



**DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING**

Reflection Report

National Conference

on

**Innovative Computing Research and
Cutting Edge Technologies in Computer Science and Engineering-2024**

in collaboration with ICTACADEMY

3rd May 2024



Co-ordinators

Ms. R. K. Kapilavani, AP/CSE

Mr. P. Selvamani, AP/CSE

Ms. Shobanjaly P Nair, AP/CSE

Ms. R. Poorni, AP/CSE

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Reflection Report about the National Conference

Conference Name : National Conference on Innovative Computing Research and Cutting-Edge Technologies in collaboration with ICTAcademy

Date : May 3, 2024

Location : Sri Venkateswara College of Engineering, Sriperumbudur

The Department of Computer Science and Engineering has organized a National Conference on Innovative Computing Research and Cutting Edge Technologies (NCICRCET'24) in collaboration with ICTAcademy on 3rd May 2024. Online Mode was used to host the conference. Out of the 50 papers we received, the review committee recommended 41 articles for the final presentation. The authors of these papers presented them through a variety of tracks as well as session chairs from highly regarded universities including VIT and SRM, reviewed them. The conference was successfully hosted, and all of the papers that were given are listed in the conference proceedings under the ISBN **978-93-340-8250-0**

ICT Academy, a collaborative initiative between the government of India, state governments and industries is a pioneering not-for-profit society under the PPP model. It aims to train higher education teachers and students to meet industry skill requirements, particularly in tier 2 and 3 towns and rural areas. Formed with input from the Tamil Nadu government, leading ICT companies, and NASSCOM, it operates through a seven-pillar program focusing on faculty and student development, entrepreneurship, youth empowerment, industry-academia interaction, digital empowerment, and research/publications. Over 13 years, it has worked extensively to nurture talent for India's workforce, aligning with national visions of Skill India, Digital India, Startup India, and Make in India.

Researchers, academics, and business experts from the computing area came together for the National Conference on Innovative Computing Research and Cutting-Edge Technologies, which was hosted at Sri Venkateswara College of Engineering in Sriperumbudur. It was a really interesting and educational event. The purpose of this reflection report is to present a thorough summary of the conference, identify the most important lessons learned from the different sessions, and suggest topics that require more research.

The conference was hosted by **Ms. Varshitha, I/CS/C**. The event started with the welcome address by **Ms. R. K. Kapilavani, Assistant Professor / CSE**. **Dr. R. Anitha, Professor and Head / CSE** gave the inaugural address and introduced the keynote speaker **Mr. Raj Arun, Lead Architect, Fractal Analysis**. The session continued with the keynote address by the resource person.



Figure 1 - Inaugural of the Conference

The keynote address on the Generative AI at the National Conference on Innovative Computing Research and Cutting-Edge Technologies was an enlightening and thought-provoking session that shed light on the vast potential and real-world implications of these technologies. This reflection aims to summarize the key takeaways from the keynote address and share thoughts on the technologies, applications and challenges of Generative AI.

The keynote speaker began by providing an Understanding of Generative AI: that is rapidly transforming industries and redefining the boundaries of creativity and innovation

One of the key takeaways from the keynote address was the technologies used in generative AI. The speaker started by providing the historic context of Generative AI over the Early AI Models where Initially, AI was about rules-based systems and simple machine learning models. These systems could classify data but lacked the ability to create. Then comes the Neural Networks where the development of neural networks, particularly deep learning, enabled more sophisticated pattern recognition. Finally the Generative Models with the introduction of models like Generative Adversarial Networks (GANs) and Variational Autoencoders (VAEs) revolutionized AI by giving machines the ability to generate realistic data.

He introduced the Key Technologies in Generative AI like GANs: Generative Adversarial Networks consist of two neural networks: the generator and the discriminator. They work in tandem to produce data that is indistinguishable from real data. Transformers: Transformer models, such as GPT (Generative Pre-trained

Transformer), have set new standards in natural language processing by generating human-like text. VAEs: Variational Autoencoders encode data into a compressed form and then decode it, generating new variations of the original data. He then showed the various applications in which the Generative AI is used such as Artists and designers use AI to co-create art, develop new styles, and even restore damaged artworks. In gaming and film, AI generates realistic characters, landscapes, and special effects, enhancing the user experience. AI helps in drug discovery by generating potential molecular structures and predicting their interactions. Personalized content generation, from advertisements to product descriptions, is becoming more sophisticated and targeted. AI can create customized learning materials, helping to tailor education to individual student needs.

The keynote address also emphasized the challenges and ethical Considerations With great power comes great responsibility. AI models can perpetuate or even amplify existing biases present in the training data. The ability of AI to generate realistic content can be misused to create fake news or deepfakes, posing significant ethical dilemmas. As AI creates new content, questions arise about ownership and intellectual property rights. There is a growing need for frameworks to govern the development and use of generative AI to ensure it is used responsibly. The future of generative AI is incredibly promising: As tools become more advanced, the collaboration between humans and AI will lead to unprecedented creative outputs. Automation of complex tasks will lead to significant efficiencies in various industries. From generating novel scientific hypotheses to creating immersive virtual realities, the possibilities are limitless.

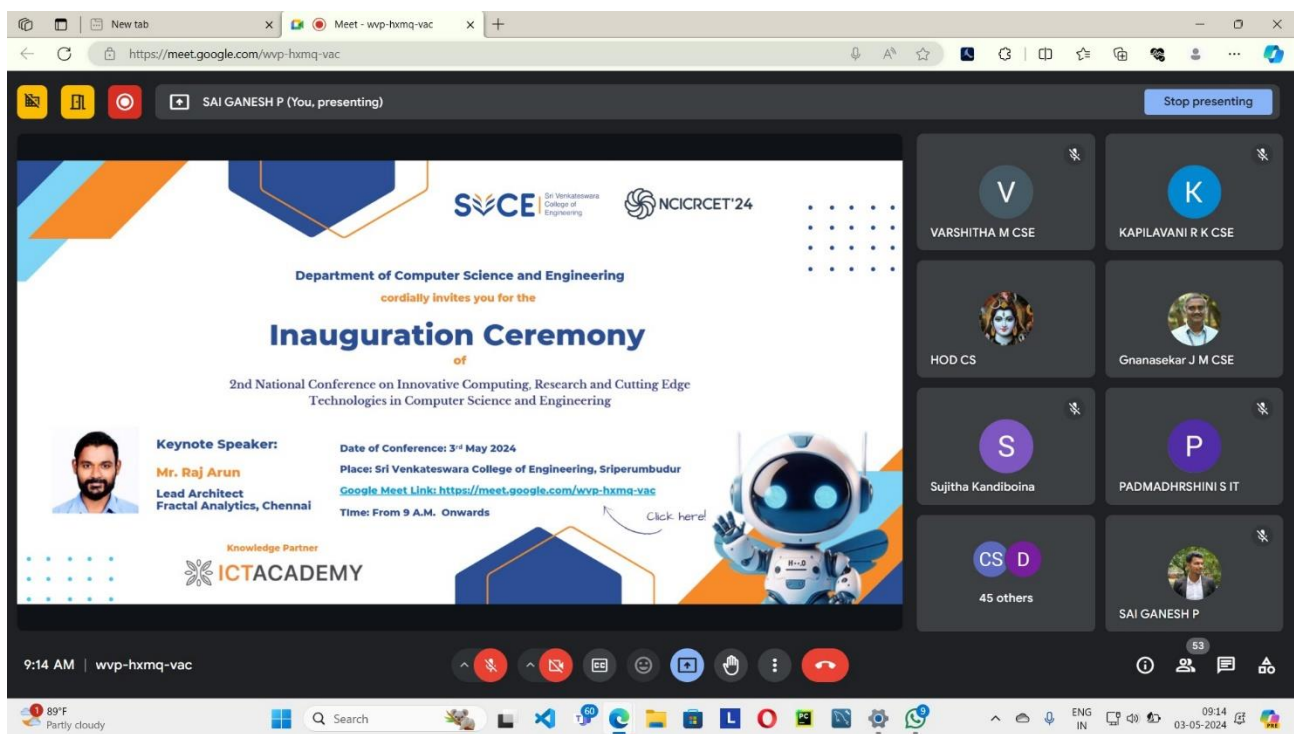


Figure 2 - Keynote Address by Mr. Raj Arun, Lead Architect, Fractal Analytics, Chennai

From the keynote address it is evident that Generative AI stands at the intersection of technology and creativity, offering tools that can expand human potential and transform industries. As we continue to explore and harness this powerful technology, it is crucial to address the associated challenges and ethical concerns to ensure a positive and equitable impact on society.

