee, Track Chairs, Registration Committee, Publication Chairs , Program Chairs, and Paper Reviewers for their valuable work in shaping the Technical Program.

Enjoy conference with your friends and colleagues as well as impromptu discussions with locals!

Chief Guest

Dr. Deepak Dhar
Distinguished Professor Emeritus and
NASI-Senior
Scientist, 2023 Padma
Vibhushan Awardee

Prof. Deepak Dhar (born 1951) obtained his B.Sc (1970) and M.Sc (1972) degrees in Physics from Indian Inst. of Tech., Kanpur and did his Ph.D (1978) in Physics at California Inst. of Tech., Pasadena. He was conferred many honors and awards like E. P. Anthony Fellow, R. P. Feynman Fellow, I.N.S.A. Young Scientist Award in 1983, S. S. Bhatnagar award in Physical Sciences in 1991, J.R. Schrieffer Prize in Condensed Matter Physics in 1993, S. N. Bose medal of I.N.S.A. (2001), Third World Academy of Science Prize in Physics (2002), J. C. Bose Fellowship of Dept. Sci. Tech. (India) (2007-2017), Boltzmann medal of IUPAP (2022), Distinguished Alumnus Award of I.I.T.K., 2022, R. D. Birla Memorial award of the Indian Physics Association, 2022,

Prof Deepak Dhar is a Fellow of the Indian National Science Academy, New Delhi; National Acad. of Sciences, Allahabad; Indian Acad. of Sciences, Bangalore; The World Academy of Sciences, Trieste, Honorary Fellow of T.I.F.R.

In recognition of his noteworthy contributions, Prof Deepak Dhar was conferred the prestigious Padma Bhushan award by Government of India in 2023. Awards received by him in recent time include: Meghnad Saha Centenary Medal by the University of Allahabad, 2023, Ph.D. Honoris Causa by the University of Allahabad, 2023, Champions of Change Maharashtra, Second Edition (2023).

He was also the advisor Editor, Physica A till 2004 and as Member of Editorial Boards of J. of Stat. Phys. His contributions to the field of education include: IUPAP Commission on Statistical Physics (1992-95); Dean of Graduate Studies at TIFR (2010-14); Member, Council of Indian Academy of Sciences, Bengaluru (2015-2018). He was also deputed as Convener of the CSIR-UGC NET examination in Physics (2016-2019) and rendered his service as Member, Sectional Committee of INSA for Physical Sciences (2020-22).

He is presently rendering his service as the Distinguished Emeritus Professor, Department of Physics, Indian Institute of Science Education and Research, Dr. Homi Bhabha Road, Pashan, Pune.

Keynote Speaker

Dr. Aziz Nanthaamornphong Associate Professor, Dean, College of Computing, Thailand

Bio - Aziz Nanthaamornphong is an Associate Professor and serves as the Dean at the College of Computing at Prince of Songkla University's Phuket campus in Thailand. He earned his Ph.D. degree from the University of Alabama, USA. With an extensive academic background, Dr. Nanthaamornphong specializes in empirical software engineering and data science, among other areas. His research significantly contributes to the development of scientific software and leverages data science in the field of tourism. In addition to his core focus, he is also deeply engaged in the study of human-computer interaction, pioneering innovative approaches to foster a beneficial interplay between humans and technology.

Ekkarat Boonchieng
Ph.D (IEEE Senior member) Director, Center of Excellence in Community Health Informatics Deputy Dean of Graduate School, Chiang Mai University

Bio- Ekkarat Boonchieng (Senior member, IEEE) received the B.S. degree in computer science with Khon Kaen University, the M.S. degree in computer science with University of New Haven and the Ph.D. degree in computer science with Illinois Institute of Technology. Now, he is an Associate Professor with Chiang Mai University of computer science, Director of Center of Excellence in Community Health Informatics and Deputy Dean of Graduate School, Chiang Mai University. His current research interests include image processing, IOT, data science and biomedical engineering.

Dr. Fathe Jeribi Associate Professor, Vice Dean for Academic Affairs, College of Computer Science and Information Technology, Jazan University, Saudi Arabia

Bio: Dr. Fathe Jeribi is a Editorial Board Member at the Saudi Journal of Applied Sciences and Technology, Member at Engineering and Technology Research Center, Jazan University, Saudi Arabia. He is also Member at the Standing Committee of Scholarship and Training, Jazan University, Saudi Arabia, Member at Saudi Scientific Society for Information Technology, IBM Data Science Certified Instructor and reviewer at many ISI journals and conferences.

Keynote Speaker

Dr. Sriparna Saha
Associate Professor,
Department of Computer Science and Engineering,
Indian Institute of Technology Patna, India

Bio - Dr. Sriparna Saha is currently serving as an Associate Professor in the Department of Computer Science and Engineering, Indian Institute of Technology Patna, India. She has authored or co-authored more than 400 papers. Her current research interests include machine learning, deep learning, natural language processing, multi objective optimization, and biomedical information extraction. Her h-index is 40 and the total citation count of her papers is 8375 (according to Google Scholar). She is also a senior member of IEEE and a fellow of IETE. She is the recipient of the Lt Rashi Roy Memorial Gold Medal from the Indian Statistical Institute for outstanding performance in MTech (computer science), Google India Women in Engineering Award, 2008, Pattern Recognition Letters Editor Awards 2023, NASI YOUNG SCIENTIST PLATINUM JUBILEE AWARD 2016, BIRD Award 2016, IEI Young Engineers' Award 2016, SERB

WOMEN IN EXCELLENCE AWARD 2018, SERB Early Career Research Award 2018, Humboldt Research Fellowship, Indo-U.S. Fellowship for Women in STEMM (WISTEMM) Women Overseas Fellowship program 2018 and CNRS fellowship. She has visited the University of Heidelberg, Germany, University of Trento, Italy, University of Caen, France, University of Mainz, Germany, University of Kyoto, Japan, Queens' University, UK, University of California San Diego, USA, Monash University, Malaysia campus; King Mongkut's Institute of Technology, Thailand, as a visiting scientist. She won the best paper awards in ICONIP 2023, CLINICAL-NLP workshop of COLING 2016, IEEE-INDICON 2015, ICACCI 2012, Area Chair Award (Information Extraction Track) in IJCNLP-AACL 2023. She is currently also serving as the Associate Editor of IEEE/ ACM Transactions on Computational Biology and Bioinformatics, IEEE Transactions on Computational Social Systems, IEEE Transactions on AI, ACM Transactions on Asian and Low-Resource Language Information Processing, Expert Systems with Applications, IEEE Internet Computing, Engineering Applications of Artificial Intelligence, Neurocomputing.

Keynote Speech Topic: Multimodal Information Processing: Some recent NLP applications

Abstract: Multimodal information processing deals with the efficient usage of information available in different modalities such as audio, video, text, etc. for solving various task applications of real life. This talk will discuss how the multimodal information extracted from different modalities can help in improving different tasks of dialogue systems, summarization, hate speech detection, and complaint mining. Multimodal information collected from audio tones, facial expressions, and texts is utilized for determining the type of utterance in a multitask setting where emotion recognition and dialogue act classification tasks are solved simultaneously. Multimodal information collected from videos, images, and texts can also be utilized for generating a summary. Images and texts collected from Amazon reviews are utilized for developing some aspect-based multimodal complaint detection systems in a multi-task setting where sentiment and emotional information are utilized as auxiliary tasks. Memes collected from social media are utilized for the detection of hate speech in a multitasking setting where sentiment, emotion, and sarcasm detection are utilized as auxiliary tasks. This talk will highlight the different applications of multimodal information processing in solving different NLP tasks.

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ESCI 2024 Programme Schedule

Pre Conference Tutorial Session Date : 4th March 2024, Monday	
Topic: Latest trends and real-world applications of loT and IoT Security **Resource Person** :Sudhir Madhukar Gorade , Chief Growth Officer, Sumago Infotech Pvt. Ltd.,Pune **Department**: Information Technology **Room No**: 605 Time:10.00 am to 12 noon **Coordinator**: Dr R. Y. Totare	**Topic:** "NLP and GenAI" **Resource Person** Adish Apte, Associate Vice President Canvas-Global Technology Office (GTO),Pune **Department** AI & DS **Room No** Multipurpose Hall Time :10 am to 12 noon **Coordinator** Ms. Swati Kadu
Topic: "Machine Learning's Role in Revolutionizing the IT Landscape: Applications and Future Prospects" **Resource Person** Shailaja Bhadgaonkar, Assistant Vice President, Deutsche Bank, Pune **Department:** Computer Engineering **Room** 505 Time- 10 am to 12 noon **Coordinator** Ms. Shilpa Pimpalkar	**Topic:** "Revolutionizing Electrical Engineering with AI and Machine Learning and Exploring the Potential of Gen AI" **Resource Person** Mr. Gajanan Bejgamwar Manager Supply Chain Analytics &Optimization-TCS, Pune **Department:** Electrical Engineering **Room** 210 Time- 10 am to 12 noon **Coordinator** Ms. Saba Shaikh
Topic: "Industrial valves and new technology innovations" **Resource Person** Mr. Satish Pathak ,Founder, Executive Director, Samiep Technology Innovations Pvt. Ltd, Pune **Department:** Instrumentation **Room** 704 Time- 10 to 12 noon **Coordinator** Dr Vandana Kale	**Topic:** "Engineering Systems as Data Source" **Resource Person** Mr Kishor Ramdas Ingale, Asst. Gen Manager, Pune **Department:** E&TC **Room** 305 Time- 10 to 12 noon **Coordinator** :Mr. Venkat Ghodke

ESCI 2024 Programme Schedule

DAY - 1 : 5th March 2024,Tuesday
INAUGURAL FUNCTION
Chief Guest: Dr. Deepak Dhar Padma Bhushan Awardee (2023), Distinguished Professor Emeritus at Indian Institute of Science Education and Research (IISER), Pune **Guest of Honor:** Shri Nilesh M. Desai, Distinguished Scientist,Director of Space Applications Centre (SAC), Ahmedabad, a lead centre of Indian Space Research Organisation (ISRO)   **Link:** http://tinyurl.com/ESCI-2024-Day-1-Inaugural **Time: 11.00 AM TO 12.00 PM (IST)**
**Keynote Talk-01	Time :12.00PM-1.00PM(IST)** **Speaker :**Dr. Aziz Nanthaamornphong**,** Associate Professor, Dean at the College of Computing, Prince of Songkla University's Phuket campus,Thailand. **Topic :** Exploring 5G, AI, and IoT in Smart Hospitals **Venue :** Multipurpose Hall (2nd floor) **Coordinator :**Mrs. S. M.Shaikh M: +919881667867
LUNCH BREAK   1.00 PM-2.00PM (IST)
**Keynote Talk-02	Time:2.00PM-3.00PM(IST) Speaker:** Dr. Ekkarat Boonchieng (IEEE Senior member), Director, Center of Excellence in Community Health Informatics Deputy Dean of Graduate School, Chiang Mai University, Thailand **Topic:** Combining Several Classification Models with Outlier Identification to Classify Diseases in Imbalanced Datasets **Venue :** Multipurpose Hall (2nd floor) **Coordinator :**Mrs. S. M.Shaikh M: +919881667867
**Expert Talk-1	Time:3.00PM-5.00PM(IST)** **Speaker:** Mr. Dhanu Pattanashetti, Senior Client Services Manager IEEE,Bangalore,India **Topic :** IEEE Authorship **Room No :** 407 (4th floor) **Coordinator :**Dr.Shobha Nikarm (9860709687)

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		Technical Oral Presentation Session 1: Smart Computing Session Coordinator: Dr. Sarika Nitin Zaware (9822777903) Mr. Rahul Namdeo Jadhav (9960622886) External Session chair: Dr. Ravneet Kaur (7508312011) Link : http://tinyurl.com/Day-1-Session-1-SC | Time : 3.00 PM TO 5.00 PM
Sr. No.	**Paper ID**	**Title**
1.	796	A Machine Learning Enabled Approach for Mental and Physical Health Management Using OpenCV, NLP and IOT
2.	1183	Advancements in Power System Stability: FOPID Control Optimization Using Harris Hawk Algorithms in SMIB Systems
3.	1359	Deep Reinforcement Learning in Stock Trading: Evaluating DDPG and DQN Strategies
4.	1337	Data-Driven Decisions: A Machine Learning Perspective on Loan Authorization
5.	691	A Novel Approach for Congestion and Interference Management through Channel Assignment Optimization in Wireless Networks
6.	1039	Automated Detection of Dysgraphia Symptoms In Primary and Middle School Children

		Technical Oral Presentation session 2 : Image & Signal Processing Session Coordinator: Dr.Kishor Sadashiv Wagh (9890949655) Ms. Dipali Mahendra Yewale (9960730911) External Session chair:Dr. Shailesh Hambarde (9730475715) Link : http://tinyurl.com/Day-1-Session-2-ISP Time : 3.00 PM TO 5.00 PM
Sr. No.	**Paper ID**	**Title**
1.	877	Mask Attention-Based Vision Transformer (MA-ViT) for PCB Defect Detection
2.	1132	Hash Based Secure and Efficient Scaling Approach for Detecting the Diabetic Retinopathy Disorder
3.	928	Efficient Feature Extraction and Segmentation Methods used in Tuberculosis Detection
4.	1239	Towards the Development of an Automated Pipeline for Cilia Detection
5.	687	Neuro-Cognitive Pattern Recognition: Advancements in Memory-Related Disorders Identification
6.	675	Localization of Dengue Virus Likelihood Using Image Processing Technique

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	Technical Oral Presentation Session 3: Smart Computing	
	Session Coordinator: Dr.Chetan Nimba Aher(9503443501) Ms. Mamta Sanjay Koban (Wanjre)(9921353812) External Session chair :Ranjeet Vasant Bidwe (9766332822) Link : http://tinyurl.com/Day-1-Session-3-SC Time : 3.00 PM TO 5.00 PM	
Sr. No.	**Paper ID**	**Title**
1.	1147	A Meta-Learner-Integrated Stacking Voting Ensemble Network for Cervical Malignancy Classification
2.	1233	Enhancing Stock Price Prediction with MACD and EMA Features Using LSTM Algorithm
3.	1269	Blockchain Revolution: A New Horizon for Supply Chain Management in Hotel Industry
4.	943	Performance Analysis of Velostat, Conductive Fabric and Force Sensing Resistor for Incorporating Safety in Women's Jacket
5.	1068	A Deep Residual Neural Network for Potato and Pepper Leaf Disease Detection
6.	1023	Applying Transformer-Based Neural Networks to Corpus Linguistic Data for Predictive Text Generation in Multilingual Environments

	Technical Oral Presentation Session 4 : Internet of Things	
	Session Coordinator: Dr.Rakesh Bapu Dhumale(9763463366) Ms.Shradha Bhanudasrao Toney(9730408533) External Session chair: Dr. Sheetal Kulkarni (9850831737) Link: http://tinyurl.com/Day-1-Session-4-IOT Time : 3.00 AM to5:00PM	
Sr. No.	**Paper ID**	**Title**
1.	1346	LoRa-Based Wireless Sensor Network Testbed for Precision Agriculture Application
2.	1203	Prediction of Human Emotions based on Speech Recognition System
3.	1246	Analyzing the Impact of Fuzzy Logic on Service Composition in Smart Agriculture
4.	1014	Soil-Borne Pathogens Management in Cloud-Connected Agriculture: An IoT and Decision Tree Algorithmic Approach
5.	1131	Modelling and Simulation-based Design Approach to Assisted and Automated Driving System Development
6.	1146	CNN and ANN Based Tool Condition Monitoring in Gear Machining Using Audio and Vibration Signals Via Cost Effective Sensors

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Technical Oral Presentation Session 5 : Internet of Things
Session Coordinator: Dr.Mayura Vishal Shelke (7722039352)   Ms. Rajshri Nagnath Malage (7020029723)
External Session chair:Dr. Vani Hiremani (9545881166)
Link: http://tinyurl.com/Day-1-Session-5-IOT
Time : 3.00 AM to5:00PM

Sr. No.	Paper ID	Title
1.	865	AI LipReader-Transcribing Speech from Lip Movements
2.	611	With You - Indian Sign Language Detection and Alert System
3.	399	Distributed MQTT Broker: A Load-Balanced Redis-based Architecture
4.	684	Game Theory-Based Fastest Route Plan Method for Transportation Network Applications
5.	821	Adaptable System for Protecting Inhabitants
6.	867	Water Resource Optimization By Using A Hyper Parameter Tuned Lstm Of A Smart Agriculture

Technical Oral Presentation Session 6 : Image & Signal Processing
Session Coordinator: Dr. Meenakshi Anurag Thalor(9923602929) Mr.Satish Dnyaneshwarrao Kale(8007756043)
External Session chair Dr. Yogini Borole (9689925823)
Link: http://tinyurl.com/Day-1-Session-6-ISP
Time : 3.00 AM to5:00PM

Sr. No.	Paper ID	Title
1.	620	VGG16-PotatoGuard: A Deep Learning Approach to Detecting Leaf Diseases in Potatoess
2.	534	Deep transfer Learning Based Diagnosis of Multiple Neurodegenerative Disorders
3.	535	Multi-Modal Visual Features Perception Technology for Internet of Vehicles (IoV)
4.	576	Bidirectional Sign Language Assistant with MediaPipe Integration
5.	424	Number Plate Recognition using OpenCV
6.	578	Recognition of Critical Built-up Areas Located on High Hill-slope Regions using Spatial Data Mining Technique

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Technical Oral Presentation Session 7 : Image & Signal Processing		
Session Coordinator: Dr. Dnyandeo Krishna Shedge(9850122194) Ms. Pradnya Dattatraya Bormane(9763722263) External Session chair:Dr. Rahul Pol (9657799066) Link : http://tinyurl.com/Day-1- Session-7-ISP Time : 3.00 AM to5:00PM		
Sr. No.	**Paper ID**	**Title**
1.	463	A Video Steganography approach with randomization algorithm using image and audio steganography
2.	473	Human Pose Estimation Techniques for Yoga and Kavayat(drill): A Yardstick Analysis
3.	557	Smart Survival Lance System for visually impaired person
4.	449	Image Enhancement Using Tri-histogram Equalization Technique
5.	403	MDLGO: Integrated Multimodal Deep Learning Framework for Enhanced Precision in Glaucoma Diagnosis Using OCT A-scans
6.	231	A Comparative Study On Emotion Analysis Using Transfer Learning

DAY -2 : 6th March 2024, Wednesday		
Technical Oral Presentation Session 8: Image & Signal Processing		
Session Coordinator: Dr.Veena Suhas Bhende(9970974045) Mr.Vikas Janardan Desai(9421676837) External Session chair: Dr. Sarika Patil (9552554857) Link : http://tinyurl.com/Day-2-Session-8-ISP Time: 10.00 AM to 12.00 PM (IST)		
Sr. No.	**Paper ID**	**Title**
1.	379	Wildfire smoke detection using deep learning
2.	1343	True Feature Distillation For Compression of Gans
3.	1188	Accurate Semantic Segmentation of Aerial Imagery Using Attention U-Net Architecture
4.	1165	Optimisation Of Anomaly Detection In Video Processing Using Efficient Feature Engineering
5.	1182	Partitions of Liver Cancer by Enhanced Feature Extraction and Mapping with Improved Transfer Developing Methods
6.	1099	Synergizing SVM Classifier with Hybrid CNN Architecture for Handwritten Recognition

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		Technical Oral Presentation Session 9: Smart Computing (offline) Session Coordinator: Dr.Pritam Santosh Saha (9209217431) Ms.Jayashree Chandrakant Pasalkar (8408856344) External Session chair:Dr. Shashank Joshi () Room No 111 Time: 10.00 AM to 12.00 PM (IST)
Sr. No.	**Paper ID**	**Title**
1.	1187	Efficiency comparison of dataset generated by LLMs using Machine Learning Algorithms
2.	1279	Revolutionizing Medical Diagnosis with Novel Teaching-Learning-Based Optimization
3.	1266	Minutes of Meetings Generation for online meets Using NLP & ML Techniques
4.	1201	Facial Video Analytics : An Intelligent Approach to Heart Rate Estimation using AI Framework
5.	1054	FashionVLM - Fashion Captioning using Pretrained Vision Transformer and Large Language Model
6.	205	ICode - An unified competitive coding profile platform

		Technical Oral Presentation Session 10: Smart Computing (offline) Session Coordinator: Dr.Dilip Shravan Shelar(9829937046) Mr.Girish Jaysing Navale(7758990466) External Session chair: Dr. Kalyan Bamane (9822116453) Room No 117 Time: 10.00 AM to 12.00 PM (IST)
Sr. No.	**Paper ID**	**Title**
1.	1352	Advancing Manufacturing Energy Efficiency: The Role of AI and Web-Based Tools
2.	488	Human Disease Prediction Using Machine Learning
3.	409	Fake Review Detector
4.	312	ANN Based Approach for Electricity Theft Detection in Single Phase Energy Meters
5.	155	Sky strokes:Bridging Artistic Expression And Communication Barriers Through Aerial Digital Canvas
6.	149	Decentralized Storage Security A Blockchain-Driven Solution

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Technical Oral Presentation Session 11: Smart Computing

Session Coordinator: Dr.Amrapali Shivaji Chavan (9822795994)   Ms.Supriya Vikas Lohar (9420132597)

External Session chair:Dr S K Hiremath (9765069841)

Link: http://tinyurl.com/Day-2-Session-11-SC

Time: 10.00 AM to 12.00 PM (IST)

Sr. No.	Paper ID	Title
1.	480	An innovative way to increase the speed and efficiency of reverse mapping of Elliptic Curve Points
2.	705	CTC-CNN-Bidirectional LSTM based Lip Reading System
3.	827	CDBO_DenseNet: CAViaR Dung Beetle optimization enabled deep learning for Diabetic retinopathy classification
4.	722	Machine Learning based water requirement prediction for agriculture before a rainfall
5.	631	An Investigation on the Level of Customer Satisfaction with E-Banking Services with a special focus
6.	848	A Novel Natural Language Processing Based Model for Plagiarism Detection

Technical Oral Presentation Session 12 : Internet of Things

Session Coordinator: Dr. Sarika Amitraj Panwar (9923318187)   Mr.Prashant Shivling Sadaphule

(7588684770) External Session Coordinator :Dr.Navanetth Bhaskar (9847022011) , Nirmal K ()

Link : http://tinyurl.com/Day-2-Session-12-IOT

Time: 10.00 AM to 12.00 PM (IST)

Sr. No.	Paper ID	Title
1.	900	A Paradigm Shift in Ethereum Network Analysis through Google BigQuery, Portation, and Visualization
2.	1340	Safe and secure communication using SSL/TLS
3.	1224	Agrobot for Inter-row and Intra-row Weeding
4.	970	Classification Of Malware Families Using Transformers And Auto Formers In Deep Learning
5.	1071	Graph based analysis technique for identification of key functionalities in malicious IoT binaries

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Technical Oral Presentation Session 13 : Internet of Things		
Session Coordinator: Dr. Shagufta Mohammad Sayeed Sheikh (9689993993) Ms.Archana Ganesh Said(9767747898) External Session chair:Dr. Milind Bongulawar (9370322479) Link : http://tinyurl.com/Day-2-Session-13-IOT Time: 10.00 AM to 12.00 PM (IST)		

Sr. No.	Paper ID	Title
1.	1336	Aqua Watch: A Nitrate Sensor with Color Intelligence
2.	873	Development of Code-Mixed Marathi-English Dataset for Hate Speech Detection
3.	1286	UAV Assisted Next Generation Wireless Communication Network
4.	1006	Smart Agriculture System Using Internet of Things (IoT)and Machine Learning
5.	482	A Study of Weed Management in Agricultural Plants using IoT and Machine Learning
6.	1275	Adaptive DoS Attack Detection in SDN

Technical Oral Presentation Session 14 : Smart Computing		
Session Coordinator: Dr. Riyazahmed Abdulgani Jamadar (9823289109) Ms. Anuradha Shivajirao Varal (9561609068) External Session chair:Dr.Deepali gore (9822532954) Link :http://tinyurl.com/Day-2-Session-14-SC Time: 10.00 AM to 12.00 PM (IST)		

Sr. No.	Paper ID	Title
1.	629	Ingenious Waste Management: Implementing Machine Learning in Waste Segregation
2.	671	Machine Learning Based IPL Fantasy Cricket Dream11 Best Team Prediction
3.	972	Advancements in Quantum Error Mitigation Strategies for Reliable Quantum Computing on IBM Simulators
4.	519	AI-Powered Automated Wheelchair based on Lane Detection with Gesture, Voice, and Face Recognition
5.	676	Role of Non Fungible Tokens in Transforming Academic Credentials for Trust and Transparency
6.	516	Evolution of methodologies and comparative analysis of different development paradigms

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Technical Oral Presentation Session 15: Smart Computing
Session Coordinator: Dr. Manisha Rakesh Raghuvanshi (8989872278)   Ms. Punashri Mahadev Patil(7387838462)
External Session chair:Dr. Ram Joshi
(9921945347) Link: http://tinyurl.com/Day-2-
Session-15-SC Time: 10.00 AM to 12.00 PM
(IST)

Sr. No.	Paper ID	Title
1.	500	Unmasking Disinformation: Detection of Fake News Online using Learning Techniques
2.	268	Long Short-Term Memory-Based Next Keyword Prediction
3.	551	AI-Optimized Eco-Charge Regeneration Technology in EV
4.	384	Utilizing Bayesian Networks to Augment Decision-Making for Dengue Outbreak Response in Public Health Systems
5.	361	Comprehensive Exploration of the Role of Graph Databases like Neo4j in Cyber Security
6.	305	Analysis of Hyper-Threading using on die Performance Monitoring Counters

Technical Oral Presentation Session 16 : Special session
Session Coordinator: Dr.Mohini Pramod Sardey(9881409100)   Ms.Poonam Swapnil Jadhav(8888148293)
External Session chair: Dr. P. A. Harshavardhini (9000376651)
Link: http://tinyurl.com/Day-2-Session-16-SPS
Time: 10.00 AM to 12.00 PM (IST)

Sr. No.	Paper ID	Title
1.	PA_05	Power Efficient High Gain/CMRR and Low Noise ElectroOculogram For Human-Computer Interaction
2.	PA_08	Transformative Advancements: Sign Language Conversion to Text and Speech
3.	PA_09	Ultra-Low Energy Consumed GDIBased Hamming Code High Speed Signal Processing Communication System
4.	PA_11	Kernel Based FCM for Spinal Cord Segmentation on Computed Tomography Images
5.	PA_25	Analysis of Carrier to Noise Density Ratio, Satellite Visibility and Skyplot of Multiple GNSS
6.	PA-18	A Novel Probabilistic Access Scheme for NB-IOT in 5G Network
7.	PA_32	Gender Identification From The Shortest Telugu Speech Using Hybrid And Optimised Spectral Features By Applying Machine Learning Models

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Keynote Talk -3 | Time:12.00PM – 1.00PM(IST)	

Speaker: Dr. Fazah Al-Hazali, Associate Professor, Vice Dean for Academic Affairs, College of Computer Science and Information Technology, Jazan University, Saudi Arabia Pro
Topic: "The AI Revolution: Keynote Insights on Machine Learning and Beyond"
Link: http://tinyurl.com/ESCI-2024-Day-2-Keynote-03
Coordinator: Mrs. S. M.Shaikh M:+919881667867

LUNCH BREAK 1.00 PM-2.00PM

Keynote Talk -4 \|Time:2.00 PM – 3.00 PM
(IST) Speaker: Dr. Sriparna Saha, Associate Professor at IIT Patna, India.
                  Topic: Multimodal Information Processing: Recent NLP applications
Link: http://tinyurl.com/ESCI-2024-Day-2-Keynote-04
Coordinator: Mrs. S. M. Shaikh   M: +919881667867

Technical Oral Presentation Session 17: Smart Computing
Session Coordinator: Dr.Mrunal Kishor Phathak(9421705871)   Mrs. Farhana Sarvar Fatima Kazi Sayed(9158985458)
External Session chair:Snehal Rathi (9890969897)
Link : http://tinyurl.com/Day-2-Session-17-SC
\|Time : 3pm to 5pm

Sr. No.	Paper ID	Title
1.	923	Utilizing Deep Belief Networks for Consumer Behavior Analysis in Retail Management
2.	321	Prediction of Diabetes Mellitus Disease using Supervised Machine Learning Models
3.	1349	A Xgboost Optimized Ensemble Model For Remaining Useful Life Prediction Of Aircraft Turbofan Engines
4.	912	Advancements in Healthcare: Predictive Modeling for Early Disease Diagnosis and Patient Record Management
5.	1353	Envisioning India's Energy Future: Predictive Models For Power Generation Trends
6.	1354	Crop Yield Forecasting For A Resilient Food System The Role Of Ai And Green Principles

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Technical Oral Presentation Session 18: Internet of Things		
Session Coordinator: Dr.Nilima Satish Warade(9960257810) Ms. Neha Sangram Patil (9561508345) External Session chair:Dr. Vaishali Upadhye(9975152759) Link : http://tinyurl.com/Day-2-Session-18-IOT | Time : 3pm to 5pm		
Sr. No.	**Paper ID**	**Title**
1.	858	Vision-Based Humanoid Robotic Palm For Amputee Person Using Deep Learning
2.	916	Enhancement of Network Security in MANET using Refined Adaptive Harris Hawks Optimization Algorithm
3.	915	Sign Language to Text Translation Using Convolutional Neural Network
4.	756	Optimized multiplier in nanosheet technology with Vedic approach
5.	1278	Smart Energy Power Consumption
6.	98	Intelligent override adaptive traffic signal controller

Technical Oral Presentation Session 19: Internet of Things		
Session Coordinator: Dr.Nidhi Sharma (9168351100) Ms.Anuja Sandeep Phapale(9730299992) External Session chairDr. Santosh Rajgade (9762636286) Link: http://tinyurl.com/Day-2-Session-19-IOT Time : 3pm to 5pm		
Sr. No.	**Paper ID**	**Title**
1.	587	Efficacy of an Augmented Reality Application for Enhanced learning of 3D Geometric Shapes
2.	528	Machine Learning Based Crop Recommendation Model in Precision Agriculture
3.	389	IoT based Real Time Drainage Monitoring System
4.	452	Firefly-Driven Feature Selection for Enhanced DDoS Detection in IoT Networks
5.	348	Stability and Control of RT-VCM employed for Moving Mirror Control in FTIR Spectroscopy using FOPID Controller
6.	174	Safe Count: A Two Step Verification Based Voting System

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	Technical Oral Presentation Session 20: Image & Signal Processing(offline)	
	Session Coordinator: Mrs.Minal Prashant Nerkar (9850173169) Ms. Archana Amol Randive (9850830634)	
	Ms.Swati Dattatray Kadu (9561586490)	
	External Session chair:Dr. Megha Wankhade(9975293034)	
	Room No 111	Time : 3pm to 5pm	

Sr. No.	Paper ID	Title
1.	1363	Flood Susceptibility Mapping and Accuracy Assesment of a River Floodplain using Bivariate Statistical Methods and AHP Approach
2.	1015	Early Disease Detection in Wildlife by Analysing Behavior and Weather Conditions Using Image Processing and Deep Learning
3.	1198	Real-Time Injury Risk Assessment in Athletes based on Relative Joint Angles
4.	1200	Unusual Human Behavior Analysis Using the Deep Learning
5.	398	Camera and LiDAR Integration for Lane-Following and Obstacle Avoidance in Self-Driving Cars
6.	447	Deep Learning Based Foreign Object Debris (FOD) Detection on Runway
7.	116	Quantum Inspired Image Classification: A Hybrid SVM Framework
8.	ST 03	Feature Extraction of Unprinted Fabric for defect detection using Gabor Filter, HOG and SVM
9.	ST_04	Boosting Wavelet-Based Image Fusion using Equal Weighted Average of DSIHE and CLAHE

	Technical Oral Presentation session 21: Image & Signal Processing	
	Session Coordinator: Dr.Vineeeta Philip(7620086020) Ms. Sayali Aditya Belhe (9766937515)	
	External Session chair: Dr. Varsha Harpale(9226772743)	
	Link : http://tinyurl.com/Day-2-Session-21-ISP	
	I Time : 3pm to 5pm	

Sr. No.	Paper ID	Title
1.	1196	Face Recognition Based On Fusion Feature Extraction Algorithms
2.	1298	Optimizing Respiratory Assessment with Advanced Photoplethysmography Techniques
3.	642	Security Camera with Frame Detection
4.	1192	Identification of Nutrient Deficiency Based on Leaf Image Data Using Machine Learning
5.	1240	Accurate Classification of Tessellated Retinal Disease with Deep Learning Model
6.	932	Ecological Surveillance and Crisis Management: Forest Fire Prediction and Species Identification

