

Department of Computer Science – AY 2024-25

Department Activities

Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	16.7.2024	Mr. Robert Immanuvel Cloud Integration Specialist Zoho Corporation, Chennai	Azure Identity Management: Leveraging Microsoft Technologies
2	11.09.2024	Dr Radha Dhamodaran, Director, White Hat Junior Pvt.Ltd & MC Member of CSI Coimbatore Chapter.	Blockchain for Sustainability
3	19.12.24	Mr. Meyyappan Srinivasan Group Manager Bosch Global Software Technologies Coimbatore	Unlocking Career Opportunities in Product Centric Organizations

Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	25.09.2014- 2015	Knowledge Exchange Programme.	From Diagnosis to Treatment: The Role of Computer science in Modern Radiation Therapy	Mrs. Daisy G Assistant Professor Department of Medical Physics Dr. N.G.P. Arts and Science College
2	02.1.25	Pre - Conference Workshop	Internet of Things and Cybersecurity	Dr. Wong Wei Kitt,

				Associate Professor, Department of Electrical and Computer Engineering, Curtin University, Malaysia Dr. Sivaraman Eswaran, Senior Lecturer, Department of Electrical and Computer Engineering, Curtin University, Malaysia
3	03.01.25	Computational Intelligence And Communication Technologies ICCICT-2K25	1.Advanced Sensing Solutions with Low-Cost Spectral Sensors 2.AI Adoption and Governance: Challenges and Future Opportunities 3.Transforming Intelligence across Industries with Gen AI	1. Dr. Wong Wei Kitt, Associate Professor, Department of Electrical and Computer Engineering, Curtin University, Malaysia 2.Mr. Gowri Shanker Viswanathan Founder, Emergere Technologies LLC Texas, United States. 3.Mr. Pandiyan Adiyapatham Assistant Vice President, Cognizant, Chennai
4	14.2.25 & 15.2.25	Workshop	Power BI	Ms. Nithya A, Project Manager, Finsight Analytics, Coimbatore
5	09.2.25	Workshop	Creating Intuitive UI/UX and Innovative Products	Mr. Sanju Sivalingam, CEO-ThisUX, Global UI/UX design studio, Chennai.

Student Development Programme

S. No.	Date	Title	Resource Person
1	31.7.2024	Securing Your Digital Identity: Preventing Personal Information Leaks	Mr. Finny Johnson, III B.Sc. Computer science

2	29.1.2025	Autonomous Vehicles	Moderator: Mr. Davanesh Shukla, AI & Robotics Engineer, Nunnari Labs, Coimbatore
3	28.2.2025	Unleash Your Career Potential	Mr. Aarthik Bala A P, III <u>B.Sc.</u> Computer Science - B

Faculty Professional Development Programme

S. No.	Date	Title	Resource Person
1	19.03.2025	Swarm Robotics and Collective Intelligence	Dr.S.UMA Professor and Head i/c, Department of Computer Science, Dr.N.G.P. Arts and Science College

Alumni Interaction

S. No.	Date	Title	Alumni
1	21.9.2024	Hiring in 2025: Key Industry Trends and How to Prepare	Mr. Prasanth Subramani Maui Full Stack Developer Ava Soft, Chennai

Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	25.1.2025	Awareness of Finite Renewable Resources collaboration with NMCT(Native Medicare Charitable Trust)	Nellithurai Village	68

Co-curricular Activities

S.No	Date	Name of the Event

Other Activities

S. No.	Date	Title	Resource Person
1	20.9..24 to 21.9.24	Visiting Faculty Lecture - Java Programming	Mr. A.S.Aathitya Prabu Aspire Systems Lead Software Engineer Chennai
2	21.03.2025 to 22.03.2025	Visiting Faculty Lecture - Python Programming	

Department Achievements

Awards and Prizes for Staff

S.No	Date	Name of the Staff	Name of the Award	Awarded by
1	19.03.2024	Dr.R.Kavitha	Best Ph.D Thesis Award	Award from Sri Nalla Gounder Research & Innovation Awards, Dr.N.G.P. Arts and Science College, Coimbatore,
2	5.9.2024	Dr.M.Sangeetha	Best Faculty Award	Thirukkural Research Academy

3	10.09.2024	Dr.R.Kalaivani	BEST TEACHER APPRECIATION AWARD	LIONS CLUB INTERNATIONAL
4	11.12.2024	Dr.S.Uma	Aalumai Award	Kavisiragu
5	28.03.2025	Dr.R.Kavitha	Excellence in Research and Publication Award	SNS Faculty Excellence Award'25
6	28.03.2025	Dr.M.Sangeetha	Excellence in Research and Publication Award	SNS Faculty Excellence Award'25
7	28.03.2025	Dr.G.Angeline Prasanna	Excellence in Research and Publication Award	SNS Faculty Excellence Award'25
8	02.10.2024	Dr. S. Omprakash	Excellence in Teaching and Mentorship Award	John the Baptist University, Central Africa & Multi Spectrum Rural Skill Development And Educational Trust, Kanyakumari
9	27/04/2025	Dr.S.Uma	Best Faculty - Excellence in Innovative Teaching Award	Vivekananda Institute of Management Studies (VIMS)

Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	3.9.2024	Dr.P.Usha	Editorial Board Member	MAT Journal
2	14.8.2024	Dr.M.Sangeetha	Editorial Board member	MAT Journal
3	14.08.2024	Dr Angeline Prasanna G	Editorial Board member	MAT Journal
4	14.8.2024	Dr.R.Kavitha	Editorial Board member	MAT Journal
5	09.08.2024	Dr.R.Kavitha	Resource Person - IPR and IP Management	Pioneer Arts and Science College Coimbatore