Ms. Kapilavani thanked the keynote speaker and the session was adjourned into various technical sessions. The sessions were taken over by industry experts and academia from various Universities. The research sessions and discussions briefly touched upon emerging trends in Computational Intelligence, Ambient Intelligence, Security, Computing, Techniques & Technologies.

A deeper grasp of the most recent developments and research trends in the field of computing was made possible by the technical sessions and paper presentations at the National Conference on Innovative Computing Research and Cutting-Edge Technologies. Researchers, academics, and business executives were able to present their work, share ideas, and spark new research at these sessions.

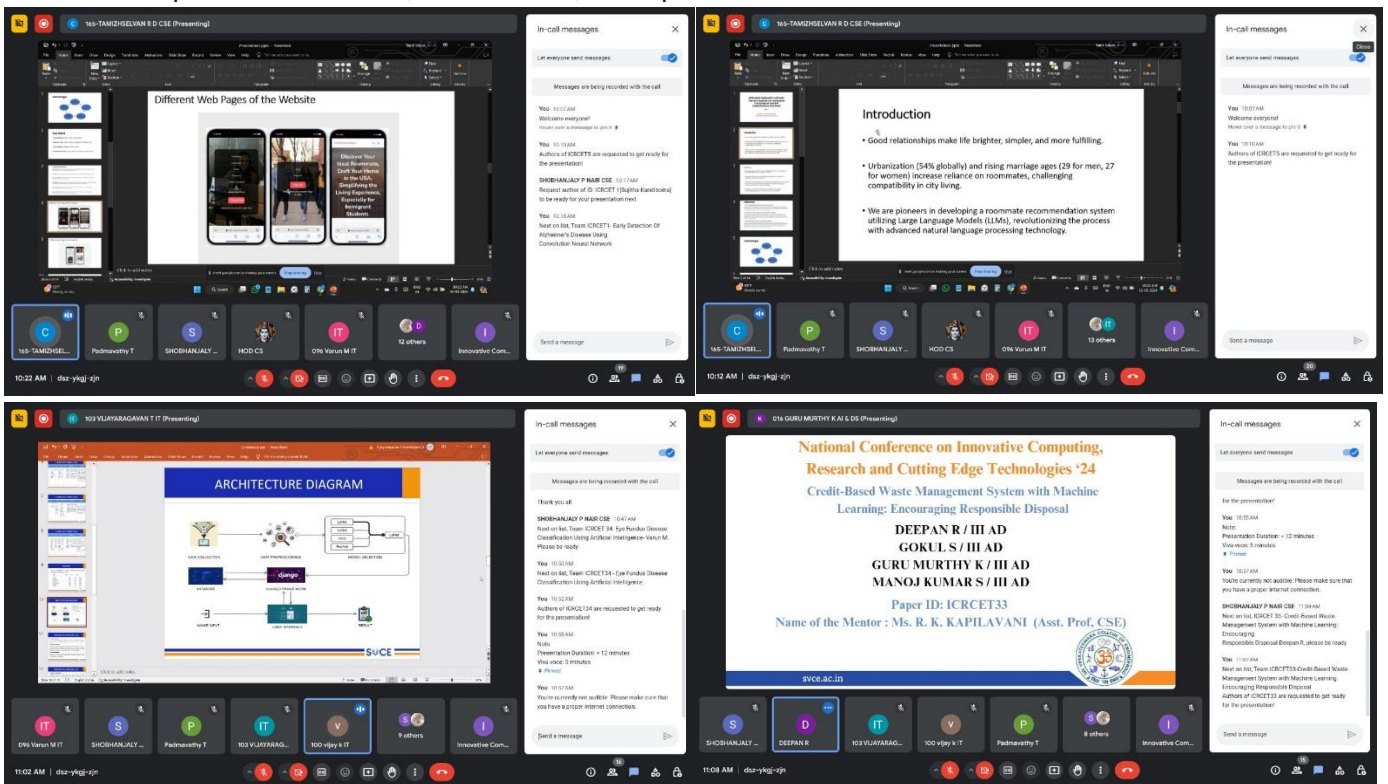


Figure 3 - Presentations

The technical presentations included a broad range of computing-related issues, such as computer vision, cloud computing, cybersecurity, and machine learning. Experts in their fields presented their research findings and talked about the difficulties and developments in their fields at each session. The technical seminars provided insightful information on cutting-edge technology and approaches. They were interesting, thought-provoking, and educational.

A significant insight from the technical presentations was the growing focus on machine learning and its applications in several fields. Innovative models, methods, and algorithms that have increased machine learning systems' precision and effectiveness were presented by researchers. The presentations demonstrated the wide spectrum of uses for machine learning, such as predictive analytics, picture recognition, and natural language processing.