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colspan	Technical Oral Presentation session 22:Special session

Technical Oral Presentation session 22:Special session
Session Coordinator: Dr. Yogesh Pralhadrao Patil (9421051726)　　　Ms. Madhuri Bhagwanta Thorat (8408899553)
External Session chair : Dr. Garima Chopra (7780982388) Dr. Suhaib Ahmed (9018807158)
Link : http://tinyurl.com/Day-2-Session-22-SPS
| Time : 3pm to 5pm

Sr. No.	Paper ID	Title
1.	GC_30	Semantic Text Representation for Improved Machine Learning in Information Retrieval
2.	GC_31	Cross-Domain Text Classification: Transfer Learning Approaches
3.	GC_35	Sentiment Analysis in Social Media: A Machine Learning Perspective
4.	GC_36	Natural Language Processing for Text Mining: Leveraging Linguistic Features for Classification
5.	GC_37	Exploring Machine Learning's Role in Intrusion Detection Systems for Network Security
6.	GC_42	Alzheimer Disease Progression Forecasting: Empowering Models through hybrid of CNN and LSTM with PSO optimization
7.	GC_50	Optimizing breast cancer prediction : a multimodal dataset apporach with xgboost
8.	GC_54	Fine-Tuning ResNet50 for Land Use and Land Cover Classification in the Philippines

Day 3 Date :7th March 2024, Thursday

Technical Oral Presentation Session 23: Internet of Things (Offline)
Session Coordinator: Ms.Reshma Yogesh Totare (9860479570)　　　Mrs. Ravina Haribhu Malshikare
(9767229736) External Session chair:Dr. Pratap S. Vikhe (9226271070)
Room No 117 Time: Time : 10am to 12 pm

Sr. No.	Paper ID	Title
1.	1213	IoT Image Security Using DNA Technique
2.	789	EcoSprout Machine Learning-Powered Smart Sprinkler System
3.	759	Usability - A Key to Security and Utility: Case of Core Banking System
4.	903	GIS-GNSS Integrated Cost Efficient Static Monitoring System
5.	1108	Investigation of Methods to Improve the Performance of Frequency Reconfigurable Antenna for Future Wireless Communication
6.	870	SensorNet-Cipher: A Lightweight Protocol for Security in Resource-Limited Networks
7.	50	Real-time Data Visualization for the IOT Application using Tableau Platform

ESCI 2024 Programme Schedule

Technical Oral Presentation Session 24: Image & Signal Processing		
Session Coordinator: Dr. Shobha Sachin Nikam (9860709687) Ms.Prajwal Sopan Gaikwad (9762023200) External Session chair: Dr. Monali Choudhary(9867550252) Link : http://tinyurl.com/Day-3-Session-24-ISP | Time : 10am to 12 pm		
Sr. No.	**Paper ID**	**Title**
1.	672	Steganography in the Quantum Era
2.	814	Machine Learning in Agriculture: A Land Data Approach to Optimize Crop Choice with the LAGNet Model
3.	54	Exploring Hand Gesture Recognition Techniques for Enhanced Control of Bionic Hands
4.	81	Advancements in Image Caption Bots: A Deep Learning Approach
5.	335	Application of YoloV5 for Brain Tumor Detection from MRI

Technical Oral Presentation Session 25: Image & Signal Processing		
Session Coordinator: Dr. Hemangi Deepak Shinde(9822956263) Ms.Sonali Bhimaji Kanawade (9881766222) External Session chair:Dr. Rupali Patil (9820993651) Link : http://tinyurl.com/ESCI-24-Day-3-Session-25- ISP Time : 10am to 12 pm		
Sr. No.	**Paper ID**	**Title**
1.	249	Brain Tumor Detection Using Deep Learning(CNN)
2.	191	Enhancing Rice Leaf Disease Classification: A CNN-SVM Approach
3.	188	Precision Diagnosis of Wheat Powdery Mildew Using CNN and Random Forest
4.	125	Examine the incorporation of Integration of Imaging Data for Orthodontic Prediction
5.	138	Contactless heart rate detection using Eulerian Video Magnification
6.	109	Comparative Analysis of Machine Learning and Deep Learning Approaches for Multiclass Identification and Classification of Alzheimer's Disease

ESCI 2024 Programme Schedule

Technical Oral Presentation Session 26: Image & Signal Processing		
Session Coordinator: Dr. Manisha Rakesh Raghuvanshi (8989872278) Ms.Varsha Kiran Patil (9325643275) External Session chair:Dr. Vandana Hanchate (9860059822) Link : http://tinyurl.com/ESCI-2024-Day-3-Session-26-ISP	Time : 10am to 12 pm		
Sr. No.	Paper ID	Title
1.	193(127)	Defect Inspection of Coated CFRP Structural Based on Microwave Split Ring Resonator
2.	136	Innovative Attendance Tracking: Facial Recognition
3.	48	Criminal Recognition System
4.	89	Yoga Pose Recognition using Deep Learning
5.	20	Advanced Driver Assistance System(ADAS)
6.	99	Sign Language Gestures Recognition using CNN and Inception v3

Technical Oral Presentation Session 27 :Special Session		
Session Coordinator: Dr.Pramod Ganesh Musrif(Joshi) (9552546729) Ms.Pragati Prashant Mahale (9405371647) External Session chair: Prof. Saikumar Tara (9849702404) Link : http://tinyurl.com/ESCI-24-Day-3-Session-27-SPS Time:10.00 AM to 12.00 PM		
Sr. No.	Paper ID	Title
1.	ST_06	Human Activity Recognition: Three Age Groups and Six actions
2.	ST_O2	Code-Mixed Sentiment Corpus of Customer Reviews in Malayalam and English for Enhanced Local Market Analysis in India
3.	VY_16	SipSmart: Elevating Palates with Machine Learningfor Wine Quality Prediction
4.	EP12	A Circularly Polarized 2x2 Element MIMO Antenna with Dual Band for V2X Applications
5.	RC_13	Non-invasive Detection of Oral Cancer through a Microfluidic Biosensor using Salivary Interleukin-8 as a Biomarker
6.	SH_01	A Novel Approach using Feature Fusion for Android Malware Detection and Classification

ESCI 2024 Programme Schedule

	Technical Oral Presentation Session 28: Internet of Things

Session Coordinator: Dr.Badri Naryan Mohapatra (8956603781) Ms. Minal Abhijeet Zope (9970098042) External Session chair:Dr. Mukesh Ghogare (9422230089)
Link : | http://tinyurl.com/ESCI-24-Day-3-Session-28-IOT
Time: 10.00 AM to 12.00 PM

Sr. No.	Paper ID	Title
1.	1334	Image Encryption and Decryption Based on 3D Chaos Maps and DNA Encoding
2.	1348	Artificial Intelligence Based Deep learning Surrogate Model for Design Optimization of Microstrip Frequency Selective Surface
3.	133	Development of Energy Optimizing Meter for Web monitoring and control of Home Application
4.	147	Development of LiFi System for Communication and Control in Hilly Regions
5.	14	LPG transport tracking and leakage detection with accident prevention alert system
6.	118	Road Surface Data Acquisition and Monitoring System
7.	92	Integrated Healthcare System for Saline Monitoring, Patient Communication, and Heart Disease Prediction using IoT and Machine Learning Algorithms

	Technical Oral Presentation Session 29: Smart Computing

Session Coordinator: Dr.Vandana Vishwanathrao Kale (9822623780) Ms. Bhagyashree Dagadu Lambture (8208863705)
External Session chair:Dr. Shrikant Bhopale (9834122750)
Link: http://tinyurl.com/ESCI-2024-Day-3-Session-29-SC
Time : 10.00 AM -12.00 PM

Sr. No.	Paper ID	Title
1.	1028	Effect of Monetary Policy on Economic Growth: An Ordinary Least Square Approach
2.	1217	SE-VGG16 MaizeNet: Maize Disease Classification Using Deep Learning and Squeeze and Excitation Attention Networks
3.	1227	Re-cognition I: An Inspection of Learner's Cognitive Well-Being, Pursuant to Contemporary Period, Facilitates the Academic Life Cycle
4.	41	Reducing Gender and Ethnicity Bias In Personality Trait Prediction
5.	38	ONU: A Reinforcement Load Balancing Approach for Resource-Aware Task Allocation in Distributed System

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Technical Oral Presentation Session 30: Smart Computing

Session Coordinator:Dr. Ashapana Dilavar Shiralkar (9763793499)   Ms. Reshma Rajanand Owhal(8149869323)
External Session chair:Dr. Bhavana Kanwade (9881410288), Dr. Suhas Patil (8767600568)
Link: http://tinyurl.com/ESCI-2024-Day-3-Session-30-SC
Time : 10.00 AM -12.00 PM

Sr. No.	Paper ID	Title
1.	493	Software Defect Prediction by Logistic Regression with Gradient Descent Cost Computation
2.	350	Sentiment Analysis from Reviewer's comments from E-Commerce sites Using A Natural Language Processing
3.	239	Identification of Sign Language Alphabets on Static Images Using Deep Learning
4.	346	Enhancing Swipe Typing with Gated Linear Transformer
5.	223	Comparative Analysis of Outlier Elimination Algorithms on Pulsar Stars Dataset
6.	171	Accurate Medicine Recognition and Audio Conversion for Handwritten Prescriptions

Technical Oral Presentation Session 31 : Special Session

Session Coordinator: Dr. Shagufta Mohammad Sayeed Sheikh (9689993993) Ms. Supriya Kumar More (9158769054)
External Session chair:Dr. Rajesh Kumar Kaushal (9888755130) and Dr. Naveen Kumar (9467377281/7009600929)
Link : http://tinyurl.com/ESCI-2024-Day-3-Session-31-SPS
Time:10.00 AM to 12.00 PM

Sr. No.	Paper ID	Title
1.	RK_03	Convergence of Blockchain and Internet of Things Using Hyperledger Fabric
2.	Rk_07	Fraud Detection and Prevention for a Secure Financial Future Using Artificial Intelligence
3.	Rk_08	Artificial Intelligence-Based Forecasting Market Trends and Guiding Investment Decisions
4.	Rk_10	AI Personalizing Training and Reskilling Employees for the Digital Age
5.	Rk_11	Artificial Intelligence with Streamlining Payments and Lending For a Simpler Financial Ecosystem
6.	SR_07	Energy Aware IRS-Aided Wireless Network for Next-Generation IoT
7.	SH_19	Redefining Security: Unveiling the Vulnerabilities of Captcha Mechanisms using Deep Learning

LUNCH BREAK 1.00 PM-2.00PM
VALEDICTORY 2.00 PM- 3.00PM (IST)
Link : http://tinyurl.com/ESCI-2024-Day-3-Valedictory

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Inauguration Function

Inauguration Of ESCI- 2024 : Lamp lightning

ESCI-2024 is the platform where academics and industry researchers present their latest algorithms, models and technologies and explore new trends and ideas on smart computing and informatics. The aim of this conference is to provide an allied platform for emerging trends in smart computing, networking, communication, signal and image processing, cyber security and IoT. The key intention is to provide an opportunity for the global participants to share their ideas and experiences in person with their peers expected to join from different parts of the world. In addition to this, the gathering will help the delegates to establish research environment as well as to find the international linkages for future collaboration in their career path. The conference focuses on various modernization and innovation paradigms that may be applied to present practical and creative solutions to diverse issues in society, industry and environment.

The three-day conference from 05ᵗʰ to 07ᵗʰ March 2024 was inaugurated by the chief guest of the program Padmashri Dr. Deepak Dhar , Distinguished Professor Emeritus and NASI-Senior Scientist, 2023 Padma Vibhushan Awardee. The challenges faced in these areas and data privacy should be addressed. Such a multi-faceted conference makes it possible." He congratulated 'AISSMS IOIT' for organizing such a wonderful conference consecutively for sixth year in a row through hybrid platform and wished the best for it. President of the program, Honorable secretary AISSM Society Shri. Malojiraje Chhatrapati on behalf of AISSM Society sent a greeting message to the guests and attendees and wished the conference a grand success.

Dr.P.B.Mane Principal of AISSMS IOIT highlighted the reasons for organizing the conference and threw light on the proceedings of the conference he said that budding engineers should take the benefit of such conferences to encourage knowledge sharing and be enlightened about innovative ideas.At the time of inauguration Honorable guests and keynote speakers Dr.EKkarat Boochieng, Associate Professor, Chiang Mai University, Thailand, AISSMS Treasurer Mr. Ajay Patil, IEEE Pune Division and IEEE Pune section Vice President Mr.Amar Buchade were present. Technical program chair Dr.Minakshi Thalor shared that the conference has received overall 1457 papers out of which 326 research papers were selected post the scrupulous checking of authenticity of the research. Dr.Suresh Limkar anchored the function while organizing chair Ms. Saba Shaikh presented the vote of thanks.

<div style="text-align:center; background:#4472C4; color:white;">Technical Summary</div>

ESCI2024 is a three-day conference that was organized to provide a platform for researchers, academicians, and industry professionals to share their research findings and experiences. The conference had three main tracks: Smart Computing, Internet of Things, and Image and Signal Processing. Additionally, 30 special sessions were also conducted in collaboration with renowned universities across India. This report provides an overview of the conference, including paper submissions, review process, acceptance rates, and key statistics.

Paper Submissions:

The conference received an overwhelming response, with 1457 paper submissions from researchers across the globe. Of these, 13 papers were submitted from other countries like USA, UK, UAE, Japan, and many more. The majority of papers, 97 to be precise, were received from Maharashtra, India. The paper submissions were scanned using the IEEE Crosscheck Plagiarism tool, and papers with less than 30% plagiarism and single source similarity of less than 10 were processed for review.

Review Process:

The Technical Program Committee (TPC) members coordinated the overall process of paper submission and resubmission on Microsoft CMT. They also responded to queries from each author during the submission process, coordinated with the Plagiarism checking team and track chairs for the review process, and released the acceptance notifications on time. The review process followed the IEEE policy for plagiarism checking. Papers with plagiarism between 30 to 50% were asked for resubmission, and papers with more than 50% were desk rejected. Papers that passed plagiarism checking were forwarded to the respective track chairs for initial screening. Each paper was assigned two external reviewers, and in case of a tie in the decision of external reviewers, a third external reviewer was assigned to get a clear decision. All authors of rejected papers were notified by the track chair.

Track Acceptance Rates:

The Smart Computing track, handled by Dr. S.N. Zaware and Dr. A.S.Chavan, received 631 paper submissions, of which 109 were finally accepted. The Internet of Things track, handled by Dr. A.A. Shinde and Dr. V.V. Kale, received 285 paper submissions, of which 83 were accepted after the final screening. The Image and Signal Processing track, handled by Dr. M.P. Sardey and Dr. N.S.Warade, received 301 paper submissions, of which 92 were finally accepted. The special sessions, coordinated by Mrs. K.S. Gadgil and Mrs. V.A. Yawale with their team, received 240 paper submissions, of which 40 were finally accepted.

Acceptance Rates:

Out of the 1457 paper submissions, the TPC team released the acceptance notification for 326 papers. A total of 193 papers were registered successfully with the active involvement of the registration team. The acceptance ratio of ESCI2023 is 22.37%.

Post-Conference:

All accepted and presented papers will be forwarded for inclusion in the IEEE Xplore digital library (indexed by Scopus) with the support of the Publication team.

Pre-Conference Tutorials and Keynote Sessions:

The conference had six pre-conference tutorials on 4th march 2024, and five keynote sessions were organized during the three days of the conference.

Paper Summery	
Total Papers submission	1457
Accepted papers	326 (Acceptance ratio:22.37%) _
Registered papers	193
Papers from abroad	13
Papers from India	180
Papers outside Maharashtra	97
No. of special sessions	14
Total no. of papers received through special sessions	340
Papers registered through special sessions	30
Session Summery	
No. of paper presentation sessions	31
Keynote sessions	4
Tutorial sessions	6
No of participants for sessions	650

Preconference Tutorial

Pre-Conference Tutorial		
Topic- Latest trends and real-world applications of IOT & IOT Security	**Speaker(With designation)-** Mr.Sudhir M. Gorade Chief Growth Officer, Sumago Infotech Pvt. Ltd.,Pune Mr.Amit Saxena, Senior Advisor and Consultant Sumago Infotech Pvt. Ltd.,Pune	
Day-Monday	**Date-**04/03/2024	**Time-**10.00 am to 12.00 pm
Coordinators-Reshma Y. Totare	**Link-** Offline	

Abstract of Session/keynote/Special session/tutorial -

Mr. Amit Saxena's enlightening lecture on IoT provided students with a comprehensive journey through the evolution of industries, from 1.0 to the groundbreaking Industry 4.0. He adeptly traced the transformation of manual labor to the integration of augmented and virtual reality, showcasing the pivotal role played by technologies like M2M, PLC, and SCADA in the realm of IoT and IIOT.

Over the span of 5-10 years, sir delved into the dynamic evolution of technologies, elucidating the shifts in data transfer methodologies towards the Cloud, facilitated by the seamless integration of sensors and IoT devices. A key takeaway resonated with the students as speaker emphasized that Industry 4.0 represents a revolutionary phase for the industrial landscape.

The lecture continued to unfold the intricacies of the Internet of Everything (IOE), providing real-world insights backed by statistics from reputable sources such as WEF and ORACLE. The practical applications of IoT, ranging from smart cities to Project Management and (PMC) information systems, were elucidated, offering students a tangible understanding of its impact.

The discourse didn't shy away from addressing the significance of IoT and its potential future threats. A deep dive into the need for cyber security in the evolving landscape highlighted the critical importance of safeguarding interconnected systems.

In conclusion, lecture left students enriched with newfound knowledge, offering them a fresh perspective on IoT and its vast implications on industries and society at large. The integration of historical context, technological advancements, and real-world applications provided a holistic understanding of the subject matter, empowering students to navigate the future with a keen awareness of the transformative power of IoT.

Total No.of Participants-100

4 Photos with details below

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Inauguration and introduction of speaker

Felicitation of the speaker

Session proceedings

Interaction and Q&A Session

Pre Conference Tutorial Coordinator
Reshma. Y. Totare

Topic- Engineering Systems as AI Data Source		Mr Kishore Ingale Asst GM TCS
Day- Monday	Date: 04.03.2024	Time : 10:00 to 12:00 Noon
Coordinators- Prof. Venkat N Ghodke	Link- Offline Class Room 305	

Abstract of Pre conference tutorial talk

The tutorial session explored the vast potential of data generated by engineering systems as a valuable source for powering AI. The session highlighted the diverse data generated across various engineering domains, including sensor readings, operational logs, and performance metrics.
Strategies for extracting relevant data were discussed, emphasizing the importance of data quality. For analyzing data with the help of AI on production processes to identify inefficiencies and suggest adjustments for resource utilization. AI algorithms can identify unusual patterns in sensor data, indicating malfunctions, vast amounts of design data to optimize designs for specific criteria, such as strength, cost-effectiveness.

The session concluded with a discussion on the ethical considerations surrounding the use of engineering systems data for AI. The future directions in this field, including facilitating easier data exchange and collaboration between different engineering systems and AI models, ensuring responsible and trustworthy use of AI in development of security. Practical examples of how AI empowered by engineering system data, is revolutionizing various industries, from predictive maintenance and design automation.

Engineering systems stands as offering an invaluable source for AI Innovations and shaping the future of various engineering practices. Generation of AI solutions.

4 Photos with details below

Group photo of pre-conference tutorial talk on Engineering systems as a AI data source

Felicitations of Mr. Kishore Ingale from TCS by Dr M.P.Sardey (HOD E&TC)

Pre Conference Tutorial Coordinator
Prof Venkat N Ghodke
Assistant Professor –E&TC Engineering

Session/keynote/Special session/Pre-conferenceTutorial		
Topic- Revolutionizing Electrical Engineering with AI-ML & Exploring Potential of Gen AI	**Speaker(With designation)- Gajanan N. Bejgamwar. Manager Supply Chain Analytics & Optimization, TCS, Pune**	
Day- Monday	**Date- 04/03/2024**	**Time- 10.00 am- 12.15 pm**
Coordinators-Mrs. Landge S S	**Link- Offline session**	

Abstract of tutorial -

The speaker explained-
- Machine Learning, the use of AI machine learning in day to day life like it's use in Cross sale, Personalized Experience, Product Recommendation etc.
- Types of Data- Supervised – Unsupervised Learning
- Regression Modeling
- Domain expertise is essential in AI-ML
- Helps in understanding the specific domain or industry
- Data preparation: They have a better understanding of the data sources
- Feature engineering: Domain experts can provide insights into which features are important
- Model selection: Help in selecting the appropriate AI-ML algorithm. Provide guidance on how to tune the parameters
- Interpretability: Help in providing insights into the underlying reasons for the predictions
- Evaluation and validation: Suggest improvements to the model to ensure that it is accurate and reliable.
- Data Science Skills- Programming: R, Python, SQL, SAS, MATLAB
- Data Wrangling: Cleaning, Manipulating, and Exploring Data
- Data Visualization: Creating graphs and charts to visualize data
- Data Analysis: Conducting statistical analyses of data
- Machine Learning: Building algorithms to learn from data

AI-ML use cases relevant to electrical-
1) Power Systems Data:
Dataset: Load demand data from power grids, including historical electricity consumption.
AI-ML Use Case: Time series forecasting to predict future electricity demand, aiding in efficient resource allocation and grid management.

2) Fault Detection and Diagnosis:
Dataset: Fault data from electrical systems, including information about anomalies, failures, and sensor readings.
AI-ML Use Case: Anomaly detection algorithms to identify and diagnose faults in power systems, reducing downtime
and improving maintenance strategies.

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3) Energy Efficiency Optimization:

Dataset: Sensor data from electrical devices measuring voltage, current, and power consumption.
AI-ML Use Case: Optimization algorithms to analyze energy usage patterns and suggest strategies for improving energy efficiency in industrial or residential settings.

4) Predictive Maintenance:

Dataset: Sensor data from motors, generators, and other electrical equipment, including temperature, vibration, and current measurements.

AI-ML Use Case: Predictive maintenance models to forecast equipment failures and schedule maintenance activities proactively, minimizing downtime and repair costs.

5) Smart Grid Management:

Dataset: Smart meter data collected from households or commercial buildings, providing detailed electricity consumption patterns.

AI-ML Use Case: Demand forecasting algorithms to predict future energy consumption, enabling utilities to optimize grid operations and plan for peak demand periods.

6) Renewable Energy Integration:

Dataset: Solar and wind power data, including measurements of solar radiation, wind speed, and power output.
AI-ML Use Case: Renewable energy forecasting models to predict solar and wind power generation, facilitating the integration of renewable energy sources into the grid and improving grid stability.

Total No. of Participants- 95
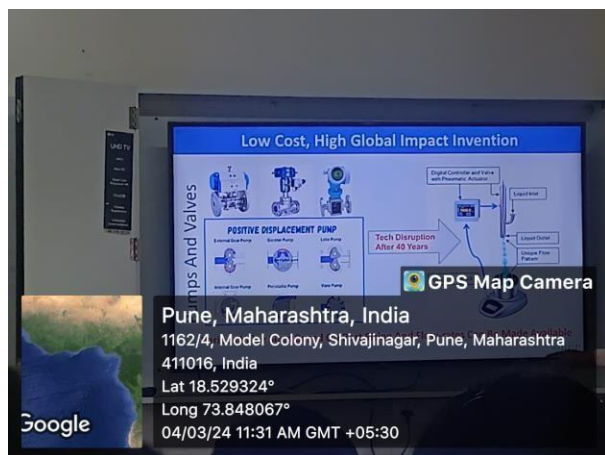
Photos with details

Mr. Gajanan Bejagamwar conducting tutorial session on topic Revolutionizing Electrical Engineering with AI-ML & Exploring Potential of Gen AI

Pre Conference Tutorial Coordinator- Mrs. Landge S. S.

<table>
<tr><td colspan="3" align="center">Pre-conferenceTutorial</td></tr>
<tr><td colspan="2">Topic-Industrial valves and new technology innovations</td><td>Speaker(With designation) Mr.Satish Pathak, Founder, Executive Director, Samiep Technology innovations Pvt. Ltd, Pune</td></tr>
<tr><td>Day- Monday</td><td>Date-04/03/2024</td><td>Time: 09:30 to 12:00pm</td></tr>
<tr><td>Coordinator-
Dr. Vandana V. Kale</td><td colspan="2">Link/Room No- 704</td></tr>
</table>

Abstract of Session/keynote/Special session/tutorial -

Industrial valves play a crucial role in regulating the flow of fluids and gases in various industrial processes. This abstract explores different types of industrial valves and the factors involved in their selection process.

The types of industrial valves discussed include:

1. Gate Valves: These valves control the flow of fluids by raising or lowering a gate or wedge within the valve body.
2. Ball Valves: Featuring a spherical closure unit, ball valves offer quick on/off control with minimal leakage.
3. Butterfly Valves: These valves use a disc mounted on a rotating shaft to control flow, offering compact design and quick operation.
4. Check Valves: Designed to prevent reverse flow, check valves allow fluid to flow in only one direction.
5. Globe Valves: Globe valves regulate flow via a movable plug or disc that seats against a stationary ring.
6. Diaphragm Valves: These valves use a flexible diaphragm to regulate flow, making them suitable for controlling corrosive or abrasive fluids.
7. Plug Valves: Plug valves feature a cylindrical or conical plug that controls flow by rotating within the valve body.

The selection process for industrial valves involves considering several factors such as:

- Application Requirements: Understanding the specific requirements of the industrial process, including pressure, temperature, and flow rate.
- Fluid Characteristics: Analyzing the properties of the fluid being controlled, including corrosiveness, viscosity, and particulate content.
- Valve Material: Selecting appropriate materials compatible with the fluid and environmental conditions to ensure longevity and reliability.
- Operational Conditions: Considering factors like frequency of operation, maintenance requirements, and safety considerations.
- Cost and Lifecycle Analysis: Evaluating the initial cost, maintenance expenses, and expected lifespan of the valve to determine the most cost-effective solution.

In conclusion, the selection of industrial valves involves a comprehensive evaluation of various factors to ensure optimal performance, reliability, and safety in industrial processes. Understanding the characteristics and functionalities of different valve types is essential for making informed decisions in valve selection.
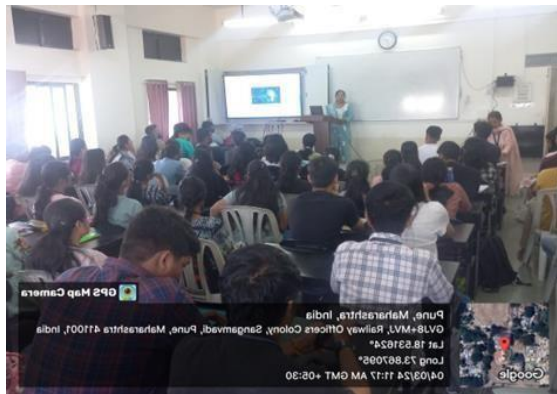
Total No. of Participants- 82 (SY-53, TE-27, BE-02)

Dr. Vandana V. Kale
Pre Conference Tutorial Coordinator

Dr.A.A.Shinde
HOD

Session/keynote/Special session/Pre-conferenceTutorial		
Topic- Machine Learning Role in Revolutionizing the IT Landscape: Applications and Future Prospects	**Speaker(With designation)** **Shailaja Bhadgaonkar**, Assistant Vice President,Deutsche Bank	
Day- Monday	**Date:** 4/03/2024	**Time :10am to 12pm**
Coordinators- Shilpa Pimpalkar	**Link-Offline in 505**	

Abstract of Session/keynote/Special session/tutorial –
During session following points covered by the resource person :

Introduction to Machine Learning (ML) in the IT Landscape
Fundamentals of ML Algorithms and Techniques
Application of ML in Cybersecurity: Threat Detection and Prevention
ML for Data Analytics: Predictive Analytics and Pattern Recognition
Automation and ML: Streamlining IT Operations and Workflows
Natural Language Processing (NLP) and ML: Enhancing Communication and Interaction
ML in Resource Optimization: Cloud Computing and Infrastructure Management
Case Studies: Real-world Examples of ML Implementation in IT
Future Prospects of ML in IT: Self-learning Systems and Autonomous Infrastructure
Conclusion: The Transformative Impact of ML on the IT Industry and the Path Forward

Total No.of Participants- 120

4 Photos with details below

Pre-conferenceTutorial		
Topic- NLP and Gen AI	**Speaker: Mr. Adish Apte**	
	(AVP – Product Engineering | LTIMindtree)	
Day-Monday	**Date: 04/03/2024**	**Time: 10.00-12.00 pm**
Coordinators-Ms. Swati Kadu	**Link- Offline session**	

Abstract of tutorial -

- Natural Language Processing (NLP) and Generative Artificial Intelligence (Gen AI) are two interconnected fields within artificial intelligence (AI) that have gained significant attention and advancement in recent years.

- Quick overview of the field of AI and then getting into application of AI to sequence data (language, music, video etc). With a more industry specific view and emphasis on how to leverage this radical innovation of Large Language (now multi modal) Models for industry solves.

- Innovations in natural language processing, dialogue systems and the creation of creative material have resulted from the convergence of NLP and generative AI. More complex and contextually aware interactions between machines and humans are now possible thanks to recent developments in models like GPT (Generative Pre-trained Transformer), which have shown amazing abilities in natural language processing and generation.

- These domains are still developing quickly because of increased access to bigger datasets, better algorithms, and continuous study. The combination of natural language processing (NLP) and generative artificial intelligence (AI) has enormous potential for a variety of uses, including improving human-machine communication, producing original content, and expanding the capabilities of AI.

Total No. of Participants/Attendees- 180

4 Photos with details below

Felicitation of Guest speaker

Engaging session and fruitful discussions

Pre Conference Tutorial Coordinator: Ms. Swati D. Kadu

Expert Talk	
Topic- IEEE Authorship	**Speaker(With designation)** Mr. Dhanu Pattanashetti, Senior Client Services Manager IEEE, Bangalore, India
Day- Tuesday	**Date:** 5/03/2024 **Time :1pm to 2pm**
Coordinators- Dr. Shobha Nikam	Link-Offline in Room No.:407

Abstract of Session/keynote/Special session/tutorial –
During session following points covered by the resource person :

The expert talk on IEEE authorship provided valuable insights into the guidelines and best practices for publishing in IEEE (Institute of Electrical and Electronics Engineers) journals and conferences. IEEE, as a premier organization in the field of engineering and technology, sets rigorous standards for authorship, ensuring quality and integrity in scholarly publications.

Key Points Discussed:

Understanding IEEE Authorship Guidelines:

The presentation began with an overview of IEEE's authorship guidelines, emphasizing the importance of adherence to ethical standards, including originality, plagiarism avoidance, and proper citation practices.
Discussion on the significance of authorship criteria, including substantial contributions to research conception, design, data analysis, and manuscript drafting.
Navigating the Publication Process:

Detailed explanation of the publication process within IEEE, covering manuscript submission, peer review, revisions, and final publication.
Insights into the importance of selecting the appropriate IEEE journal or conference based on the scope of the research and target audience.
Ethical Considerations and Copyright Issues:

Addressing ethical considerations such as dual submission, conflicts of interest, and proper attribution of sources.
Discussion on copyright policies and authors' rights, including understanding the IEEE Copyright Form and options for Open Access publication.
Tips for Successful IEEE Authorship:

Practical tips for authors to enhance the quality and impact of their submissions, including thorough literature review, clear and concise writing, and adherence to IEEE formatting guidelines.
Strategies for effectively responding to reviewer comments and revising manuscripts for publication.
Resources and Support for Authors:

Highlighting available resources and support mechanisms provided by IEEE, such as author
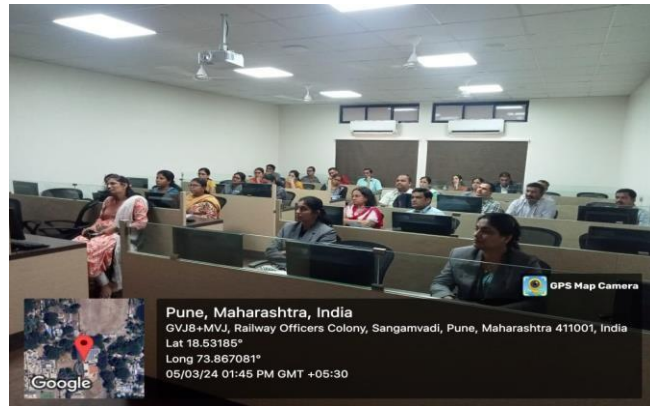
guidelines, templates, and online tutorials.