6	25.07.2024 To 31.07.2024	Dr.R.Kavitha	Certificate of Appreciation “One week Internship Program” - Node.JS Journey: From Beginner to BackEnd Developer.	MSME - Marcello Tech, Trichy
7	04.07.2024 &05.07.2024	Dr.S.Uma	Session Chairman in National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Dr.N.G.P. Arts and Science College
8	18-06-2024	Dr.S.Uma	Editorial Board Member	MAT journal
9	25-06-2024	Dr.S.Uma	Reviewer	Journal of Big Data Technology and Business Analytics
10	3.1.2025	Dr.S.Uma	Convenor, International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Dr.N.G.P. Arts and Science College
11	3.12.2024 & 3.4.2025	Dr.S.Uma	BOS member	P.S.G.R.Krishnammal College for Women
12	15.06.2024	Dr. S. Omprakash	Reviewer	BP International
	04.07.24	Dr. S. Omprakash	Reviewer	IJSA
13	15.02.24	Dr. S. Omprakash	Reviewer	Asian Journal of Medicine and Health
14	25.07.2024 To 31.07.2024	Dr.S. Omprakash	Certificate of Appreciation “One week Internship Program” - Node.JS Journey: From Beginner to BackEnd Developer.	MSME - Marcello Tech, Trichy

15	20.2.2025	Dr.S. Omprakash	Certificate of Appreciation, Guest Lecture -Web 3.0	Pioneer College of Arts and Science
16	20.03.2025	Mrs.V.Bakyalakshmi	Editorial Board Member	MAT journal
17	31.03.2025	Mrs.V.Bakyalakshmi	Reviewer	Journal of Big Data Technology and Business Analytics
18	18.03.2025	Dr.B.Sivaranjani	Reviewer	Sigma Journal of Engineering and Natural Sciences
19	21/05/2025	Dr.S.Uma	BOS member in PG CS Board	Bharthiar University

Staff Participation

S. No.	Date	Name of the Staff	Event	Organization / Institution
1	18.6.2024 - 22.6.2024	Dr.M.Sangeetha	Recent trends in Artificial Intelligence and Machine Learning (FDP)	Bonam venkata Venkata Chalamayya Engineering College
2	1.7.2024 - 7.7.2024	Dr.M.Sangeetha	Online FDP	Star International Foundation for Research and Education,Tiruchengode
3	22.7.2024- 26.7.2024	Dr.M.Sangeetha	Online Webinar	Reva University,Bengaluru
4	3.9.2024	Dr.P.Usha	Online National Webinar - Introduction to Data Science	The Institution of Engineers
5	3.9.2024	Dr.B.Sivaranjani	Online National Webinar - Introduction to Data Science	The Institution of Engineers
6.	29.07.2024 -	Dr.R.Kavitha	One week Internship Programme in Deep	MSME - Marcello Tech, Trichy

	04.08.2024		Dive into Advance Machine Learning using Python:From Theory of Practice	
7.	01.07.2024 - 07.07.2024	Dr.R.Kavitha	One week Internship Programme in Front - End Fundamentals: A Comprehensive Guide to HTML, CSS, Javascript and React	MSME - Marcello Tech, Trichy
8.	18.6.2024 - 22.6.2024	Dr.R.Kavitha	Recent trends in Artificial Intelligence and Machine Learning (FDP)	Bonam venkata Venkata Chalamayya Engineering College
9.	22.07.2024 - 26.07.2024	Dr.R.Kavitha	Generative AI and the Future of Work	Reva University
10	02-12-24 to 07-12-24	Dr.S.Maheshwari	ATAL FDP on High Performance Computing for Data Intensive and Complex AI Applications	Chaitanya Bharathi Institute of Technology
11	02-12-24 to 07-12-24	Dr.R.Kavitha	ATAL FDP on High Performance Computing for Data Intensive and Complex AI Applications	Chaitanya Bharathi Institute of Technology
12	15-12-2024	Dr.R.Kavitha	“Smart Visuals for smart Academies”, Featuring hands-on experiments with Tableau.	KGISL - Offline - Million Genus Coders-Coimbatore
13	23-12-24 to 28-12-24	Dr.R.Kavitha	“Open Source Technologies Sharping the future of Software Development”	Sri Ram Engineering College, Chennai
14	15-12-2024	Dr.R.Kalaivani	“Smart Visuals for smart Academies”, Featuring hands-on experiments with Tableau.	KGISL - Offline - Million Genus Coders-Coimbatore
15	22.07.24 to 31.07.24	Dr. S. Omprakash	One week Internship Programme in Node.js Journey: From Beginner to Backend Developer	MSME - Marcello Tech, Trichy
16	29.07.2024 - 04.08.2024	Dr. S. Omprakash	One week Internship Programme in Deep Dive into Advance Machine Learning using Python:From Theory of Practice	MSME - Marcello Tech, Trichy

17	24/06.24 to 28/06/24	Dr.S.Omprakash	Intellectual Property Rights in the age of AI, ML, Cyber Security and Blockchain	Mangalmay Institute of Management & Technology (MIMT)
18	29.07.24 to 02.08.24	Dr.S.Omprakash	Exploring New Frontiers in Teaching Tools, AI and Data Analytics	MEASI Institute of Information Technology, Chennai
19	23.08.24 to 30.08.24	Dr.S.Omprakash	One week Internship Programme in Cloud Computing and Services	MSME - Marcello Tech, Trichy
20	02-12-24 to 07-12-24	Dr.S.Omprakash	ATAL FDP on High Performance Computing for Data Intensive and Complex AI Applications	Chaitanya Bharathi Institute of Technology
21	02-12-24 to 06-12-24	Dr.S.Omprakash	Future Prospects of Innovations in Artificial Intelligence	Kongunadu College of Arts and Science
22	18.6.2024 to 22.6.2024	Dr.S.Uma	One week FDP on Recent trends in Artificial Intelligence and Machine Learning (FDP)	Bonam venkata Venkata Chalamayya Engineering College, Odalarevu
23	19.06.2024 to 29.06.2024	Dr.S.Uma	Two weeks internship on AI-powered machine learning mastery: From fundamentals to advanced techniques	Inspire Softech Solutions, Chennai
24	22.7.2024	Dr.S.Uma	National Webinar on Mastering the art of hackathons for innovations	Hindusthan College of Science and Commerce
25	23-09-2024 to 27-09-2024	Dr.S.Uma	One week FDP on Evolving Landscape of Data Science - Current Trends & Patterns	Hindusthan College of Science and Commerce
26	20-09-2024 to 22-09-2024	Dr.S.Uma	International workshop on Research Proposal Writing for Funding Projects: Opportunities and Future Aspects	Inspire softech Solutions, Chennai
27	18.11.24 to 22.11.24	Dr.S.Uma	5 Days FDP on Enhancing Research Skills and Methodologies in Academia	Gobi Arts & Science College, Gobichettipalayam
28	20.12.2024	Dr.S.Uma	Training on Effortless Authorship with	Dr.N.G.P. Arts aand Science College