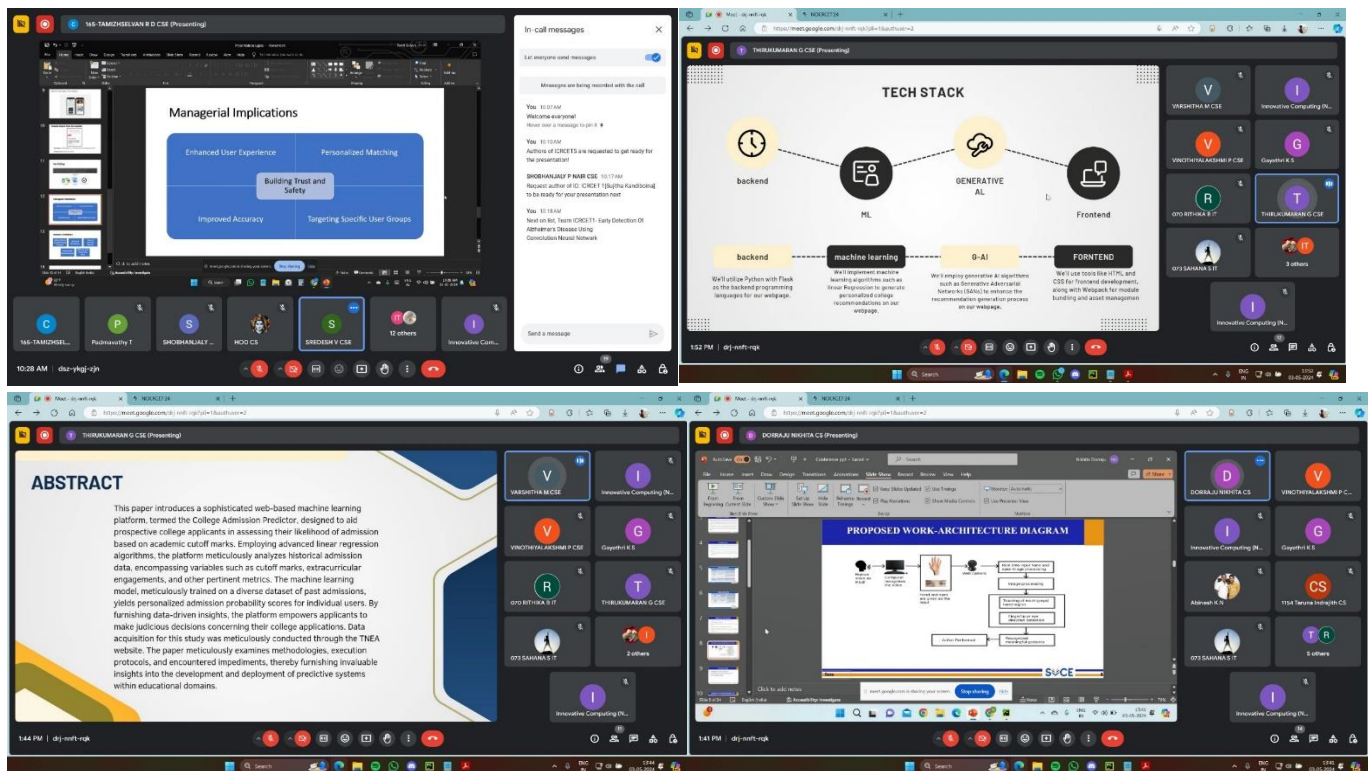


Figure 4 - Presentations

Researchers had a great chance to showcase their findings and get input from conference attendees through the paper presentations. A broad range of research subjects, from theoretical investigations to real-world applications, were covered in the presentations. The paper presentations offered insights into cutting-edge approaches and creative fixes for pressing issues while showcasing the scope and depth of research being done in the computer industry.

Participating in talks during the paper presentations facilitated productive sharing of concepts, recommendations, and possible joint ventures. The post-presentation Q&A sessions afforded researchers the chance to go more deeply into their methodology, ask questions, and get helpful criticism. I was inspired to think critically, evaluate research methods, and consider possible directions for further investigation by the paper presentations.

The conference's technical workshops and paper presentations were quite educational and motivating overall. They gave an example of the quick innovation and advancement occurring in the computing industry. The meetings gave researchers a forum to share their research, encourage thought-provoking conversations, and promote teamwork. My knowledge grew, I was introduced to a variety of study topics, and I was inspired to investigate new avenues for research by attending these sessions.

It is clear from the technical sessions and paper presentations that cooperation, knowledge exchange, and ongoing research are essential to the advancement of the computing industry. Without a doubt, the knowledge acquired from these workshops will impact upcoming research projects and advance professional development.

The grasp of the most recent developments and research trends in the computing industry has greatly expanded thanks to the technical sessions and paper presentations at the National Conference on Innovative Computing Research and Cutting-Edge Technologies. The meetings gave scholars a forum to discuss their results, share ideas, and spur more investigation. In summary, it was a stimulating and fulfilling experience to attend the National Conference on Innovative Computing Research and Cutting-Edge Technologies. The conference increased attendees' understanding, created deep connections, and encouraged them to look into new computing-related research topics.

Technical Tracks & Session Chair

The various sessions were headed by experts from Industry and academia.

Track	Internal Expert	External Expert
Track 1	Dr. R. Anitha, M.E., Ph.D, Professor & Head of the Department, Department of CSE, Sri Venkateswara College of Engineering.	Dr. T. Padmavathy, M.E., Ph.D, Associate Professor, Department of CSE, Sri Venkateswara College of Engineering.
Track 2	Dr. J. M. Gnanasekar, M.E., Ph.D, AHoD Professor & Asst. Head of the Department, Department of CSE, Sri Venkateswara College of Engineering.	Dr. Venkataramanaiah, M.E., Ph.D, Associate Professor, Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology, Chennai
Track 3	Dr. V. Rajalakshmi, M.E., Ph.D, Associate Professor, Department of CSE, Sri Venkateswara College of Engineering.	Dr. S. Roselin Mary Associate Professor, Anand Institute of Higher Technology, Chennai
Track 4	Dr. N. Rajganesh, M.E., Ph.D, Associate Professor, Department of CSE, Sri Venkateswara College of Engineering.	Dr. Subha Associate Professor, Department of Educational Media and Technology, National Institute of Technical Teachers Training and Research (NITTTR), Taramani, Chennai.
Track 5	Dr. S. D. Nanda Kumar, M.E., Ph.D, Assistant Professor, Department of CSE, Sri Venkateswara College of Engineering.	Dr A Arivoli, M.E., Ph.D, Assistant Professor Sr- Grade 2, SCOPE School, VIT - Vellore.
Track 6	Dr. P. Vinothiyalakshmi, M.E., Ph.D, Associate Professor, Department of CSE, Sri Venkateswara College of Engineering.	Dr. K. S. Gayathri, Assistant Professor, Department of Computer Science and Engineering SSN College of Engineering, Chennai
Track 7	Dr. T. Rajasekaran, M.E., Ph.D, Associate Professor, Department of CSE, Sri Venkateswara College of Engineering.	Dr. M. R. Arun, Lead Architect, Fractal Analytics, Chennai

Profile of Session Chairs

Dr B.Venkataramanaiah,

Associate Professor,
Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology,
Chennai



Dr B.Venkataramanaiah received B.E. degree in electronics and communication engineering from JNTU in 2008, M.E. degree in Applied Electronics from **CEG campus, Anna University**, Chennai 2010 and PhD in machine learning at **CEG campus, Anna University** in 2022 respectively. Currently he is working as an associate professor in **Vel Tech Rangarajan Dr.Sagunthala R&D Institute of Science and Technology**, Chennai. He has got **14 years of experience** in teaching. He has published around more than **40 papers in various reputed journals and conferences**. He has handled resource person for FDPs and workshops in various reputed institutions like DMI Engg college, SVCE, Veltech and SMIT etc. His research interests include **biomedical signal processing, machine learning, deep learning, Data science and Machine vision**

Dr. S. ROSELIN MARY,

Associate Professor,
Anand Institute of Higher Technology, Chennai

Dr. S. ROSELIN MARY, A committed Professor Grade with over 19 years of experience at Anand Institute of Higher Technology, teaching students from various social and cultural backgrounds. Possessing excellent administrative, research, communication and written skills along with constructive and effective teaching methods that promote a stimulating learning and research environment. Research Interest: Machine Learning, Deep Learning, Image processing, Cyber security, IoT. She has been a reviewer in various indexed journals. She published various patents and papers in various International journals. She received fund for over 50 lakhs.

Dr.T Subha,

Associate Professor,
Department of Educational Media and Technology,
National Institute of Technical Teachers Training and Research (NITTTR),
Taramani, Chennai.



Dr.T Subha is currently an Associate Professor in the Department of Educational Media and Technology at National Institute of Technical Teachers Training and Research (NITTTR), Taramani, Chennai. She received her B. E in Computer Science and Engineering from Bharathidasan University, M.Tech in Information Technology (Fifth Rank Holder) from Sathyabama University and Ph.D in Information and Communication Engineering from Anna University, Chennai. She has around 23 years of teaching experience and worked as a Lecturer/CSE in M.N.M.Jain Engineering College, Assistant Professor – Grade 1/IT in Sri Sairam Engineering College and Assistant Professor/CINTEL in SRM Institute of Science and Technology. Her areas of research interest include data storage security in cloud computing, machine learning and analytics, IoT and data science. She published around 25 papers in reputed journals and conferences.

Dr A Arivoli, M.E., Ph.D,
Assistant Professor Sr- Grade 2,
SCOPE School,
VIT Vellore.



Dr.Arivoli, working as an Assistant Professor Senior in the School of CSE in VIT university. Research area includes Wireless Ad Hoc network, Sensor Networks, NLP, AI, ML and Network Security.