Encouraging engagement with IEEE communities, including networking opportunities and participation in conferences and workshops.

Conclusion:

The expert talk on IEEE authorship provided attendees with a comprehensive understanding of the principles, processes, and best practices for publishing in IEEE journals and conferences. By adhering to ethical guidelines, understanding the publication process, and implementing effective strategies, authors can maximize the impact of their research contributions within the IEEE community and beyond.

Also he felicitated 4 women (Dr. Ashpana Shiralkar, Dr. Meenakshi Thalor, Dr. Sarika Zaware, Mrs. Vaishali Kulkarni) in AISSMS for contribution in IEEE.

Total No.of Participants- 30

Dr. Shobha S. Nikam,

Coordinator, Expert Talk

Keynote Session

Keynote session- 1 (Physical Mode) Hybrid	
Topic- Exploring 5G, AI, and IoT in Smart Hospitals	**Speaker(With designation)** **Dr. Aziz Nanthaamornphong** **Associate Professor,** **Dean at the College of Computing,** **Prince of Songkla University's Phuket campus,** **Thailand.** aziz.n@phuket.psu.ac.th

Day-Tuesday	**Date: 05-03-2024**	**Time: 12.30 pm to 1.30pm**
Coordinators-Ms Saba K M Shaikh	**Venue/Link-Multipurpose Hall** http://tinyurl.com/ESCI-2024-Day-1-Inaugural	

Abstract of Keynote Talk

Dr. Aziz presented a highly informative keynote talk. He discussed the role of smart hospitals in addressing the needs of an aging global population. He also discussed the role of IoT in Smart healthcare. He explained his research in detail highlighting his work done, challenges faced and merits and demerits of the research work done.

There were 110 participants attending this session physically whereas there were 400 participants online.

Thus a total of 510 participants took advantage of this keynote talk.

Dr. Aziz addressing attendees in the Multipurpose Hall.	**Dr. Aziz addressing attendees in the Multipurpose Hall.**

Dr. Aziz addressing the audience	Dr. Aziz addressing the audience

Keynote session- 2 (Physical Mode) Hybrid	
Topic- Combining Several Classification Models with outlier Identification to Classify Diseases in Imbalanced Datasets	**Speaker(With designation)** Dr. Ekkarat Boonchieng ekkarat@ieee.org Associate Professor Department of Computer Science, Chiang Mai University, Chiang Mai, Thailand
Day-Tuesday	**Date: 05-03-2024** Time: 2pm to 3pm
Coordinators-Ms Saba K M Shaikh	**Venue/Link-Multipurpose Hall** http://tinyurl.com/ESCI-2024-Day-1-Keynote-02

Abstract of Keynote Talk
Dr. Ekkarat presented a highly informative keynote talk. He discussed the different classification approaches applied to the Saraphi hospital centre in Thailand. In his research he has used machine learning and deep learning to classify the data to detect dengue, common flu and cold.

There were 112 participants attending this session physically whereas there were 16 participants online.
Thus a total of 128 participants took advantage of this keynote talk.

Mrs. Saba Shaikh introducing Dr. Ekkarat	Dr. Ekkarat presenting the keynote
Faculty and students attending Dr. Ekkarat keynote in offline mode.	Question answer session at the end.

Keynote session – 3 Online Mode	
Topic- **Multimodal Information Processing:** **Some recent NLP applications**	**Speaker(With designation)** **Dr. Sriparna Saha** **Associate Professor** **Department of Computer Science and Engineering,** **Indian Institute of Technology Patna** sriparna.saha@gmail.com
Day-Wednesday	**Date: 06-03-2024**	**Time: 12.00 pm to 1.00pm**
Coordinators-Ms Saba K M Shaikh	**Venue/Link- online** http://tinyurl.com/ESCI-2024-Day-2-Keynote-04	

Abstract of Keynote Talk

Dr. Saha discussed how the multimodal information extracted from different modalities can help in improving different tasks of dialogue systems, summarization, hate speech detection, and complaint mining. Multimodal information collected from audio tones, facial expressions, and texts is utilized for determining the type of utterance in a multitask setting where emotion recognition and dialogue act classification tasks are solved simultaneously. Multimodal information collected from videos, images, and texts can also be utilized for generating a summary. Images and texts collected from Amazon reviews are utilized for developing some aspect-based multimodal complaint detection systems in a multi-task setting where sentiment and emotional information are utilized as auxiliary tasks. Memes collected from social media are utilized for the detection of hate speech in a multitasking setting where sentiment, emotion, and sarcasm detection are utilized as auxiliary tasks. This talk highlighted the different applications of multimodal information processing in solving different NLP tasks.

There were around 248 participants online.
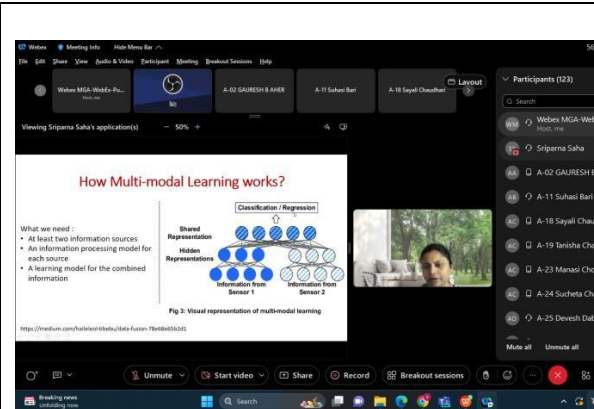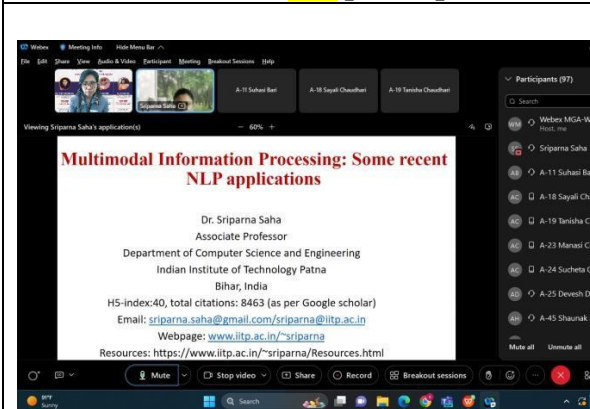
Screenshot of introduction of Dr. Saha by Mrs. Saba Shaikh.	**Dr. Saha explaining working of Multi modal learning**
Dr. Saha proposing her research methodology	**Group photo taken after the completion of the session.**
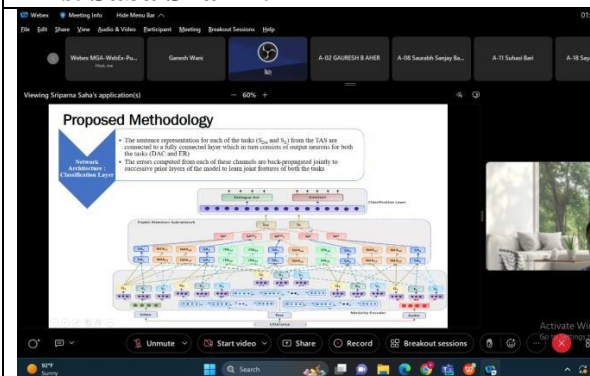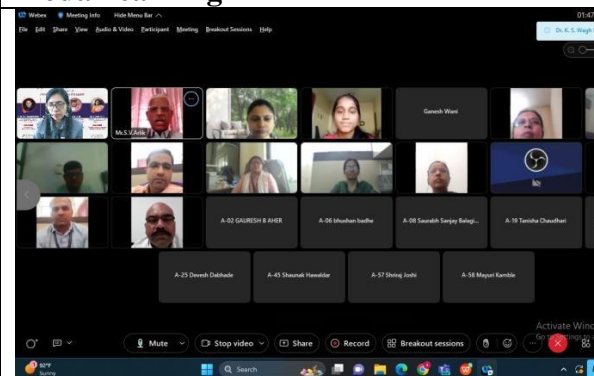
63

Keynote session 4 – Online Mode	
Topic- The AI Revolution: Keynote Insights on Machine Learning and Beyond	**Speaker(With designation)** Dr. Fathe Jeribi Associate Professor, Vice Dean for Academic Affairs, College of Computer Science and Information Technology, Jazan University, Saudi Arabia

Day-Wednesday	Date: 06-03-2024	Time: 12.00 pm to 1.00pm
Coordinators-Ms Saba K M Shaikh	**Venue/Link- online** http://tinyurl.com/ESCI-2024-Day-2-Keynote-03	

Abstract of Keynote Talk

Dr. Fathe Jeribi presented a highly informative keynote talk. He discussed the evolution of Artificial Intelligence. He also provided key insights into machine learning. This session was conducted in Online mode.

There were around 248 participants online.
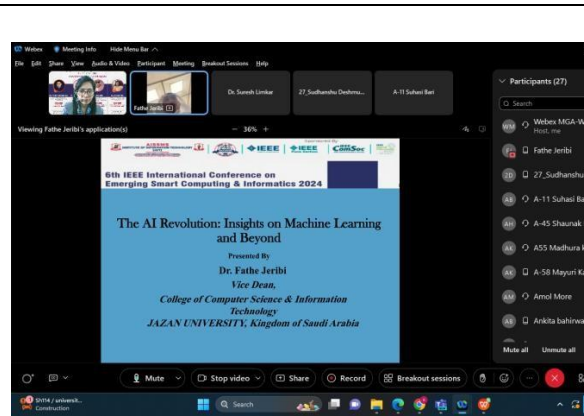
Screenshot of introduction of Dr. Jeribi by Mrs Saba Shaikh.	**Dr. Jeribi explaining evolution of Machine learning**
Dr. Jeribi explaining industry impact of AI	**Dr. Jeribi explaining future possibilities of AI**
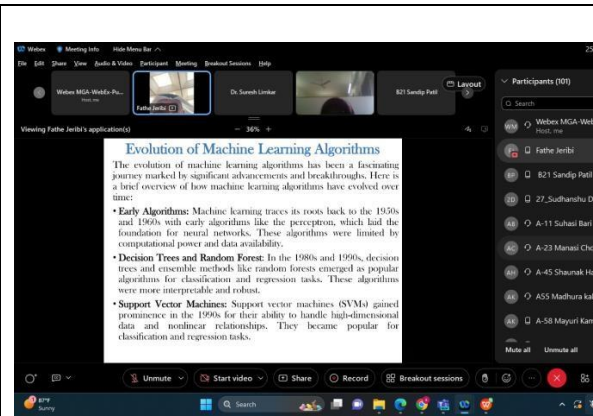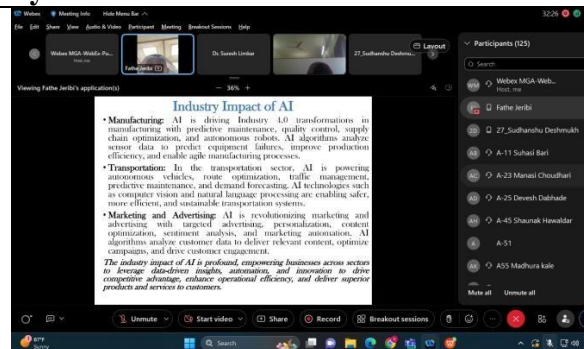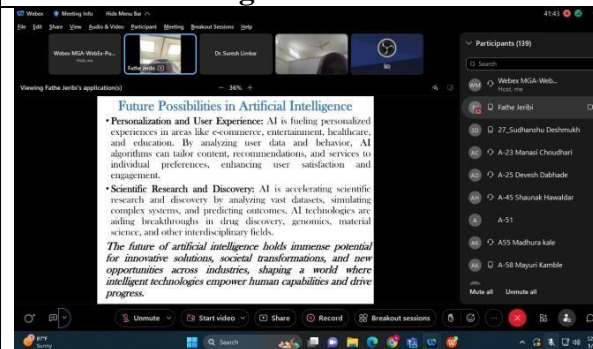
64

<table>
<tr><td colspan="3" align="center">Technical Oral Presentation/ Special Session</td></tr>
</table>

Session-1		
Track - Smart Computing	**Session Chair 1** Dr. Ravneet Kaur Assistant Professor, Chitkara University, Punjab **Session Chair 2:** Dr. S.N Zaware HoD, Computer Engineering AISSMS Institute Of Information Technology, Pune.	
Day: Tuesday	**Date:** 05/03/2024	**Time:** 3.00PM-5.00PM
Session Coordinators- 1. Mr. R.N Jadhav	**Link-** http://tinyurl.com/Day-1-Session-1-SC	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 1 Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 5th March 2024.Total 6 Papers were presented in this session.

Paper ID: 691: A Novel Approach for Congestion and Interference Management through

Channel Assignment Optimization

Paper ID: 796: A Machine Learning Enabled Approach for Mental and Physical Health

Management using OpenCV, NLP and IOT.

Paper ID: 1183: Advancements in Power System Stability: FOPID Control Optimization using

Harris Hawk Algorithms in SMIB Systems

Paper ID: 1359: Deep reinforcement learning in stock trading: Evaluating DDPG and DQN

strategies

Paper ID: 1137: Data-Driven Decisions: A Machine Learning Perspective on Loan

Authorization.

Paper ID: 1039: Automated Detection of Dysgraphia Symptoms In Primary and Middle School

Children

Session Chairs Dr. Ravneet Kaur and Dr.S.N Zaware evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 65
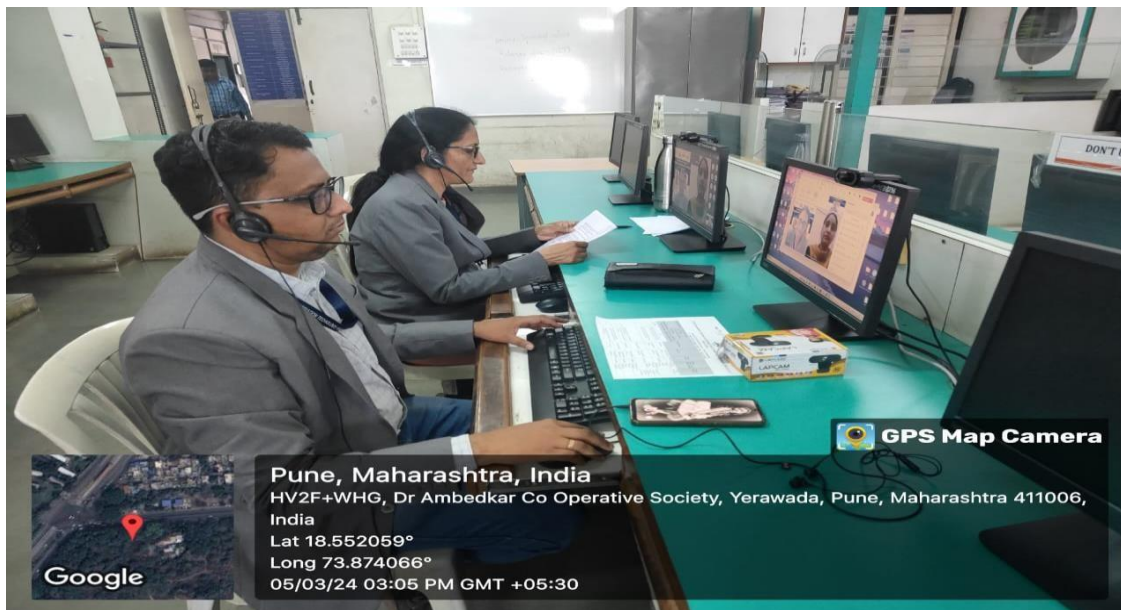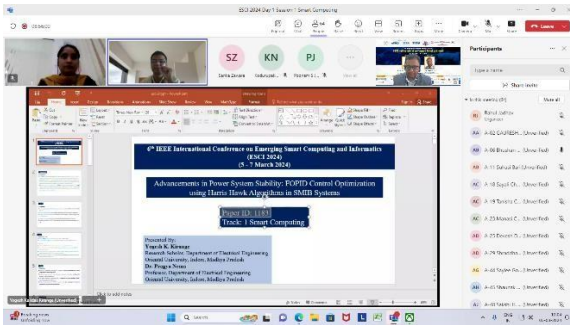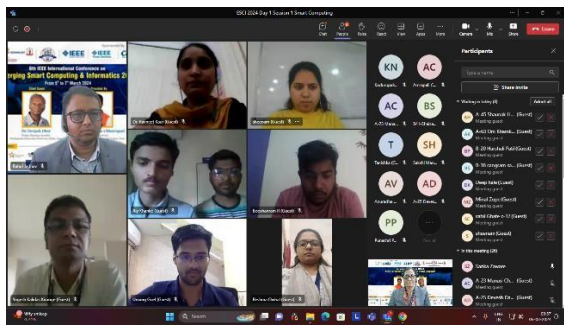
65

Summary of paper presentation

Sr. No	Name of Session/Track	Best Paper Title	Name of Presenter
1	Smart Computing Session-1	Paper ID: 796: A Machine Learning Enabled Approach for Mental and Physical Health Management using OpenCV, NLP and IOT.	Raj Khanke

Session-2	
Track - Image & Signal Processing	**Internal Session Chair :** Dr.Kishor Sadashiv Wagh Associate Professor, Dept. Computer Engineering AISSMS Institute of Information Technology. **External Session Chair :** Dr. Shailesh Hambarde Head, Associate Professor JSPM's Jayawantrao Sawant College of Engineering, Pune

Day: Tuesday	**Date:** 05/03/2024	**Time:** 3.00-5.00 pm
Session Coordinators- 1. Ms. Deepali Yewale	**Link** : http://tinyurl.com/Day-1-Session-2-ISP	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 2: Image & Signal Processing was successfully conducted on the First day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 5th March 2024.

Total 7 Papers were presented in this session.

Paper ID: 877 : Mask Attention-Based Vision Transformer (MA-ViT) for PCB Defect Detection

Paper ID: 1132: Hash Based Secure and Efficient Scaling Approach for Detecting the Diabetic Retinopathy Disorder

Paper ID: 928: Efficient Feature Extraction and Segmentation Methods used in Tuberculosis Detection

Paper ID: 1239: Towards the Development of an Automated Pipeline for Cilia Detection

Paper ID: 687: Neuro-Cognitive Pattern Recognition: Advancements in Memory-Related Disorders Identification

Paper ID: 675: Localization of Dengue Virus Likelihood Using Image Processing Technique

Paper ID: 1196: Face Recognition Based On Fusion Feature Extraction Algorithm

Session Chairs Dr. Shailesh Hambarde evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

Total no. of Participants- 07

Session -3		
Track -Smart Computing	**External Session chair**: Mr. Ranjeet Vasant Bidwe Assistant Professor at Symbiosis institute of technology, Pune	
Day: Tuesday	**Date:** 5/03/2024	**Time:** 3.00 pm to 5.00 pm
Internal Session chair: Dr. Chetan Nimba Aher **Session Coordinator:** Mrs. Mamta Sanjay Koban	**Link-** **Venue/Link** : http://tinyurl.com/Day-1-Session-3-SC Author Feedback Link: https://forms.gle/6epdv6yQJvaT5Z576	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 3: Smart Computing was successfully conducted on the first day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 5th March 2024.

Total 6 Papers were presented in this session.

1. Paper ID: 1147: A Meta-Learner-Integrated Stacking Voting Ensemble Network for Cervical Malignancy Classification
2. Paper ID: 1233: Enhancing Stock Price Prediction with MACD and EMA Features Using LSTM Algorithm..
3. Paper ID: 1269: Blockchain Revolution: A New Horizon for Supply Chain Management in Hotel Industry

4. Paper ID: 943: Performance Analysis of Velostat, Conductive Fabric and Force Sensing Resistor for Incorporating Safety in Women's jacket
5. Paper ID: 1068: A Deep Residual Neural Network for Potato and Pepper Leaf Disease Detection
6. Paper ID: 1023: Applying Transformer-Based Neural Networks to Corpus Linguistic Data for Predictive Text Generation in Multilingual Environments

Session Chair, Dr. Ranjeet Vasant Bidwe evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of the session, the Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session- 04		
Track - Internet of Things	**Session Chair :** Dr. Sheetal Kulkarni Professor, Dept. Computer Engineering Dean Faculty of Engineering and Technology BVCOE, Pune	
Day: Tuesday	**Date:** 05/03/2024	**Time:** 3.00-5.00 pm.

Session Coordinators-
 	
   1. Dr.Rakesh Bapu Dhumale
   2. Shraddha B. Toney
	Link-: http://tinyurl.com/Day-1-Session-4-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 4: Internet of Things was successfully conducted on the first day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 5th March 2024.

Total 7 Papers were presented in this session.

Paper ID: 1346: LoRa-Based Wireless Sensor Network Testbed for Precision Agriculture Application

Paper ID: 1203: Prediction of Human Emotions based on Speech Recognition System.

Paper ID: 1246: Analyzing the Impact of Uncertainties with Fuzzy Logic on Service Composition in Smart Agriculture Applications

Paper ID: 1014: Soil-Borne Pathogens Management in Cloud-Connected Agriculture: An IoT and Decision Tree Algorithmic Approach

Paper ID: 1131: Modelling and Simulation-based Design Approach to Assisted and Automated Driving System Development

Paper ID: 1146: CNN and ANN Based Tool Condition Monitoring in Gear Machining Using Audio and Vibration Signals Via Cost Effective Sensors.

Paper ID: 50: Real-time Data Visualization for the IOT Application using Tableau Platform

Session Chairs Dr. **:** Dr. Sheetal Kulkarni evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 07

Session-5		
Track - Internet of Things	**Session Chair 1** Dr. Vani Hiremani Assistant Professor, Symbiosis Institute of Technology, Pune	
Day: Tuesday	**Date:** 05/03/2024	**Time:** 03.00-05.00
Session Coordinator- 1. Dr. Mayura V. Shelke 2. Ms. Rajshri. N. Malage	**Link-** http://tinyurl.com/Day-1-Session-5-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 5: Internet of Things was successfully conducted on the First day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 5th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 865: AI Lip Reader-Transcribing Speech from Lip Movements.

Paper ID: 611: With You - Indian Sign Language Detection and Alert System.

Paper ID: 399: Distributed MQTT Broker: A Load-Balanced Redis-based Architecture

Paper ID: 684: Game Theory-Based Fastest Route Plan Method for Transportation Network Applications.

Paper ID: 821: Adaptable System for Protecting Inhabitants.

Paper ID: 867: Water Resource Optimization By Using A Hyper Parameter Tuned Lstm Of A Smart Agriculture.

Session Chairs Dr. Vani Hiremani evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 33
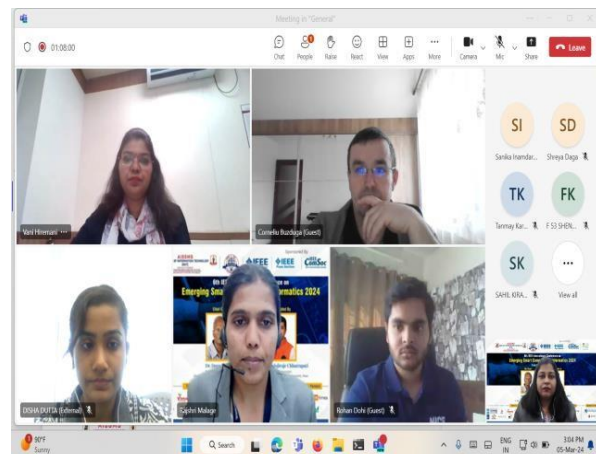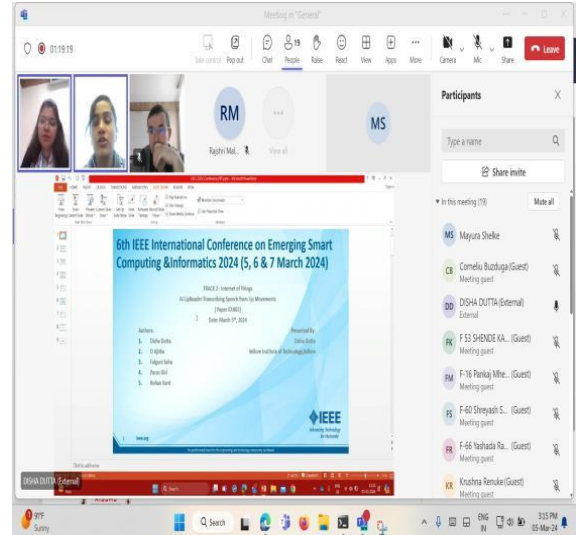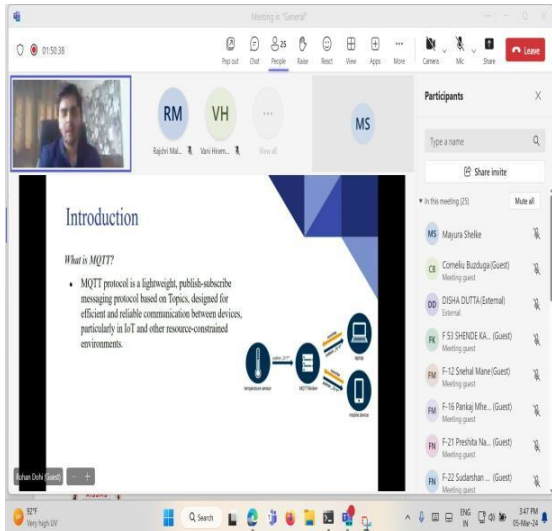
Summary of paper presentation

Sr. No	Name of Session/Track	Best Paper Title	Name of Presenter
1	Internet of Things Session-5	With You - Indian Sign Language Detection and Alert System	Shreya Daga

Session-6		
Track - Image & Signal Processing	**Session Chair :** Dr. Yogini Dilip Borole Associate Professor, Symbiosis Skill and Professional University, Kiwale**.**	
Day: Tuesday	**Date:** 05/03/2024	**Time:** 03.00-5.00 PM
Session Coordinators- 1. Dr. Meenakshi Anurag Thalor 2. Mr. Satish Dnyaneshwarrao Kale	**Link-** http://tinyurl.com/Day-1-Session-6-ISP	

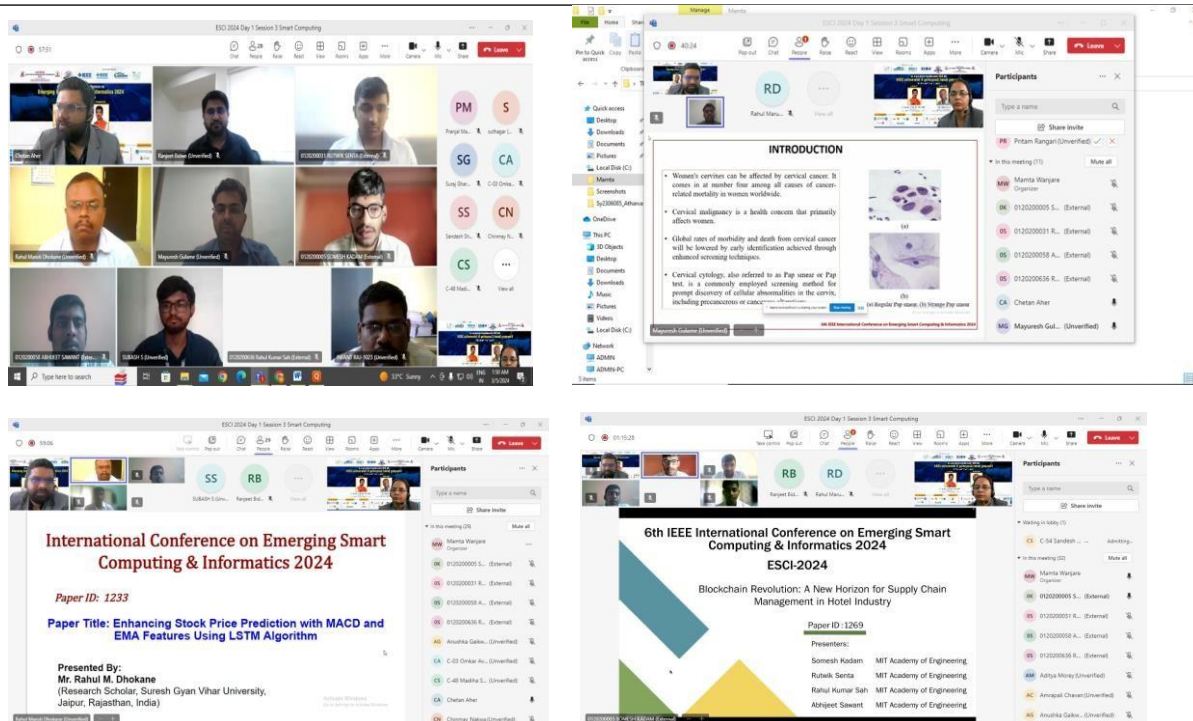**Abstract of Session/keynote/Special session/tutorial** –

Technical Oral Presentation Session 6: Image & Signal Processing was successfully conducted on the first day of 6th IEEE International Conference on Emerging Smart Computing & Informatics 2024 (5, 6 & 7 March 2024): 5th March 2024.
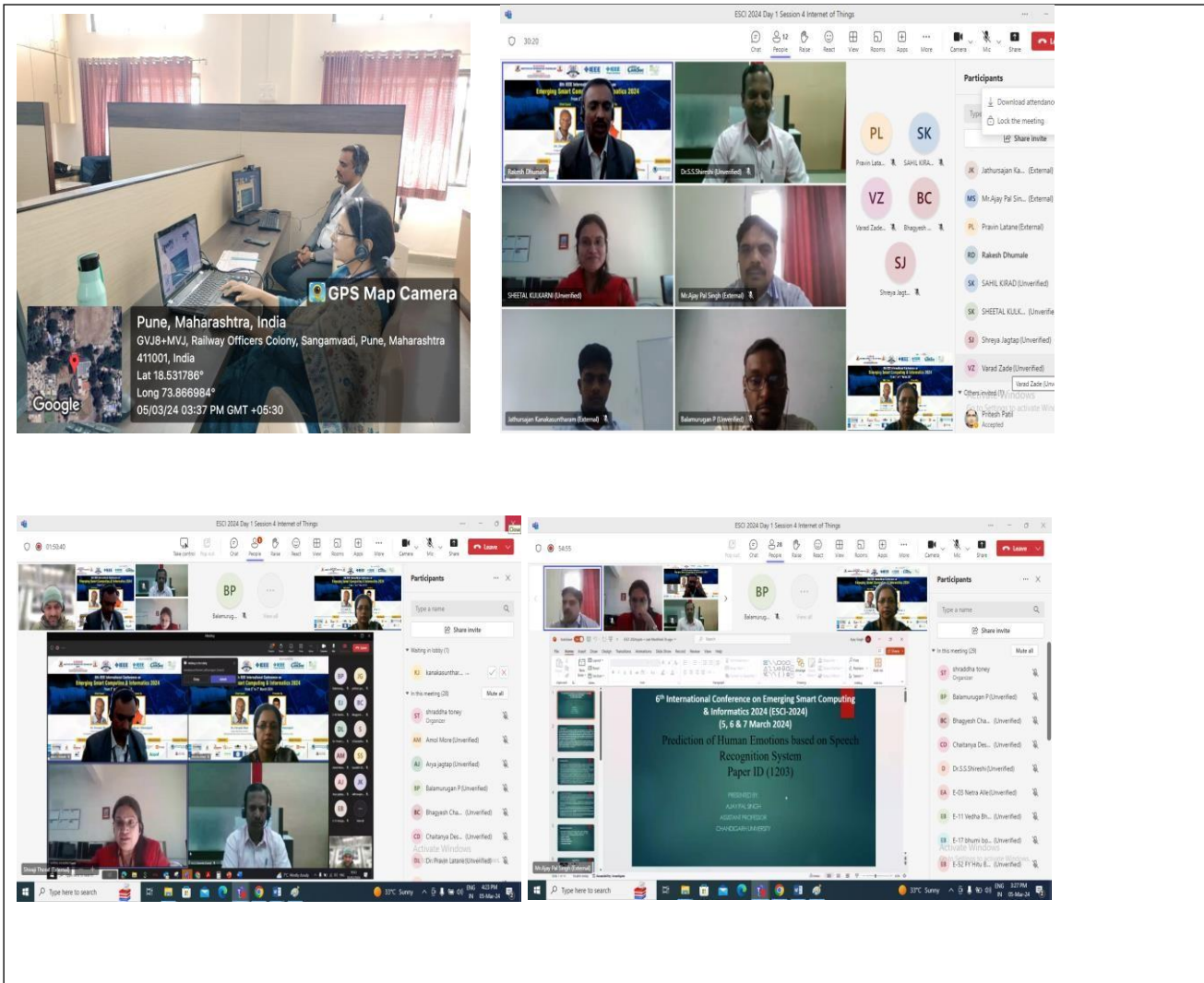
Total 6 Papers were presented in this session.

