

Department of Computer Science with Data Analytics– AY 2024-25

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	20-Jul-24	Ms. Reeta Julie Test Lead, Bosch Global Software Technologies, Coimbatore	Data Driven Healthcare Insights

Alumni Interaction

S. No.	Date	Title	Alumni
1	17-Aug-24	Igniting the Spark: Alumni perspectives for Emerging Data Scientists	Ms.S.Nanthana, Data Engineer, Zeb, Chennai

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	13-Sep-24 to 15-Sep-24	Dr. Mary Magdalene Jane	Best Paper	IEM Kolkatta
2	24-Aug-24	Dr. R.Suganthi	Best Young Researcher	Roots International Academic and Research Excellence, The Gandhigram Rural Institute, Madurai Kamaraj University & BODHI

				International Journal of Research in Humanities Arts & Science, India
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Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	03-Oct-24	Dr. R.Suganthi	Resource Person	Pavai Arts and Science College for Women

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	27-Sep-24	Ms. S. Shenbaha	Seminar on Role of Statistics in Machine Learning	Dr. M.G.R. Educational And Research Institute, Chennai
2	09-Sep-24 to 13-Sep-24	Ms. S. Shenbaha	FDP on Exploring Computational Intelligence in Deep Learning: Emerging Trends and Real Time Applications	Kamaraj College of Engineering, Virudhunagar
3	09-Sep-24 to 13-Sep-24	Ms. S. Shenbaha	FDP on Exploring Artificial Intelligence	DMI College of Engineering
4	09-Sep-24 to 13-Sep-24	Ms. S. Govardhini	FDP on Exploring Artificial Intelligence	DMI College of Engineering
5	28-Aug-24	Mrs.S.Shenbaha	Seminar on Preparation Tricks to Crack NET/SLET and Competitive Exams	Dr. M.G.R. Educational and Research Institute, Chennai
6	19-Aug-24 to 24-Aug-24	Mrs.S.Shenbaha	FDP on Exploring New Horizons in Mathematical Research	V. O. Chidambaram College, Thuthukudi

7	19-Aug-24 to 23-Aug-24	Mrs.S.Shenbaha	FDP on ICT Tools for Effective Teaching	Hindustan College of Engineering and Technology, Coimbatore
8	12-Aug-24 to 17-Aug-24	Mrs.S.Shenbaha	FDP on Current Trends in Technology	Mar Gregorios College of Arts & Science, Chennai
9	12-Aug-24 to 17-Aug-24	Dr.V.Preamsudha	FDP on Internet of things for emerging technical Applications	M.P.Nachimuthu and M.Jagnathan Engineering college
10	12-Aug-24 to 17-Aug-24	Dr.V.Sangeetha	FDP on Internet of things for emerging technical Applications	M.P.Nachimuthu and M.Jagnathan Engineering college
11	09-Aug-24 to 10-Aug-24	Mrs.S.Shenbaha	International Seminar on E-Tools for Research: Hands on Practice	Centre for Research and Development (CFRD) & K.S.R. College of Engineering, Tiruchengode
12	29-Jul-24 to 02-Aug-24	Ms.S.Govardhini	FDP on Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai
13	29-Jul-24 to 02-Aug-24	Dr.V.Sangeetha	FDP on Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Royapettah, Chennai
14	22-Jul-24 to 29-Jul-24	Ms. S. Shenbaha	FDP on Enhancing Academic and Administrative Excellence Through Quality Initiatives	Park college Coimbatore
15	22-Jul-24 to 29-Jul-24	Dr. V. Sangeetha	FDP on Enhancing Academic and Administrative Excellence Through Quality Initiatives	Park college Coimbatore
16	05-Jul-24 to 11-Jul-24	Ms. S. Shenbaha	Workshop on Data Visualization and Analytics with Excel, Power BI, Tableau and Generative AI	Marian College, Kuttikkanam & IPSR Solutions
17	05-Jul-24 to 11-Jul-24	Dr. V. Sangeetha	FDP on Data Visualization and Analytics with Excel, Power BI, Tableau and Generative AI	Marian College, Kuttikkanam & IPSR Solutions