Top Skills - Networking

Honors- Awards - UGC MERITORIOUS FELLOWSHIP

Publications

CoviExpert: covid-19 detection from chest X-ray using CNN - 2022
SDN-Ddos - Detecting Ddos Attack in SDN using Sflow Mitigation Technology
SENTIMENT ANALYSIS USING SUPPORT VECTOR MACHINE BASED ON FEATURE SELECTION AND SEMANTIC ANALYSIS
Android Application for EO Division, DOPT Using Data Mining and Analysis Tools

Experience

Vellore Institute of Technology
5 years 1 month
Assistant Professor (Senior Grade 2)
January 2023 - Present (5 months)
Vellore, Tamil Nadu, India
Assistant Professor Senior (Grade 1)
May 2018 - Present (5 years 1 month)
Vellore, Tamil Nadu, India

Dr K S Gayathri

Assistant Professor,
Department of Computer Science and Engineering
SSN College of Engineering, Chennai



Dr. K. S. Gayathri has teaching experience of 20 years. She received her Bachelor's in Computer Science and Engineering from Madras University in 2001 and Master's in Computer Science and Engineering from Anna University in 2009. She earned her PhD degree from Anna University in 2018, thesis titled 'Activity Recognition in Smart Home'. Her research focuses on providing ambient intelligent solutions for a smart environment. She is a recognized supervisor in Anna University and her research interests are Artificial Intelligence and Machine Learning. She has published around 18 research papers in reputed international journals and conferences. One of her research publications in Elsevier journal has received a certificate of appreciation for high impact factor journal publication from Anna University in 2018. She is an active reviewer in various international journals such as IEEE transactions, Elsevier and Springer. She is a Doctoral committee member in various Universities. She has also guided several projects and organized workshops related to Artificial Intelligence. Her research publications include,

- Gayathri K S, Easwarakumar K S and Susan Elias 2017, 'Probabilistic ontology based activity recognition in smart homes using Markov Logic Network', **Journal on Knowledge-Based Systems, Elsevier**, 121, pp. 173 – 184 **Impact factor: 5.921** ISSN: 0950-7051
- Gayathri K S, Susan Elias and Ravindran B 2014, 'Hierarchical activity recognition for dementia care using markov logic network', **Journal on Personal and Ubiquitous Computing, Springer-Verlag London**, vol. 19, no. 2, pp. 271 – 285 **Impact factor: 2.395** ISSN 1617-4909
- Gayathri K S, Easwarakumar K S, Susan Elias, (2020), "Fuzzy Ontology Based Activity Recognition for Assistive Health Care Using Smart Home", **International Journal of Intelligent Information Technologies (IJIIT)**, 2020, Volume 16, Issue 1, pp 17-31. doi: 10.4018/IJIIT.2020010102 (Web of Science and Scopus indexed) **Impact factor 0.293**, ISSN 1548-3657
- Anu Inba Mozhi R.S. and Gayathri K.S, (2016), "Probabilistic Relational Model based approach for Decision Support Systems", **International Journal of Control Theory and Applications (IJCTA)** Volume 9(10), pp. 453-461 **Impact factor of 0.175** ISSN 0974-5572 (Web of Science and Scopus indexed)
- Gayathri K S, Easwarakumar K S, Susan Elias, 2018, 'Contextual Pattern Clustering for Ontology Based Activity Recognition in Smart Home', **Smart Communications in Computer and Information Science**, vol. 808, pp. 209 – 223, **Springer** (SCOPUS indexed) ISSN: 1865-0929
- Gayathri K S and Easwarakumar K S 2016, 'Intelligent decision support system for dementia care through smart home', **Elsevier-Procedia Computer Science**, vol. 3, pp. 947 – 955 **Impact factor 1.26** (Scopus indexed), ISSN: 1877-0509
- Gayathri K S, Susan Elias and Shivashankar S 2014, 'An Ontology and Pattern Clustering Approach for Activity Recognition in Smart Environments', **Springer-Advances in Intelligent Systems and Computing**, 258, pp. 833-843 (Scopus indexed) **Impact factor 0.57**
- Gayathri K S, Easwarakumar K S, Susan Elias, 2018, 'Activity recognition and dementia care in smart home' book chapter "**Digital India**", **Advances in Theory and Practice of Emerging Markets**, **Springer Nature**, pp. 33 – 47 ISSN 2522-5006.

Dr. M. R. Arun,
Lead Architect,
Fractal Analytics,
Chennai



At Fractal, his focus as Lead Architect revolves around crafting cutting-edge AI solutions, with Generative AI as my central expertise. The team has successfully integrated advanced analytics and AI to deliver strategic business insights that foster informed decision-making. With a firm commitment to responsible AI, he ensure that the technological advancements are ethically sound and universally beneficial.

He has filed 3 patents so far in the area of cognitive analytics and autonomous intelligence. He also hold Blockchain specializations from IIT-M and IIT-G. Exploring my interest in quantum computing, He is a Qiskit Developer certified by IBM.

His dual role as an author in the field of Generative AI reflects my dedication to knowledge-sharing and nurturing a culture of innovation. Through collaborative efforts, the team has established best practices in AI/ML that enhance efficiency and promote continuous learning. The mission is clear: to blend technological progress with real-world impact, benefiting both organizations and broader society.

Dr. R. Anitha, M.E., Ph.D,
Professor & HoD.,
Department of CSE,
Sri Venkateswara College of Engineering.



Anitha R is working at Sri Venkateswara College of Engineering, Sriperumbudur, as a professor and head in the Department of Computer Science & Engineering with experience of more than 20 years in Teaching and research. She received her B.E from Bharathidasan University and her M.E and Ph.D. in the niche area of Cloud Computing from Anna University, Chennai-25. She has received a Senior Research Fellowship under a meritorious scheme from UGC-New Delhi. Her primary research interests are in Grid and Cloud Computing, Big Data Analytics, Software networking and Artificial Intelligence and deep Learning. Specifically, she is interested in Cloud Security and data storage in large-scale distributed databases and Data Analytics. As recognition towards her research work, she has received a Financial Grants of Rs. 1.0 lakhs from CSIR-New Delhi to present her research work at the University of Washington, Seattle, USA, in 2013. She has published over 40 research papers in various refereed international journals and conferences. As a principal investigator, she has completed a funded project worth Rs. 22 lakhs from DST-SERB, New Delhi Project, titled "DigiCert: Data Security in Federated DigiCloud Environment using Homomorphic Technique". She has received a funded project from AICTE worth Rs. 22 lakhs in Artificial Intelligence. She has also received funds from TNSCST and completed the project in Green Cloud Computing.

Dr. J. M. Gnanasekar, M.E., Ph.D,

Professor & Asst. HoD.,
Department of CSE,
Sri Venkateswara College of Engineering.



Dr. J. M. Gnanasekar, Professor & AHoD received his M.E. degree in Computer Science and Engineering from Anna University in 2001, India and Ph.D. in Computer Science and Engineering from Anna University, India, in 2010. He started his career as a Lecturer in 1996 at RMK Engineering College and Worked as a Professor and Principal during 2011-2012 at Arulmigu Meenakshi Amman College of Engineering and currently working as a Professor & AHoD, Sri Venkateswara College of Engineering, Sriperumbudur, India in the department of Computer Science and Engineering with 25 years of teaching experience. He has acted as Technical session chair and Technical Committee Member in various national and International Conference. His research interests include Data Mining, Machine Learning and Deep Learning concepts. He has published several research papers in reputed Journals and in conferences. And also he published Book Chapter and Patents.

Dr. V. Rajalakshmi, M.E., Ph.D,

Associate Professor,
Department of CSE,
Sri Venkateswara College of Engineering.



Dr. V. Rajalakshmi has been currently working at Sri Venkateswara College of Engineering, Sriperumbudur as Associate Professor in the Department of Computer Science and Engineering. She has received her Ph.D. in Machine Learning domain from Anna University in 2023. She has total teaching experience of about 19 years. Her research interests include Machine Learning, Deep Learning, Big Data Analytics and Data Science. She has done her research in traffic flow forecasting using hybrid time series models. She has published papers in various reputed International Conferences and International Journals. She has been reviewer for reputed conferences and journals. She has presided as guest speaker in various Faculty Development Programmes.