Paper ID: 620 : VGG16-PotatoGuard: A Deep Learning Approach to Detecting Leaf Diseases in Potatoes.

Paper ID: 534 : Deep transfer Learning Based Diagnosis of Multiple Neurodegenerative Disorders

Paper ID: 535: Multi-Modal Visual Features Perception Technology for Internet of Vehicles (IoV)

Paper ID: 576 : Bidirectional Sign Language Assistant with MediaPipe Integration

Paper ID: 424 : Number Plate Recognition using OpenCV

Paper ID: 578 : Recognition of Critical Built-up Areas Located on High Hill-slope Regions using Spatial Data Mining.

Session Chairs Dr. Yogini Dilip Borole evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 16

Session-7		
Track - Image & Signal Processing	**External Session chair**:Dr. Rahul Pol	
Day: Tuesday	**Date:** 05/03/2024	**Time:** 03.00 PM – 05:00 PM
Session Coordinators- 　1.　Dr. Dnyandeo Krishna Shedge 　2.　Ms. Pradnya Dattatraya Bormane	**Link-** http://tinyurl.com/Day-1-Sesnsion-7-ISP	

Abstract of Session –

Technical Oral Presentation Session 7: Image & Signal Processing was successfully conducted on the first day of 6th IEEE International Conference on Emerging Smart Computing & Informatics 2024 (5, 6 & 7 March 2024): 5th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 463: A Video Steganography approach with randomization algorithm using image and audio steganography

Paper ID: 473: Human Pose Estimation Techniques for Yoga and Kavayat(drill): A Yardstick Analysis

Paper ID: 557: Smart Survival Lance System for visually impaired person

Paper ID: 449: Image Enhancement Using Tri-histogram Equalization Technique

Paper ID: 403: MDLGO: Integrated Multimodal Deep Learning Framework for Enhanced Precision in Glaucoma Diagnosis

Paper ID: 231: A Comparative Study On Emotion Analysis Using Transfer Learning

Session Chair Dr. Rahul Pol evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of the session, the Session Chair conveyed the Best Paper Title.

Total no. of Participants- 42
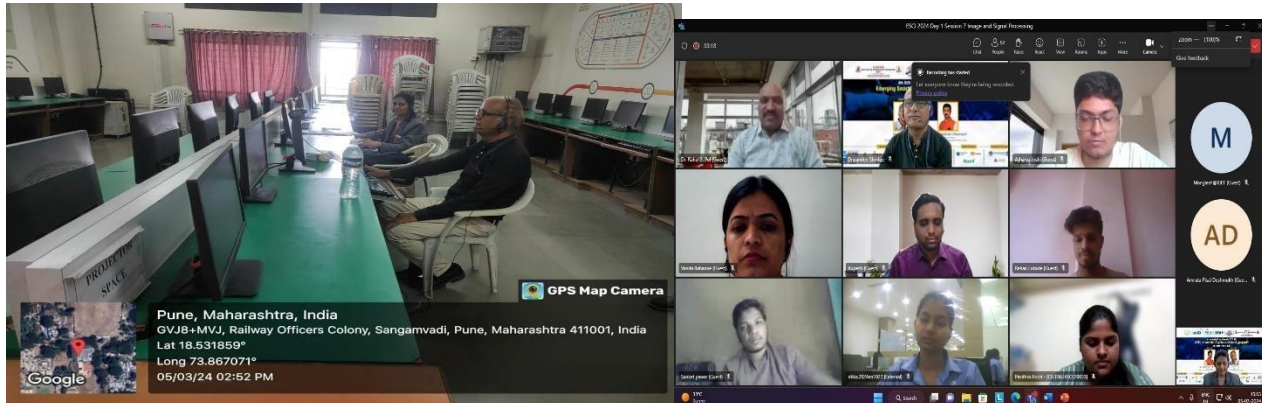
Summary of paper presentation

Sr. No	Name of Session/Track	Best Paper Title	Name of Presenter
1	Technical Oral Presentation Session 7: Image & Signal Processing	Paper ID: 231 - A Comparative Study On Emotion Analysis Using Transfer Learning	Pavithra Arcot

Session-8		
Track - Image & Signal Processing	**Session Chair 1** Dr.Sarika Patil DYP COE Akurdi, Pune	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00am -12.00pm
Session Coordinators- 1. Dr.V.S.Bhende 2. Mr. V.J.Desai	**Link-** http://tinyurl.com/Day-2-Session-8-ISP	
Abstract of Session/keynote/Special session/tutorial – Technical Oral Presentation Session 6: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.		

Total 6 Papers were presented in this session.

Paper ID: 379. Wildfire smoke detection using deep learning

Paper ID: 1343. True Feature Distillation For Compression of Gans

Paper ID: 1188. Accurate Semantic Segmentation of Aerial Imagery Using Attention U-Net Architecture

Paper ID: 1165. Optimisation Of Anomaly Detection In Video Processing Using Efficient Feature Engineering

Paper ID: 1182. Partitions of Liver Cancer by Enhanced Feature Extraction and Mapping with Improved Transfer Develop

Paper ID: 1099. Synergizing SVM Classifier with Hybrid CNN Architecture for Handwritten Recognition

Session Chairs Dr. Sarika Patil evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session-9	
Track - Smart Computing (offline)	**Session Chair 1** Dr. Shashank Joshi Professor, Dept. Computer Engineering Ex-Dean Faculty of Engineering and Technology, BVCOE, Pune **Session Chair 2:** Dr. Suhas Patil Professor, Computer Engineering Dept. Computer Engineering, BVCOE, Pune

Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Dr. Nidhi Sharma 2. Ms. Jayashree C. Pasalkar	**Link-** Offline Session (Room No. 111)	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 6: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 5 Papers were presented in this session.

Paper ID: 1187: Efficiency comparison of dataset generated by LLMs using Machine Learning Algorithms

Paper ID: 1266: Minutes of Meetings Generation for online meets Using NLP & ML Techniques

Paper ID: 1054: Fashion VLM - Fashion Captioning using Pretrained Vision Transformer and Large Language Model

Paper ID: 205: ICode - An unified competitive coding profile platform

Session Chairs Dr. Shashank Joshi and Dr. Suhas Patil evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 04

Session-10		
Track - Smart Computing	**Session Chair 1 :** Dr. Kalyan Bamane **Session Chair 2:** Dr. D. S. Shelar	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00-12.00
Session Coordinators- Mr. Girish Navale		

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 10: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 5 Papers were presented in this session.

Paper ID:1352:- Advancing Manufacturing Energy Efficiency: The Role of AI and Web-Based Tools

Paper ID: 488:-Human Disease Prediction Using Machine Learning

Paper ID: 409: -Fake Review Detector

Paper ID: 312: ANN Based Approach for Electricity Theft Detection in Single Phase Energy Meters

Paper ID: 149:- Decentralized Storage Security A Blockchain-Driven Solution

Session Chairs Dr. Kalyan Bamane & Dr. D. S. Shelar evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 05

Session - 11		
Track -Smart Computing	**External Session chair**: Dr S K Hiremath Professor, Department of Computer Science and Engineering, JSPM'S JSCOE PUNE	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00 am to 12.00 pm
Internal Session chair: Dr. Amrapali S. Chavan **Session Coordinator:** Ms. Supriya Vikas Lohar	**Link-** **Venue/Link** : **http://tinyurl.com/Day-2-Session-11-SC** Author Feedback Link: https://forms.gle/6epdv6yQJvaT5Z576	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 3: Smart Computing was successfully conducted on the Second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

1. Paper ID: 480: An innovative way to increase the speed and efficiency of reverse mapping of Elliptic Curve Points
2. Paper ID: 705: CTC-CNN-Bidirectional LSTM based Lip Reading System
3. Paper ID: 827: CDBO_DenseNet: CAViaR Dung Beetle optimization enabled deep learning for Diabetic retinopathy classification
4. Paper ID: 722: Machine Learning based water requirement prediction for agriculture before a rainfall
5. Paper ID: 631: An Investigation on the Level of Customer Satisfaction with E-Banking Services with a special focus on the Delhi NCR Region.
6. Paper ID: 848: A Novel Natural Language Processing-Based Model for Plagiarism Detection

Session Chair, Dr S K Hiremath, evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of the session, the Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session-12		
Track – Internet of Things	**Session Chair 1** Dr.Navanetth Bhaskar, Sahyadri College of Engg and management, Mangalore, Karnataka (9847022011) **Session Chair 2:** Nirmal K, eBay, California, (nirmal.k@ieee.org)	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00am -12.00 pm
Session Coordinators- 1. **Dr. S. A. Panwar** 2. **Prashant S. Sadaphule**	**Link-** http://tinyurl.com/Day-2-Session-12-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 12: Internet of Thing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 900: A Paradigm Shift in Ethereum Network Analysis through Google BigQuery, Portation, and Visualization

Paper ID: 1340: Safe and secure communication using SSL/TLS

Paper ID: 1224: Agrobot for Inter-row and Intra-row Weeding

Paper ID: 970: Classification Of Malware Families Using Transformers And Auto Formers In Deep Learning

Paper ID: 1071: Graph based analysis technique for identification of key functionalities in malicious IoT binaries

Paper ID: 789: EcoSprout Machine Learning-Powered Smart Sprinkler System

Session Chairs Dr.Navanetth Bhaskar and Nirmal K, evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of session, Session Chair conveyed the Best Paper Title to session coordinators.

Total no. of Participants- 29

Session-13		
Track – Internet of Things		**Session Chair 1** Dr. Shagufta Sheikh Assistant Professor, AI-DS Department AISSMS IOIT, Pune-01 **Session Chair 2:** Dr. Milind Bongulwar Associate Professor, Instrumentation Depart, COE & Research Awasari Pune
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00 AM -12.00 PM
Session Coordinators- 1. Mrs. Archana G. Said	**Link- http://tinyurl.com/Day-2-Session-13-IOT**	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 13: Internet of Things was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 1336: Next Generation Wireless Communication Network

Paper ID: 1006: Smart Agriculture : Aqua Watch: A Nitrate Sensor with Color Intelligence

Paper ID: 873: Development of Code-Mixed Marathi-English Dataset for Hate Speech Detection.

Paper ID: 1286: UAV Assisted System Using Internet of Things (IoT)and Machine Learning

Paper ID: 482: A Study of Weed Management in Agricultural Plants using IoT and Machine Learning

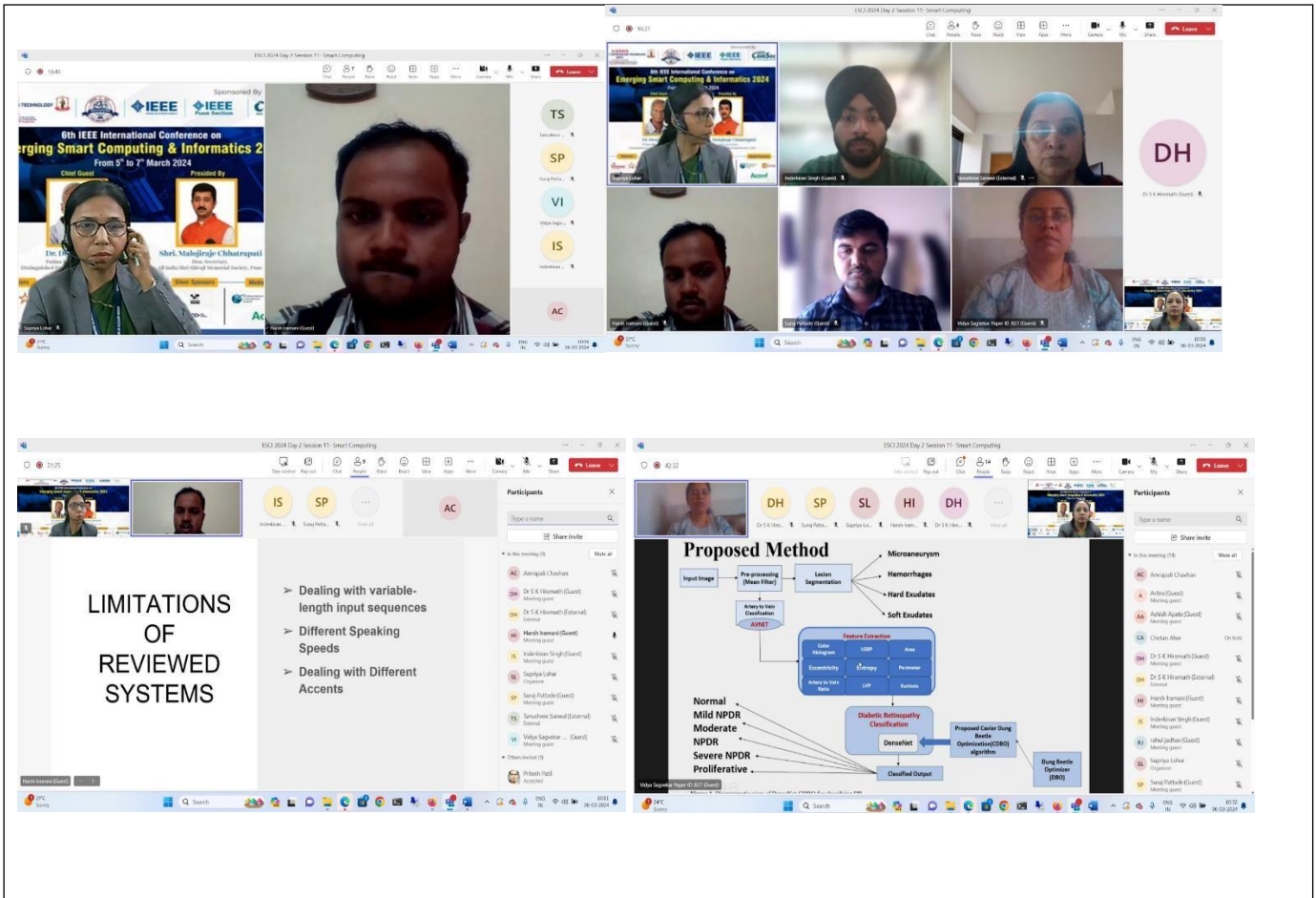Paper ID:1275: Adaptive DoS Attack Detection in SDN

Session Chairs Dr. Milind Bogular and Dr. Shagufta Sheikh evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06
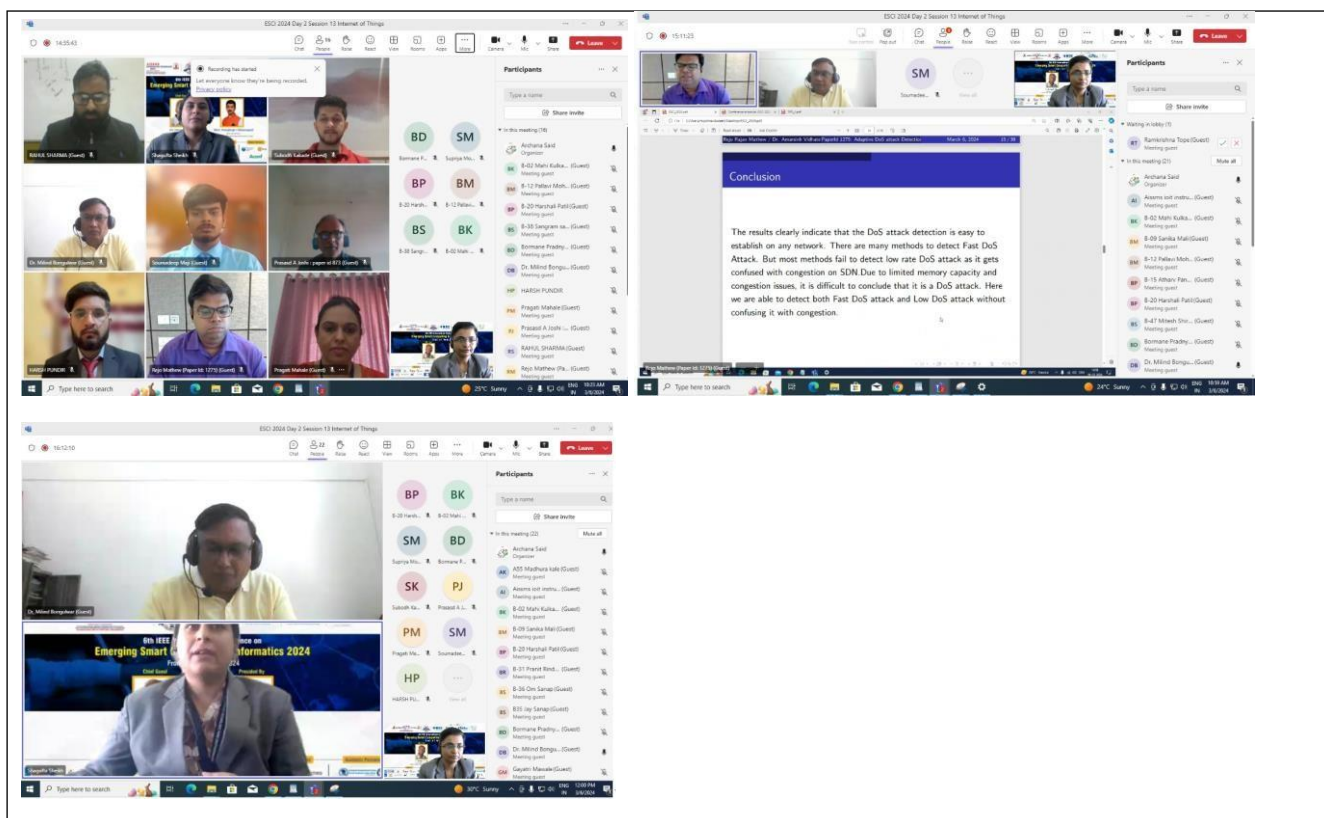
Session-14		
Track - Smart Computing		**External Session Chair 1** Dr. Deepali Gore Associate Professor at P.E.S Modern College of Engineering, Pune **Internal Session Chair 2:** Dr. Riyazahmed A. Jamadar Assistant Professor at AISSMS IOIT, Pune
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Ms. Anuradha S. Varal	**Link-** : http://tinyurl.com/Day-2-Session-14-SC	
Abstract of Session/keynote/Special session/tutorial – Technical Oral Presentation Session 14: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024. Total 7 Papers were presented in this session.		

Paper ID: 629: Ingenious Waste Management: Implementing Machine Learning in Waste Segregation

Paper ID: 671: Machine Learning Based IPL Fantasy Cricket Dream11 Best Team Prediction

Paper ID: 972: Advancements in Quantum Error Mitigation Strategies for Reliable Quantum Computing on IBM Simulators

Paper ID: 519: AI-Powered Automated Wheelchair based on Lane Detection with Gesture, Voice, and Face Recognition Paper ID: 676: Role of Non Fungible Tokens in Transforming Academic Credentials for Trust and Transparency

Paper ID: 516: Evolution of methodologies and comparative analysis of different development paradigms

Paper ID: 155: Sky strokes:Bridging Artistic Expression And Communication Barriers Through Aerial Digital Canvas.

External Session Chair Dr. Deepali Gore and Internal Session Chair Dr. Riyazahmed A. Jamadar

evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 07
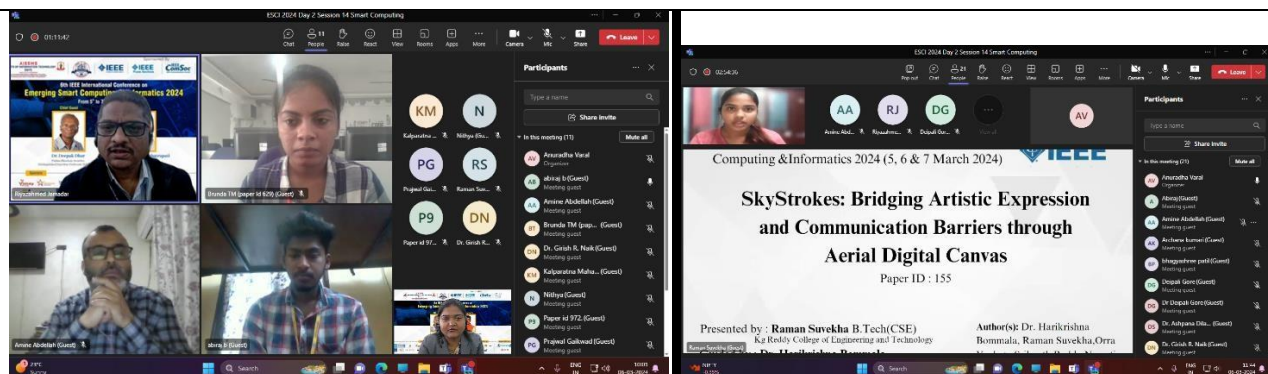
Session-15		
Track - Smart Computing		**External Session Chair·** Dr. Ram Joshi Dean Academics(Prof.Comp Engg) JSPM's RSCOE ,Tathawade.Pune
Day: Wednesday	**Date:** 06/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Dr. Manisha Rakesh Raghuvanshi 2. Ms.Punashri Mahadev Patil	**Link-** http://tinyurl.com/Day-2-Session-15- SC	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 15: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 500: Unmasking Disinformation: Detection of Fake News Online using Learning Techniques

Paper ID: 268: Long Short-Term Memory-Based Next Keyword Prediction

Paper ID: 551: AI-Optimized Eco-Charge Regeneration Technology in EV

Paper ID: 384:Utilizing Bayesian Networks to Augment DecisionMaking for Dengue Outbreak Response in Public Health

Paper ID: 361: Comprehensive Exploration of the Role of Graph Databases like Neo4j in Cyber Security

Paper ID: 305:Analysis of Hyper-Threading using on die Performance Monitoring Counters

Session Chairs **Dr. Ram Joshi** evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session-16		
Track – Session-16(Special Session)	**Session Chair 1** Dr. P. A. Harsha Vardhini Head of the Department-ECE Vignan Institute of Technology and Science, Deshmukhi, Telangana, India	
Day: Wednesday	**Date:** 6/03/2024	**Time:** 10.00am-12.00 pm
Internal Session Chair: Dr. Mohini Pramod Sardey (9881409100) Head of the Department-E&TC AISSMS IOIT,Pune-01 **Session Coordinator:** Mrs. Poonam Swapnil Jadhav(8888148293)	**Link- http://tinyurl.com/Day-2-Session-16-SPS**	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 16(Special Session): Special session (Session 16) was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 7 Papers were presented in this session.

Paper ID: PA_05: Power Efficient High Gain/CMRR and Low Noise ElectroOculogram For Human Computer Interaction and Wearable IoT devices.

Paper ID: PA_08: Transformative Advancements: Sign Language Conversion to Text and Speech

Paper ID: PA_09 : Ultra-Low Energy Consumed GDIBased Hamming Code High Speed Signal Processing Communication System

Paper ID: PA_11 : Kernel Based FCM for Spinal Cord Segmentation on Computed Tomography Images

Paper ID: PA_25 : Analysis of Carrier to Noise Density Ratio, Satellite Visibility and Skyplot of Multiple GNSS Constellations using Smart Phone for Relative Positioning Application

Paper ID: PA_18 : A Novel Probabilistic Access Scheme for NB-IOT in 5G Network

Paper ID: RK_03: Convergence of Blockchain and Internet of Things Using Hyperledger Fabric

Session Dr. P. A. Harsha Vardhini evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 07

Session-17		
Track - Smart Computing	**Session Chair** Dr. Snehal Rathi Assistant Professor Vishwakarma Institute of Information Technology, Pune	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 3.00-5.00 p.m
Session Coordinators- 1. Dr.Mrunal Kishor Phathak(9421705871) 2. Mrs. Farhana Sarvar Fatima Kazi Sayed(9158985458)	**Link-** http://tinyurl.com/Day-2-Session-17-SC	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 17: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 923: Utilizing Deep Belief Networks for Consumer Behavior Analysis in Retail Management

Paper ID: 321: Prediction of Diabetes Mellitus Disease using Supervised Machine Learning Models

Paper ID: 1349: A Xgboost Optimized Ensemble Model For Remaining Useful Life Prediction Of Aircraft Turbofan Engines

Paper ID: 912: Advancements in Healthcare: Predictive Modeling for Early Disease Diagnosis & Patient Record Mngt

Paper ID: 1353: Envisioning India's Energy Future: Predictive Models For Power Generation Trends

Paper ID: 1354: Crop Yield Forecasting For A Resilient Food System The Role Of AI And Green Principles

Session Chair Dr. Snehal Rathi evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06
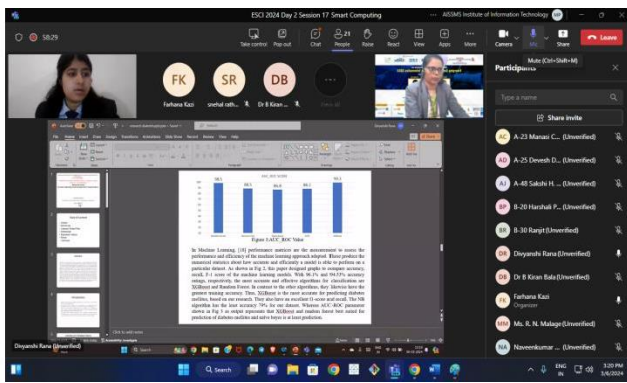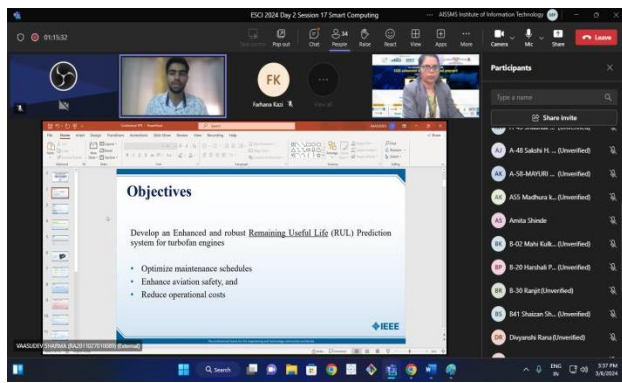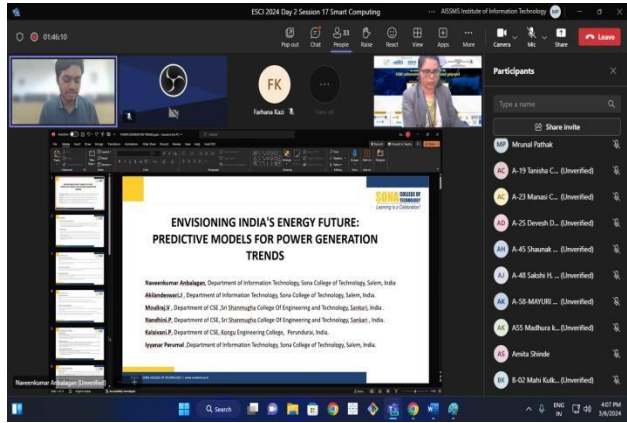
Session-18		
Track -Internet of Things	**Session Chair :1.** Dr.Nilima Satish Warade AISSMS IOIT Pune (9960257810) **Session Chair 2:** Dr. Vaishali M. Upadhye Assistant professor, vaishali.upadhye@cumminscollege.in	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 03.00-05.00
Session Coordinator- 1. **Mrs.N.S.Patil**	**Link-** http://tinyurl.com/Day-2-Session-18-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 18: Internet of Things was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper id:858: Vision-Based Humanoid Robotic Palm For Amputee Person Using Deep Learning
Paper id:916 :Enhancement of Network Security in MANET using Refined Adaptive Harris Hawks Optimization Algorithm

Paper id: 915: Sign Language to Text Translation Using Convolutional Neural Network

Paper id: 756: Optimized multiplier in nanosheet technology with Vedic approach

Paper id:1278: Smart Energy Power Consumption
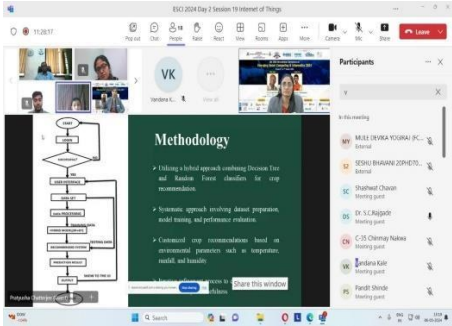
Paper id: 98 :Intelligent override adaptive traffic signal controller

Session Chairs Dr. Nilima Warade and Dr. evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session- 19		
Track - Internet of Things	**Session Chair 1 :** Dr. Santosh Rajgade	
	Session Chair 2: Dr.Nidhi Sharma	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 03.00-05.00
Session Coordinators- 1. Dr.Nidhi Sharma 2. Ms.Anuja Sandeep Phapale	**Link-** http://tinyurl.com/Day-2-Session-19-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 19: Internet of Things was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 587: Efficacy of an Augmented Reality Application for Enhanced learning of 3D Geometric Shapes.

Paper ID: 528: Machine Learning Based Crop Recommendation Model in Precision Agriculture.

Paper ID: 389: IoT based Real Time Drainage Monitoring System.

Paper ID: 452: Firefly-Driven Feature Selection for Enhanced DDoS Detection in IoT Networks.

Paper ID: 348: Stability and Control of RT-VCM employed for Moving Mirror Control in FTIR Spectroscopy using FOPID.

Paper ID: 174: Safe Count: A Two Step Verification Based Voting System

Dr. Santosh Rajgade evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Summary of paper presentation

Sr. No	Name of Session/Track	Best Paper Title	Name of Presenter
1	Internet of Things Session-19	Paper ID: 389 Title: IoT based Real Time Drainage Monitoring System.	Mr. Vikram Gawali

Session-20	
Track - Image & Signal Processing	**Session Chair 1:** Dr. MeghaWankhade Assistant Professor,. E & TC Engineering Dept. Sinhgad College of Engineering , Pune **Session Chair 2:** Mrs. Minal P.Nerkar Assistant Professor, Computer Engineering Dept. AISSMS IOIT, Pune

Day: Wednesday	**Date:** 06/03/2024	**Time:** 03.00-05.00
Session Coordinators- Mrs. Archaana A.Randive	**Link-**Offline Session	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 20: Image & Signal Processing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 9 Papers were presented in this session.

Paper ID: 1363: Flood Susceptibility Mapping and Accuracy Assessment of a River Floodplain

using Bivariate Statistical.

Paper ID: 1015: Early Disease Detection in Wildlife by Analyzing Behavior and Weather

Conditions Using Image Process.

Paper ID: 1198: Real-Time Injury Risk Assessment in Athletes based on Relative Joint Angles.

Paper ID: 1200: Unusual Human Behavior Analysis Using the Deep Learning.

Paper ID: 398: Camera and LiDAR Integration for Lane-Following and Obstacle Avoidance in

Self-Driving Cars.

Paper ID: 447: Deep Learning Based Foreign Object Debris (FOD) Detection on Runway.

Paper ID: 116: Quantum Inspired Image Classification: A Hybrid SVM Framework.

Paper ID: ST 03: Feature Extraction of Unprinted Fabric for defect detection using Gabor

        Filter, HOG and SVM.

Paper ID: ST 04: Boosting Wavelet-Based Image Fusion using Equal Weighted Average of

        DSIHE and CLAHE.

Session Chairs Dr. Megha Wankhade & Mrs. Minal P.Nerkar evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 09

Session-21		
Track – Image and signal Processing		**Session Chair 1** Dr. Varsha Harpale Associate Professor PCCOE **Session Chair 2:** Dr. Vineeta Philip Assistant Professor, ENTC Dept,AISSMS IOIT,Pune
Day: Wednesday	**Date:** 6/03/2022	**Time:** 3.00-5.00 PM
Session Coordinators- 1. Dr.Vineeta Philip 2. Mrs. Sayali Belhe	**Link-** http://tinyurl.com/Day-2-Session-21-ISP	

Abstract of Session –

Technical Oral Presentation **Session 21**: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2022): 6th March 2022.

Total 5 Papers were presented in this session.