			EBSCOhost	
29	2.12.2024 to 07.12.2024	Dr.S.Uma	ATAL FDP on High Performance Computing for Data Intensive and Complex AI Applications	Chaitanya Bharathi Institute of Technology
30	28.2.2025	Dr.R.Kavitha	Recent Research Trends and Challenges in Computer Science	KG College of Arts and Science, Saravanampatti, Coimbatore.
31	02.12.2024 to 07.12.2024	Mrs. V. Revathi	Quantum Computing's impact on cryptography and cyber security in Defense	AICTE Training And Learning (ATAL) Academy at SASURIE COLLEGE OF ENGINEERING
32	11.11.2025 to 15.11.2025	Mrs. V. Revathi	5G Network Slicing an Applications	Presidency School of Information Science, Presidency University, Bengaluru.
33	02-12-24 to 07-12-24	Dr.K.R.Prabha	ATAL FDP on High Performance Computing for Data Intensive and Complex AI Applications	Chaitanya Bharathi Institute of Technology
34	7-10-24 to 9-10-24 & 14.10.24 to 18.10.24	Mrs.V.Bakyalakshmi	NEP 2020orientation of Sensitization Programme	Malaviya Mission Teacher Traninig Centre,Bharathiar University
35	17-02-25 to 22-02-25	Mrs.V.Bakyalakshmi	Advanced Excel with Tableau	E&ICTAcademy, IIT Kanpur
36	2-12-24 to 7-12-24	Mrs.V.Bakyalakshmi	Quantum Computing's Impact on Cryptography and Cyber Security in Defense	Sasurie College of Engineering
37	22-07-24 to 26-07-24	Mrs.V.Bakyalakshmi	Generative AI & the future of work	Reva University

38	1-7-24 to 7-7-24	Mrs.V.Bakyalakshmi	Front -End Fundamentals:A Comprehensive Guide to HTML,CSS,Java Script & React	Marcello Tech
39	3-9-24	Mrs.V.Bakyalakshmi	Intro.to Data Science	The Institution of Engineers(India),Tiruchirappalli
40	4-7-24 to 5-7-24	Mrs.V.Bakyalakshmi	Traditional Method of food Preservation	ICSSR Seminar,Dr.NGP Arts and Science College
41	4-7-24 to 5-7-24	Mrs.V.Bakyalakshmi	Chemistry of Indian Spices and their Benefits	ICSSR Seminar,Dr.NGP Arts and Science College
42	02-12-24 to 07-12-24	Dr.B.Sivaranjani	FDP-Quantum Computing's Impact on Cryptography and Cyber Security in Defense	Sasurie College of Engineering
43	18-06-24 to 22-06-24	Dr.B.Sivaranjani	FDP-Recent Trends in Artificial Intelligence and Machine Learning	Bonam Venkata Chalamayya Engineering College, Odalaveru
44	22-07-24 to 26-07-2024	Dr.B.Sivaranjani	FDP-Generative AI and the Future of Work	REVA University, Bengaluru
45	05-08-24 to 06 – 08-24	Dr.B.Sivaranjani	FDP-Critical & Creative Thinking Skills	Michael Memorial College of Education for Women,Coimbatore,
46	05-09-2024	Dr.B.Sivaranjani	IEEE Authorship and Open Access Symposium:Tips and Practices to Get Published from IEEE Editors	IEEE Advancing Technology for Humanity
47	12-09-2024	Dr.B.Sivaranjani	National Webinar -Artificial Intelligence-Powered Higher Education	MQI College of Management,Bangalore
48	22.06.2024	Dr.B.Sivaranjani	FDP - One Day Online Faculty Development Program On Ai Tools For Teaching	Star International Foundation for Research and Education
49	18.6.2024 - 22.6.2024	Dr Angeline Prasanna G	Recent trends in Artificial Intelligence and Machine Learning (FDP)	Bonam venkata Venkata Chalamayya Engineering College

50	1.7.2024 - 7.7.2024	Dr Angeline Prasanna G	Online FDP	Star International Foundation for Research and Education,Tiruchengode
51	22.7.2024- 26.7.2024	Dr Angeline Prasanna G	Online Webinar	Reva University,Bengaluru
52	Jan - March	Dr. S. Omprakash	FDP- Cloud Computing and Distributed Systems	NPTEL - IIT Madars

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	N.Kumar	Medical Dataset Classification Using Ensemble Feature Selection and Back Propagation Neural Network Algorithm	International Journal of INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	Vol : 22, Issue : 12 pp.1403-1420 July'2024		Scopus
2	Dr.S.Uma	Social Robot Face Emotion Recognition Using Wavelet Transformation	Educational Administration: Theory and Practice	SJR:0.19 Vol. 30, Issue 6, pp. 4189- 4193, 30-06-2024	Q4, SJR: 0.19	Scopus and SciMago
3	Dr.S.Uma	Prevention and Detection Methods of Black Hole Attacks – A Review	Educational Administration: Theory and Practice	SJR:0.19 "Vol. 30, Issue 6, pp. 4194–4198,2148 - 2403" 29-06-2024	Q4, SJR: 0.19	Scopus and SciMago
4.	Dr.R.Kavitha	Cybersecurity Challenges in Health Informatics: A Framework for Securing Patient Data	The Bio Scan	Vol.20.No. 1 (2025) :Volume 20 Issue 1	6.195	WoS(Multidisci plinary)