Dr. N. Rajganesh, M.E., Ph.D,

Associate Professor,
Department of CSE,
Sri Venkateswara College of Engineering.



Dr. N. Rajganesh is presently working as Associate Professor in the Department of Computer Science and Engineering, Sri Venkateswara College of Engineering (Autonomous), Tamilnadu, India. He obtained Ph. D degree from Anna University during the year 2018 for his thesis entitled “Fuzzy based Intelligent Semantic Cloud Service Discovery for Effective Utilization of Services”. He has completed his PG with First Class with the CGPA of 8.45 and UG with Distinction. He has secured Honors in Diploma in Computer Technology. Having 19 years of experience in Teaching, he has contributed his research findings in various reputed international and national Journals / Conferences. During his career, he has attended more than 30 Faculty Development Program/Workshop/Seminar, which are sponsored by AICTE, UGC, ISTE, and Anna University. He has functioned as resource person in more than 17 Faculty Development Programme and organized seminars and workshops. He has authored 5 text books. He has edited two books, one with Springer and the others is Taylor & Francis. He has obtained a seminar grant of worth Rs 48000 from ICSSR during April, 2023. He is having the Research Supervisor recognition with Anna University and guiding the research scholars also. He is functioning as an active reviewer for top-notch journals from IEEE, Springer, Elsevier, and other publishers. He has fetched two seminar grants from ICSSR and DRDO respectively for the total cost of 68000.

Dr. S. D. Nanda Kumar, M.E., Ph.D,

Assistant Professor,
Department of CSE,
Sri Venkateswara College of Engineering.



Dr. S.D. NANDAKUMAR is currently working as Assistant Professor in the Department of Computer Science and Engineering of Sri Venkateswara College of Engineering, Sriperumbudur. He has 18 years of experience in Teaching. Dr. S. D. Nandakumar received his B.E. Degree in Computer Science and Engineering from Anna University, Chennai, M.Tech Degree in Computer Science and Engineering from Dr.M.G.R Educational and Research Institute, Chennai and Ph.D Degree in Wireless Ad hoc Networks from St Peter’s Institute of Higher Education and Research, Chennai. He has submitted many funding proposals like GLUE GRANT, CSIR, TNSCST projects. He has published 17 research papers in standard refereed international journals and international conferences and also he has published 03 Patents. He also reviewed papers in few international conferences. He had guided more than 25 UG projects. He had organized 100 days Coding Challenge on programming languages like C and Python. He also authored a technical book titled “Foundations of Data Science”. His research interest includes Wireless Networks, Network Security and Data Science.

Dr. P. Vinothiyalakshmi, M.E., Ph.D,

Associate Professor, Department of CSE,
Sri Venkateswara College of Engineering.



Dr. P. Vinothiyalakshmi joined the Computer Science and Engineering Department of Sri Venkateswara College of Engineering, Chennai, Tamil Nadu, India, in 2007 as Lecturer and is presently serving as Associate Professor in the department since 2021. Presently she has completed her Doctoral degree in Cloud Computing and got guideship from Anna University, Chennai, Tamil Nadu. She published many papers in reputable journals. Her research interests include Cloud Computing, Big Data, Machine Learning, IoT and DataStructures.

Dr. T. Rajasekaran, M.E., Ph.D,

Associate Professor,
Department of CSE,
Sri Venkateswara College of Engineering.



With an experience of more than 15 years in Teaching & Research, Dr. T. Rajasekaran is currently working at Sri Venkateswara College of Engineering, Sriperumbudur as an Associate Professor in the Department of Computer Science & Engineering. He received his B.Tech Information Technology degree in the year 2007 and M. E Computer Science and Engineering in the year 2009 from Anna University. He completed his Ph.D research in the niche area of VANET and Wireless Sensor Networks from Dr. MGR Educational and Research Institute. His primary research interests are in the field of Vehicular Adhoc Network, Wireless Networks, Image Processing, Artificial Intelligence and Machine Learning. He is an Industry trained faculty who successfully completed Industrial Certifications from various leading IT sector giants such as Infosys ltd., Wipro Technologies, TheMathCo, WorldLine India Pvt. Ltd., and so on. He also acted as a Guest Speaker, Reviewer, and Session Chair for various International and National Conferences, Workshops, Hackathons and other technical events. He has published more than 25 research papers in SCI, WOS, SCOPUS and UGC Care indexed journals. He also published two patents under IPR, India. He is also an active member in various technical associations, such as ACM, IEEE, CSI.

COMMITTEE

1. Dr.S. Sivagami, ASP/CSE, SIMATS
2. Dr.T.Padmavathy, AP Senior Grade 1, Scope school, VIT Vellore.
3. Dr. P. Geetha, AP/ Department of Computational Intelligence, SRMIST.
4. Dr.N.Rajganesh, ASP/CSE, SVCE.
5. DR.T.Rajasekaran , ASP/CSE,SVCE
6. Dr.P.Vinothiyalakshmi, ASP/CSE, SVCE
7. Dr.V.Rajalakshmi , ASP/CSE,SVCE
8. Dr.D. Vinodha,AP/CSE, Prist University
9. Dr.S.Senthamizhselvi, AP/CSE, SVCE
10. Dr. S. Thaiyalnayaki, ASP/CSE, Bharath University
11. DR.S.D.Nandha Kumar, AP/CSE, SVCE
12. Dr.S.U.Muthunagai, AP Senior Grade 1, Scope school, VIT Vellore.

Feedback from Participants

S.No	Name:	College:	Feedback:	Email Address
1	Sujitha Kandiboina	Sri Vasavi Engineering College, Tadepalligudem, AP	Everything is good	sujithakandiboina@gmail.com
2	Hari Siva Krishna Chittidi	Sri Vasavi Engineering College	It is nicely doing	chittidiharisivakrishna@gmail.com
3	Mogalapalli P Ram Madhukar	Sri Vasavi Engineering College	Good	mogalapallimadhukar100@gmail.com
4	Meghavarshini K	Sri Venkateshwara College Of Engineering	amazing event	meghanaikarr@gmail.com
5	Meghavarshini K	Sri Venkateswara College of Engineering	amazing event	2020it0570@svce.ac.in
6	Abiraina A	Sri Venkateswara College of engineering	Nil	2020cs0845@svce.ac.in
7	Arunesh B	Sri venkateswara college of engineering	Nil	2020cs0742@svce.ac.in
8	Dharani.R	Sri Venkateswara college of engineering	Great event	2020cs0825@svce.ac.in
9	Tamizhselvan R D	sri venkateswara college of engineering	none	2021cs0564@svce.ac.in
10	Tamizhselvan R D	Svce	None	2021cs0564@svce.ac.in
11	Sredesh V	Sri Venkateswara College of Engineering	N/A	2021cs0066@svce.ac.in
12	P Vinothiyalakshmi	Sri Venkateswara College of Engineering	Good	vlakshmi@svce.ac.in
13	Roshaan S	Sri Venkateswara College of Engineering	NIL	2020it0107@svce.ac.in
14	ROHETH S	Sri Venkateswara College of Engineering	Good	2020it0109@svce.ac.in
15	Syed Mohideen Afridi M	Sri Venkateswara College of Engineering	Nil	2020it0157@svce.ac.in
16	Dr. D. Jayanthi	Sri Venkateswara College of Engineering	Excellent	jayanthi@svce.ac.in
17	V Priyadarshini	Sri Venkateshwara college of engineering	It was a Good experience	2021ad0043@svce.ac.in
18	Raveena A	Sri Venkateswara college of engineering	Good and informative	2021it0245@svce.ac.in
19	Saniya D	Sri Venkateswara College of Engineering	Interesting session	2021it0011@svce.ac.in