Paper ID: 1298 Optimizing Respiratory Assessment with Advanced Photoplethysmography Techniques

Paper ID: 642: Security Camera with Frame Detection

Paper ID: 1192: Identification of Nutrient Deficiency Based on Leaf Image Data Using Machine Learning

Paper ID: 1240: Accurate Classification of Tessellated Retinal Disease with Deep Learning Model

Paper ID: 932: Ecological Surveillance and Crisis Management: Forest Fire Prediction and Species Identification

Session Chair: Dr. Varsha Harpale and Dr,Vineeta Philip evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 05

Session-22		
Track - Special session	Session Chair 1: Dr. Garima Chopra Assistant Professor at Chitkara University, Punjab Session Chair 2: Dr. Suhaib Ahmed Assistant Professor and Faculty In Charge, Centre for Research, Innovation and Entrepreneurship, Model Institute of Engineering and Technology, Jammu, India.	
Day: Wednesday	**Date:** 06/03/2024	**Time:** 03.00-05.00
Session Coordinators- 1. Dr. Y. P. Patil 2. Ms. M. B. Thorat	**Link-** http://tinyurl.com/Day-2-Session-22-SPS	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 22: Special session was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 6th March 2024.

Total 6 Papers were presented in this session.

Paper ID: GC_31: Cross-Domain Text Classification: Transfer Learning Approaches.

Paper ID: GC_36:Natural Language Processing for Text Mining: Leveraging Linguistic Features for Classification.

Paper ID: GC_37: Exploring Machine Learning's Role in Intrusion Detection Systems for Network Security.

Paper ID: GC_42:Alzheimer Disease Progression Forecasting: Empowering Models through hybrid of CNN and LSTM with PSO

Paper ID: GC_50:Optimizing breast cancer prediction : a multimodal dataset apporach with xgboost

Paper ID: GC_54:Fine-Tuning ResNet50 for Land Use and Land Cover Classification in the Philippines

Session Chairs Dr.Garima Chopra and Dr. Suhaib Ahmed evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of the session, the Session Chair conveyed the Best Paper Title.

Total no. of Participants- 06

Session-23

Track - Internet of Things	Session Chair 1 Dr.Manjusha Tatiya
	Assistant professor and HOD AI and DS , Indira College of Engineering & Management
	Session Chair 2: Dr. Reshma Y. Totare
	Assistant Professor ,
	AISSMS IOIT ,Pune

Day: Thursday	Date: 07/03/2024		Time: 10.00-12.00
Session Coordinators- 1. Mrs. Ravina Haribhu Malshikare	Link- Offline session		

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 6: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March ,2024

Total 5 Papers were presented in this session.

1213   IoT Image Security Using DNA Technique

759   Usability - A Key to Security and Utility: Case of Core Banking System

903   GIS-GNSS Integrated Cost Efficient Static Monitoring System

1108   Investigation of Methods to Improve the Performance of Frequency Reconfigurable Antenna for Future W

870   SensorNet-Cipher: A Lightweight Protocol for Security in Resource-Limited Networks

Session Chairs Dr.Manjusha Tatiya and Dr. Reshma Y. Totare evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 05

Photos:

Session-25		
Track - Image & Signal Processing	**Session Chair :** Dr. Rupali Patil Assistant Professor K. J. Somaiya College of Engineering, Mumbai**.**	
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00 PM
Session Coordinators- 1. Dr. Hemangi Shinde 2. Mrs. Sonali Kanawade	**Link-** http://tinyurl.com/ESCI-24-Day-3-Session-25-ISP	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 25: Image & Signal Processing was successfully conducted on the first day of 6th IEEE International Conference on Emerging Smart Computing & Informatics 2024 (5, 6 & 7 March 2024): 7th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 249 : Brain Tumor Detection Using Deep Learning (CNN).

Paper ID: 191: Enhancing Rice Leaf Disease Classification : A CNN-SVM Approach.

Paper ID: 188: Precision Diagnosis of Wheat Powdery Mildew Using CNN and Random Forest.

Paper ID: 125 : Examine the incorporation of Integration of Imaging Data for Orthodontic Prediction.

Paper ID: 138 : Contactless heart rate detection using Eulerian Video Magnification.

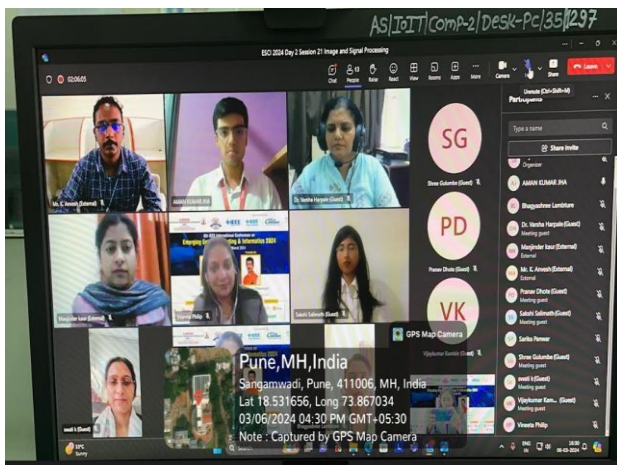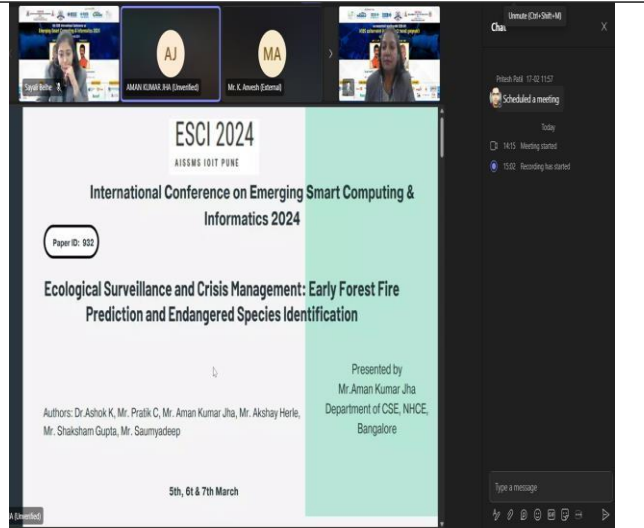Paper ID: 109 : Comparative Analysis of Machine Learning and Deep Learning Approaches for Multiclass for Multiclass Identification.

Session Chairs Dr. Rupali Patil evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 16

Session-26		
Track – Image and signal processing	**Session Chair 1** Dr. Vandana V. Hanchate Asst. Professor, PES's Modern Engineering Pune. **Session Chair 2**: Dr.Manisha Raghuwanshi Asst. Professor, AISSSMSIOIT Pune.	
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Ms. Varsha Patil and Mrs . Snehal Bagal	**Link-** http://tinyurl.com/ESCI-2024-Day-3-Session-26-ISP	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 26: Image and signal processing was successfully conducted on the Third day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March 2024.

Total 6 Papers were presented in this session.

Paper ID: 193(127): Defect Inspection of Coated CFRP Structural Based on Microwave Split Ring Resonator

Paper ID: 136: Innovative Attendance Tracking: Facial Recognition

Paper ID:48: Criminal Recognition System

Paper ID: 89: Yoga Pose Recognition using Deep Learning

Paper ID: 20: Advanced Driver Assistance System (ADAS)

Paper ID: 99: Sign Language Gestures Recognition using CNN and Inception v3

Session Chairs Dr. Vandana V. Hanchate and Dr. Vandana V. Hanchate evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.
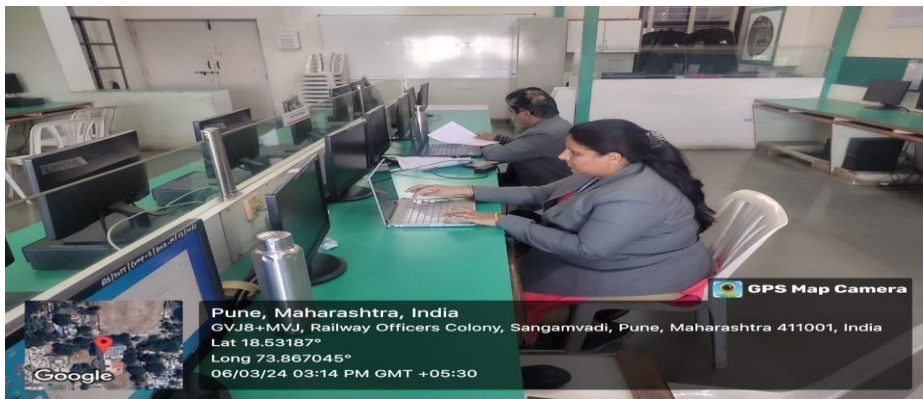
Total no. of Participants- 19

Session-27		
Track -Smart Computing	**Session Chair 1** Prof. Saikumar Tara, Chairman, SAC, IEEE Hyderabad Section and Dept. of ECE, BVRIT HYDERABAD College of Engineering for Women. **Session Chair 2:** Dr.Pramod Ganesh Musrif(Joshi) Professor and HoD, FE Engineering Dept. AISSMS IOIT , Pune	
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. **Pragati P. Mahale**	**Link-**http://tinyurl.com/ESCI-24-Day-3-Session-27-SPS	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Special Session 27: Smart Computing was successfully conducted on the third day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2022): 7th March 2024.

Total 6 Papers were presented in this session.

ST_06:Human Activity Recognition: Three Age Groups and Six actions

ST_O2:Code-Mixed Sentiment Corpus of Customer Reviews in Malayalam and English for Enhanced Local Market A

VY_16: SipSmart: Elevating Palates with Machine Learningfor Wine Quality Prediction

EP12: A Circularly Polarized 2x2 Element MIMO Antenna with Dual Band for V2X Applications

RC_13: Non-invasive detection of oral cancer through a microfluidic biosensor using salivary interleukin-8

SH_01: A Novel Approach using Feature Fusion for Android Malware Detection and Classification

Session Chairs : Prof. Saikumar Tara, Chairman, SAC, IEEE Hyderabad and Dr.Pramod Ganesh Musrif(Joshi) Professor and HoD, FE Engineering Dept. AISSMS IOIT evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

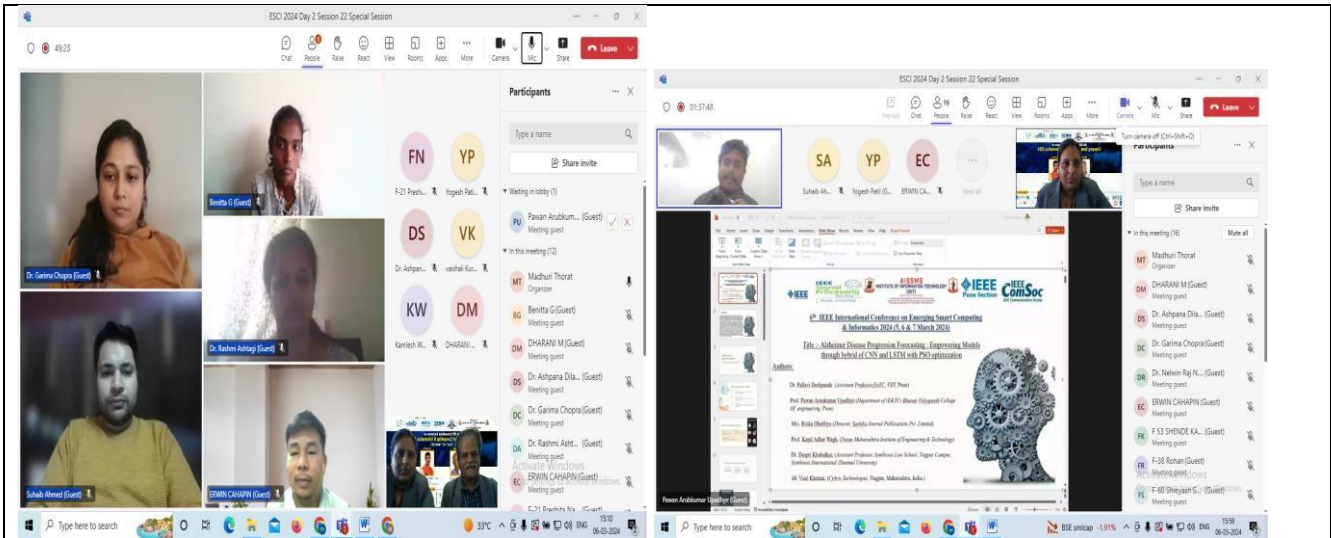At the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 22

Session-28	
Track – Internet Of Things	**Session Chair 1** Dr. Mukesh Ghogare, Associate Professor, Mechatronics Department, MMIT, Pune **Session Chair 2:** Dr. Badri Narayan Mohapatra Asst. Professor (AISSMS IOIT) Dept. Instrumentation Engineering AISSMS IOIT, Pune

Day: Thursday	**Date: 07**/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Dr. Badri Narayan Mohapatra 2. Ms. Minal Abhijeet Zope	**Link-** : http://tinyurl.com/ESCI-24-Day-3-Session-28-IOT	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 28: Internet of Things was successfully conducted on the third day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March 2024.

Total 7 Papers were presented in this session.

Paper ID: 1334 Image Encryption and Decryption Based on 3D Chaos Maps and DNA Encoding

Paper ID: 1348 Artificial Intelligence Based Deep learning Surrogate Model for Design Optimization of Microstrip

Paper ID: 133 Development of Energy Optimizing Meter for Web monitoring and control of Home Application.

Paper ID: 147 Development of LiFi System for Communication and Control in Hilly Regions

Paper ID: 14 LPG transport tracking and leakage detection with accident prevention alert system

Paper ID: 118 Road Surface Data Acquisition and Monitoring System

Paper ID: 92 Integrated Healthcare System for Saline Monitoring, Patient Communication, and Heart Road Surface Data Acquisition and Monitoring System Chairs Dr. Mukesh Ghogare evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title. **Total no. of Participants- 07.**
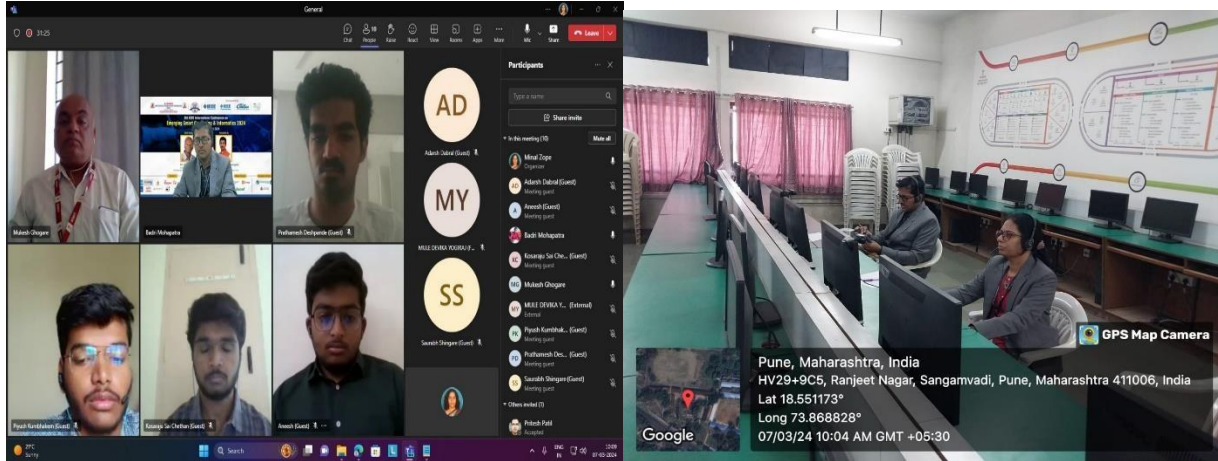
Session-29		
Track - Smart Computing		**Session Chair 1** Dr. Shrikant Bhopale Associate professor, Dr D Y Patil pratishtan college of engineering salokhenagar kolhapur
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Dr.Vandana Vishwanathrao Kale 2. Ms. Bhagyashree Dagadu Lambture	**Link-** http://tinyurl.com/ESCI-2024-Day-3-Session-29-SC	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 29: Smart Computing was successfully conducted on the third day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March 2024.

Total 7 Papers were presented in this session.

Paper ID: 1028: Effect of Monetary Policy on Economic Growth: An Ordinary Least Square Approach

Paper ID:1217: SE-VGG16 MaizeNet: Maize Disease Classification Using Deep Learning and Squeeze and Excitation Atten

Paper ID:1227: Re-cognition I: An inspection of learner's cognitive well-being, pursuant to contemporary period, fa

Paper ID: 41: Reducing Gender and Ethnicity Bias In Personality Trait Prediction

Paper ID:38: ONU: A Reinforcement Load Balancing Approach for Resource-Aware Task Allocation in Distributed System

Paper ID:1201: Facial Video Analytics : An Intelligent Approach to Heart Rate Estimation using AI Framework

Paper ID:1279: Revolutionizing Medical Diagnosis with Novel Teaching-Learning-Based Optimization

Session Chairs Dr. Shrikant Bhopale evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

At the end of session, Session Chair conveyed the Best Paper Title.
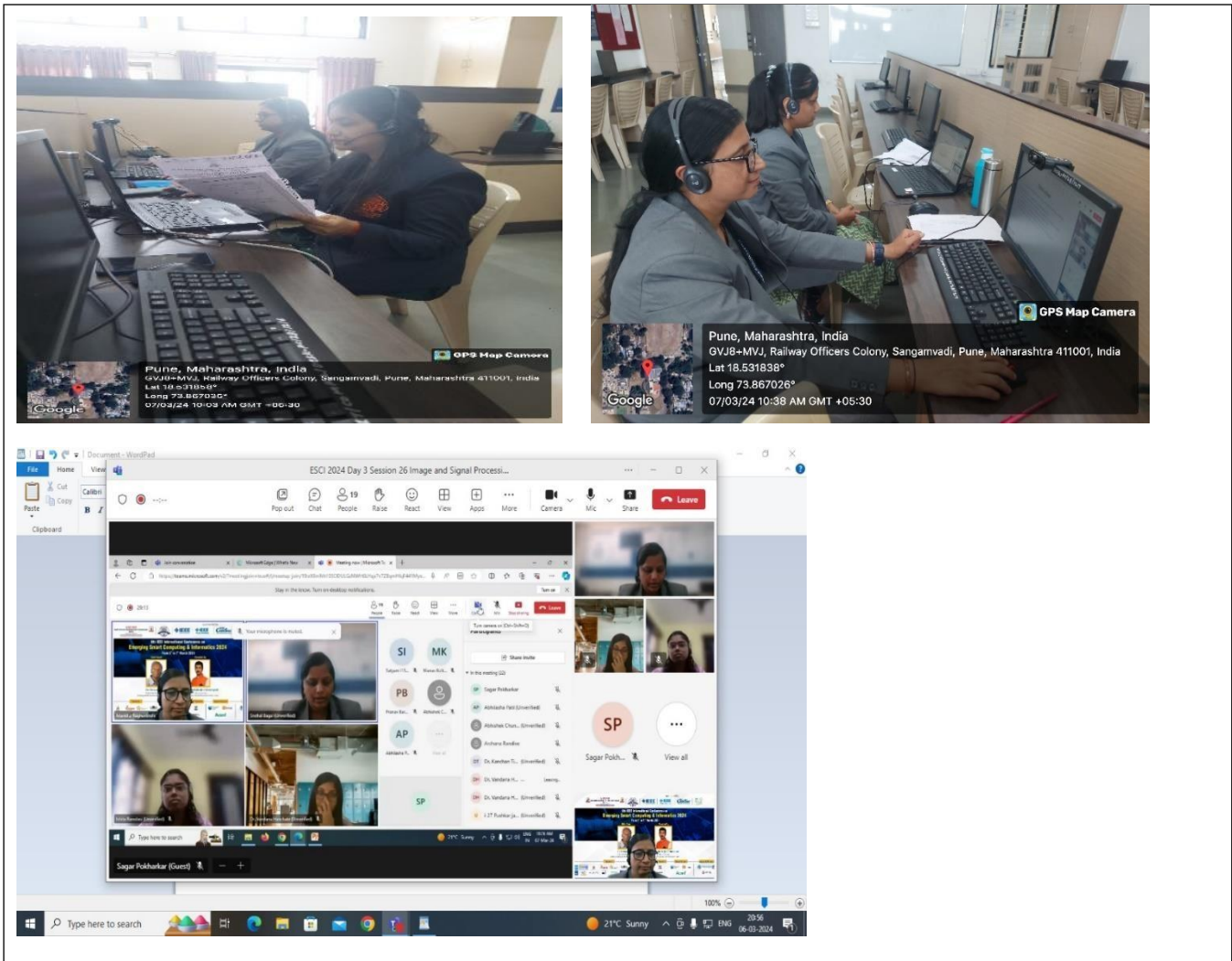
Total no. of Participants- 07

Session-30		
Track - Smart Computing		**Session Chair 1** Dr. Bhavana Kanwade Associate Professor, International Institute of Information Technology Pune
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00
Session Coordinators- 1. Dr. Ashapana Dilavar Shiralkar 2. Ms. Reshma Rajanand Owhal	**Link-** http://tinyurl.com/ESCI-2024-Day-3-Session-30-SC	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 30: Smart Computing was successfully conducted on the second day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March 2024.

Total 7 Papers were presented in this session.

Paper ID: 493: Software Defect Prediction by Logistic Regression with Gradient Descent Cost Computation

Paper ID: 350: Sentiment Analysis from Reviewer's comments from E-Commerce sites Using A Natural LanguageProcessing

Paper ID: 239: Identification of Sign Language Alphabets on Static Images Using Deep Learning

Paper ID: 346: Enhancing Swipe Typing with Gated Linear Transformer

Paper ID: 223: Comparative Analysis of Outlier Elimination Algorithms on Pulsar Stars Dataset

Session Chairs Dr. Bhavana Kanwade evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of the session, the Session Chair conveyed the Best Paper Title.

Total no. of Participants- 07

Session-31		
Track – Special Session	**External Session Chair** Dr. Rajesh Kumar Kaushal and Dr.Naveen Kumar	
Day: Thursday	**Date:** 07/03/2024	**Time:** 10.00-12.00

Session Coordinators-
  1. Dr. Shagufta Mohammad Sayeed Sheikh
  2. Ms. Supriya Kumar More
	Link- http://tinyurl.com/ESCI-2024-Day-3-Session-31-SPS	

Abstract of Session/keynote/Special session/tutorial –

Technical Oral Presentation Session 31: Special Session was successfully conducted on the third day of 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI 2024): 7th March 2024.

Total 7 Papers were presented in this session.

Paper ID:PA_32 : Pioneering Minimalist speech analysis through optimized spectral features by applying machine learning models

Paper ID: Rk_07: Fraud Detection and Prevention for a Secure Financial Future Using Artificial Intelligence

Paper ID: Rk_08 : Artificial Intelligence-Based Forecasting Market Trends and Guiding Investment Decisions

 Paper ID: Rk_10 : AI Personalizing Training and Reskilling Employees for the Digital Age

Paper ID: Rk_11 : Artificial Intelligence with Streamlining Payments and Lending For a Simpler Financial Ecosystem

Paper ID: SR_07 : Energy Aware IRS-Aided Wireless Network for Next-Generation IoT

Paper ID: SH_19 : Redefining Security: Unveiling the Vulnerabilities of Captcha Mechanisms using Deep Learning

Session Chairs Dr.Rajesh Kumar Kaushal and Dr.Naveen Kumar evaluated the papers based on the parameters: Presentation Quality, Research Contents, Depth of Understanding of subject, Effectiveness, Time Management.

AT the end of session, Session Chair conveyed the Best Paper Title.

Total no. of Participants- 39

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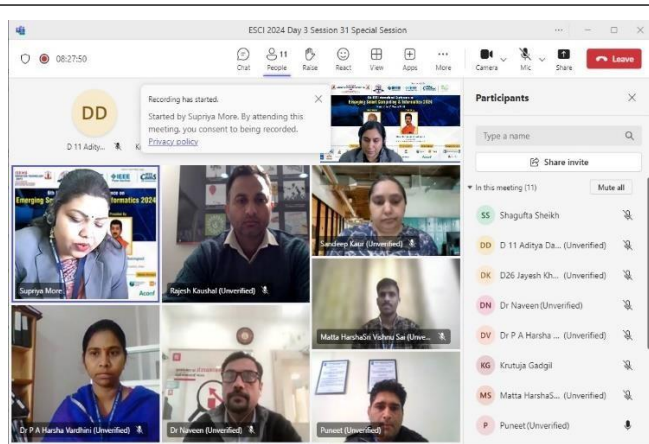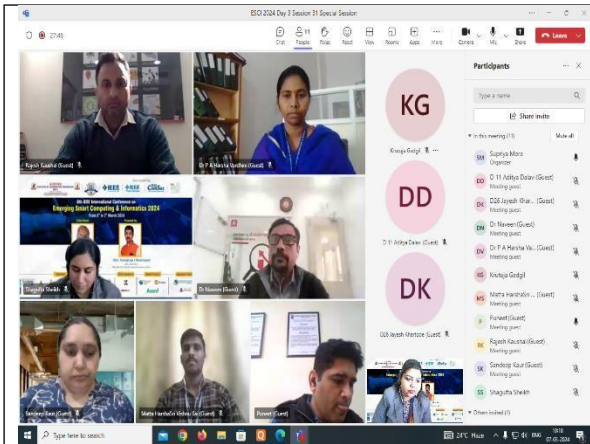
Valedictory Function

Takeaway from the ESCI -24

The 6th IEEE International Conference on Emerging Smart Computing and Informatics (ESCI- 2024) offers an exceptional opportunity for academics and industry researchers to showcase their latest algorithms, models, and technologies while exploring new trends and ideas on smart computing and informatics. The conference serves as a common platform for emerging trends in smart computing, networking, communication, signal and image processing, cyber security, and IoT, providing global participants with the chance to share their ideas and experiences with peers from different regions of the world. This gathering is designed to establish a research environment and foster international linkages for future collaboration in their career path.

The conference aims to focus on various modernization and innovation paradigms that can be applied to address practical and creative solutions to diverse issues in society, industry, and the environment. As such, the conference proceedings invite academics and industry researchers to submit papers explaining literature review, problem statement, methodologies, and appropriate results, which are then reviewed by experts. The selection process is based on the significance and innovation of the content, originality, and unpublished quality work. Accepted and presented papers will be published in the IEEE Explore digital library.

Moreover, the conference also invites special topics, tools, and applications in multidisciplinary areas with keynote and tutorial sessions conducted by expert academicians and professionals. The main focus of this conference is on emerging techniques required for smart computing and informatics, providing a unified platform for advanced and multi-disciplinary research towards the design of smart computing and informatics.

The theme of this conference is centered on various innovation paradigms in system knowledge, intelligence, and sustainability, which can be applied to provide realistic solutions to a variety of problems in society, environment, and industries. The scope of the conference is also extended towards the deployment of emerging computational and knowledge transfer approaches, optimizing solutions in various disciplines of science, technology, and healthcare. Overall, the 6th IEEE International Conference on Emerging Smart Computing and Informatics promised to be an exciting and enlightening platform for professionals in this field.

Media Coverage

एआयएसएसएमएस महाविद्यालयात परिषद

पुणे : एआयएसएसएमएस आयओआयटी महाविद्यालयात 'आयईईई- इमर्जिंग स्मार्ट कॉम्प्युटिंग अँड इन्फॉर्मेटिक्स ईएससीआय' विषयावर आंतरराष्ट्रीय परिषद झाली. परिषदेच्या उद्घाटनासाठी डॉ. दीपक धर उपस्थित होते. त्यांनी 'संख्याशास्त्राचा वापर आणि गैरवापर' विषयावर मार्गदर्शन केले. चीन, इराक, अमेरिका, तुर्की, श्रीलंका या देशांमधून आलेल्या १,४५७ शोधनिबंधांपैकी निवडक १९३ शोधनिबंध सादर केले.
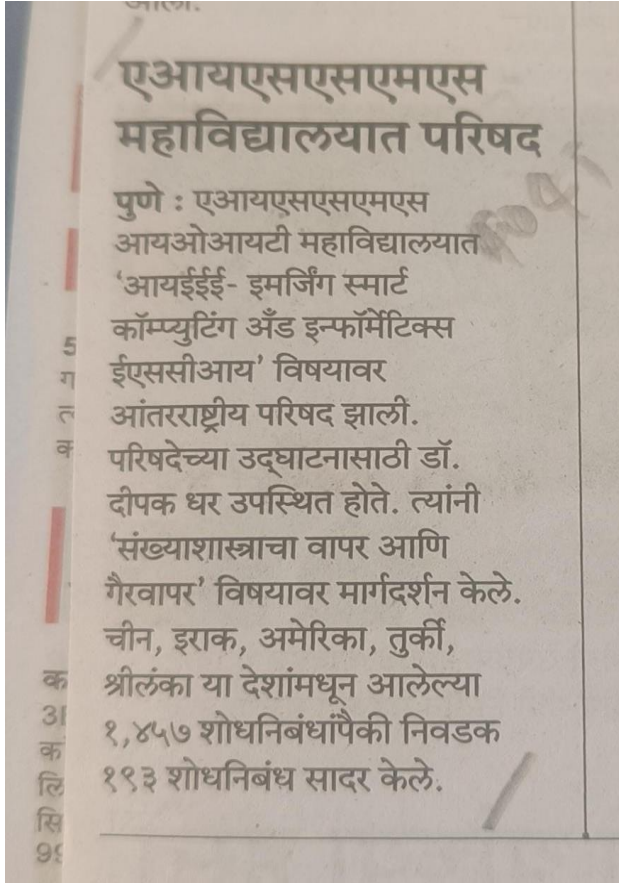
लोकमत

स्मार्ट कम्प्युटिंग, इन्फॉर्मेटिक्स विषयावर आंतरराष्ट्रीय परिषद

लोकमत न्यूज नेटवर्क

पुणे : ऑल इंडिया श्री शिवाजी मेमोरियल सोसायटीच्या आयओआयटी महाविद्यालयात "ध्व्वा आयईईई आंतरराष्ट्रीय परिषद-इमर्जिंग स्मार्ट कॉम्प्युटिंग अँड इन्फॉर्मेटिक्स-ईएससीआय-२०२४ या विषयावरील ६ वी आंतरराष्ट्रीय परिषद नुकतीच पार पडली.

पद्मभूषण डॉ. दीपक धर यांच्या हस्ते उद्घाटन झालेल्या या परिषदेत त्यांनी 'संख्याशास्त्राचा वापर आणि गैरवापर' या विषयावर उपस्थितांना मार्गदर्शन केले. याप्रसंगी सोसायटीचे मानद सहसचिव सुरेश शिंदे, अजय पाटील, अभिजीत खुर्पे, प्राचार्य डॉ. पी.बी. माने, आयईईईचे डॉ. अमर बुचडे, डॉ. विवेक देशपांडे, जगदीश चौधरी डॉ. एम. ए.

थलोर आदी उपस्थित होते. सोसायटीचे मानद सचिव मालोजीराजे छत्रपती, इसोच्या स्पेस ऑप्लिकेशन सेंटरचे संचालक नीलेश देसाई यांनी परिषदेला आपला संदेश पाठविला. या परिषदेमध्ये स्मार्ट कॉम्प्युटिंग, इंटरनेट ऑफ थिंग्ज आणि इमेज आणि सिग्नल प्रोसेसिंग या तीन ट्रॅकसह ६ प्री-कॉन्फरन्स ट्युटोरियल्स आणि १४ विशेष सत्रे होती.

या परिषदेसाठी जगभरातून जसे की चीन, इराक, यूएसए, तुर्की, श्रीलंका आदी देशांद्वारे एकूण १४५७ शोधनिबंध प्राप्त झाले होते. त्यापैकी निवडक १९३ शोधनिबंध सहभागींनी सादर केले. कार्यक्रमाचे सूत्रसंचालन डॉ. सुरेश लिमकर यांनी केले तर आभार सबा शेख यांनी मानले.

Pune Main
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एआयएसएसएमएस आयओआयटीत परिषद उत्साहात

पुणे : एआयएसएसएमएस आयओआयटी महाविद्यालयात आयईईई-इमर्जिंग स्मार्ट कंप्युटिंग अँड इन्फॉर्मेटिक्स-ईएससीआय -२०२४ विषयावर सहावी आंतरराष्ट्रीय परिषद आयोजित करण्यात आली होती. एआयएसएसएम सोसायटीचे खजिनदार अजय पाटील, आयईईई पुणे विभाग उपाध्यक्ष डॉ. अमर बुचडे, परिषद अध्यक्ष डॉ. विवेक देशपांडे, एसआयजी (परवडणारी शेती) आयईईई पुणे विभाग अध्यक्ष जगदीश चौधरी यांच्या हस्ते उद्घाटन पार पडले.