18	04-Jul-24 to 05-Jul-24	Dr. R. Suganthi	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
19	15-Jun-24 to 16-Jun-24	Dr. R. Suganthi	Workshop on Data Analytics & AI	University of Calicut
20	15-Jun-24	Ms. R. Ranjani	Workshop on Data Analytics & AI	University of Calicut
21	10-Jun-24 to 14-Jun-24	Ms. S. Govardhini	FDP on Personality Development (Online FDP)	ICT Academy
22	06-Jun-2024 to 10-Jun-2024	Ms. R. Ranjani	FDP on Personality Development (Online FDP)	ICT Academy
23	27-May-24 to 01-Jun-24	Ms. S. Govardhini	Faculty Development program on Quantum Computing	Sri Sri Ram Engineering College, Chennai

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/Scopus
1	Ms. S. Shenbaha	Analyzing The Impact Of Distributed Ledger Technology On India's Financial Landscape Using BlockChain System	Conference Proceedings	ISBN: 978-81-971457-8-0, Volume 1, pp.168, Oct-24		Proceedings
2	Ms. S. Shenbaha	Big Data Analytics And Indigenous Knowledge Integration	ICSSR, New Delhi sponsored National Seminar on "Integration of	ISBN:978-81-971000-5-5, Volume 2, pp.437 - 448, Sep 2024		Proceedings

			Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024)"			
3	Ms. S. Shenbaha	Synergizing Indian Knowledge Systems With Machine Learning: A Comprehensive Review And Framework	ICSSR, New Delhi sponsored National Seminar on "Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective (ICSSRIKS2024)"	ISBN:978-81-971000-5-5, Volume 2, pp.437 - 448, Sep 2024		Proceedings
4	Dr. F. Mary Magdalene Jane	Exploring Knee Osteoarthritis Diagnosis through efficient mixture of Machine learning and deeplearning models:A comprehensive Review"	Indian Journal of Natural Sciences	ISSN: 0976 – 099, Vol.15 / Issue 85 / Aug / 2024 (77457-77465), Aug-24	2.742	Web of Science
5	Ms. R. Ranjani	Advancements in Diagnosing and Monitoring Knee	Indian Journal of Natural Sciences	ISSN: 0976 – 099, Vol.15 / Issue 85 /	2.742	Web of Science

		Osteoarthritis through Intelligent Sensor Technologies		Aug / 2024 (77457-77465)		
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Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	03-Oct-24 to 04-Oct-24	Ms. S. Shenbaha	ICT Academy & National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24)	Analyzing The Impact Of Distributed Ledger Technology On India's Financial Landscape Using BlockChain System	SRM Institute of Science and Technology, Ramapuram, Chennai.
2	1-Oct-24 to 03-Oct-24	Dr. V. Sangeetha	International Conference of Advancements in Generative AI,IIOT and Quantum computing for sustainable Development(ACAIQCSD-2024)	Exploring GAN Applications in Image Generation and Style transfer	Erode Sengunthar Engineering college
3	13-Sep-24 to 15-Sep-24	Dr. Mary Magdalene Jane	IEM-HEALS-24	Automated severity classification of knee osteoarthritis using Deep learning and image sharpening	IEM,Kolkata
4	18-Sep-24 to 20-Sep-24	Ms. C. Karpagam	IEEE International Conference	Detection of Autism Spectrum Disorder in Eye tracking Using Hybrid Machine Learning and Deep Learning Technique	Kongunadu College of Engineering and Technology, Trichy
5	04-Jul-24 to 05-Jul-24	Ms. S. Shenbaha	National Seminar on Integration of Traditional Indian Knowledge	Synergizing Indian Knowledge Systems with Machine Learning: A	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore

			System into Modern Higher Education: NEP Perspective	Comprehensive Review & Framework	
6	04-Jul-24 to 05-Jul-24	Ms. S. Shenbaha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Big Data Analytics and Indigenous Knowledge Integration	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
7	04-Jul-24 to 05-Jul-24	Ms. R. Ranjani	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	From Heritage to Horizon: NEP Cultural Revival in Indian Education	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
8	04-Jul-24 to 05-Jul-24	Ms. S. Govardhini	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Incorporating Data Analytics a cornerstone of the NEP for Indian Education	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
9	04-Jul-24 to 05-Jul-24	Dr. V. Sangeetha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Machine Learning Roles in Modern Technology	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
10	04-Jul-24 to 05-Jul-24	Mr. C. Anbarasan	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	The Integration of Traditional Knowledge Systems into Modern Artificial Intelligence	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
11	04-Jul-24 to 05-Jul-24	Mr. S. Premkumar	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	The Integration of Traditional Knowledge Systems into Modern Artificial Intelligence	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
12	04-Jul-24 to 05-Jul-24	Dr. R. Suganthi	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	03-Oct-24 to 04-Oct-24	Abi Mathew P V, Vijayan N	ICT Academy & National Conference on NEXT GEN INFORMATION SCIENCE, COMMUNICATION AND TECHNOLOGY (NGISCT'24)	Analyzing The Impact Of Distributed Ledger Technology On India's Financial Landscape Using Blockchain System	SRM Institute of Science and Technology, Ramapuram, Chennai.
2	01-Oct-24 to 03-Oct-24	Nirmal Kumar V, Dinesh Kumar R	International Conference of Advancements in Generative AI, IIOT and Quantum computing for sustainable Development (ACAIQCSD -2024)	Exploring GAN Applications in Image Generation and Style transfer	Erode Sengunthar Engineering college
3	04-Jul-24 to 05-Jul-24	K. Ezhil Rathinavadivu, K Devavarnani	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Big Data Analytics and Indigenous Knowledge Integration	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
4	04-Jul-24 to 05-Jul-24	A. Jeevika, E. Nidhisha Mol	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Synergizing Indian Knowledge Systems with Machine Learning: A Comprehensive Review & Framework	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore

5	04-Jul-24 to 05-Jul-24	R. S. Archana	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Machine Learning Roles in Modern Technology	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
6	04-Jul-24 to 05-Jul-24	S. Anusha, D. Duraivel	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	From Heritage to Horizon: NEP Cultural Revival in Indian Education	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore
7	04-Jul-24 to 05-Jul-24	Varsha T, Dharshitha P S	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Incorporating Data Analytics a cornerstone of the NEP for Indian Education	IQAC, Dr. N.G.P. Arts and Science College, Coimbatore

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	01-Jul-2024	Ms. C. Karpagam	Leveraging machine learning models for intelligent hazard management	CRC Press	01-Jul-2024	9781003452393

Department of Computer Science with Data Analytics – AY 2024-25

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	21-Mar-25 to 22-Mar-25	Mr. R. Jeevanantham Data Analyst, Flipkart, Bengaluru	Python for Data Science
2	14-Dec-24	Ms. N. Indhu Rekha Cloud Engineer, LTIMindtree, Coimbatore	Leveraging Cloud Infrastructure for Large Scale Analytics

Alumni Interaction

S. No.	Date	Title	Alumni
1	25-Jan-25	Decoding Success: Alumni Narratives in Data Science	Ms. M. Geetha Junior Associate, Annalect, Omnicom Media Group, Coimbatore

Student Development Programme

S. No.	Date	Title	Resource Person
1	06-Mar-25	Automatic Speech Recognition using NLP and Deep Learning Techniques	Ms. M.Anusree and Mr. Pavithran I M.Sc. (CSDA)

Other Activities

S. No.	Date	Title	Resource Person
1	02-Jan-25	Workshop - Pyspark using Data Bricks	Mr.Hariharan Manikandan Data Lead, Avasoft, Chennai

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	13-Sep-24 to 15-Sep-24	Dr. Mary Magdalene Jane	Best Paper	IEM Kolkatta
2	24-Aug-24	Dr. R.Suganthi	Best Young Researcher	Roots International Academic and Research Excellence,The Gandhigram Rural Institute,Madurai Kamaraj University BODHI International Journal of Research in Humanities Arts & Science, India

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	24-Feb-25	Dr. V. Pream Sudha	Session Chair	PSGR Krishnammal College for Women, Coimbatore
2	18-Feb-25	Dr. R.Suganthi	Guest Speaker	Annai Women's College, Karur