20	Vivekanand Pandian M M	Sri Venkateswara College of Engineering	Excellent	2021it0159@svce.ac.in
21	SHREYA S G	Sri Venkateswara College of Engineering	It was good conference event.	2021it0175@svce.ac.in
22	Vivekanand Pandian M M	Sri Venkateswara College of Engineering	Excellent	2021it0159@svce.ac.in
23	V SINGVALLIYAP PA	SRI VENKATESWARA COLLEGE OF ENGINEERING	excellent	2021it0673@svce.ac.in
24	Dr.G.Sumathi	Sri Venkateswara College of Engineering	Good	gsumathi@svce.ac.in
25	Padmadhrshini S	Sri Venkateswara College Of Engineering	The experience was great	2021it0226@svce.ac.in
26	Sangeetha G	Sri Venkateswara College Of Engineering	Good.	2021it0651@svce.ac.in
27	Dr. D.Jayanthi	Sri Venkateswara College of Engineering	Excellent	jayanthi@svce.ac.in
28	Padmadhrshini S	SRI VENKATESWARA COLLEGE OF ENGINEERING	Great experience	2021it0226@svce.ac.in
29	Preetha B	Sri Venkateswara College of Engineering	Very good	2021it0068@svce.ac.in
30	Lakshmanan M	Sri Venkateswara College of Engineering	Good	lakshmanan1909@gmail.com
31	Dr.G.S.Anandha Mala	Easwari Engineering College	Good	lakshmanan1909@gmail.com
32	Dr.K.M.AnandKumar	Easwari Engineering College	Good	lakshmanan1909@gmail.com
33	ARAVINDAN M	Sri venkateswara college of Engineering	Gained knowledge how to present the paper	2020cs0169@svce.ac.in
34	Mrs.R.AIYSHWARIYA DEVI	Sri Venkateswara College of Engg	Nice	aiyshwariya@svce.ac.in
35	Aravindan M	Sri Venkateswara College of engineering	Gain knowledge of paper publication conference	2020cs0169@svce.ac.in
36	Bala Chandar V	Sri Venkateswara college of engineering	Everything was good	2020cs0388@svce.ac.in
37	Bhuvaneswar.V.S	Sri Venkateswara college of engineering	goog	2020cs0530@svce.ac.in
38	Shanmuka Sainath Esikela	Vellore institute of technology Vellore		shanmuka.sainath2020@vitstudent.ac.in
39	Kanugo Krishna Ganesh	Vellore Institute of Technology	Good Experience	kanugokrishna.ganesh2020@vitstudent.ac.in
40	DR. ARIVOLI A	VIT UNIVERSITY	Over all good	arivoli.a@vit.ac.in

41	Dr.B.Kalaavathi	Vellore Institute of Technology	good	kalaavathi.b@vit.ac.in
42	JANAGIRAM K	Sri Venkateswara College of Engineering	Nice event	2023cs0489@svce.ac.in
43	JANAGIRAM K	Sri Venkateswara College of Engineering	Nice event	2023cs0489@svce.ac.in
44	AJAY M	Sri Venkateswara College of Engineering	Good	2023cs0489@svce.ac.in
45	Lekhashree Rajesh	Sri Venkateswara college of engineering	It was well organised	2020it0600@svce.ac.in
46	Krithik Sai Prasad P	SVCE	-	2020it0644@svce.ac.in
47	E SIVAKUMAR	Sri Venkateswara College of Engineering	Good	sivakumare@svce.ac.in
48	Vignesh N	SVCE	-	2020cs0441@svce.ac.in
49	Shobhanjaly P Nair	Sri Venkateswara College of Engineering	Good	shobhanjaly@svce.ac.in
50	Vignesh N	SVCE	-	2020cs0441@svce.ac.in
51	K. S. GEETHA AMIRTHA VARSHINI	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE	good	ksgeethaav4@gmail.com
52	Kanishk Raman JC	Sri Venkateswara College of Engineering	Good	kanishkfrye@gmail.com
53	SELVAMANI P	Sri Venkateswara College of Engineering	Well organized	pselvamani@svce.ac.in
54	M.Shashank	Sri Venkateswara College of Engineering	It was a well planned event that went smoothly without any hiccups	2023cs0753@svce.ac.in
55	Poorani S	Sri Venkateswara College of Engineering	Nil	spoorani@svce.ac.in
56	Dr. R. Anitha	Sri Venkateswara College of Engineering	Nil	spoorani@svce.ac.in
57	Vishva K	Sri Venkateswara College Of Engineering	Event was a nice one it was a good experience	2023cs0488@svce.ac.in
58	S. Poorani	Sri venkateswara college of Engineering	Nil	spoorani@svce.ac.in
59	Dr. R. Anitha	Sri Venkateswara College of Engineering	Nil	spoorani@svce.ac.in
60	Shreemirrah A K	Sri Venkateswara College of Engineering	Enriching experience	2021ad0146@svce.ac.in

61	Rajganesh N	SVCE	Nil	rajganeshn@svce.ac.in
62	S. Poorani	Sri Venkateswara College of Engineering	Nil	spoorani@svce.ac.in
63	Shruthika S	Sri Venkateswara College of Engineering	.	2020cs0794@svce.ac.in
64	S. Poorani	Sri Venkateswara College of Engineering	Nil	spoorani@svce.ac.in
65	SibhiChakravart hi B	Sri Venkateswara college of engineering	Had a good interaction and good questions.	2020cs0774@svce.ac.in
66	Vignesh N K	Sri Venkateswara College of Engineering	good	2020cs0455@svce.ac.in
67	varshitha.M	SVCE	It was really a great platform to express the ideas	2023cs0171@svce.ac.in
68	lyswarya R	Sri venkateswara college of engineering	Excellent	iyswarya@svce.ac.in
69	G. ThiruKumaran	Sri venkateswar college of engineering	Nil	2023cs0031@svce.ac.in
70	Sunil Sukumaran	Sri Venkateshwara college of engineering	Fantastic judges .they really gave us insights on how to improve our paper I am happy to attend this event	sunil.3sukumaran@gmail.com
71	Vishal M	Sri Venkateswara College of engineering	Nil	2020cs0454@svce.ac.in
72	Sujitha Kumar N	Sri Venkateswara college of engineering	Nothing	2020cs0495@svce.ac.in
73	Vishal jc	Sri Venkateswara college of engineering	Great opportunity to showcase our paper and conference went good which helps us to make our research more valuable.	2020cs0230@svce.ac.in
74	Hemabushan G	Sri Venkateswara Collage of Engineering	it is a new experience for me to presenting in front of every one	2020ad0945@svce.ac.in
75	Ganeshh S	Sri Venkateswara College of Engineering	Very good	harishganeshs270@gmail.com