या परिषदेच्या उद्घाटनासाठी पद्मभूषण डॉ. दीपक धर उपस्थित होते. त्यांनी 'संख्याशास्त्राचा वापर आणि गैरवापर' या विषयावर आपले विचार मांडले. सहसचिव सुरेश शिंदे यांनी उद्घोत्सुख स्मार्ट संगणन

काम करण्यास प्रोत्साहित केले. प्राचार्य डॉ. पी.बी. माने म्हणाले, नवीन संशोधकांना त्यांच्या नावीन्यपूर्ण कल्पना आणि ज्ञान शेअर करण्यासाठी व्यासपीठ उपलब्ध करून देण्यासाठी या परिषदेचे आयोजन करण्यात आले आहे.

आयईईईच्या पुणे विभागाचे मानद सचिव अभिजित खुर्पे यांनी आयईईई पुणे विभागाच्या उपक्रमांवर प्रकाश टाकला. स्पेस ऑप्लिकेशन सेंटर- इस्रो, अहमदाबादचे संचालक नीलेश देसाई यांनीही आपला संदेश पाठवला. ते म्हणाले की, ही परिषद निश्चितपणे अंतिम वापरकर्ता अनुप्रयोग दृष्टीकोनासह तंत्रज्ञानाच्या सीमांवरील परस्परसंवाद, ज्ञानाची देवाणघेवाण आणि संशोधन चर्चा करण्यासाठी आवश्यक व्यासपीठ प्रदान करेल.

तांत्रिक अध्यक्ष डॉ. एम. ए. थलोर यांनी पेपरसची माहिती दिली. परिषदेमध्ये स्मार्ट कॉम्प्युटिंग, इंटरनेट ऑफ थिंग्ज आणि इमेज आणि सिग्नल प्रोसेसिंग या तीन ट्रॅकसह ६ प्री-कॉन्फरन्स ट्युटोरियल्स आणि १४ विशेष

सत्रे होती. परिषदेसाठी चीन, इराक, यूएसए, तुर्की, श्रीलंका इ. देशांद्वारे एकूण १४५७ शोधनिबंध प्राप्त झाले होते, त्यापैकी निवडक १९३ शोधनिबंध सहभागींनी सादर केले.

या सोसायटीचे मानद सचिव मालोजीराजे छत्रपती यांनी एआयएसएसएम सोसायटीच्या वतीने पाहुणे आणि सहभागींना आपला शुभेच्छा संदेश पाठवला. कार्यक्रमाचे सूत्रसंचालन डॉ. सुरेश लिमकर यांनी केले, तर आभार सबा शेख यांनी मानले.

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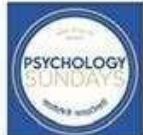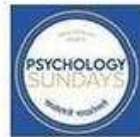
Photo Gallery

Annexure

ESCI 2024 PLAGIARISM SUMMARY REPORT

Sr. No.	Paper ID	Paper Title	Plagiarism	Plag. Status
1.	VY_01	Consolidated Cyber security Framework Along With Auxiliary Methods For Information Technology In Healthcare Systems And Operations	29%	OK
2.	VY_02	Big Data Storage Management For Healthcare Facility Administration Usingno-SQL Databases	19%	OK
3.	VY_03	Cloud Computing Advances: Revealing Versatility, Benefits, And Future Trends	16%	OK
4.	VY_04	Secure And Transparent E-Voting: A Blockchain Solution For Digital World	21%	OK
5.	VY_05	Optimizing Vertical Mobility: Harnessing Machine Learning To Reduce Passenger Wait Times In Elevators	20%	OK
6.	VY_06	Block-Chain-Based Decentralized Finance (Defi) Applications	34%	NOT OK
7.	VY_07	Climate Change Impacts Health, Agriculture, Monsoon Patterns, And Prospects Of Carbon Capture Technology	24%	OK
8.	VY_08	Pythonic Secrets Unraveling The Art Of Cryptography	14%	OK
9.	VY_09	Diabetes Prediction Using Machine Learning	17%	OK
10.	VY_10	Digital Filter Design Using Soft Computing Technique	26%	OK
11.	VY_11	Driver Drowsiness Detection System	17%	OK
12.	VY_12	Health Risk Management Using AI	83%	NOT OK

13.	VY_13	Lenet-5 Model For Traffic Signal Classification	46%	NOT OK
14.	VY_14	Optimization Of A Car Rental Business Model To Fulfill The Demand With Better Value For Money From The Market Insights	16%	OK
15.	VY_15	Enhancing Elevator Efficiency Machine Learning For Minimizing Passenger Wait Times	16%	OK
16.	VY_16	Sipsmart Elevating Palates With Machine Learning For Wine Quality Prediction	24%	OK
17.	VY_17	Virtual Reality (VR) In Work Environment For Stress Reduction	28%	OK
18.	VY_18	A Circularly Polarized 2x2 Element MIMO Antenna With Dual Band For V2X Applications	19%	OK
19.	IW 01	Transfer Learning Based Breast Cancer Prediction Using Ultrasound Images	46%	NOT OK
20.	IW 02	Bidirectional Sign Language Assistant With Mediapipe Integration	18%	OK
21.	IW 03	Classification Of Gastrointestinal Diseases From Endoscopic Images Using Convolutional Neural Network With Transfer Learning	42%	NOT OK
22.	IW 04	Context-Aware Ranking Based Restaurent Food Recommendation System	15%	OK
23.	IW 05	Discover Image Restoration: Analysis And Novel Architectural Proposal	34%	NOT OK
24.	IW 06	Emergency Vehicle Classifier: Real-Time Detection And Classification Using Deep Learning.	26%	OK
25.	IW 07	Harnessing Deep Learning For Accurate	37%	NOT OK

		Heart Disease Diagnosis		
26.	IW 08	Exploring Intrusion Detection Approaches In Smart Home Environments: A Comprehensive Review	17%	OK
27.	IW 09	Cached-N-Proxy: An Intelligent Proxy Algorithm For Preventing Insider Email Threats To Mail Servers	6%	OK
28.	IW 10	Publicly Verifiable Boolean Query Over Outsourced Encrypted Data	73%	NOT OK
29.	IW 11	Malware Analysis Using Machine Learning With Semantic Behaviors	8%	OK
30.	IW 12	Real-Time People Counting Using Opencv	11%	OK
31.	IW-13	Machine Learning And AI Tool Predicts Parkinson Disease	64%	NOT OK
32.	SR_01	Revolutionizing Intelligent Reflecting Surfaces: Deep Learning-Driven Channel Estimation	31%	NOT OK
33.	SR_02	Design And Performance Evaluation Of A Pressure Swing Zeolite Oxygen Concentrator	28%	OK
34.	SR_03	Multimodal Sentiment Analysis: Integrating Text And Image-Based Approaches	24%	OK
35.	SR_04	Design And Development Of Bicopter Drone For Surveillance	15%	OK
36.	SR_05	Comprehensive Analysis Of Different Boosting Techniques For Attack Detection In Iot Network	33%	NOT OK
37.	SR_06	Abstractive Summary Generation Of Meeting Audio Files	33%	NOT OK

38.	SR_07	Energy Aware IRS-Aided Wireless Network For Next Generation Iot	28%	OK
39.	SR_08	Advancing IRS-Aided Channel Estimation Through Deep Learning	28%	OK
40.	EP01	Design And Fabrication Of Semi-Automatic Vegetable Peeling Machine	10%	OK
41.	EP02	Semi-Automatic Pest Detector & Pesticide Spraying Bot In Hydroponics & Aeroponics Crops	21%	OK
42.	EP03	Low - Cost Power Generating And Discharge Brick	13%	OK
43.	EP04	Oil Pipeline Risk Estimation Using IOT With Deep Learning Network	19%	OK
44.	EP05	Detection And Characterization Of Thyroid Cancer Nodule Using Deep Neural Networks – A Review	48%	NOT OK
45.	EP06	Detection of control valve diagnosis and pipeline Leakage Using Machine Learning	22%	OK
46.	EP07	Brake Pad Monitoring System	3%	OK
47.	EP08	Online Gui Based Frequency Response Analysis Of First Order Bldc Motor	16%	OK
48.	EP09	Performance Comparision Of Indirect Solar Dryer With Electric Dryer In Drying Red Chilli	18%	OK

49.	EP10	Stratifying Dermatological Illnesses Found In India: Non-Invasive Diagnostics Based On Residual Network And Support Vector Machine Integration	21%	OK
50.	EP11	Enhancing Breast Cancer Image Classification: Minimizing Features With Optimized Feature Extraction And Transfer Learning Techniques	29%	OK
51.	EP12	A Circularly Polarized 2x2 Element MIMO Antenna With Dual Band For V2X Applications	19%	OK
52.	EP13	Enhanced Human Activity Recognition: A Contex Based Two-Stream Framework For Learning Temporal And Spatial Features	25%	OK
53.	GC_01	Moving Beyond Serverless Edge Computing: Serverless Fog Computing For The Future Iot	20%	OK
54.	GC_02	Assessing Computational Models Of Automatic Video Generation Apps	9%	OK
55.	GC_03	Emoneuro Textanalyzer: A Novel Computational Emotion Model	14%	OK
56.	GC_04	An Investigation Of Load Balancing Algorithms For Cloud Computing	25%	OK
57.	GC_05	A Comprehensive Review Of AI-ML Synergy In Intelligent Digital Twins	32%	NOT OK
58.	GC_06	Efficient Surveillance Video Summarization With Time-Stamped Object Tracking	12%	OK

59.	GC_07	Tracing Missing Person Through Facial Recognition Using Deep Learning	8%	OK
60.	GC_08	Audio Feedback Through Realtime Object Detection Using Yolov5	19%	OK
61.	GC_09	A Novel Approach To Twins Identification And Classification Using Machine Learning	18%	OK
62.	GC_10	Deep Dive In Identifying Vacant Parking Spaces Using Deep Learning	13%	OK
63.	GC_11	Smart Guard: Unraveling Credit Card Fraud Patterns Using Decision Tree And Xg-Boost Algorithms	25%	OK
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86	212	SMART HOME: AUTOMATIC PLANT WATERING AND INTRUDER DETECTION SYSTEM	11%	1%	OK

87	213	Review of Methods for Automatically Identifying and Diagnosing Mental Health Issues	33%	22%	NOT OK
88	214	Prediction of personality for mental health detection using hybrid deep learning model	20%	1%	OK
89	215	ResNet vs Inception-v3 vs SVM: A Comparative Study of Deep Learning Models for Image Classification of Plant disease detect	27%	3%	OK
90	217	Facial Emotion Recognition Using Machine Learning and Deep Learning Approach	28%	3%	OK
91	218	Fake user identification and detection using Machine learning	26%	10%	OK
92	220	Stock Market Prediction using LSTM.	13%	2%	OK
93	221	An Assessment of Requirement Engineering Practices in the IT Companies of South Gujarat Region of India	14%	1%	OK
94	222	Credit Card Fraud Detection Using Machine Learning	20%	4%	OK
95	223	Comparative Analysis of Outlier Elimination Algorithms on Pulsar Stars Dataset	25%	3%	OK
96	224	A Comparative Study on Artificial Neural Networks and Convolution Neural Networks on Image Classification Problems	18%	2%	OK
97	225	Lung Cancer Disease Detection	26%	3%	OK
98	226	PHISHTOR: PHISHING DETECTION USING MACHINE LEARNING	22%	2%	OK
99	227	Advances in rice disease diagnosis: A comparison between transfer learning and convential machine learning	38%	4%	NOT OK
100	229	Alzheimer's disease Diagnosis using Machine Learning and Deep Learning Techniques	40%	2%	NOT OK
101	233	Smart Navigation With crime Clustering and SOS Alert	13%	2%	OK
102	237	A Survey of Techniques for Knee Osteoarthritis Detection and Severity Grading using DeepLearning	45%	3%	NOT OK

103	238	A Web Application to live monitor the farm supplements in Rythu Bharosa Kendra	13%	2%	OK
104	239	Identification of Sign Language Alphabets on Static Images Using Deep Learning	19%	2%	OK
105	243	Lung Cancer Disease Detection	26%	3%	OK
106	247	Smart Shopping System using RFID and NodeMCU	14%	7%	OK
107	250	"Automatic Text Summarization and Translation using NLP With its functioning in AI: A Brief Review"	25%	13%	NOT OK
108	251	Fake product detection using blockch	22%	4%	OK
109	252	A Future Perspective: Career Guidance Powered by AI	19%	1%	OK
110	254	A COMPREHENSIVE SYSTEM FOR SCHEDULING MEDICAL APPOINTMENTS AND SERVICES USING ARTIFICAL INTELLIGENT	30%	13%	NOT OK
111	257	SHAP Analysis: Identification of Factors Enhancing Diabetes Detection Using Boosting Algorithms	28%	10%	OK
112	260	REGIONAL BASED TOURISM MANAGEMENT APPLICATION	5%	1%	OK
113	261	A Comprehensive Survey on Text Similarity Detection Techniques	25%	2%	OK
114	267	Revolutionizing Knee Osteoarthritis Assessment: A Comprehensive Exploration of Deep Learning Methods for Detection and Severity Classification	45%	3%	NOT OK
115	268	LSTM-Based Next Keyword Prediction	17%	1%	OK
116	271	Image Description Generation using Deep Learning: A Comprehensive Overview	22%	4%	OK
117	272	A Survey of Various Real-Time Applications of Web3 and Blockchain Technology	15%	2%	OK
118	273	Elevating College Operations: A Survey on Digital Academic Passport	20%	2%	OK

119	274	A Survey of Music Recommendations based on Emotion Recognition	235	13%	OK
120	275	A Survey of Law-GPT: An AI Enabled Legal Advisor	19%	6%	OK
121	276	Survey of Language Models in the Financial Domain	36%	8%	NOT OK
122	277	Towards Decentralized and Secure Image Sharing: A Review of Blockchain and IPFS-Based Solutions	26%	6%	OK
123	280	Personalized Movie Recommendation System A Comprehensive Survey	14%	2%	OK
124	283	A Survey of Coder's Battle Room Using Cloud Computing	46%	4%	NOT OK
125	284	A Research Survey on Optimal Crop Recommendation Systems Integrating Market and Climatic Conditions	23%	3%	OK
126	286	Ensemble Machine Learning Models to Forecast Sales	25%	3%	OK
127	289	Non-Invasive Glucose Measurement using Machine Learning	26%	1%	OK
128	290	Machine Learning for Non-Invasive Blood Sugar Monitoring	26%	1%	OK
129	291	ENERGY EFFICIENT RESOURCE UTILIZATION IN CLOUD FOR A GREEN ENVIRONMENT	69%	57%	NOT OK
130	295	University Schedule Generator	25%	2%	OK
131	296	Time series forecast with stock's price candlestick patterns and sequence similarities	16%	6%	OK
132	300	A Survey On Indoor Navigation Using Augmented Reality	19%	3%	OK
133	301	Enhanced Pneumonia Detection using ResNet-50 and Fuzzy Logic Integration	19%	2%	OK
134	302	Prediction of Alzheimer's disease using Machine Learning Algorithms: A Comparative Analysis	25%	4%	OK
135	303	A Comparative Analysis of Customer Churn Prediction Models in Python Using Scikit-Learn	16%	5%	OK

136	304	Comparative Study for Performance Analysis of Machine Learning Algorithms for Survival of COPD Patients	43%	11%	NOT OK
137	305	Analysis of Hyper-Threading Technology Using On-die Performance Monitoring Counters	10%	1%	OK
138	307	DOstG Friendship with the Voiceless	14%	6%	OK
139	309	Analysis of Machine Learning Models for Stock Market Prediction	20%	1%	OK
140	310	Annotating Fashion Images and Scraping Similar Products Over Web	11%	1%	OK
141	311	Recommendation for Jobs And Resume Analyzer Using NLP	11%	3%	OK
142	312	ANN Based Approach for Electricity Theft Detection in Single Phase Energy Meters	17%	9%	OK
143	313	Brain-Computer Interfaces in Assistive Technology and Rehabilitation	26%	3%	OK
144	316	Image-Based Oral Disease Detection: A Convolutional Neural Networks Approach	16%	5%	OK
145	318	Augmented Reality based Indoor navigation Using A* Algorithm and Unity	29%	5%	OK
146	319	Business Response Prediction based on Consumer Behaviour Patterns	19%	2%	OK
147	321	Prediction of Diabetes Mellitus Disease Using Supervised Machine Learning Models	24%	4%	OK
148	323	A Fuzzy Trust Model for Ethereum Blockchain	18%	5%	OK
149	325	Enhancing Identity Security With Self-Sovereign Identity And Blockchain: An Implementation Approach	19%	4%	OK
150	326	Deep Learning Classification on Early Detection of Pancreatic Cancer Using CT Scan	19%	6%	OK
151	327	Diet Plan and Home Exercise Recommendation system using Smart Watch	24%	2%	OK

152	328	Predictive Modeling for Custom Motorcycle Pricing: A Machine Learning Approach	24%	3%	OK
153	329	From Text to Treatment: An Overview of Artificial Intelligence Chatbots in Healthcare	34%	9%	OK
154	330	A Dual-Action Approach to Mosquito Control: Harnessing Mosquitoes Affinity for Light with Metofluthrin's Lethality	12%	1%	OK
155	332	A survey on tiered memory architectures and learned memory access strategies to study the feasibility of their intersection	17%	10%	OK
156	336	Advancements in Machine Learning for Sugarcane Yield Prediction: A Comprehensive Review	26%	3%	OK
157	341	Predictive Modeling for Urban Air Quality: A Machine Learning Comparison Study	16%	3%	OK
158	342	Review on Question Paper Generator And Analysis	23%	3%	OK
159	345	Wi-Fi Inter-Network Simulation and Performance Analysis Using QualNet	7%	1%	OK
160	346	Enhancing Swipe Typing with Gated Linear Transformer	20%	2%	OK
161	350	Sentiment Analysis from Reviewer's comments from E-Commerce sites Using A Natural Language Processing	29%	7%	OK
162	351	Anti Keylogger Software: Analysis of cybercrimes using Artificial Intelligence	5%	1%	OK
163	352	An Efficient Method for Predicting Sepsis using Light Gradient Boosting Machine Classifier in Comparison with Multi-Layer Perceptron Classifier	43%	10%	NOT OK
164	353	A Novel AlexNet Stochastic Gradient Descent algorithm for Sign Language Recognition using the Indian language dataset with improved accuracy and comparison over Stochastic Gradient Descent Algorithm	42%	14%	NOT OK

165	354	Performance Analysis of Enhanced XGBoost Algorithm and Decision Tree Regression for Prediction of Mobile Price	39%	5%	NOT OK
166	356	Accuracy Of Fetal Head Examination of an Ultrasound Image Using Level Set and Active Contour	48%	14%	NOT OK
167	357	Efficient Prediction of Email Spam Using Novel Recurrent Neural Network Compared Over Convolutional Neural Network with Improved Accuracy	52%	22%	NOT OK
168	361	Comprehensive Exploration of the Role of Graph Databases like Neo4j in Cyber Security	13%	1%	OK
169	362	Temper Proof Vaccine Distribution Records Using Block Chain Technology	14%	2%	OK
170	364	Automative Feedback System for Descriptive Answers in LMS using Machine Learning Algortihm	20%	2%	OK
171	365	Digital Transformation in B2B Destination Management Companies: An Intuitive Django Web Application	13%	1%	OK
172	366	Applying Several Machine Learning Models to Tuberculosis Dataset and Evaluating the Results Based on Models Accuracy	47%	21%	NOT OK
173	369	ADVANCED MACHINE LEARNING CRYPTO PRICE PREDICTION AND SIMULATION TRADING	17%	2%	OK
174	370	A Survey on Information Retrieval: Candidate Shortlister For Recruitment Process	47%	4%	NOT OK
175	373	An Efficient Irrigation Prediction for Intelligent Farming System	20%	2%	OK
176	377	Obsrvi- Study Of System Observability and Performance Analysis Tool Paper	22%	2%	OK
177	378	A Secure Data Sharing and Authorized Searchable Framework	52%	42%	NOT OK
178	380	Tamper-Proof Vaccine Distribution Records	18%	3%	OK

179	382	Crop disease detection and diagnosis	31%	8%	NOT OK
180	384	Utilizing Bayesian Networks to Augment DecisionMaking for Dengue Outbreak Response in Public Health Systems	22%	4%	OK
181	387	A Domain-Adapted Machine Learning Technique for Visualizing Robotic Skills	41%	21%	NOT OK
182	388	Deep Learning Approach for Diagnosis of Epilepsy on Electroencephalogram	17%	2%	OK
183	391	Machine Learning Based Decision Trees for Energy Meter Inspection in Power Sector	13%	1%	OK
184	394	To design and implement application for bank customer churning rate prediction and analysis using machine learning Algorithm.	21%	2%	OK
185	396	WorkHub: ML Based System For Client And Worker	19%	5%	OK
186	397	FGSM Variants in White Box Settings: A Comparative Study	40%	6%	NOT OK
187	400	Comparing the Accuracy of Support Vector Machine and Random Forest Algorithms in Predicting Road Accidents	13%	2%	OK
188	402	Hate Speech: A Comprehensive Study on Machine learning Detection Techniques	28%	4%	OK
189	406	Agronomic Algorithms: Decentralizing Jute Disease Detection with Federated CNNs	15%	1%	OK
190	408	Speech Emotion Recognition Using LSTM Model	26%	3%	OK
191	409	Fake Review Detector	22%	4%	OK
192	414	An Extensive Diagnosis System of Early depression symptoms Using Machine Learning Algorithm	24%	2%	OK
193	415	CLASSIFICATION OF HEART DISEASE PREDICTION USING MACHINE LEARNING ALGORITHM	36%	17%	NOT OK
194	416	"Samiksha"- A Book Review System	14%	2%	OK

195	417	Next-Gen Chatbot Experiences: A Cloud-Based Approach with Amazon Lex	15%	3%	OK
196	418	Development of Online Rent Based Web Application.	26%	7%	OK
197	419	A study on the Indian consumers' attitude regarding banking in the metaverse	16%	1%	OK
198	420	Exploring the challenges in implementing blockchain in the supply chain	18%	2%	OK
199	421	Regression-Based Analysis of Multimodal Single-Cell Data Integration Strategies	30%	5%	OK
200	427	Engineering College Admission Predictor Using Bagging Ensemble Modelling	19%	10%	OK
201	439	Real Estate Cost Prediction Through Web Application Using Random Forest Machine Learning Algorithm and Python Flask	34%	13%	NOT OK
202	441	Reinforcement Learning Through Human Feedback	18%	2%	OK
203	442	Enhancing Cloud Security: A Study on Optimized Key Generation for Authentication	11%	1%	OK
204	443	Blockchain-Backed Citizen Feedback Platform	7%	1%	OK
205	444	Minutes of Meeting Generation for Online Meetings Using NLP & ML Techniques	14%	1%	OK
206	448	Transparent Charity Application using Blockchain	12%	2%	OK
207	451	Smart Communication by Speech Processing in Land Armored Vehicles using Node Computer	10%	1%	OK
208	454	Blockchain Based Land Registry System	21%	9%	OK
209	457	Effective and Automatic Summarization of Scientific Papers using Deep Learning Approach	16%	2%	OK
210	460	TrustyTrace: Supply Chain Management Application using Blockchain	8%	2%	OK
211	461	NFT art marketplace using blockchain	10%	5%	OK

212	464	Cached-N-Proxy: An Intelligent Proxy Algorithm for Preventing Insider Email Threats to Mail Servers	6%	1%	OK
213	465	Tender Allocation System Using Blockchain	11%	2%	OK
214	466	Length Controlling Abstractive Text Summarization using Greedy Approach	43%	3%	NOT OK
215	469	Precise customer Targeting using ML	16%	2%	OK
216	476	Harnessing Big Data Analytics for Sustainable E-Waste Management: A Comprehensive Study on Energy Optimization, Waste Reduction, and Environmental Monitoring	12%	1%	OK
217	477	Quick Seva : An Emergency Application	13%	2%	OK
218	478	E-Voting system using Blockchain	26%	3%	OK
219	479	Accelerate Ambulance Routing using Infotainment System	7%	4%	OK
220	480	An innovative way to increase the speed and efficiency of reverse mapping of Elliptic Curve Points	24%	4%	OK
221	485	Personalized Artificial Intelligence Enhanced Learning Platform	10%	1%	OK
222	486	SDN-enabled Smart Building Energy Management for Hybrid Solar-Geothermal Integrated System	16%	1%	OK
223	487	Reliable and Stable Routing in VANET using Multi-Objective Function Aided K-Means Clustering with Advanced Pelican Optimization Algorithm	16%	1%	OK
224	488	Human Disease Prediction Using Machine Learning	30%	4%	OK
225	490	Leveraging Seaborn and XGBoost for Customer Analysis and Early Dissatisfaction Detection	9%	1%	OK
226	493	Software Defect Prediction by Logistic Regression with Gradient Descent Cost Computation	28%	1%	OK
227	495	DataSafeHealth	17%	3%	OK
228	497	Abnormal gesture perception for Cognitive disorder using AI-ML	29%	4%	OK

229	500	Unmasking Disinformation: Fake News Detection using Machine Learning Techniques	30%	1%	OK
230	501	AKSHAR: Text Processing Tool	18%	1%	OK
231	502	Brain Tumour Classification using Machine Learning Algorithms	39%	19%	NOT OK
232	506	Machine Learning Approach To Android Malware Detection	27%	10%	OK
233	507	Blockchain-Based Renewable Energy Certificates (RECs)	12%	2%	OK
234	512	Predicting Employee Productivity using Random Forest an Analysis of the Relationship between Internet Usage and Work Performance	25%	3%	OK
235	513	Forecasting of a University Graduate School Enrolment using Regression Analysis Model	31%	5%	NOT OK
236	514	Identifying At-Risk Students: A K-Means Clustering Approach for Early Detection and Prevention of Possible Undergraduate Dropouts	28%	7%	OK
237	516	Evolution of methodologies and comparative analysis of different development paradigms	29%	11%	OK
238	518	Heritage Identification of Monuments using Deep Learning Techniques	18%	5%	OK
239	519	AI-Powered Automated Wheelchair based on Lane Detection with Gesture, Voice, and Face Recognition	23%	3%	OK
240	522	Detection and Analysis of Criminal Profiles using Artificial Intelligence.	25%	11%	OK
241	524	Android App for People with IDD to Report Abuse	20%	4%	OK
242	526	Be My Eye (Third Eye For Blind People)	13%	1%	OK
243	529	SCSYGPS : Students Course-wise, Semester-wise and Year-wise Grade Prediction System in Education Sector using Supervised Learning	33%	2%	OK
244	530	Recommending the Rules related to Course Grades in Education Sector using SKCAAR Algorithm	23%	5%	OK

245	531	Predictive Modeling of Polymer properties from Polymer Genomic Data using Machine Learning Approaches	22%	2%	OK
246	532	The Future of Crop Health: CNN-Based Smut Disease Detection in Sugarcane	20%	3%	OK
247	538	Predictive Modeling for Student Placement in Educational Institutes	16%	4%	OK
248	540	Title: Cyber-Physical Systems: Bridging the Gap between Computing and the Physical World	2%	1%	OK
249	541	Enhanced Pothole Detection in Road Condition Assessment Using YOLOv8	23%	2%	OK
250	542	Reverse Prompt Engineering in Coding Paradigms	4%	1%	OK
251	543	Enhanced Transformer: Knowledge Tracing with Incorporation of Temporal Features	23%	3%	OK
252	544	Revolutionizing Smart Computing: Trends in Intelligent Data Analytics	7%	1%	OK
253	545	Ethical Considerations in the Era of Smart Computing and Big Data	17%	2%	OK
254	547	Sign Language Detection System With Text to Speech Conversion	17%	5%	OK
255	548	Who is Influencing Research in Deep Learning? A Bibliometric Study of Top 100 Research Papers	27%	3%	OK
256	549	Cross-Dialect Sentence Transformation: A Comparative Analysis of Language Models for Adapting Sentences to British English	96%	93%	NOT OK
257	550	A Novel Outline on Legal Documentation Assistant for General Public using Convolutional Neural Network	25%	2%	OK
258	551	AI-Optimized Eco-Charge Regeneration Technology in EV	16%	2%	OK
259	552	Machine learning algorithms for prediction of stock market: A systematic literature review	25%	7%	OK

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260	555	SMART STREET LIGHT SYSTEM USING BLOCKCHAIN	14%	10%	OK
261	556	Deep Learning Based Classification of the Big Four Snake Species Using Visual Features	16%	2%	OK
262	558	Smart Farming: Integrated Federated Learning CNNs for Brinjal Leaf Disease Detection	15%	2%	OK
263	559	Severity Stratification of Brinjal Leaf Diseases: A Federated Learning CNNs Approach	19%	2%	OK
264	560	Transformative Diagnostics: The Rise of Federated Learning CNNs in Papaya Leaf Disease Detection	13%	2%	OK
265	561	A New Age for Agricultural Diagnostics: Federated CNN for Papaya Leaf Diseases	16%	2%	OK
266	565	Analyze Cyber Attack Detection & Prediction Using Machine Learning Algorithms	98%	95%	NOT OK
267	568	HealthVault: A Blockchain-based Patient Health Records Management System	18%	2%	OK
268	573	YOLOv3 Based Deep Learning Model for Weapon Detection	22%	4%	OK
269	574	Enhancing College Engagement: A Multimedia-Enriched Website for IET, Lucknow	13%	2%	OK
270	579	Preventing 51% Attacks in Blockchain Networks: A Deep Dive into Novel Defence Mechanism	21%	9%	OK
271	580	Eye tracking-based wheelchair control and SOS system	17%	6%	OK
272	583	NFTCert: Streamlining Certificate Creation and Verification with Blockchain and NFTs	12%	1%	OK
273	585	Almond Leaf Diagnostics: Federated Learning and CNN for Accurate Disease Prediction	19%	3%	OK
274	586	Innovative Severity Assessment of Almond Leaf Diseases using Federated Learning CNNs	19%	2%	OK

275	588	Sports Match Video to Text Summarization using Neural Network	18%	2%	OK
276	592	Stock Market Prediction Using Machine Learning	22%	9%	OK
277	593	CommuteEZY: Optimized Commute Occupancy Monitoring Platform	8%	2%	OK
278	594	An In-Depth Investigation into Automatic Dubbing leveraging ASR, Machine Translation and Deep Voice 3	20%	4%	OK
279	595	Airline Passenger Satisfaction Prediction Using Machine Learning Techniques	16%	2%	OK
280	597	Machine Learning for Cardiovascular Disease Prediction: A Comparative Analysis of Models	16%	1%	OK
281	603	A Review on Cyberbullying Detection on Twitter	18%	2%	OK
282	604	Elevating Aloe Vera Leaf Disease Detection through Federated Learning CNNs	16%	3%	OK
283	605	Precision Agriculture: Federated Learning CNNs Aloe Vera Leaf Disease Analysis	14%	2%	OK
284	608	Blockchain-Based Document Generation And Verification System	20%	14%	NOT OK
285	627	ChatVerse: Connect through voice, video and text channels	10%	1%	OK
286	629	Ingenious Waste Management: Implementing Machine Learning in Waste Segregation	18%	3%	OK
287	630	DDoS Attack Classification on Cloud Environment Using Machine Learning Techniques	23%	4%	OK
288	631	An Investigation on the level of Customer Satisfaction with E-Banking Services with a special focus on the Delhi - NCR Region.	23%	8%	OK
289	633	An Investigation on the level of Customer Satisfaction with E-Banking Services with a special focus on the Delhi - NCR Region.	30%	19%	NOT OK

290	635	Review of Detection of DDoS attack using Machine Learning Techniques	26%	2%	OK
291	636	A simplistic approach for Movie Recommendation Systems	39%	10%	NOT OK
292	644	Sentiment Analysis of Social Media Comments	25%	3%	OK
293	646	Adaptive Linux OS Theme Selection using Deep Learning for User Mood Enhancement	23%	2%	OK
294	647	Comparative Analysis of TF-IDF and BERT for Resume-Job Description Matching: A Deep Dive into Traditional and Neural Approaches	13%	2%	OK
295	650	SpireMetrics: An Integrated Approach for Student Feedback Analysis and Sentiment Prediction	15%	1%	OK
296	651	CogniVisio: Fusion Image Classifier	10%	2%	OK
297	652	Advancing NLP for Punjabi Language: A Comprehensive Review of Language Processing Challenges and Opportunities	15%	2%	OK
298	653	Semantic Segmentation and Survival Prediction of the Brain Tumor MRI using Deep Learning Technique	19%	2%	OK
299	655	A Bibliometric Analysis of Machine Translation and Different Evaluation Metrics for Indian Languages (1993-2023)	29%	3%	OK
300	656	Two way paging	12%	10%	OK
301	657	Fault-tolerant systems	14%	10%	OK
302	659	Prediction of Heart Disease by using Machine Learning Algorithms	27%	3%	OK
303	660	Machine Learning Technologies for Cardiovascular Diseases Early Identification	25%	8%	OK
304	661	Metabolic Syndrome Prediction using Machine Learning	34%	10%	NOT OK
305	664	The Age and Gender Detection using Deep Convolution Neural Network	28%	2%	OK
306	665	Handwritten Digits Prediction System using Convolution Neural Network for MINIST Dataset	21%	3%	OK