				IssN: 0973-7049 pp. 603-609 17-03-2025		
5	Dr. S. Omprakash	A Critical Evaluation of Data Mining Techniques for Healthcare Insights	IAPQR	Vol. 50, Issue 01, No. 01 : 2025, ISSN 0970-0102		UGC
6.	Dr. S. Omprakash	Coronary Artery Disease Prediction using Improved Recurrent Neural Network with Capsule Neural Network	Indian Journal of Natural Sciences	Vol.15 / Issue 88 / Feb / 2025, ISSN: 0976 – 0997	3.078	WoS
7	Dr. S. Omprakash	Computer Vision in Medical Imaging Detecting Tumors Using AI-Powered Image Processing	The Bioscan	Vol.20/Issue 1/pp- 651-655, ISSN :0973-7049	6.195	WoS
8	Dr.M.Sangeetha	View of Computer Vision in Medical Imaging Detecting Tumors Using AI-Powered Image Processing	The Bioscan	Vol.20/Issue 1/pp- 651-655, ISSN :0973-7049	6.195	WoS
9	Dr.M.Sangeetha	Agripay - Streamlined Salary Solutions for Farmers	<i>Journal of Neonatal Surgery</i>	vol. 14, no. 6S, Mar. 2025, pp. 715-22, ISSN: 2226-0439	4.035	Scopus
10	Dr.M.Sangeetha	Self - Adaptive Solar Pane	<i>Journal of Neonatal Surgery</i>	vol. 14, no. 7S, Mar. 2025, pp. 700-707, ISSN: 2226-0439	4.035	Scopus

11	Dr.K.R.Prabha	View of Computer Vision in Medical Imaging Detecting Tumors Using AI-Powered Image Processing	The Bioscan	Vol.20/Issue 1/pp-651-655, ISSN :0973-7049	6.195	WoS
12	Mrs. V. Revathi	Deep Learning Methods for Electronic Health Records-Based on Early Chronic Diseases Detection	International Journal of Life Sciences	Vol.20/Issue 1/pp-52-60, ISSN :0973-7049	6.195	WoS
13	Dr. S. Maheshwari	Deep Learning Methods for Electronic Health Records-Based on Early Chronic Diseases Detection	International Journal of Life Sciences	Vol.20/Issue 1/pp-52-60, ISSN :0973-7049	6.195	WoS
14	Dr. B. Sivaranjani	Deep Learning Methods for Electronic Health Records-Based on Early Chronic Diseases Detection	International Journal of Life Sciences	Vol.20/Issue 1/pp-52-60, ISSN :0973-7049	6.195	WoS
15	Ms. S. Priyadharshini	Deep Learning Methods for Electronic Health Records-Based on Early Chronic Diseases Detection	International Journal of Life Sciences	Vol.20/Issue 1/pp-52-60, ISSN :0973-7049	6.195	WoS
16	Mrs.V.Bakyalakshmi	A Multi-View Deep Learning Approach for Enhanced Student Academic Performance Prediction	Communications on Applied Nonlinear Analysis	Vol.31/Issue 6S/pp.293-304	0.18	Scopus
17	Mrs.V.Bakyalakshmi	Enhanced Student Performance Prediction Using Data Augmentation with Ensemble	International Journal of Science And	Vol.17/Issue 44/pp.4619-4632	9.88	WOS

		Generative Adversarial Network	Technology			
18	Mrs.V.Bakyalakshmi	AI for Predictive Health Monitoring:Applications in ICU Patient Outcome Prediction	International Quarterly Journal of Life Sciences	Vol.20/Issue 1/pp-593-597	6.856	WOS
19	Dr. B. Sivaranjani	Sustainable Waste Management using Blockchain Techniques for Smart Cities	International Journal for Science and Advance Research in Technology	Vol.11/Issue 3	7.883	Peer Reviewed
20	Dr. B. Sivaranjani	Video Streaming Web Application Integrated Customized AI	International Journal of Advanced Research in Computer and Communication Engineering	Vol.14/Issue 3	8.102	Peer Reviewed
21	Dr. B. Sivaranjani	Emergency Alert and Response System	International Journal of Innovative Research in Computer and Communication Engineering	Vol.13/Issue 3	8.771	Peer Reviewed
22	Dr Angeline Prasanna G	Cybersecurity Challenges in Health Informatics: A Framework for Securing Patient Data	Bioscan	Volume 20 Issue 1 pp. 603-609 17-03-2025	6.195	WoS

23	Dr.S.Uma	AI-Powered Behavioral Analytics in Mental Health Developing Predictive Models for Therapy Outcomes	The Bioscan	0973-7049 31-03-25 Vol 20, issue 1,pp.745-751	6.856	Web of Science
24	Dr.S.Uma	Cyber-Physical Systems for Industrial Automation: A Multidisciplinary Approach to Optimization	The Bioscan	0973-7049 31-03-25 Vol 20, issue 1,pp.779-784	6.856	Web of Science
25	Dr.S.Uma	Quantum Cryptography: An Introduction	International Journal of Multidisciplinary Research in Science, Engineering and Technology	2582-7219 31/3/2025 Volume 8, Issue 3	8.206	Peer Reviewed
26	Dr.S.Uma	Automated Classification of Health Records for Disease Prediction Using NLP and Machine Learning	The BioScan	0973-7049 April 2025 Vol 20(2), pp 177-183	6.856	WoS