76	SUKESH	Sri venkateswara college of engineering	It was great	bsukesh07@gmail.com
77	Ganeshh S	Sri Venkateswara College of Engineering	Very Good	harishganeshs270@gmail.com
78	Kiran Karthikeyan.S	Sri Venkateswara College of Engineering	The session was entertaining and fresh	2020ad0152@svce.ac.in
79	Dhivya S	Svce	Nil	dhivyas@svce.ac.in
80	Divyalakshmi L	Sri Venkateswara college of engineering, India	Was organised well	2022cs0262@svce.ac.in
81	ABHIJEET DUTTA	SRI VENKATESWARA COLLEGE OF ENGINEERING	It was a very good experience	2022ad0122@svce.ac.in
82	Bharathi M	Sri Venkateswara college of Engineering	Good event	2022ad0086@svce.ac.in
83	ASHWINRAJAN J S	SRI VENKATESWARA COLLEGE OF ENGINEERING	It was a great session and very interactive	2022ad0796@svce.ac.in
84	Mathavan M	Sri Venkateswara collage of engineering	Good experience	2022ad0265@svce.ac.in
85	T.Padmavathy	Sri Venkateswara college of engineering	Good	padmavathy@svce.ac.in
86	Guru Murthy K	Sri Venkateswara College of Engineering	Nil	2021ad0580@svce.ac.in
87	Deepan R	SVCE	None	2021ad0610@svce.ac.in
88	Gokul S	Sri Venkateswara College of Engineering	Improve the judging process	2021ad0170@svce.ac.in
89	Deepan R	Sri Venkateswara College of Engineering	Was well organised, Excellent work by student co-ordinators and thanks incharges	2021ad0610@svce.ac.in
90	MANOJ KUMAR S	Sri Venkateswara College of Engineering	It was such a good experience.	2021ad0251@svce.ac.in
91	Varun M	Sri venkateswara college of engineering	Overall the it was good	2020it0834@svce.ac.in
92	Vijayaragavan T	Sri venkateswara college of engineering	Overall it's nice effort	2020it0601@svce.ac.in
93	Vijay k	Sri Venkateswara College of Engineering	nil	2020it0849@svce.ac.in
94	Dr.A.Kala	Sri Venkateswara College of Engineering	Well Organized	akala@svce.ac.in
95	Keerthana R	Sri Venkateswara College of Engineering	Very useful	2020it0641@svce.ac.in

96	Kiran Kumar B	Sri Venkateswara College of Engineering	Good	2020it0605@svce.ac.in
97	Aadharsha Yadhav H	Sri Venkateswara College of Engineering	Good presentation	2020it0129@svce.ac.in
98	Dr. P. Sharon Femi	Sri Venkateswara College of Engineering	Good	sharon@svce.ac.in
99	Rithika B	Sri Venkateswara College Of Engineering	The conference was well - organised. The whole process was smoothly conducted.	2020it0088@svce.ac.in
100	Prathibha M	Sri Venkateswara College of Engineering	It was very useful, gave us many inputs for project and guided us how to improve our project.	2020it0237@svce.ac.in
101	Sahana S	Sri Venkateswara College of engineering	The conference went very interesting and the panel members really motivated us	2020it0612@svce.ac.in
102	Murahari A H	Sri Venkateswara College of Engineering (SVCE)	NIL	2021ad0142@svce.ac.in
103	Murahari A H	Sri Venkateswara College of Engineering (SVCE)	NIL	2021ad0142@svce.ac.in
104	Srilekha P	Sri Venkateswara College of Engineering	Good	2021ad0414@svce.ac.in
105	Dr. V. Rajalakshmi	Sri Venkateswara College of Engineering	Good	vraji1983@gmail.com
106	Murahari A H	Sri Venkateswara College of Engineering (SVCE)	Nil	2021ad0142@svce.ac.in
107	Baarath Arumugaraja	Sri Venkateswara College Of Engineering	Good sir	2023cs0772@svce.ac.in
108	ARAVINDHAN L	SRI VENKATESWARA COLLEGE OF ENGINEERING	Good!	2023cs0225@svce.ac.in
109	Janani S	Sri Venkateswara College of Engineering	Excellent organizers	sjanani@svce.ac.in
110	Aadhish	Sri Venkateswara college of engineering	It was an good experience and learned something	2023cs0516@svce.ac.in
111	PB AAKASH	Sri venkateswara college of engineering	Good	2021ad0803@svce.ac.in

112	Abhinav Krishna M A	Sri Venkateswara College of Engineering	Event was organised well. Keeping a winner for every track was really good and everything was planned and executed smoothly.	2021ad0543@svce. ac.in
113	Lakshmipriya P	Sri Venkateshwar college of engineering	Presentation meeting was a great exposure and experience	2022cs0368@svce. ac.in
114	Mohammad UZeir A	Sri Venkateswara College Of Engineering	not the bad	2022cs0082@svce. ac.in
115	C Sujay	Sri Venkateswara College of Engineering	Nil	2022cs0336@svce. ac.in
116	SHIVAM MANOJ SHUKLA	Sri Venkateswara College of Engineering Sriperumbudur	Wifi connection was lagging. Rest, the conference good.	2022cs0364@svce. ac.in
117	Sneha Sekaran	Sri Venkateshvara College of Engineering	A well organized event	2022cs0387@svce. ac.in
118	Bhavya S	Sri Venkateswara College of Engineering	Was great and valuable	2020cs0025@svce. ac.in
119	GURUMOORTH Y G	SAVEETHA ENGINEERING COLLEGE	GOOD	gurumoorthyg@save etha.ac.in
120	P.Sinthia	SEC	Good	sinthia@saveetha.ac .in
121	Kaviya P	Sri Venkateswara College of Engineering	The conference conducted is really appreciated for the smooth conduction	kaviyap@svce.ac.in
122	SHOBAN S	Sri Venkateswara College of Engineering	It was a great and informative session. Im so happy to be a part of it. And I look for more such conferences.	2022ad0133@svce. ac.in
123	Iyswarya R	Sri Venkateswara college of Engineering	Excellent	iyswarya@svce.ac.i n
124	Anitha R	Sri Venkateswara college of Engineering	Excellenet	iyswarya@svce.ac.i n
125	Dorraju Nikhita	Sri Venkateswara College of Engineering	Nice	2020cs0022@svce. ac.in

126	Abinesh. K. N	Sri Venkateswara college of Engineering	Nice	2020cs0022@svce.ac.in
127	Taruna Indrajith	Sri Venkateswara College of Engineering	This experience gave a clear insights on where to improve in our project.	2020cs0740@svce.ac.in
128	SAKTHI S	Sri Venkateswara College of Engineering	Nice	2022cs0952@svce.ac.in
129	Shivaji Annem	Vellore Institute of Technology	it was great	annemchatrapati@gmail.com
130	Annapurna shobitha	Vit vellore	Good	annapurna.shobitha2020@vitstudent.ac.in
131	Chaitanya M	Vellore Institute of Technology, VIT	Good	m.chaitanya169@gmail.com
132	Padmavathi M	Sri Venkateswara College of Engineering	Good	2020cs0512@svce.ac.in
133	Preetha V	Sri Venkateswara College of Engineering	Good	2020cs0432@svce.ac.in
134	Raghul Chellapandiyan S	Sri Venkateswara College of Engineering	Good	2020cs0433@svce.ac.in
135	Kiruthiga Elangovan	Sri Venkateswara College of Engineering	Very smooth process and no issues from the organizers	kiruthigae@svce.ac.in

Sample Certificates



SVCE Sri Venkateswara College of Engineering | **NCICRCET'24** | **ICTACADEMY** | Certificate ID: NCICRCET-24-BP-014

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

Abhijeet Dutta

of Sri Venkateswara College of Engineering for presenting the Best Paper titled **MENTAL HEALTH PREDICTION AND WELLNESS RECOMMENDATIONS** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL




SVCE Sri Venkateswara College of Engineering | **NCICRCET'24** | **ICTACADEMY** | Certificate ID: NCICRCET-24-BP-022

CERTIFICATE OF ACHIEVEMENT

This certificate is awarded to:

Iyswarya R

of Sri Venkateswara College of Engineering for presenting the Best Paper titled **A Comprehensive Analysis of Blind Quantum Key Distribution (BQKD) and Quantum Key Distribution (QKD) for Secure Key Transfer in Cloud-Based Health Record Application** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL



Certificates of Best Paper Award



**Sri Venkateswara
College of
Engineering**

SVCE Sri Venkateswara College of Engineering | NCICRCET'24 | ICTACADEMY | Certificate ID: NCICRCET-24-PC-08

CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

Dharani.R

of Sri Venkateswara College of Engineering for successfully presenting a paper titled **CLARITY BOT- A TEXTBOOK SUMMARIZER** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL

SVCE Sri Venkateswara College of Engineering | NCICRCET'24 | ICTACADEMY | Certificate ID: NCICRCET-24-PC-09

CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

Divyalakshmi L

of Sri Venkateswara College of Engineering for successfully presenting a paper titled **DIGITALISING INVENTORY MANAGEMENT FOR THE GENERAL ADMINISTRATION DEPARTMENT: A COMPREHENSIVE SOLUTION** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL

SVCE Sri Venkateswara College of Engineering | NCICRCET'24 | ICTACADEMY | Certificate ID: NCICRCET-24-PC-049

CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

K.S.Geetha Amirtha Varshini

of Hindustan Institute of Technology and Science for successfully presenting a paper titled **DAZZLE - YOUR PERFECT FIT** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL

SVCE Sri Venkateswara College of Engineering | NCICRCET'24 | ICTACADEMY | Certificate ID: NCICRCET-24-PC-01

CERTIFICATE OF PARTICIPATION

This certificate is awarded to:

Hari Siva Krishna Chittidi

of Sri Vasavi Engineering College for successfully presenting a paper titled **Early Detection Of Alzheimer's Disease Using Convolutional Neural Network** at NCICRCET'24 held at Sri Venkateswara College of Engineering, Sriperumbudur on 3rd May 2024.

Dr. R. Anitha
HoD/CSE

Prof. S. Ganesh Vaidyanathan
PRINCIPAL

Certificates of Participants



Certificates of Session Chair




Certificate ID: NCICRCET-24-FC-003

CERTIFICATE OF APPRECIATION

This certificate is awarded to:

Ms. Kapila Vani R K

has served as an **Faculty Coordinator** at the **NCICRCET'24** held at Sri Venkateswara College of Engineering, Sripurumbudur on 3rd May 2024. Your exceptional organizational skills and dedication have been instrumental in the success of the conference. We extend our sincere gratitude for your outstanding contribution and commitment.


Dr. R. Anitha
HoD/CSE




Prof. S. Ganesh Vaidyanathan
PRINCIPAL




Certificate ID: NCICRCET-24-FC-004

CERTIFICATE OF APPRECIATION

This certificate is awarded to:

Ms. Poorni R

has served as an **Faculty Coordinator** at the **NCICRCET'24** held at Sri Venkateswara College of Engineering, Sripurumbudur on 3rd May 2024. Your exceptional organizational skills and dedication have been instrumental in the success of the conference. We extend our sincere gratitude for your outstanding contribution and commitment.


Dr. R. Anitha
HoD/CSE




Prof. S. Ganesh Vaidyanathan
PRINCIPAL




Certificate ID: NCICRCET-24-FC-001

CERTIFICATE OF APPRECIATION

This certificate is awarded to:

Mr. Selvamani P

has served as an **Faculty Coordinator** at the **NCICRCET'24** held at Sri Venkateswara College of Engineering, Sripurumbudur on 3rd May 2024. Your exceptional organizational skills and dedication have been instrumental in the success of the conference. We extend our sincere gratitude for your outstanding contribution and commitment.


Dr. R. Anitha
HoD/CSE




Prof. S. Ganesh Vaidyanathan
PRINCIPAL




Certificate ID: NCICRCET-24-FC-001

CERTIFICATE OF APPRECIATION

This certificate is awarded to:

Ms. Shobanjaly P. Nair

has served as an **Faculty Coordinator** at the **NCICRCET'24** held at Sri Venkateswara College of Engineering, Sripurumbudur on 3rd May 2024. Your exceptional organizational skills and dedication have been instrumental in the success of the conference. We extend our sincere gratitude for your outstanding contribution and commitment.


Dr. R. Anitha
HoD/CSE



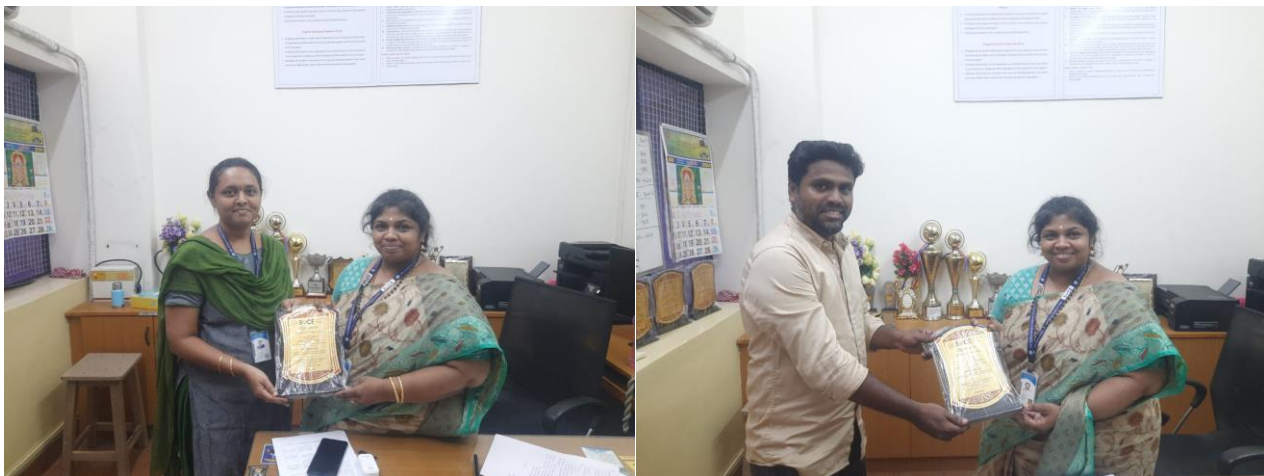
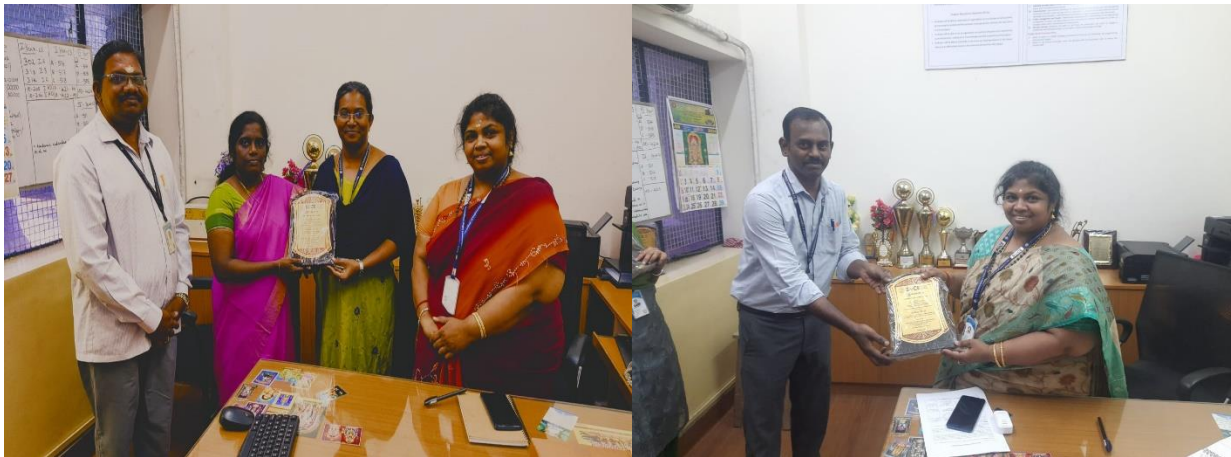

Prof. S. Ganesh Vaidyanathan
PRINCIPAL

Certificates of Organizers-Faculty



Certificates of Organizers-Students

Distribution of Memento to Session Chairs



Distribution of Memento to Session Chairs