307	667	DIABETES MONITORING SYSTEM USING ML	11%	2%	OK
308	668	An AI –Based Supply Chain Management Optimization	44%	33%	NOT OK
309	671	Machine Learning Based IPL Fantasy Cricket Dream11 Best Team Prediction	15%	1%	OK
310	673	Stock Market Prediction Using Machine Learning	22%	11%	NOT OK
311	676	Role of Non Fungible Tokens in Transforming Academic Credentials for Trust and Transparency	14%	1%	OK
312	677	Enhancing Mobile Roommate Matching with Aritficial Intelligence: A Progressive Framework	9%	1%	OK
313	685	Evaluating the Effectiveness of CRM Systems Through Management Information Systems	7%	1%	OK
314	686	Enhanced Footstep power generation system with RFID charging capabilities	22%	5%	OK
315	688	Campus Vehicle Monitoring and Alert System	1%	1%	OK
316	689	Design and Development of GAN Model for Video Frame Interpolation	28%	3%	OK
317	691	A Novel Approach for Congestion and Interference Management through Channel Assignment Optimization in Wireless Networks			
318	692	An Innovative Dynamic Method of Multiple Users Log Analysis	24%	3%	OK
319	693	Computational Paradigm for Advancing Lung Cancer Drug Discovery	15%	3%	OK
320	695	Utilizing Python-based data analytics for drug discovery in the context of Diphtheria – Guinea	12%	7%	OK
321	697	Brain Tumour Image Segmentation Using Deep Networks	56%	34%	NOT OK

322	702	A Systematic Review of Frequent Itemset Mining Algorithms and Their Capabilities	16%	3%	OK
323	705	CTC-CNN-Bidirectional LSTM based Lip Reading System	14%	2%	OK
324	707	Music Recommendations using Facial Emotion Detection	17%	5%	OK
325	710	Cloud-Powered Blockchain: A Survey on Ensuring Data Integrity with Ethereum's Wallet	15%	1%	OK
326	711	Intelli-diet monitoring system using pedometer sensor in android	12%	4%	OK
327	715	Tuna Search-Based Hyperparameter Optimization for Ensemble Classifier in IoT Intrusion Detection	9%	1%	OK
328	717	Electronic Voting System Using Blockchain	33%	27%	NOT OK
329	718	Securing Digital Transactions: Innovation in Online Payment Fraud Detection	48%	40%	NOT OK
330	719	Prediction of Kyphosis Disease Using Random Forest and Gradient Boosting Algorithm	24%	3%	OK
331	721	Temper Proof Vaccine Distribution Record	15%	2%	OK
332	722	Machine Learning based water requirement prediction for agriculture before a rainfall	28%	3%	OK
333	725	ADMISSION PROCESS CHATBOT- ADPRO	29%	7%	OK
334	729	Combating Fake News in the Digital Age: A Review of AI-Based Approaches	18%	1%	OK
335	731	Real time potholes detection and prevention using deep learning techniques	32%	8%	NOT OK
336	734	Revolutionizing Crypto Trading with Web3	14%	2%	OK
337	735	CHATBOT MUSIC RECOMMENDER SYSTEM BY APPLYING AI TECHNIQUES	9%	5%	OK
338	736	Automation of Forensic Artist in Criminal Investigation Using Generative Adversarial Networks (GAN)	96%	96%	NOT OK

339	737	An intellectual vrtual assistant system for enhanced independence of blind people	17%	5%	OK
340	739	To improve and design a data augmentation approach to boost the corpus for NMT system	18%	3%	OK
341	740	Integrated Women's Safety Application: A Comprehensive Platform Offering Secure Login, Emergency Panic, News Alerts, Route Navigation with Police Station Proximity, Incident Reporting, and Heatmap Visualization	14%	2%	OK
342	744	High Efficiency Two Port SEPIC Converter For Hybrid Charging Station	27%	2%	OK
343	745	An Elevating Cloud Infrastructure: A Sensor-Driven Approach to Intrusion Detection and Edge Computing	28%	19%	NOT OK
344	746	A Secured Cloud Architecture for Storing Image Data using Steganography	24%	11%	NOT OK
345	747	Fake News Detection using Decision Tree, Gradient Boost and Random Forest Algorithm	41%	4%	NOT OK
346	748	A Comprehensive Overview of Cryptography: From Ancient Techniques to Modern Applications	17%	1%	OK
347	749	From Classrooms to Screens: Understanding and Overcoming Excessive Device Use in Lockdown for Kids	22%	5%	OK
348	750	Question and Assessment Generator: Deep Learning Approach for Customizable and Intelligent Assessment Creation	22%	3%	OK
349	751	An observational Study for Cyber Security Awareness for High School Students and Impact of Cyber Security Risks	16%	2%	OK
350	752	Enhancing Image Segmentation Accuracy Using Deep Learning Techniques	38%	15%	NOT OK

351	755	Fish Feeding Management System: A Sustainable Approach for Aquaculture	13%	1%	OK
352	757	Dynamic resource aware VNF placement with deep inforcement learning for 5G networks	17%	4%	OK
353	758	River Cleaning Robot	21%	5%	OK
354	764	Analysis of the best creational design patterns in software development	Error	Error	Desk Reject
355	770	Synergizing Investment Portfolios: A Technologically Advanced Approach with Integrated Chatbot Capabilities	22%	5%	OK
356	776	Introduction to Artificial Intelligence, Overview and Applications	22%	2%	OK
357	780	Oil Spill Image Classification: Comparative Analysis of Alternative Approaches	15%	1%	OK
358	781	A Comprehensive Analysis of Internet Connectivity in Rural India	30%	27%	NOT OK
359	783	SANKSHIPT			
360	786	The Evolution and Potential of Conversational Agents in Healthcare	33%	5%	NOT OK
361	787	An Analysis of Deep Learning Models For Conversational Agents in Healthcare	30%	7%	OK
362	788	Suppression of Harmonics in Asynchronous Generator fed WES with STATCOM	94%	71%	NOT OK
363	791	Hate Speech Detection using Recurrent Neural Networks (RNN)	31%	3%	NOT OK
364	794	Utilization of Artificial Intelligence in Enhancing Biographical Narratives	27%	2%	OK
365	795	Agrifficient - Synergizing Agro Insights through Advanced Analytics and Imaging Technologies.	22%	7%	OK
366	796	A Machine Learning Enabled Approach for Mental and Physical Health Management Using OpenCV, NLP and IOT	14%	1%	OK
367	797	Intelligent E-Commerce Website	18%	3%	OK

368	798	TASK SCHEDULING ALGORITHM IMPROVEMENT IN CLOUD COMPUTING	25%	5%	OK
369	799	Analysis of Machine Learning Algorithms for Lung Cancer Prediction	18%	2%	OK
370	801	SECURING CLOUD INFORMATION UNDER KEY INTRODUCTION	21%	4%	OK
371	804	PERFORMANCE ANALYSIS OF NEURAL NETWORK IN AUDIO RECOGNITION	25%	6%	OK
372	805	GPS Based Distance Driven Toll Pricing System Using Blockchain Technology	18%	10%	OK
373	806	SECURING CLOUD INFORMATION UNDER KEY INTRODUCTION	21%	4%	OK
374	810	Revolutionizing HealthTech: The Synergy of AI and Cloud Computing for Precision Medicine and Optimal Healthcare	11%	3%	OK
375	812	Personalized Healthcare Recommendations with Q-Learning Reinforcement Learning	18%	2%	OK
376	813	PATIENT CLUSTERING OPTIMIZATION WITH K-MEANS IN HEALTHCARE DATA ANALYSIS	23%	4%	OK
377	818	Ensemble Classification Of Hydrogen Storage Materials Using Its Properties	34%	2%	NOT OK
378	820	Enhancing Student Placement with Cross-Platform Application	14%	3%	OK
379	823	A Prospective Forecast of Brain Stroke Using Machine Learning Techniques	18%	3%	OK
380	825	Skin Cancer Classification using CNN and TL	19%	7%	OK
381	826	Big Data Insights From Quantum Computing Improving E-Commerce Platforms Efficiency	23%	4%	OK
382	827	CDBO_DenseNet: CAViaR Dung Beetle optimization enabled deep learning for Diabetic retinopathy classification	23%	2%	OK

383	828	Air Quality Index Forecasting for Chennai City	33%	4%	NOT OK
384	830	Q-Net Compressor: Deep Learning Model Compression with Quantization	15%	2%	OK
385	833	Bifrost : No-Code ETL Tool	19%	2%	OK
386	834	The U-Net Model and its Variants: A Revolution in Medical Image Segmentation	11%	1%	OK
387	836	Anomaly detection using One-Class Support Vector Machines (OCSVM)	21%	2%	OK
388	840	ChatHub- All In One Chat Application	11%	5%	OK
389	843	REVIEW PAPER ON SPEECH EMOTION RECOGNITION	21%	13%	NOT OK
390	846	A Review on Deep Learning Based Recommendation System for Handling Data Sparsity	45%	2%	NOT OK
391	848	A Novel Natural Language Processing Based Model for Plagiarism Detection	15%	1%	OK
392	849	Gender Detection in Video Streams: A Deep Learning Approach for Ethical and Practical Applications	6%	1%	OK
393	850	A Comprehensive Framework for Evolving Movie Recommendation Systems in the Information-Driven Age	20%	13%	NOT OK
394	851	Image Segmentation Algorithms: A Comparative Analysis and Future Trends	17%	3%	OK
395	854	Privacy preservation techniques for smart contracts in blockchain	41%	6%	NOT OK
396	857	Design and Analysis of Multi-Protcol Conversion Unit for SPI, I2C and UART	17%	2%	OK
397	859	Satellite image dehazing with deep learning Pix-to-Pix with inception blocks	24%	12%	NOT OK
398	861	Future of Generative Artificial Intelligence	22%	4%	OK
399	863	Validation of 3-Phase AC-DC Converter designed on d-q Current Control and Space Vector Modulation Technique	31%	2%	NOT OK

400	869	Tech-Enhanced Parenthood: A Comprehensive Exploration of Arduino-Driven Automatic Baby Cradle	3%	2%	OK
401	872	Design and Development of AI enabled E-Learning Platform Using MERN Stack	27%	3%	OK
402	884	Automatic Query Generation for Passage Retrieval	20%	14%	NOT OK
403	885	Access Control and Anonymous File Sharing using IPFS and Blockchain	18%	2%	OK
404	886	WEB-BASED SECURE VOTING SYSTEM (CLOUD)	9%	2%	OK
405	887	YoZu: A curiosity companion for students	29%	4%	OK
406	889	A scrutinized survey on the accuracy of Sanskrit translation models	10%	1%	OK
407	890	A ML Approach for Predicting The Winner of IPL-24 Using Novel-Hybrid Classifier	20%	11%	NOT OK
408	894	Resnet-50-Based Detection of Diseases in Mango Leaves	29%	17%	NOT OK
409	895	Transconductance enhanced body-driven rail-to-rail non-tailed Class AB OTA	16%	5%	OK
410	897	Dragon Simulator Using Augmented Reality	23%	5%	OK
411	898	Youtube Comment Summarizer And Time Based Analysis	4%	1%	OK
412	902	Face Detection with Blood Pressure and SpO2 Detection: Revolutionizing Healthcare Monitoring and Wellness Management	15%	1%	OK
413	904	RideX-Intelligent Ride Detector	18%	2%	OK
414	909	TradeSense: Harnessing Supervised Learning for Trade Applications	23%	3%	OK
415	911	User Centric Chatbot for Stress Detection	4%	1%	OK
416	912	Advancements in Healthcare: Predictive Modeling for Early Disease Diagnosis and Patient Record Management	12%	2%	OK

417	913	Improved FCM based Segmentation and Self Improved Tuna Swarm Optimized Hybrid Classifier for Skin Cancer Detection	24%	2%	OK
418	914	Sahara: Initiative for Empowering disabled	15%	4%	OK
419	917	Predictive Analysis of Stock Market Trends	14%	3%	OK
420	920	A Comprehensive Study on Sentiment Analysis using Lexicon-Based and Machine Learning Approach for Textual Data	20%	1%	OK
421	921	Efficient Collaborative Filtering for Online Book Recommendation System	20%	2%	OK
422	922	Integration of Advanced Detection Technologies for Enhancing Terrain Safety Using Deep Learning	21%	2%	OK
423	923	Utilizing Deep Belief Networks for Consumer Behaviour Analysis in Retail Management	15%	1%	OK
424	924	A review on machine learning approaches on automated multiple sclerosis brain atrophy detection and volume quantification using MR images	29%	3%	OK
425	925	A Survey of crop recommendation system	33%	10%	NOT OK
426	926	TWO -WAY HAND SIGN TALK SYSTEM	18%	2%	OK
427	927	Genetic Algorithm-Based Time-Table Creation System	16%	2%	OK
428	929	Cheating Detection in Online Examination using Deep Learning	14%	1%	OK
429	931	Comprehensive Analysis of Probabilistic and Machine Learning Models for Speech Emotion Recognition.	5%	1%	OK
430	933	Indian Mythology Based Question Answering System	14%	2%	OK
431	934	Elevating COVID-19 Detection: Unveiling the Potential of Machine Learning and Deep Learning Algorithms through Comparative CT Scan Image Analytics	23%	3%	OK

432	936	Smart Crowdfunding- Implementing PriceTriggered Transactions for Enhanced Decentralized Fundraising on Ethereum	17%	8%	OK
433	940	Enhanced safety system for unprotected level crossings: Train distance indicator and opposite train detection	10%	3%	OK
434	941	Early detection of Cervical Cancer using Pap smears Images by Neural Network	23%	2%	OK
435	942	WE ARE WITH YOU(VAWY)	6%	2%	OK
436	943	Performance Analysis of Velostat, Conductive Fabric and Force Sensing Resistor for Incorporating Safety in Women's Jacket	14%	1%	OK
437	948	Machine Learning Prediction Model Assisted Millimeter wave Antenna Design	16%	2%	OK
438	951	Managing Complex Campus Networks Using Secure Software Defined Networking (SDN)	21%	8%	OK
439	952	RESEARCH PAPER ON THE IMPACT OF ARTIFICIAL INTELLIGENCE ON INNOVATION AND RESEARCH	49%	9%	NOT OK
440	954	Blockchain based Voting system	42%	6%	NOT OK
441	956	Advancing PAD Diagnosis using Breakthrough single chip solution	29%	5%	OK
442	957	Efficient Multicore Computing and High-Precision Arithmetic: A Comprehensive Guide to Multicore and Big Number Programming	21%	3%	OK
443	958	A Systematic Analysis of Techniques, Evaluation Metrics, and Datasets for Speaker Diarization	16%	2%	OK
444	961	Comprehensive Review on Optimization based Routing Protocol for Vehicular Ad Hoc Network	21%	6%	OK
445	965	Intelligent Plant Disease Diagnosis Using Machine Learning Techniques: A novel Approach to Enhancing Crop Health and Yield	32%	3%	NOT OK

446	966	Diabetes Prediction Using Logistic Regression	21%	4%	OK
447	967	Design and Development of Education Telegram Chatbots for Blended Learning	21%	7%	OK
448	972	Advancements in Quantum Error Mitigation Strategies for Reliable Quantum Computing on IBM Simulators	15%	3%	OK
449	974	Machine Learning Innovations in Safeguarding Online Financial Transactions	23%	2%	OK
450	979	Email Spam Classification using Machine Learning and Feed Forward Neural Network Approaches	12%	1%	OK
451	984	Fuzzy and Grey Time Series Models: Forecasting Cement Production in the Indian Context	21%	4%	OK
452	985	Empowering Algorithm Learning: A Next.js and TypeScript Web App	21%	2%	OK
453	986	SATELLITE IMAGES CLASSIFICATION BY USING ARTIFICIAL INTELLIGENCE TECHNIQUES	15%	1%	OK
454	988	EMERGENCY AID HUB FOR INSTANT FIRST AID AND EMERGENCY CALL	22%	2%	OK
455	990	A Review on Various Machine Learning Techniques For Intrusion Detection System	64%	19%	NOT OK
456	992	AutoCustomizeHub: THE NEXT-GEN CAR ACCESSORY CUSTOMIZATION PLATFORM	4%	3%	OK
457	995	Implementation of an Automated Answer Evaluation System	16%	1%	OK
458	997	ENHANCING DIABETIC RETINOPATHY ASSESSMENT: NON-PROLIFERATIVE STAGE IDENTIFICATION THROUGH CLAHE AND DATA AUGMENTATION METHODS OF DATA PREPROCESSING	24%	4%	OK
459	998	CNN-BASED SKIN DISEASE SYSTEM: A REVIEW			

460	1001	An Autonomous Solar Car	16%	2%	OK
461	1002	A Comprehensive Survey of Healthcare Applications for Web and Mobile Platforms	9%	6%	OK
462	1004	Decentralized Cab Booking Application Utilizing Blockchain, Smart Contracts and Oracle Networks	12%	2%	OK
463	1008	Blockchain Revolution in Healthcare: A Comprehensive Survey	20%	2%	OK
464	1009	Security & Privacy concern of Augmented Reality	17%	3%	OK
465	1010	Technology manouvre and intensification to ascertain and avert terrorism	22%	6%	OK
466	1011	Skin Cancer Identification using CNN:A Lightweight Model with Fine-Grained Classification	35%	17%	NOT OK
467	1017	Automatic Music Generation Using Deep Learning	4%	1%	OK
468	1020	An Improved Optimization Liver Disease Prediction using Particle Swarm Optimization (PSO)	31%	3%	NOT OK
469	1021	An Improved Optimization Liver Disease Prediction using Particle Swarm Optimization.	18%	2%	OK
470	1022	Leveraging GPT-4 Capabilities for Developing Context-Aware, Personalized Chatbot Interfaces in E-commerce Customer Support Systems	9%	2%	OK
471	1023	Applying Transformer-Based Neural Networks to Corpus Linguistic Data for Predictive Text Generation in Multilingual Environments	14%	1%	OK
472	1024	Wages Authentication System For Labours Welfare	6%	2%	OK
473	1028	Effect of Monetary Policy on Economic Growth: An Ordinary Least Square Approach	21%	2%	OK
474	1029	Time Series Evaluation of Influencing Factors of Poverty	39%	7%	NOT OK
475	1031	Context-aware Ranking based Restaurant Food Recommendation System	16%	5%	OK

476	1033	Analysing Health Data in India :A Retrospective Analysis of COVID-19 Through Combined Effects of Mortality Rates, Number of Cases, Air Pollution and Social Channels	32%	2%	NOT OK
477	1036	GridDR: Enhancing Grid Reliability using Demand Response Program	38%	12%	NOT OK
478	1037	Review of the Current Indian Railway Ticket Booking System	11%	2%	OK
479	1039	Automated Detection of Dysgraphia Symptoms In Primary and Middle School Children	24%	2%	OK
480	1041	A Survey of Big Data Analytics Tools and Techniques for Real-Time Decision Making	12%	1%	OK
481	1043	Artificial Intelligence Techniques For Monuments Identification	17%	3%	OK
482	1045	Blockchain-Powered Student Feedback for Enhanced Learning Experiences	11%	1%	OK
483	1048	A Comprehensive Survey of Financial Planning Strategies and Trends	30%	5%	OK
484	1050	A Blockchain Architecture for Secure Decentralized System and Computing	19%	10%	OK
485	1051	P2P Ownership Verification for Fake Products	25%	5%	OK
486	1052	Simulation research for network traffic classification	11%	2%	OK
487	1053	Impact of Blockchain in Healthcare: A Comprehensive Study	32%	8%	NOT OK
488	1054	FashionVLM - Fashion Captioning using Pretrained Vision Transformer and Large Language Model	24%	2%	OK
489	1056	Developing an AI-Driven Chatbot for Skin Disease Prediction: Customized CNN and Decision Tree Integration	23%	3%	OK
490	1058	Fruit and Vegetable Classification and Freshness Detection using Machine learning	29%	9%	OK
491	1062	Currency Verification Using Blockchain	10%	2%	OK

492	1066	A hybrid Slime Mould Meta Heuristic Algorithm and Machine Learning Technique for Intrusion Detection System	39%	8%	NOT OK
493	1067	A Hybrid Whale Optimization Meta Heuristic Algorithm and Machine Learning Technique for Chronic kidney Disease	35%	5%	NOT OK
494	1068	A Deep Residual Neural Network for Potato and Pepper Leaf Disease Detection	30%	2%	OK
495	1070	TEXT TO IMAGE GENERATION USING MIDJOURNEY	22%	7%	OK
496	1074	Smart Blind Assistance System	17%	2%	OK
497	1077	Data Visualization for the Dataset Collected from Education Sector using Python	30%	3%	OK
498	1080	SYSTEM INTELLIGENT MEDICAL ADMISSION PRIORITIZATION	16%	4%	OK
499	1082	Dynamic Load Balancing and Resource Optimization Algorithm for Reverse Proxy Servers	17%	2%	OK
500	1086	Hepatic Disease Classification Using Deep Learning	26%	3%	OK
501	1087	A Comprehensive Cloud-Based Agricultural Decision Support System	22%	1%	OK
502	1089	Combining Deep Learning Models for Improved Drug Repurposing: Advancements and An Extended Solution Methodology	28%	2%	OK
503	1090	Health Prediction: Social media Impact using Cloud Technology	18%	1%	OK
504	1093	Performance Comparison of Deep Learning Algorithms for Lung Nodule Benign and Malignancy Classification	31%	2%	NOT OK
505	1097	Heterogeneous Face Recognition Algorithm: Convolution Neural Network Approach	20%	1%	OK
506	1098	Research Analysis Tool : Leveraging Language Models for Question-Answering of Research Papers	11%	4%	OK

507	1103	INTERACTIVE BLOOD BANK REPOSITORY : DJANGO AWS APPROACH	19%	3%	OK
508	1105	INTELLIGENT MANAGEMENT INFORMATION SYSTEM: WEB APPROACH	13%	3%	OK
509	1106	Blockchain In Healthcare Domain: A Review	50%	5%	NOT OK
510	1109	Analyzing Generative Models for Realistic Data Augmentation across Modalities and Applications	38%	2%	NOT OK
511	1110	Recent Advances, Challenges and Future Prospects of Multi-Crop Leaf Disease Detection Algorithm using Deep Learning: A Comprehensive Review	40%	4%	NOT OK
512	1111	ENHANCING HEART DISEASE PREDICTION USING BI-LSTM ALGORITHM	20%	11%	NOT OK
513	1116	Yoga Pose Detection using Artificial Intelligence and Machine Learning	17%	4%	OK
514	1118	Applications of Machine Learning to Address Complex Problems in Livestock	22%	3%	OK
515	1119	Predictive Modeling of Mental Illness in Technical Workplace: A Feature Selection and Classification Approach	39%	8%	NOT OK
516	1120	Next Generation Advanced Cloud Computing Driven E-Data Privacy, E-Security, and E-Governance	15%	2%	OK
517	1121	Enhancing VANET Efficiency with ACRR Technique for Improved Traffic Management and Network Scalability	23%	6%	OK
518	1122	Channel Assignment using Load Balancing in WMN	24%	4%	OK
519	1123	Ensemble Clustering Methods for Multi-dimensional Data from Social Media	36%	2%	NOT OK
520	1125	A Secure MFA Authentication Framework in Cloud Computing	11%	2%	OK

521	1130	HUMAN ACTIVITY RECOGNITION USING CNN & LSTM	25%	2%	OK
522	1133	Performance analysis of Cooperative NOMA System with diversity techniques	21%	2%	OK
523	1134	NLP-Powered Identification of Online Harassment	39%	2%	OK
524	1135	Twitter Sentiment Analysis Using Textual Information and Diffusion Patterns	22%	6%	OK
525	1137	A Exploratory and Comparative Study of 7 Neural Networks for Terrain Classification	18%	1%	OK
526	1138	RumourGuard using LSTM, BERT and NLP	39%	20%	NOT OK
527	1139	AI Jurist : Empowering Legal Knowledge and Practices in India	15%	1%	OK
528	1140	Optimizing Doctor Availability and Appointment Allocation in Healthcare through Digital Technology	14%	3%	OK
529	1147	A Meta-Learner-Integrated Stacking Voting Ensemble Network for Cervical Malignancy Classification	20%	3%	OK
530	1148	Four Port Fuzzy Based DC-DC Converter For Variable Loads	25%	4%	OK
531	1149	Improved U-net Segmentation technique by mixed pooling for ultrasound thyroid Lumps	23%	3%	OK
532	1150	A REVIEW OF TIMELY NOTIFICATION SYSTEMS FOR ENHANCING MEDICATION ADHERENCE	16%	1%	OK
533	1152	A Review on Secure Healthcare Frameworks for Assisting Community Health Workers	35%	2%	NOT OK
534	1154	MicroBizConnect: Bridging Markets for Small Enterprises	16%	5%	OK
535	1157	Students Skills Evaluation System	11%	1%	OK
536	1162	Agritech Harmony: Real-time ESP32 Automation and Cloud Computing for Socially-Informed Crop Suggestions	22%	9%	OK
537	1167	Resume Analysis using Deep Sequential Model	24%	2%	OK

538	1168	Churn Prediction Based on Customer Segmentation in Banking Industry using Machine Learning Techniques	ERROR REPORT NOT GENERATED BY THE SOFTWARE		
539	1169	Cloud Approach for Educational Sector using AWS	39%	30%	NOT OK
540	1173	MindLift - A Conversational AI Chatbot for Enhancing Mental Health	26%	4%	OK
541	1174	Crime Prediction Using Ensemble Machine Learning Approach	30%	3%	OK
542	1175	Comparative Analysis of CNN, Xception and Inceptionv3 for Classifying Tuberculosis, Pneumonia Normal Chest X-ray images	25%	5%	OK
543	1176	Comparison study of ECG signal classification techniques for Arrhythmia detection and prediction	43%	6%	NOT OK
544	1177	Improved Evaluator for Subjective Answers Using Natural Language Processing	12%	1%	OK
545	1180	Literature Survey on Comment Toxicity Detection using Deep Learning Techniques	42%	12%	NOT OK
546	1181	Mining frequent candlestick patterns in stock market using basic n-gram models	37%	14%	NOT OK
547	1183	Advancements in Power System Stability: FOPID Control Optimization Using Harris Hawk Algorithms in SMIB Systems	23%	2%	OK
548	1186	SENTIMENT ANALYSIS FOR HINDI LANGUAGE	37%	2%	NOT OK
549	1187	Efficiency comparison of dataset generated by LLMs using Machine Learning Algorithms	16%	2%	OK
550	1190	EnigmaSync: Navigating Cloud Security with Group Keys	19%	3%	OK
551	1191	INTELLIGENT ENQUIRY CHATBOT USING AI	9%	2%	OK
552	1194	Tunes by Technology: A Comprehensive Survey of Music Generation Models	15%	2%	OK

553	1195	Impact of Cognitive Neuroscience on EEG Data for Emotion Analysis	20%	2%	OK
554	1197	A Hybrid Strategy Integrating Ant Colony Optimization and Locust-Inspired Algorithm (HACO-LA) to Boost Efficiency and Performance in cloud Resource Management	24%	3%	OK
555	1201	Facial Video Analytics: An Intelligent Approach to Heart Rate Estimation using AI Framework	23%	2%	OK
556	1202	Implementation Of DApp For Employee Management System	13%	2%	OK
557	1204	TeleMed: A Telemedicine Service using Cloud Computing Services	13%	2%	OK
558	1206	Pathway to Placement Success: A Data-Driven Approach for Career Guidance using Linear Regression	19%	2%	OK
559	1208	Prognostic Analytics Framework for Streamlining Cloud Selection in Machine Learning Deployments	16%	1%	OK
560	1210	Medical Abstract Segmentation	48%	3%	NOT OK
561	1211	Remaining Useful Life Prediction of Aircraft Turbofan engine using recurrent neural network	25%	3%	OK
562	1212	Disaster Management: Mobilizing Safety During Calamity	14%	3%	OK
563	1217	SE-VGG16 MaizeNet: Maize Disease Classification Using Deep Learning and Squeeze and Excitation Attention Networks.	28%	2%	OK
564	1218	Mental Health Chatbot: A Comprehensive Review	17%	2%	OK
565	1219	POLYCYSTIC OVARY SYNDROME (PCOS) DISEASE PREDICTION USING MACHINE LEARNING	16%	1%	OK
566	1225	AN EXPLORATION OF FEDERATED LEARNING FOR PRIVACY-PRESERVING MACHINE LEARNING	31%	13%	NOT OK

567	1226	AN EXAMINATION OF MACHINE LEARNING APPLICATIONS IN THE FIELD OF CYBERSECURITY APPROACHES FOR DETECTING AND MITIGATING THREATS	17%	4%	OK
568	1227	Re-cognition I: An inspection of learner's cognitive well-being, pursuant to contemporary period, facilitates the academic life cycle	19%	1%	OK
569	1231	Nurturing Emotional Comfort through Opinion Mining and Positivity Infusion	67%	44%	NOT OK
570	1233	Enhancing Stock Price Prediction with MACD and EMA Features Using LSTM Algorithm.	28%	2%	OK
571	1235	Enhancing Cloud Resource Allocation Efficiency with Harris Hawk Optimization Algorithm(HHOA)	24%	2%	OK
572	1241	A Comparative Study of Data Replication Techniques for Cloud-Based Systems	32%	4%	NOT OK
573	1242	CHIKITSAK: A CHATBOT FOR PRAKRITI ANALYSIS	8%	2%	OK
574	1247	Improving privacy and security using android accessibility framework	6%	1%	OK
575	1248	Detecting Health Misinformation: A Comparative Analysis of Machine Learning and Graph Convolutional Networks in Classification Tasks	23%	3%	OK
576	1250	Despeckeling method for ultrasound thyroid nodules using Innovative wiener filter	29%	8%	OK
577	1253	Protecting the Airwaves: An In-Depth Analysis of Wireless Mesh Security	15%	2%	OK
578	1256	Revolutionizing Healthcare: Cloud-Based Health Information Exchange and Disease Prediction	23%	2%	OK
579	1257	Suspicious Activity Detection in Video Surveillance using Convolutional Neural Network	17%	2%	OK

580	1258	WEAPON DETECTION FOR SECURITY USING YOLO ALGORITHM WITH EMAIL ALERT NOTIFICATION	15%	5%	OK
581	1259	Quantum Based-AI Network to Improve Classification Accuracy for Remote Sensing Images	24%	3%	OK
582	1261	Comparative Analysis of Machine Learning Models in Hand-drawn Circuit Components Detection	8%	1%	OK
583	1263	APP BASED DATA LOGGER FOR IMD	18%	3%	OK
584	1264	Multi-Language Based Sentiment Analysis: A Review	24%	1%	OK
585	1265	Depression Recognition For Youngsters Using Deep Learning Techniques	22%	16%	NOT OK
586	1266	Minutes Of Meetings Generation for online meets Using NLP & ML Techniques	14%	1%	OK
587	1267	Automated Multi-Choice Question Answering System using Natural Language Processing	18%	3%	OK
588	1269	Blockchain Revolution: A New Horizon for Supply Chain Management in Hotel Industry	21%	3%	OK
589	1270	Kidney Stone Detection from CT scan images using deep learning	33%	10%	NOT OK
590	1271	Kidney Stone Detection from CT scan images using deep learning	33%	10%	NOT OK
591	1276	"Securing the Digital Realm: Navigating Cyber Threats, Risks, and Resilience"	12%	2%	OK
592	1279	Revolutionizing Medical Diagnosis with Novel Teaching-Learning-Based Optimization	25%	1%	OK
593	1283	Advancing Energy Efficiency in 6G Networks Through Empirical Analysis of Intelligent Configuration Models	36%	2%	NOT OK
594	1287	AI BASED MEDICINE ASSISTANCE SYSTEM	13%	3%	OK
595	1289	Ensemble learning strategy for the multiclass detection and classification of skin cancer	19%	3%	OK