27	Dr.S.Uma	Blockchain for Data Integrity and Provenance	Journal of Hacking Techniques, Digital Crime Prevention and Computer Virology	(e)ISSN: 3048-9156 May 2025 Volume 2, Issue 1	1.7	Peer Reviewed
28	Dr.S.Uma	Cybersecurity through the Ages: A Journey of Evolution	Journal of Security in Computer Networks and Distributed Systems	(e)ISSN: 3048-9148 May 2025 Volume 2, Issue 1	1	Peer Reviewed

Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1	16-12-2024	Mrishank M	NGP Fest	Dr.NGP Arts and Science College	3rd Prize
2	16-12-2024	Mrishank M	NGP Fest	Dr.NGP Arts and Science College	3rd Prize
3	16-12-2024	Mrishank M	NGP Fest	Dr.NGP Arts and Science College	3rd Prize
4	16-12-2024	Kaif Shahkhan N	NGP Fest	Dr.NGP Arts and Science College	2nd Prize
5	22-02-2025	Shreenithi S	Intesa'25	Sri Ramakrishna College of Arts and Science	2nd Prize
6	22-02-2025	Santhosh Kumar P	Intesa'25	Sri Ramakrishna College of Arts and Science	2nd Prize
7	15-03-2025	Marivel H	Yukta'25	PSG ITech	2nd Prize
8	15-03-2025	Saravanan T	Yukta'25	PSG ITech	2nd Prize
9	20-09-2024	Mathan Aryah S	Cyber Expo-2024	Vellalar College for Women	1st Prize

10	20-09-2024	Aruna Devi V	Cyber Expo-2024	Vellalar College for Women	1st Prize
11	01-08-2024	Hema N	World Wide Web Day	Dr.NGP Arts and Science College	1st Prize
12	01-08-2024	Abisha Gunaseeli J	World Wide Web Day	Dr.NGP Arts and Science College	3rd Prize
13	20-09-2024	Justin Sam Ebinezar B	Software Contest	Vellalar College for Women	1st Prize
14	07-07-2024	Sasisharan S	Power Lifting	RVS Arts and Science College	2nd Prize

Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	04.07.2024 & 05.07.2024	Dr.M.Sangeetha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Traditional Methods of Food Preservation	Dr. N.G.P Arts and Science College
2	04.07.2024 & 05.07.2024	Dr.M.Sangeetha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	Regional Costumes and Identity	Dr. N.G.P Arts and Science College
3	04.07.2024 & 05.07.2024	Dr.M.Sangeetha	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education: NEP Perspective	An Exploration of Traditional Food Preservation Methods & Modern Relevance	Dr. N.G.P Arts and Science College
4	13-09-2024	Dr.R.Kavitha	3rd International Conference Enhanced Techniques in Real-Time Application (ICETRA'24)	Neural Network in Pattern Recognition	United College of Arts and Science, Coimbatore
5	06.09.24	Dr.S.Omprakash	International Conference on Recent Advances in Cloud Computing and	Cloud Cryptography to	Noorul Islam College of

			Communication Technology (ICRACCCT' 24)	Ensure Security and Privacy in a Cloud	Arts & Science
6	13-09-2024	Dr.S.Omprakash	International Conference Enhanced Techniques in Real-Time Application (ICETRA'24)	Reconfigurable Intelligent Surfaces for Smart Cities: Research Challenges and Opportunities	United College of Arts and Science, Coimbatore
7	26.09.24 & 27.09.24	Dr.S.Omprakash	International Conference on Advanced Computing	Artificial Intelligence Integration In Healthcare : Exploring Opportunities And Assets	Bharathiar University
8	03.01.25	Dr.S.Omprakash	International Conference - ICCICT- 2K25	Predicting Heart Disease Using Advanced Data Mining Techniques	Dr. N.G.P. Arts and Science College
9	04.07.2024 and 05.07.2024	Dr.S.Uma	Integrating Indian Knowledge System in Computer Disciplines: A Novel Approach to Holistic Computing	Exploring the Scientific Basis of Ayurveda and Yoga in Enhancing Overall Well-Being: A Comprehensive Review	IQAC, Dr.N.G.P. Arts and Science College
10	03-01-2025	Dr.S.Uma	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	A Review of Malicious Intrusions and Attack Detection Methods in Campus Networks	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
11	03-01-2025	Dr.S.Uma	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Enhancing Learning Diversity: The Role of AR, VR and MR in Inclusive Education	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
12	03-01-2025	Dr.S.Uma	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Fault-Tolerance-Based Ad- Hoc On Demand Distance Vector Routing Protocol for Black Hole Attack	Faculty of Computer Science, Dr.N.G.P. Arts and Science College

				Detection on WSN	
13	03-01-2025	Dr.S.Uma	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Evaluating Image Preprocessing Techniques for Improved Skin Cancer Classification	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
14	03-01-2025	Dr.B.Sivaranjani	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Edge-Based Segmentation and Classification in Medical Imaging	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
15	03-01-2025	Dr.M.Sangeetha	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Cloud ff Line Distribution (Cold) Based Handwriting Analysis for Nationality Identification	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
16	03-01-2025	Dr.M.Sangeetha	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Ensuring security and privacy in Cloud Cryptography	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
17	03-01-2025	Dr.S.Maheshwari	International Conference on Computational Intelligence and Communication Technologies (ICCICT - 2K25)	Edge-Based Segmentation and Classification in Medical Imaging	Faculty of Computer Science, Dr.N.G.P. Arts and Science College
18	17/02/2025	Dr.S.Maheshwari	National Conference National Conference on Emerging Trends in Integrated Intelligence and Technologies (NCETIIT- 2025)	Smart Container Monitoring System using IoT	PG & Research Department of Computer Science, Chikkanna Government Arts College, Tiruppur
19	07-03-2025	Dr.S.Uma	Second International Conference on "Sustainable Computing Trends"	Comparative Analysis of Consumer Buying Patterns	Hindusthan College of Arts & Science, Coimbatore