3	14-Feb-25	Dr. R.Suganthi	Resource Person	Pavai Arts and Science College, Namakkal
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Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	10-Apr-25 to 21-Apr-25	Mrs. S. Shenbaha	FDP on AI Innovations in Computer Vision, IoT, and Medical Imaging	E & ICT Academy, National Institute of Technology, Warangal & SRM Institute of Science & Technology, Chennai.
2	31-Mar-25 to 04-Apr-25	Mrs. S. Shenbaha	FDP on Next Gen-AI and Data Analytics: Strategies for the future	Astana IT University, Kazakhstan
3	01-Mar-25 to 09-Mar-25	Mrs. S. Shenbaha	FDP on Text Analytics using Deep Learning	Electronics & ICT Academy National Institute of Technology, Patna
4	24-Feb-25 to 28-Feb-25	Mrs. S. Shenbaha	FDP on Empowering Educators: Strengthening Cybersecurity Awareness, Defence & Research	PSG College Of Arts & Science, Coimbatore
5	24-Feb-25 to 28-Feb-25	Dr. V. Sangeetha	FDP on Empowering Educators: Strengthening Cybersecurity Awareness, Defence & Research	PSG College Of Arts & Science, Coimbatore
6	17-Feb-25 to 22-Feb-25	Mrs. S. Shenbaha	FDP on Mathematics in the Era of AI Adapting to Emerging Trends and Tools	PSGR Krishnammal College for Women, Coimbatore
7	17-Feb-25 to 21-Feb-25	Mr. S.Prem Kumar	FDP on Microsoft Power BI Data Analyst	ICT Academy Kongunadu Arts and Science College, Coimbatore
8	10-Feb-25 to 14-Feb-25	Mrs. S. Shenbaha	FDP on Cloud Computing & AI Integration	Sathyabama Institute Science and Technology, Chennai
9	03-Feb-25 to 07-Feb-25	Mr. S.Prem Kumar	FDP on Microsoft Azure AI Engineer	E& ICT Academy

				Dr. NGP Arts and Science College, Coimbatore
10	03-Feb-25 to 07-Feb-25	Dr. V. Pream Sudha	FDP on Microsoft Azure AI Engineer	E& ICT Academy Dr. NGP Arts and Science College, Coimbatore
11	27-Jan-25 to 31-Jan-25	Dr. V. Pream Sudha	FDP on Innovative Trends in Artificial Intelligence For Teaching And Research	CHIRD, PSGR Krishnammal Collge for Women, Coimbatore
12	27-Jan-25 to 31-Jan-25	Ms. C. Karpagam	FDP on Innovative Trends in Artificial Intelligence For Teaching And Research	CHIRD, PSGR Krishnammal Collge for Women, Coimbatore
13	20-Jan-25 to 25-Jan-25	Mrs. S. Govardhini	FDP on Transforming Industries With AI : Deep Learning Breakthroughs And Real-World Applications	SRM Institute Of Science And Technology Ramapuram Campus
14	20-Jan-25 to 25-Jan-25	Mrs. R. Ranjani	FDP on Transforming Industries With AI : Deep Learning Breakthroughs And Real-World Applications	SRM Institute Of Science And Technology Ramapuram Campus

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	21-Mar-25	DHANYA K R, Pavithran S, Venkatesh.S, Gobika	Hackathon	Sri Sakthi Institute of Engineering and Technology, Coimbatore	1st Place
2	13-Mar-25	DHANYA K R, Venkatesh.S, Gobika, Vidhyabharathi	Hackathon	PSG College of Arts and Science, Coimbatore	Participated
3	04-Mar-25	Sowmiya R, Helen evangalline A	Kaithi	Dr. N.G.P Arts And Science College, Coimbatore	Participated
4	28-Feb-25	Selva Ganesh K	Solo Dance	Rathinam Arts And Science College, Coimbatore	2nd Place
5	19-Jan-25	Kanishka	Silmbam	KPR Institute of Technology, Coimbatore	1st Place
6	31-Jan-25	Dhanya K, Aswini R, Dharika P	National Level Technical	Kongunadu Arts and Science College, Coimbatore	Participated

			Symposium (Quiz)		
7	31-Jan-25	Anushri P, Dhanusri S, Kanagalakshimi G, Roshini K	Smart Shot	Sri Ramakrishna College of Arts and Science, Coimbatore	Participated
8	31-Jan-25	Vikashini P, Uthira devi R, Sujithra J	Joy Junction	Sri Ramakrishna College of Arts and Science, Coimbatore	Participated
9	28-Jan-25	Kisholl S, Thiyaguthamil S, Pavithran S	Short Film	Dr. N.G.P Arts And Science College, Coimbatore	2nd Place
10	27-Jan-25	Helen evangalline A	Just a Minute	Dr. N.G.P Arts And Science College, Coimbatore	1st Place