596	1291	Comprehensive Review of Artificial Intelligence Based Solar Power Generation Forecasting: Addressing Challenges and Future Prospects	35%	1%	NOT OK
597	1292	A Machine-Agnostic Approach To Denoising OCT Images Of The Retina	18%	3%	OK
598	1295	Integrating Python Data Analysis and Visualization into Jakarta Faces Web Applications through TCP	22%	9%	OK
599	1296	E-Voting System Using Blockchain	98%	56%	NOT OK
600	1299	Predicting Workloads in a Federated Cloud System based on the running times of Individual Virtual Machines	23%	10%	OK
601	1300	Solar Radiation Prediction: A Comprehensive Analysis of Machine Learning models and Interpretability Techniques	26%	2%	OK
602	1301	Investigation of the use of Renewable Energy in Microgrid Application	31%	8%	NOT OK
603	1302	Study of Cognitive Radio Techniques for Dynamic Spectrum Allocation	27%	7%	OK
604	1303	Customer Churn Prediction and Prevention	27%	2%	OK
605	1304	Modeling and Simulation of Class D and E Inverters to Increase Induction Heating Efficiency	25%	13%	NOT OK
606	1305	Predicting Workloads in a Federated Cloud System based on the running times of Individual Virtual Machines	27%	8%	OK
607	1306	A Complete Roadmap on Recommendation Systems Over Machine Learning Approaches	28%	8%	OK
608	1307	Optimization of Solar Panel Orientation for Maximum Energy Efficiency	25%	6%	OK
609	1309	Towards Suicide Prevention: A Natural Language Processing and Machine Learning Approach Integrated with Chatbot.	17%	2%	OK

610	1310	Hommie: Conversational AI Assistant	54%	14%	NOT OK
611	1312	Comprehensive Analysis of Models for Multiorgan Disease: A Comparative Review for Clinical and Research Applications	23%	2%	OK
612	1314	AI enabled Pneumonia Diagnosis	31%	4%	NOT OK
613	1316	FAKE NEWS CLASSIFICATION USING A HYBRID CNN-RNN-BASED ARCHITECTURE	18%	3%	OK
614	1317	PHISHION: PHISHING DETECTION APPLICATION	23%	2%	OK
615	1318	Road Anomaly Detection Utilizing Swin Transformer and Deep Convolutional Neural Networks with YOLOV8	15%	1%	OK
616	1319	AI enabled Holistic Child Care	9%	2%	OK
617	1320	MODELLING AND DC/DC CONVERTER SIMULATION FOR PV SYSTEMS	32%	16%	NOT OK
618	1323	Enhancing Text Quality with Bi-LSTM: An Approach for Automated Spelling and Grammar Correction	12%	2%	OK
619	1324	Comparative Study of Vehicle Detection and License Plate Recognition	14%	1%	OK
620	1328	A Comparative Analysis to Detect DDoS Attack in SDN Environment Using Machine Learning Approach	33%	2%	NOT OK
621	1333	SARR- A Low Insertion Loss Efficient Optical Router for ONoC	31%	17%	NOT OK
622	1335	Proctorise: Machine Learning Based Online Proctoring System	18%	1%	OK
623	1337	Data-Driven Decisions: A Machine Learning Perspective on Loan Authorization	18%	2%	OK
624	1338	An Improved Recommendation System based on Neural Matrix Factorization	33%	3%	OK
625	1342	Maximising Memory Retention with Spaced Repetition and Evidence-Based Techniques	12%	1%	OK

626	1345	eKart: A Cloud-Based E-commerce Platform for Shopping deployed on AWS	22%	2%	OK
627	1347	Neuro-Efficiency: A Comparative Analysis of Deep Q-Networks Variants in Energy Management	23%	2%	OK
628	1349	A XGBOOST OPTIMIZED ENSEMBLE MODEL FOR REMAINING USEFUL LIFE PREDICTION OF AIRCRAFT TURBOFAN ENGINES	25%	10%	OK
629	1351	Fitness Tracker using posture correction integrated with voice assistant	14%	3%	OK
630	1352	Advancing Manufacturing Energy Efficiency: The Role of AI and Web-Based Tools	26%	2%	OK
631	1353	ENVISIONING INDIA'S ENERGY FUTURE: PREDICTIVE MODELS FOR POWER GENERATION TRENDS	19%	1%	OK
632	1354	CROP YIELD FORECASTING FOR A RESILIENT FOOD SYSTEM THE ROLE OF AI AND GREEN PRINCIPLES	22%	5%	OK
633	1358	A Review on Electric Train Charging System	73%	29%	NOT OK
634	1359	Deep Reinforcement Learning in Stock Trading: Evaluating DDPG and DQN Strategies	7%	1%	OK

INTERNET OF THINGS (IoT)

1	1	Cricket Win Prediction using Machine Learning	36%	5%	NOT OK
2	2	HOME AUTOMATION SYSTEM WITH MULTIPLE CONTROL ACCESS USING IOT AND RTC MODULE	32%	14%	NOT OK
3	3	Life saving smart helmet for miners	22%	3%	OK
4	4	Contactless Flushing System for Public Hygiene	23%	8%	OK
5	5	Assistive Path Control System for Blind and Deaf people with Visual and Depth perception Challenge	20%	2%	OK

6	9	Accident Alert System Using Ultrasonic Sensor	11%	4%	OK
7	11	Artificial Intelligence in Internet of Things:Challenges and Opportunities	24%	2%	OK
8	14	LPG transport tracking and leakage detection with accident prevention alert system	22%	2%	OK
9	19	Advancing Hall Automation: Investigating the Synergy between Distance Detection and Environmental Variable Monitoring	15%	2%	OK
10	25	Cyber Protect: A Robust	14%	3%	OK
11	35	IOT Based Attendance Alert System.	17%	2%	OK
12	42	AutoXchange: Decentralized	20%	2%	OK
13	43	Comparison of Machine Learning	26%	3%	OK
14	44	COVID-19 PREDICTION USING	31%	3%	NOT OK
15	45	Precision Agriculture Using Internet	21%	2%	OK
16	50	Real-time data analytics and	30%	5%	OK
17	56	IoT-based Face Recognition with			
18	69	A Review on use of Immersive	32%	3%	NOT OK
19	73	INTELLIGENT TRAFFIC	9%	3%	OK
20	77	Analysis and Implementation of	63%	12%	NOT OK
21	83	Efficient Freshness Detection in	17%	4%	OK
22	92	Integrated Healthcare System for	23%	7%	OK
23	94	Driver Drowsiness Detection using	34%	5%	NOT OK
24	96	Smart Aquaponics System	20%	2%	OK
25	98	Intelligent override adaptive traffic	16%	4%	OK
26	106	Predicting the best plant using	24%	2%	OK
27	114	Advanced energy billing system	22%	2%	OK
28	118	Road Surface Data Acquisition and	18%	3%	OK
29	123	Keylogger Privacy Future Using	17%	9%	OK
30	124	IOT based Smart irrigation using	27%	4%	OK
31	129	Data Interoperability in IoT Based	73%	13%	NOT OK
32	133	Design And Development Of Low	18%	4%	OK
33	137	An E-Mail Sleuth-kit : Supportive	19%	2%	OK
34	139	QR code-based Smart Parking	14%	3%	OK
35	140	Botnet Technology and Defenses: A	74%	36%	NOT OK
36	147	Development of LiFi System for	14%	2%	OK
37	152	Table Tennis Performance Tracker	23%	5%	OK
38	156	FLOOR CLEANING ROBOT	10%	2%	OK
39	164	Future of Farming: IoT-Enabled	39%	32%	NOT OK
40	167	A Survey On Crowd Detection And	11%	2%	OK
41	169	Review On: Phobia Detection Using	32%	10%	NOT OK
42	170	Patrolling Robot using IoT for	30%	6%	OK
43	174	Safe Count: A Two Step	9%	2%	OK
44	196	IoT BASED METEOROLOGICAL	8%	5%	OK

45	199	Industry Automation using IOT	17%	2%	OK
46	203	Smart Sneakers for the Visually	36%	4%	NOT OK
47	209	Advanced Driver Assistance System	0%	0%	OK
48	228	IOT-ENABLED HEALTH	11%	4%	OK
49	235	Autonomous Parking System With	48%	10%	NOT OK
50	242	An Assistive System for Mobility	65%	12%	NOT OK
51	256	Fake product detection using	22%	4%	OK
52	270	Meta-Tourism: A Virtual Odyssey of	17%	3%	OK
53	278	A Survey on Library Automation	28%	7%	OK
54	279	Convergence of Blockchain and	20%	2%	OK
55	281	A Survey of Techniques for	27%	13%	NOT OK
56	282	Piezoelectric Material-Based Energy	24%	10%	OK
57	287	A Survey Paper on Fish Farm	32%	2%	NOT OK
58	294	AUTOMATIC CURTAIN	15%	3%	OK
59	297	Android Attendance System	20%	9%	OK
60	298	Contactless Dustbin	10%	1%	OK
61	314	A Lightweight location privacy	26%	5%	OK
62	317	ARPathfinder Helmet using Heads-	15%	1%	OK
63	320	Patient Health and Environment	19%	2%	OK
64	331	Enhanced Footstep power generation	22%	5%	OK
65	337	OF SMART FARMING	12%	2%	OK
66	340	Customer Segmentation and	19%	6%	OK
67	348	Stability and Control of RT-VCM	29%	10%	OK
68	371	Advancing Green Agriculture: A	24%	1%	OK
69	374	Carbon Footprint Calculator and	72%	29%	NOT OK
70	386	Hydra Tech Network System	14%	5%	OK
71	389	IoT based Real Time Drainage	8%	1%	OK
72	393	An Artificial Intelligence Approach	16%	6%	OK
73	399	Distributed MQTT Broker: A Load-	30%	5%	OK
74	401	A Survey on RGB Depth sensors	25%	2%	OK
75	410	Donation Tracking System using	21%	7%	OK
76	411	Enhanced Environmental Monitoring	24%	4%	OK
77	413	Smart Trolley	23%	5%	OK
78	429	Innovative BioFarming, Stuble	86%	57%	NOT OK
79	432	Intelligent Traffic Management	9%	2%	OK
80	433	Secure Rail Transport: Using	11%	2%	OK
81	445	E-Cart using RFID technology and	23%	4%	OK
82	450	Baby Sentry: A Smart Cradle	11%	2%	OK
83	452	Firefly-Driven Feature Selection for	19%	1%	OK
84	455	Blockchain-Backed Air Quality	27%	2%	OK
85	462	Study of Ultra light weight security	27%	5%	OK
86	468	Health Monitoring and Infant Care	20%	2%	OK
87	470	Performance Analysis of IoT	12%	1%	OK
88	471	Ensemble Learning of Heart Attack	21%	3%	OK
89	475	REAL-TIME DRIVER	22%	4%	OK
90	482	A Study of Weed Management in	27%	1%	OK
91	483	ADOPTION OF IOT BY	18%	1%	OK
92	484	Metaverse: Perception and	24%	1%	OK

93	492	Green Corridor for Emergency	15%	2%	OK
94	496	Speech Emotion Recognition Using	23%	4%	OK
95	505	The Internet of Things in	29%	3%	OK
96	508	Challenges In Implementing Private	19%	2%	OK
97	509	Portable Biometric Attendance	6%	2%	OK
98	511	EvoMind VR: Your Mental Health	13%	2%	OK
99	515	Smart Wildlife Surveillance	22%	13%	NOT OK
100	517	An Internet of Things (IOT)	14%	1%	OK
101	520	Advancements in Motorcycle Safety:	25%	4%	OK
102	527	Monitoring City Waste with IoT-	16%	2%	OK
103	528	Machine Learning Based Crop	19%	4%	OK
104	536	A Review on Smart City	30%	2%	OK
105	553	Automatic vehicle access control	20%	3%	OK
106	554	Exploring Intrusion Detection	12%	1%	OK
107	562	Air Quality Index Monitoring	11%	1%	OK
108	577	A Comparative Study of Power	24%	2%	OK
109	584	Analysis and Controller Design	23%	2%	OK
110	587	Efficacy of an Augmented Reality	22%	3%	OK
111	589	Design and Performance Evaluation	28%	9%	OK
112	596	Multimodal Sentiment Analysis:	26%	1%	OK
113	599	HR analytics in predicting attrition	17%	1%	OK
114	601	Role of ML for employee retention	16%	1%	OK
115	610	Careervana – Revolutionising career	17%	2%	OK
116	611	With You - Indian Sign Language	25%	3%	OK
117	612	Challenges in Mitigating price	15%	1%	OK
118	615	Android application camera for text	17%	7%	OK
119	616	Data-sparse deep learning for	31%	4%	NOT OK
120	625	Crowdfunding platform using	38%	29%	NOT OK
121	626	IoT-Inspired Smart Toilet System	4%	1%	OK
122	643	Revolutionizing Road Safety: RFID-	20%	2%	OK
123	645	Secure Authentication via Encrypted	22%	2%	OK
124	662	Real-Time Soil Moisture Sensing	25%	8%	OK
125	679	Remotely Managed IoT Based Smart	18%	4%	OK
126	680	IoT Based Smart Aquarium System	10%	2%	OK
127	684	Game Theory-Based Fastest Route	13%	2%	OK
128	690	Aerial surveillance with enabled	23%	3%	OK
129	698	Infant Mortality Prediction using	36%	9%	NOT OK
130	703	Solar floor cleaner robot using IoT	13%	7%	OK
131	704	IOT Based Smart Waste	21%	18%	NOT OK
132	706	ICs-Based Automatic Light Sensor	9%	6%	OK
133	713	Ad blocker using Supervised	6%	1%	OK
134	716	E-Commerce Warranty System	12%	3%	OK
135	720	YOLO-Based Vehicle Detection and	19%	11%	NOT OK
136	723	REAL-TIME POTHOLE	16%	3%	OK
137	724	IoT-Based Centralized System for	26%	2%	OK
138	741	Virtual Assistant and Navigation for	94%	82%	NOT OK
139	742	Sentiment Analysis of Feedback	26%	4%	OK
140	743	Smart Water Monitoring with GSM	14%	2%	OK

141	756	Optimized multiplier in nanosheet	27%	5%	OK
142	759	Usability - A Key to Security and	18%	5%	OK
143	762	Enhansing ATM security through	Error	Error	DeskReject
144	763	"Intelligent Parking Detection Using	30%	9%	OK
145	769	AI GymGuide: Your Virtual Fitness	36%	32%	NOT OK
146	771	Modeling of Challenges to Industry	27%	2%	OK
147	775	Sentiment Analysis Using	25%	2%	OK
148	789	EcoSprout: Machine Learning-	23%	1%	OK
149	790	IoT-Based Interactive Robot for	11%	1%	OK
150	792	Immersive Interactive Technology	16%	2%	OK
151	800	A Comprehensive Review of Recent	28%	1%	OK
152	809	Parkinson's Disease Detection Using	17%	2%	OK
153	815	Health Monitoring and Diagnostic	35%	20%	NOT OK
154	816	Pioneering health care inovations	47%	7%	NOT OK
155	817	ML-Based Metaheuristic Aided	57%	14%	NOT OK
156	821	Adaptable System for Protecting	11%	4%	OK
157	835	Alert and tracking system for	26%	3%	OK
158	837	Development of The Blockchain	34%	2%	NOT OK
159	847	Alzheimer's Disease Prediction using	26%	2%	OK
160	855	Text Search Enhancement Through	18%	2%	OK
161	858	Vision-Based Humanoid Robotic	18%	2%	OK
162	865	AI LipReader-Transcribing Speech	13%	2%	OK
163	867	WATER RESOURCE	22%	4%	OK
164	870	SensorNet-Cipher: A Lightweight	22%	2%	OK
165	872	Empowering IoT Networks: A Study	27%	3%	OK
166	873	Development of Code-Mixed	23%	3%	OK
167	874	IoT-Enabled Smart Trolley with	24%	3%	OK
168	881	Stability by geo-drone-based SOA			
169	883	Model in the Tourism Industry Using	15%	4%	OK
170	888	Identity Management for E-Health	25%	4%	OK
171	896	Novel Approach for Healthcare	22%	3%	OK
172	900	Network Analysis through Google	12%	1%	OK
173	903	Static Monitoring System	28%	5%	OK
174	907	Surgery Study through Interactive	9%	1%	OK
175	908	Review	24%	18%	NOT OK
176	915	Using Convolutional Neural	29%	2%	OK
177	916	APPROACH FOR BLOOD	15%	1%	OK
178	918	autonomous Vehicles Networks	25%	7%	OK
179	919	VANET for autonomous Vehicles	13%	3%	OK
180	930	MANET using Refined Adaptive	20%	4%	OK
181	938	ALZHEIMER'S DISEASE:	16%	1%	OK
182	949	DEEP LEARNING STRATEGIES	24%	7%	OK
183	953	BASED SYSTEM FOR BATHING	21%	2%	OK
184	955	Transactions and Predicting Price	29%	5%	OK
185	959	CUP FOR MONITORING POST	24%	4%	OK
186	960	Effective Mechanism for Onion	79%	10%	NOT OK
187	963	Learning Model for Cotton Disease	35%	7%	NOT OK
188	970	MALWARE FAMILIES USING	19%	2%	OK

189	973	Machine Learning Method	29%	18%	NOT OK
190	975	for Attack Prediction Using Deep	22%	5%	OK
191	976	STRESS REDUCTION USING	28%	9%	OK
192	977	Machine Learning: A Survey of Real-	34%	3%	NOT OK
193	983	Tracking Public Transport using	59%	43%	NOT OK
194	987	Uzbek texts based on Boyer-Moore-	14%	1%	OK
195	991	PRIVACY PRESERVING	Error	Error	DEskReject
196	993	4.0	32%	13%	NOT OK
197	1000	IoT Programming	10%	1%	OK
198	1003	(IoT) Technology in Library	40%	6%	NOT OK
199	1005	System.	14%	7%	OK
200	1006	Internet of Things (IoT)and Machine	19%	3%	OK
201	1013	maze solving of autonomous cars	9%	1%	OK
202	1014	in Cloud-Connected Agriculture: An	14%	2%	OK
203	1025	Word Prediction and Sentence	22%	2%	OK
204	1026	Bangla Food Reviews Using	21%	2%	OK
205	1032	Dimesional Chaotic Map for Image	38%	4%	NOT OK
206	1034	Manipulator	21%	3%	OK
207	1038	HYBRID SOLAR POWERED	15%	4%	OK
208	1040	MEDICINAL PLANT	13%	2%	OK
209	1042	Dive into Induction Motor	24%	21%	NOT OK
210	1049	Environment Based on Games: An	19%	2%	OK
211	1055	and Classification System	16%	1%	OK
212	1061	Intelligence in Health	4%	1%	OK
213	1063	Websites with Machine Learning	26%	3%	OK
214	1064	Activity Recognition	15%	3%	OK
215	1069	EMERGENCY VEHICLE	48%	7%	NOT OK
216	1071	identification of key functionalities in	16%	1%	OK
217	1072	for Electric Vehicles (EVs)	18%	3%	OK
218	1073	Engagement Metrics for a Hyper-	16%	2%	OK
219	1076	FaceScan Security System	21%	2%	OK
220	1079	security models for VANET	34%	13%	NOT OK
221	1081	and Efficient Distribution Network	10%	1%	OK
222	1083	IoT Surveillance Robot Car	21%	3%	OK
223	1084	Management System with Deep	21%	2%	OK
224	1085	Segregation Using Deep Learning	14%	2%	OK
225	1088	Monitoring	36%	11%	NOT OK
226	1095	Detecting Threats in Cloud	30%	4%	OK
227	1108	the Performance of Frequency	29%	4%	OK
228	1112	SAFETY WITH IoT-ENABLED	22%	6%	OK
229	1115	disease detection, classification and	41%	11%	NOT OK
230	1117	Machine Learning	6%	2%	OK
231	1124	Uncovering Trends and Strategic	27%	9%	OK
232	1131	Design Approach to Assisted and	26%	5%	OK
233	1141	Artificial Neural Network model	28%	16%	NOT OK
234	1142	Method Based on the YOLO Model	24%	9%	OK
235	1143	Sustainable Future of Farming by	34%	16%	NOT OK
236	1146	Condition Monitoring in Gear	20%	4%	OK

237	1160	USING ARDUINO	27%	6%	OK
238	1161	Monitoring and Garbage Level	19%	2%	OK
239	1163	Application Security Risks	28%	2%	OK
240	1166	Self-Checkout Smart Store System	14%	2%	OK
241	1171	Data: A Comparative Study of	23%	8%	OK
242	1178	Using IoT Devices	14%	1%	OK
243	1184	Water Driven Pico Hydro power	20%	2%	OK
244	1185	Panel Using Microcontroller for	26%	6%	OK
245	1199	Evaluation in Healthcare System	24%	2%	OK
246	1203	based on Speech Recognition System	17%	3%	OK
247	1209	for Crop Management:A review	29%	2%	OK
248	1213	Technique	21%	3%	OK
249	1214	System for Enhanced Road Safety:	20%	11%	NOT OK
250	1221	in Smart Home	15%	3%	OK
251	1224	Weeding	21%	3%	OK
252	1228	PROTECTION USING IOT	11%	1%	OK
253	1229	POLLUTION MONITORING	13%	1%	OK
254	1230	CONSCIOUS CUSTOMER	11%	2%	OK
255	1232	Mamila Pasteurize	10%	1%	OK
256	1234	System	2%	1%	OK
257	1244	Management: Design and	13%	3%	OK
258	1246	Logic on Service Composition in	14%	2%	OK
259	1249	Innovations in Agriculture	18%	3%	OK
260	1251	Patient-Clinical Trial Synergy in	24%	2%	OK
261	1254	System to Improve Quality Life	13%	4%	OK
262	1255	Efficient Solution	14%	3%	OK
263	1260	Indoor Target Localization Using	11%	1%	OK
264	1262	through Internet of Things	25%	3%	OK
265	1272	authentication scheme for IoT	28%	2%	OK
266	1273	Detection Using Deep Learning and	13%	3%	OK
267	1275	SDN	23%	5%	OK
268	1278	Smart Energy Power Consumption	14%	3%	OK
269	1286	Wireless Communication Network	18%	3%	OK
270	1288	Deep Learning	41%	30%	NOT OK
271	1290	TinyML and IoT-based Chicken Egg	15%	2%	OK
272	1313	Management System in Smart	26%	11%	NOT OK
273	1322	NETWORK MANAGEMENT	14%	6%	OK
274	1326	Research Challenges for Drones	19%	2%	OK
275	1329	detection system using in deep	23%	4%	OK
276	1330	through Advanced Image	24%	5%	OK
277	1331	Angular, OAuth2.0, Google Cloud	22%	3%	OK
278	1334	using 3D Chaos Maps and DNA	25%	2%	OK
279	1336	Color Intelligence	27%	5%	OK
280	1340	using SSL/TLS	21%	2%	OK
281	1346	Network Testbed for Precision	23%	2%	OK
282	1348	learning Surrogate Model for Design	22%	6%	OK
283	1355	"Smart Plate Access Control"	11%	4%	OK
284	1357	VACANCY DETECTION IN	26%	8%	OK

IMAGE AND SIGNAL PROCESSING

1	10	Swarm optimization framework for	24%	2%	OK
2	16	Semantic Segmentation and Object	37%	8%	NOT OK
3	20	Advanced Driver Assistance	16%	1%	OK
4	22	Face Anonymization using Haar	35%	17%	NOT OK
5	29	ALUMNI PORTAL FOR	28%	7%	OK
6	31	Implementation Paper on	46%	18%	NOT OK
7	34	Paper on "Identification and	24%	15%	NOT OK
8	39	A Survey and Analysis of Textual	29%	6%	OK
9	48	Criminal Recognition System	30%	3%	OK
10	51	Classification of Star and Galaxy	13%	1%	OK
11	54	Hand Gesture Recognition for Bionic	14%	1%	OK
12	57	Lumpy Skin Disease Prediction	15%	5%	OK
13	60	A Comprehensive Survey on Real-	21%	3%	OK
14	63	Brain MRI Classification Using	29%	11%	NOT OK
15	64	A User Freindly Approach to Object	13%	2%	OK
16	68	Enhancing Breast cancer Diagnosis	27%	3%	OK
17	70	An Experimental Investigation of U-	24%	2%	OK
18	76	LUNG CANCER DISEASE	26%	4%	OK
19	79	Retinopathy Retinal Disorder using	28%	2%	OK
20	80	Brain Tumors Detection from	15%	1%	OK
21	81	Advancements in Image Caption	24%	6%	OK
22	84	Helmet Detection & Number Plate	17%	2%	OK
23	89	Yoga Pose Recognition using Deep	25%	2%	OK
24	90	Yoga Pose Recognition using Deep	25%	2%	OK
25	97	Detection of Spliced Image	33%	7%	NOT OK
26	99	Sign Language Gestures Recognition	22%	1%	OK
27	100	Computer Vision based road lane	25%	2%	OK
28	101	SMART TRAFFIC SIGNAL	27%	5%	OK
29	109	Comparative Analysis of Machine	23%	1%	OK
30	115	Talkify: A tool to help people with	17%	2%	OK
31	116	Hybrid Quantam Classical SVM for	30%	3%	OK
32	125	Examine the incorporation of	13%	2%	OK
33	127	Defect Inspection of Coated CFRP	24%	3%	OK
34	134	Development Of Low Cost Water	16%	3%	OK
35	136	Innovative Attendance Tracking:	17%	7%	OK
36	138	Contactless heart rate detection	18%	9%	OK
37	143	model and Deep Learning	7%	2%	OK
38	151	Review: Botnet detection using	28%	2%	OK
39	165	CNN BASED SIGN LANGUAGE	20%	7%	OK
40	168	Implementation towards Leaf	69%	25%	NOT OK
41	175	Lung Cancer Disease Detection	26%	3%	OK
42	177	Methods for severity assessment of	41%	2%	NOT OK
43	181	SVM Based Approach for Islanding	31%	12%	NOT OK
44	188	Precision Diagnosis of Wheat	11%	1%	OK
45	189	Hybrid CNN & Random Forest	13%	2%	OK
46	190	Hybrid CNN & Random Forest	17%	1%	OK

47	191	Enhancing Rice Leaf Disease	15%	2%	OK
48	211	Emotion and Stress Detection Based	24%	3%	OK
49	216	Role of BRICS Countries in	17%	3%	OK
50	230	Use of CNNs for Estimating Depth	20%	9%	OK
51	231	A Comparative Study On Emotion	25%	2%	OK
52	234	A Study of Intelligent Hybrid	39%	4%	NOT OK
53	240	Analyzing sports videos using	35%	3%	NOT OK
54	249	Brain Tumor Detection Using Deep	23%	3%	OK
55	253	Android Application for Road Crack	21%	15%	NOT OK
56	255	An In-Depth Analysis of Tomato	22%	2%	OK
57	258	A Survey of Deep Learning-based	15%	1%	OK
58	259	Energy efficient Area optimized	35%	19%	NOT OK
59	263	Unsolved Problems In The Field Of	29%	5%	OK
60	264	Detailed Survey of Pre-diagnosis	29%	3%	OK
61	265	Image Description Generator	28%	5%	OK
62	266	WASTE SEGREGATION USING	19%	4%	OK
63	292	Smart and Targeted Commercials	65%	22%	NOT OK
64	306	Object Instance Recognition and	45%	25%	NOT OK
65	308	PLANT LEAF DISEASE	26%	7%	OK
66	322	Modified Osprey optimized DM-	16%	1%	OK
67	324	Survey on Human detection from	17%	3%	OK
68	335	Application of YoloV5 for Brain	24%	7%	OK
69	339	Determination of Land Cover and	44%	23%	NOT OK
70	343	Advances in Potato Disease	18%	4%	OK
71	347	A Survey on Classical Dance Facial	21%	4%	OK
72	367	Impact of Music Signals on the	20%	4%	OK
73	368	A Survey Paper on Machine	16%	1%	OK
74	372	Lane Detection and Departure using	50%	9%	NOT OK
75	375	Deep Learning Based Lip Reading	17%	2%	OK
76	376	Visual Aerial Vehicle Identification	33%	3%	NOT OK
77	379	Wildfire smoke detection using deep	14%	2%	OK
78	383	A Comprehensive Survey on the	35%	7%	NOT OK
79	395	Simulation and Modelling of multi-	27%	17%	NOT OK
80	398	Camera and LiDAR Integration for	16%	1%	OK
81	403	MDLGO: Integrated Multimodal	27%	4%	OK
82	404	Cerebral Neoplasm Detection From	22%	12%	OK
83	405	Automatic Number Plate	31%	14%	NOT OK
84	424	Number Plate Recognition using	15%	6%	OK
85	438	A Research Study on Skin Disease	16%	3%	OK
86	446	To Enhance Computer System	16%	9%	OK
87	447	Deep Learning Based Foreign Object	17%	3%	OK
88	449	Image enhancement using tri-	20%	5%	OK
89	453	Comparative Analysis of Feature	21%	4%	OK
90	456	Autism Spectrum Disorder Detection	14%	2%	OK
91	463	A Video Steganography approach	20%	5%	OK
92	473	Human Pose Estimation Techniques	27%	3%	OK
93	481	Predictive Analysis of Freezing of	19%	2%	OK
94	498	Review on Intelligent Billing System	20%	4%	OK
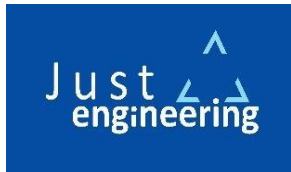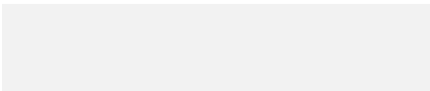
95	499	Deepfake Detection Based On CNN	21%	5%	OK
96	503	Abstractive Text Summarization: A	17%	2%	OK
97	504	Emotion Sense:- Real-time Speech	18%	2%	OK
98	510	Efficient Transfer Learning Models	18%	2%	OK
99	521	Breast Cancer Detection using	24%	1%	OK
100	534	Deep transfer Learning Based	25%	4%	OK
101	535	Multi-Modal Visual Features	30%	2%	OK
102	539	Video Analysis Using Deep Learning	35%	5%	NOT OK
103	557	Smart Survival Lance System for	21%	3%	OK
104	563	Limbic Mate: Integrated Cognitive	14%	4%	OK
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106	567	A Survey On Speech Emotion Based	21%	12%	OK
107	569	Blind Detection of Materials	9%	1%	OK
108	572	Diabetic Retinopathy Detection:	14%	1%	OK
109	575	Cassava Disease Classification	22%	2%	OK
110	576	Bidirectional Sign Language	18%	2%	OK
111	578	Recognition of Critical Built-up	22%	4%	OK
112	581	Alzheimer Disease Prediction Using	34%	3%	OK
113	582	Handwritten equation solver using	12%	7%	OK
114	591	An analysis of Kidney Stone	30%	2%	OK
115	598	Advancements in Vision-Based Deep	23%	4%	OK
116	602	A Survey on Skin Disease Detection	27%	2%	OK
117	606	Age And Gender Detection System	13%	3%	OK
118	607	Age And Gender Detection System	11%	2%	OK
119	609	Advanced Deep Learning Methods	14%	1%	OK
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292	1339	Capsicum Leaf Disease Prediction	18%	7%	OK
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295	1344	Fertilizer Recommendation For	9%	1%	OK
296	1350	Blockchain	22%	13%	NOT OK
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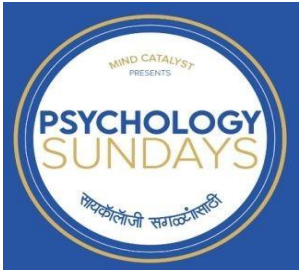
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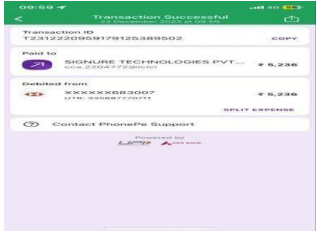
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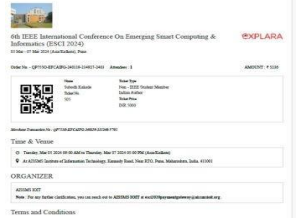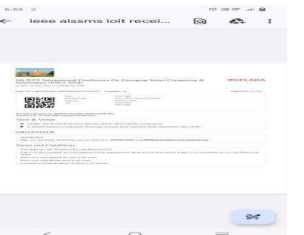
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