			ICSCT 2025	Using Knowledge Discovery In Data (KDD)	
20	07-03-2025	Dr.S.Uma	Second International Conference on "Sustainable Computing Trends" ICSCT 2025	Classification and Identification of differential Gene Expression for Microarray Data	Hindusthan College of Arts & Science, Coimbatore
21	07-03-2025	Dr.S.Uma	Second International Conference on "Sustainable Computing Trends" ICSCT 2025	Enhancing Customer Engagement with Brand through Predictive Analysis	Hindusthan College of Arts & Science, Coimbatore
22	07-03-2025	Dr.S.Uma	Second International Conference on "Sustainable Computing Trends" ICSCT 2025	A Technique for Detecting Fraud and Intrusions in Mobile E-Commerce Payment Systems	Hindusthan College of Arts & Science, Coimbatore
23	07-03-2025	Dr.S.Uma	Second International Conference on "Sustainable Computing Trends" ICSCT 2025	Evolutionaty Optimization for Emotion Recognition: A Cuckoo Search Approach	Hindusthan College of Arts & Science, Coimbatore
24	10-03-2025 to 12-03-2025	Dr.S.Maheshwari	Second International Conference on Machine Learning and Autonomous Systems (ICMLAS-2025)	Integrating Explainable Machine Learning (XAI) in Stroke Medicine: Opportunities and Challenges for Early Diagnosis and Prevention	Stamford International University Bangkok, Thailand
25	25 and 26 March 2025	Dr.S.Uma	ICSSR – Sponsored National Seminar on Mathematical Visions of Indian Knowledge System for Social Awareness	Timeless Geometry of Ancient India: Mathematical Marvels and Lasting Legacy	Department of Mathematics, Dr.N.G.P. Arts and Science College

26	25 and 26 March 2025	Dr.S.Uma	ICSSR – Sponsored National Seminar on Mathematical Visions of Indian Knowledge System for Social Awareness	The Power of Women Mathematicians in Community Development	Department of Mathematics, Dr.N.G.P. Arts and Science College
27	25 and 26 March 2025	Dr.S.Uma	ICSSR – Sponsored National Seminar on Mathematical Visions of Indian Knowledge System for Social Awareness	Educational Strategies Based on the Indian Knowledge System to Foster Social Awareness and Inclusion	Department of Mathematics, Dr.N.G.P. Arts and Science College
28		Dr.M.Sangeetha	International Conference	5G-Enabled Smart Cities: Transforming Urban Living with IoT	Sri Ramakrishna Arts and Science College
29	26 & 27 September 2024	Mrs.V.Bakyalakshmi	International Conference on Advanced Computing(ICAC-2024)	A SYSTEMATIC EXAMINATION OF BIG DATA ANALYTICS IN SOCIAL MEDIA	Bharathiar University
30	3rd Jan 2025	Mrs.V.Bakyalakshmi	International Conference on Computational Intelligence and Communication Technologies on Jan 2025	The Future of Intelligent Systems: Integrating AI, ML and Cloud Computing	Faculty of CS, Dr.N.G.P. Arts and Science College
31	04.07.24	Dr.B.Sivaranjani	National Seminar on Integration of Traditional Indian Knowledge System into Modern Higher Education : NEP Perspective	Chemistry of Indian Spices and Their Health Benefits	IQAc, Dr.N.G.P. Arts and Science College
32	03.01.2025	Dr.B.Sivaranjani	International Conference on Computational Intelligence and Communication Technologies	A Comparative Study on Time- Efficient Clustering Modified K Means and K Medoids	Faculty of CS, Dr.N.G.P. Arts and Science College
33	03.01.2025	Dr.B.Sivaranjani	International Conference on	Fortifying Cyber	Faculty of CS,

			Computational Intelligence and Communication Technologies	Security : A Performance Focused Machine Learning Approach	Dr.N.G.P. Arts and Science College
34	25.03.2025	Dr.B.Sivaranjani	Recent Trends in Computational Technologies and Sustainable Development Goals	Artificial Intelligence in Healthcare :Bridging Opportunities and Resource	Department of Computer Science(SF), PSG College of Arts and Science
35	25.03.2024 & 26.03.2025	Dr.B.Sivaranjani	National Seminar on Mathematical Visions of Indian Knowledge System for Social Awareness	Geometry in Ancient Indian Culture	Department of Mathematics, Dr.N.G.P. Arts and Science College

Students Presentation

S.No	Date	Name of the Student	Name of the event	Title of Presentation	Organization / Institution
1	20-12-2024	Devadharshini J	Paper Presentation	The role of digital transformation in modern management	Jamal Institute of management
2	20-12-2024	Aarthik Bala A.P	Paper Presentation	The role of digital transformation in modern management	Jamal Institute of management
3	03-01-2025	Vasanth S.B	ICCICT-2025	Exploring the impact of Augmented Reality (AR) and Virtual Reality on education:Transforming learning environments	Dr. NGP Arts and Science College on 03-01-2025
4	03-01-2025	Logithiya S	ICCICT-2025	Exploring the impact of Augmented Reality (AR) and Virtual Reality on	Dr. NGP Arts and Science College on 03-01-2025