Staff Publication

S. No.	Name of the Faculty	Title	Journal Name	ISSN / ISBN No. Date of publishing Vol. No.	Impact Factor	SCI/WoS/UGC/ SSCI/Scopus
1	Ms. S. Shenbaha	Data-Driven Real Estate Valuation: A Case Study Integrating Linear Regression and Random Forest Models	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Apr-2025	8.771	Peer-Reviewed
2	Ms. S. Shenbaha	Advancing Precision Agriculture with IoTBased Crop Recommendation Frameworks	International Journal of Innovative Research in Science	6550-6555, Volume 14, Issue 4, April 2025	8.699	Peer-Reviewed

			Engineering and Technology (IJIRSET)			
3	Ms. S. Shenbaha	Brain Stroke Detection using CNN in a Flask a Integration	International Journal of Multidisciplinary Research in Science, Engineering and Technology (IJMRSET)	4794-4797, Volume 8, Issue 4, April 2025	8.206	Peer-Reviewed
4	Ms. S. Shenbaha	Smart Fertilization System Enhancing Sustainable Agriculture through IoT Integration	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Apr-2025	8.771	Peer-Reviewed
5	Ms. S. Shenbaha	Video Summarizer using Transformers	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Apr-2025	8.771	Peer-Reviewed
6	Ms. S. Shenbaha	Garbage Detection on Water Surface using Yolo	International Journal of Innovative Research in computer and	2320-9081, Volume 13, Issue 4, Apr-2025	8.771	Peer-Reviewed

			communication engineering			
7	Ms. S. Shenbaha	Gold Price Prediction using Machine Learning	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Apr-2025	8.771	Peer-Reviewed
8	Dr.R.Suganthi	Revolutionizing Health care:Cutting-edge data analytics solutions	Indian Journal of Natural Science	0976-0997, Apr-2025	3.087	Web of Science
9	Dr.V.Sangeetha	Classification of Spinal Muscular Atrophy (SMA) Disease Using SVM Classification	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Mar-2025	8.771	Peer-Reviewed
10	Dr.V.Sangeetha	Diabetic Retinopathy Detection using Deep Learning	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Mar-2025	8.771	Peer-Reviewed
11	Dr.V.Sangeetha	Surveillance for Threat Detection using Yolo	International Journal of Innovative Research in	2320-9081, Volume 13, Issue 4, Mar-2025	8.771	Peer-Reviewed

			computer and communication engineering			
12	Dr.V.Sangeetha	Sepsis Detection Using Machine Learning	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Mar-2025	8.771	Peer-Reviewed
13	Dr.V.Sangeetha	Blood Cell Classification using Deep Learning	International Journal of Innovative Research in computer and communication engineering	2320-9081, Volume 13, Issue 4, Mar-2025	8.771	Peer-Reviewed
14	Dr.V.Sangeetha	Outsmarting Phishers: A Comparative Analysis of Machine Learning Techniques	Journal of Information Technology and Digital World	2582-418X, Feb-2025		Proceedings
15	Ms. A. Roselin	Real Time Pedestrian Detection with YOLO:Advancing Accuracy and Efficiency in Autonomous Systems and Surveillance	Digital Transformation in Commerce and management: The Role of AI and Emerging Technologies	978-81-985079-6-9, Feb-2025		Peer-Reviewed

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	10-Mar-25 to 12-Mar-25	Mrs. S. Shenbaha	International Conference	Deep Learning-Based Classification of Fetal Brain MRI using a CNN-RNN Hybrid Model with Attention Mechanism	Kaaf University, Ghana, West Africa
2	10-Mar-25 to 12-Mar-25	Dr. V. Pream Sudha	International Conference	Thalaseemia Prediction using Deep Neural Networks: A Step Towards Personalized Medicine	Stamford University, Thailand
3	21-Feb-25 to 22-Feb-25	Mrs. S. Govardhini	International Conference	STEM Beyond Gender: Challenges and Opportunities for Transgender Students in Science and Technology Fields	Kalinga University, Raipur
4	03-Jan-25	Mrs. S. Shenbaha	International Conference	AI Nutrition Bot	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia
5	03-Jan-25	Mrs. S. Shenbaha	International Conference	Securing Academic Publishing with Privacy and Cyber Security	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia
6	03-Jan-25	Dr.V. Pream Sudha	International Conference	Automated Tuberculosis Detection using Convolutional Neural Networks : A Comparative study	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia

7	03-Jan-25	Dr. V. Sangeetha	International Conference	Outsmarting Phishers: A Comparative Analysis of Machine Learning Technique	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia
8	03-Jan-25	Dr. R. Suganthi	International Conference	Smart Diabetes Prediction System: Utilizing Machine Learning for Early Risk Detection	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia
9	03-Jan-25	Dr. R. Suganthi	International Conference	Machine Learning in Communication Networks: Trends and Challenges	Dr. NGP Arts and Science College, Coimbatore & Curtin University, Malaysia
10	18-Dec-25	Dr.V. Pream Sudha	National Conference	AI - Driven Financial Security and Fraud Detection	Bannari Amman Institute of Technology, Sathyamangalam
11	18-Dec-25	Ms. C. Karpagam	National Conference	Recent Trends in Artificial Intelligence and Soft Computing	Bannari Amman Institute of Technology, Sathyamangalam
12	18-Dec-25	Ms. R. Ranjani	National Conference	AI Powered Database Query Optimization	Bannari Amman Institute of Technology, Sathyamangalam

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	19-Mar-25	Devavarnani K Agalya S	FESTA 25	Edge AI	KPR Institute of Engineering and Technology, Coimbatore

2	19-Mar-25	Chandana S Rithanya S Vithya A	FESTA 25	Data Visualization	KPR Institute of Engineering and Technology, Coimbatore
3	22-Feb-25	Ramya S Vigneshwari	XIANZE 25	Cloud Computing	KG College of Arts and Science, Coimbatore
4	15-Feb-25	Dhanya K R Venkatesh.S	INNOVATIX 25	RAG Application	Kongu Engineering College, Erode
5	22-Feb-25	Dhanya K R Venkatesh.S	XIANZE 25	RAG Application	KG College of Arts and Science, Coimbatore
	22-Feb-25	Maheswaran SSuweka N	XIANZE 25	Computer Vision	KG College of Arts and Science, Coimbatore
6	31-Jan-25	Purnithaa B R Rikshitha M	XIANZE 25	Impact on Society and Employment	Kongunadu Arts and Science College, Coimbatore
7	31-Jan-25	Helen evangelline A Suweka N	Paper presentation	Recent Trends in AI and its applications in various fields	Kongunadu Arts and Science College, Coimbatore
8	29-Jan-25	Kavya S Nivedha S B	Paper presentation	Blockchain Technology	Suguna College of Arts and Science, Coimbatore

Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1	Apr-2025	Mrs. S. Shenbaha	Research Trends in Mathemartical, Statistical and Computational Sciences	MKSES Publishers, Lucknow India	Apr-2025	978-81-19746-68-2

2	Mar-2025	Mrs. S. Shenbaha	Deep Learning -Based Classification Of Fetal Brain Mri Using A CNN-RNN Hybrid Model With Attention Mechanism	MKSES Publications	Mar-2025	978-81-19746-90-3
3	Mar-2025	Mrs. S. Shenbaha	AI and IOT Applications	IOTA Publishers	Mar-2025	978-93-48990-27-3
4	Mar-2025	Dr. V. Sangeetha	Big Data Analytics	Blue Pen Publications	Mar-2025	978-93-6940-334-9
5	Feb-2025	S.Premkumar	Prediction of Liver Cirrhosis using Machine Learning	Shaping the Digital Futur: From Algorithms to Intelligence, Qtanalytics	Feb-2025	978-81-980647-6-9
6	Feb-2025	Dr. V. Pream Sudha	AI and Machine Learning for Detecting Turmeric Leaf Diseases	LAP Lambert Academic Publishing	Feb-2025	978-620-8-43037-5
7	Jan-2025	Dr.V.Sangeetha	Comparative Analysis of Various Filtering Techniques for Denoising MRI Images of Uterus for Diagnosis of Endometrial Carcinoma	The Hill Publications	Jan-2025	978-81-971947-2-6
8	Jan-2025	S.Premkumar	Lung Cancer Classification using Convolutional Neural Networks Learning approach and Support Vector Machine Technique	Innovations and Trends in Modern Computer Science Technology-Overview, Challenges and Applications, Qtanalytics	Jan-2025	978-81-980647-5-2
9	Jan-2025	Dr.R.Suganthi	Leveraging Data science for enhanced cyber security:Techniques,Ap	Innovation Online Training Academy(IOT),Coimbatore	Jan-2025	978-93-48990-24-2

			plications and threat mitigation strategies			
10	Jan-2025	Ms.S.Govardhini , Ms.R.Ranjani	Introduction to Cryptography	Scientific International Publishing House	Jan-2025	978-93-6674-627-2