				education:Transforming learning environments	
5	03-01-2025	Sangeerth P	ICCICT-2025	Unlocking the power of Block Chain:Transforming your Supply Chain Transaction	Dr. NGP Arts and Science College on 03-01-2025
6	03-01-2025	Sandhiya Meenachi M	ICCICT-2025	Unlocking the power of Block Chain:Transforming your Supply Chain Transaction	Dr. NGP Arts and Science College on 03-01-2025
7	03-01-2025	Texty Moon S.M	ICCICT-2025	Optimizing energy - Efficient gaits in snake -like modular robots:A multiobjective reinforcement learning and fuzzy logic approach	Dr. NGP Arts and Science College on 03-01-2025
8	03-01-2025	Santhosh Kumar P	ICCICT-2025	Optimizing energy - Efficient gaits in snake -like modular robots:A multiobjective reinforcement learning and fuzzy logic approach	Dr. NGP Arts and Science College on 03-01-2025
9	03-01-2025	Dharshanadevi R	ICCICT-2025	The future of cloud security:Tackling privacy issues and vulnerabilities	Dr. NGP Arts and Science College on 03-01-2025
10	03-01-2025	Priyadharshini D	ICCICT-2025	The future of cloud security:Tackling privacy issues and vulnerabilities	Dr. NGP Arts and Science College on 03-01-2025
11	03-01-2025	Priyadharshini D	ICCICT-2025	Privacy in the cloud:Navigating the challenges of a connected world	Dr. NGP Arts and Science College on 03-01-2025
12	03-01-2025	Dharshanadevi R	ICCICT-2025	Privacy in the cloud:Navigating	Dr. NGP Arts and Science

				the challenges of a connected world	College on 03-01-2025
13	03-01-2025	Suthiyasri D	ICCICT-2025	E-Voting based on blockchain technology	Dr. NGP Arts and Science College on 03-01-2025
14	03-01-2025	Kaviyasri P	ICCICT-2025	"Ensuring security and privacy in cloud cryptography	Dr. NGP Arts and Science College on 03-01-2025
15	03-01-2025	Kiruthika M	ICCICT-2025	"Ensuring security and privacy in cloud cryptography	Dr. NGP Arts and Science College on 03-01-2025
16	03-01-2025	Sandhiya S	ICCICT-2025	Digital sector safeguards :A focus on cyber security	Dr. NGP Arts and Science College on 03-01-2025
17	03-01-2025	Akshayaa Shree M	ICCICT-2025	Digital sector safeguards :A focus on cyber security	Dr. NGP Arts and Science College on 03-01-2025
18	03-01-2025	Mathan Aryha S	ICCICT-2025	Fortifying cyber security :A performance-focused machine learning approach	Dr. NGP Arts and Science College on 03-01-2025
19	03-01-2025	Shachitha R.R	ICCICT-2025	Fortifying cyber security :A performance-focused machine learning approach	Dr. NGP Arts and Science College on 03-01-2025
20	03-01-2025	Ramya P	ICCICT-2025	Detecting fake news using machine learning	Dr. NGP Arts and Science College on 03-01-2025
21	03-01-2025	Aruna Devi V	ICCICT-2025	Detecting fake news using machine learning	Dr. NGP Arts and Science College on 03-01-2025
22	03-01-2025	Janani Shree K.K	ICCICT-2025	Cloud of line distribution (cold) based handwriting analysis for nationality identification	Dr. NGP Arts and Science College on 03-01-2025
23	03-01-2025	Jayalakshmi C	ICCICT-2025	Cloud of line distribution (cold) based handwriting analysis for	Dr. NGP Arts and Science College on 03-01-2025

				nationality identification	
24	03-01-2025	Sakthi Priyanga R	ICCICT-2025	A hybrid approach for fake review classification in food e-commerce using GAN-LSM and traditional machine learning algorithms	Dr. NGP Arts and Science College on 03-01-2025
25	03-01-2025	Sanjay R	ICCICT-2025	A hybrid approach for fake review classification in food e-commerce using GAN-LSM and traditional machine learning algorithms	Dr. NGP Arts and Science College on 03-01-2025
26	03-01-2025	Tarun B	ICCICT-2025	Predicting heart disease using advanced data mining techniques	Dr. NGP Arts and Science College on 03-01-2025
27	03-01-2025	Shreenithi S	ICCICT-2025	Predicting heart disease using advanced data mining techniques	Dr. NGP Arts and Science College on 03-01-2025
28	03-01-2025	Pouthira C	ICCICT-2025	A comparative study on time-efficient clustering modified,K-means,K-means and K-medoids	Dr. NGP Arts and Science College on 03-01-2025
29	03-01-2025	Swetha S	ICCICT-2025	A comparative study on time-efficient clustering modified,K-means,K-means and K-medoids	Dr. NGP Arts and Science College on 03-01-2025
30	03-01-2025	Ramya M	ICCICT-2025	Phishers in the social sphere:A comprehensive analysis of social media phishing attacks	Dr. NGP Arts and Science College on 03-01-2025
31	05-07-2024	Vasishta C.V	National seminar on integration of traditional Indian	An exploration of traditional food preservation methods & modern relevance	Dr.NGP Arts and Science college

			knowledge system		
32	05-07-2024	Kamalika G	National seminar on integration of traditional Indian knowledge system	An exploration of traditional food preservation methods & modern relevance	Dr.NGP Arts and Science college
33	05-07-2024	Rupasri B	National seminar on integration of traditional Indian knowledge system	Indian textiles and traditional garments	Dr.NGP Arts and Science college
34	05-07-2024	Amrutha M	National seminar on integration of traditional Indian knowledge system	Indian textiles and traditional garments	Dr.NGP Arts and Science college
35	05-07-2024	Acshaya D	National seminar on integration of traditional Indian knowledge system	Chemistry of Indian Spices and their health benefits	Dr.NGP Arts and Science college
36	05-07-2024	Janaranjini D	National seminar on integration of traditional Indian knowledge system	Chemistry of Indian Spices and their health benefits	Dr.NGP Arts and Science college
37	05-07-2024	Preethika K	National seminar on integration of traditional Indian	Traditional Method of Food Preservation	Dr.NGP Arts and Science college

			knowledge system		
38	05-07-2024	Priyadharshini.S	National seminar on integration of tradional Indian knowledge system	Traditional Method of Food Preservation	Dr.NGP Arts and Science college
39	05-07-2024	Justin Sam Ebinezar B	National seminar on integration of tradional Indian knowledge system	Chemistry of Indian Spices and their health benefits	Dr.NGP Arts and Science college
40	05-07-2024	Elakkiya S	National seminar on integration of tradional Indian knowledge system	Block Chain for supply chain management(SURVEY)	Dr.NGP Arts and Science college
41	05-07-2024	Ramya M	National seminar on integration of tradional Indian knowledge system	Block Chain for supply chain management(SURVEY)	Dr.NGP Arts and Science college
42	05-07-2024	Prahaladan S.G	National seminar on integration of tradional Indian knowledge system	Study of Integrated Sustainability : Embracing Indian Traditional Practices	Dr.NGP Arts and Science college
43	05-07-2024	Harshini S.R	National seminar on integration of tradional Indian	Study of Integrated Sustainability : Embracing Indian Traditional Practices	Dr.NGP Arts and Science college

			knowledge system		
44	05-07-2024	Kavya C	National seminar on integration of tradional Indian knowledge system	Exploring the strong matches of modern technology and Vedic Science	Dr.NGP Arts and Science college
45	05-07-2024	Abinaya K	National seminar on integration of tradional Indian knowledge system	Regional costumes and identity	Dr.NGP Arts and Science college
46	05-07-2024	Harshini.R.K	National seminar on integration of tradional Indian knowledge system	Regional costumes and identity	Dr.NGP Arts and Science college

Bok / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
1		Mrs.V.Bakyalakshmi	Fundamentals of Cloud Computing and It's Applications	PRIYAM PUBLICATIONS,COIMBATORE	2024	978-81-973498-1-2
2	Sep-24	Mr.N.Kumar	Introduction to Data Science	CIIT Publications	Sep-24	978-93-6126-095-7
3	11-02-2024	Dr.R.Kavitha	IOT Playbook: Strategies for success	Intellectual Property India (Copyrights)	11-02-2024	Registration No: L-153499/2024

						Diary No:15267/2024- CO/L
4	August 2024	Dr.S.Uma	Editor of Book "Applied Artificial Intelligence"	Innovation Online Trading Academy	2024	978-93-9362-271-6
5	Jan 2025	Dr.S.Uma	Editor of Proceedings of "International Conference on Computational Intelligence and Communication Technologies" - (ICCICT - 2K25)	Thannambikai Publications, Coimbatore	2025	978-81-981953-6-4
6	Sep-24	Dr. S. Omprakash	CLOUD CRYPTOGRAPHY TO ENSURE SECURITY AND PRIVACY IN CLOUD	NOORUL ISLAM COLLEGE OF ARTS & SCIENCE	2024	978-81-972950-1-0
7	Sep-24	Dr. S. Omprakash	RECONFIGURABLE INTELLIGENT SURFACES FOR SMART CITIES: RESEARCH CHALLENGES AND OPPORTUNITIES.	UIT College of Arts and Science	2024	978-93-61260-41-4
8	Sep-24	Dr. S. Omprakash	ARTIFICIAL INTELLIGENCE	Bharathiar University	2024	978-93-6126-040-7

			INTEGRATION IN HEALTHCARE : EXPLORING OPPORTUNITIES AND ASSETS			
9		Dr. S. Omprakash	PREDICTING HEART DISEASE USING ADVANCED DATA MINING TECHNIQUES	Dr. N.G.P Arts and Science College	2025	978-81-981953-6-4
10	Dec 2024	Dr. S. Omprakash	PRINCIPLES OF CYBER SECURITY TOOLS AND TECHNIQUES	Surya Publications	2024	ISBN: 978-81- 982612-7-4
11	June 2024	Dr.B.SIvaranjani	Advanced Trends in Multidisciplinary Research and Innovation	Priyam Publications	2024	ISBN 978–81- 973498-8-1,June 2024.
12	Mar/25	Dr.S.Uma	Comparative Analysis of Consumer Buying Patterns Using Knowledge Discovery In Data (KDD)	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
13	Mar/25	Dr.S.Uma	Classification and Identification of differential Gene Expression for	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8

			Microarray Data			
14	Mar/25	Dr.S.Uma	Enhancing Customer Engagement with Brand through Predictive Analysis	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
15	Mar/25	Dr.S.Uma	A Technique for Detecting Fraud and Intrusions in Mobile E-Commerce Payment Systems	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
16	Mar/25	Dr.S.Uma	Evolutionary Optimization for Emotion Recognition: A Cuckoo Search Approach	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
17	Jan/25	Dr.S.Uma	A Review of Malicious Intrusions and Attack Detection Methods in Campus Networks	Thannambikai Publications, Coimbatore	2025	978-81-981953-6-4
18	Jan/25	Dr.S.Uma	Enhancing Learning Diversity: The Role of	Thannambikai Publications,	2025	978-81-981953-6-5

			AR, VR and MR in Inclusive Education	Coimbatore		
19	Jan/25	Dr.S.Uma	Fault-Tolerance-Based Ad-Hoc On Demand Distance Vector Routing Protocol for Black Hole Attack Detection on WSN	Thannambikai Publications, Coimbatore	2025	978-81-981953-6-6
20	Jan/25	Dr.S.Uma	Evaluating Image Preprocessing Techniques for Improved Skin Cancer Classification	Thannambikai Publications, Coimbatore	2025	978-81-981953-6-7
21	Mar/25	Dr.S.Uma	Exploring the Scientific Basis of Ayurveda and Yoga in Enhancing Overall Well-Being: A Comprehensive Review	Dr.N.G.P. Arts and Science College	2025	978-81-971000-5-5
22	Mar/25	Dr.S.Uma	Comparative Analysis of Consumer Buying Patterns Using Knowledge Discovery	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8

			In Data (KDD)			
23	Mar/25	Dr.S.Uma	Classification and Identification of differential Gene Expression for Microarray Data	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
24	Mar/25	Dr.S.Uma	Enhancing Customer Engagement with Brand through Predictive Analysis	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8
25	Mar/25	Dr.S.Uma	A Technique for Detecting Fraud and Intrusions in Mobile E-Commerce Payment Systems	Hindusthan College of Arts & Science, Coimbatore	2025	978-81-985207-0-8