

## Department of Computer Applications– AY 2025-26 (Odd & Even Semester)

### Department Activities

#### Guest Lecture / Invited Lecture

S. No.	Date	Name and Designation of the Resource Person	Topic
1	03-JAN-26	Mr. Ragavendran Chandrasekaran, Technical Support, Zequin Technology, Coimbatore	AI Engineering Best Practices
2	23-AUG-25	Ms. Gayathri Jayakumar, Java Developer, Infosys, Coimbatore	Career Opportunities for Full Stack Developers

#### Seminar / Workshop / Conferences organized

S. No.	Date	Nature of the Event (Conference/ Seminar/ Workshop)	Title of the Event	Resource Person
1	13-DEC-25	Workshop	Prompt Engineering	Mr.T.Vigneshwaran, Founder, Nandha Infotech, Coimbatore
2	23-AUG-25	Workshop	Mastering in AWS Cloud Services	Mr.Mohamed Salman Faris, Developer, Amypo Technologies, Coimbatore

#### Alumni Interaction

S. No.	Date	Title	Alumni
1	28-FEB-26	Introduction to Microsoft Power BI	Mr. E. Charankumar, Data Analyst, Mahathi Infotech Pvt. Ltd, Coimbatore

2	13-DEC-25	Design Thinking Tools for Entrepreneur	Mr. P. Navaneetha Krishnan, Regional Business Head, Collegesera, Coimbatore
3	13-SEP-25	Impact of AI in Networking	Mr.Gokulan, Network Engineer, Orion Innovation, Coimbatore
4	30-AUG-25	DevOps-Industry Trends and Practices	Mr.Arunkumar, System Engineer, ATMECS, Hyderabad

### Extension Activities

S. No.	Date	Nature of the extension	Place	Students involved
1	13-Feb-26	Awareness On Digital Literacy	Thippanur village ,Pannimadai	20 students of I-BCA-A & B

### Student Development Programme

S. No.	Date	Title	Resource Person
1	28-FEB-26	Building a Powerful LinkedIn Profile and Placement Readiness	Mr. G Baskar, III BCA B

### Staff Recognitions

S. No.	Date	Name of the Staff	Nature of Recognition	Organization / Institution
1	23-FEB-26	Dr.K.Kavitha	Reviewer	Journal of Big Data Technology and Business Analytics
2	17-FEB-26	Dr. C.Kumuthini	Reviewer	IGI Global Scientific Publishing Book Submission System

3	04-FEB-26	Dr.V.Yuvaraj	Organising Committee Member	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)
4	04-FEB-26	Dr C.Kumuthini	Organising Committee Member	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)
5	23-JAN-26	Dr.V.Yuvaraj	Organising Committee Member	Two-Day International Research Conference (NGPVSIT2026)
6	19-JAN-26	Dr.K.Kavitha	Reviewer	Journal of Cyber Security in Computer System
7	06-DEC-25	Dr.K.Kavitha	Reviewer	Journal of Cryptography and Network Security, Design and Codes
8	05-DEC-25	Dr.C.Kumuthini	Reviewer	Journal of Intelligent Data Analysis and Computational Statistics
9	02-DEC-25	Dr.V.Yuvaraj	Editorial Board Member	Journal of Advanced Technology and Innovative Research
10	14-NOV-25	Dr.K.Kavitha	Technical Reviewer	2025 Second IEEE International Conference for WOMEN IN COMPUTING (INCOWOCO 2025)
11	05-NOV-25	Dr.C.Kumuthini	Reviewer	Journal of Intelligent Data Analysis and Computational Statistics
12	30-SEP-25	Dr.K.Kavitha	Reviewer	Journal of Cryptography and Network Security, Design and Codes
13	25-SEP-25	Dr.K.Kavitha	TN-SET	TN-SET

14	11-SEP-25	Dr.P.S.Vijayalakshmi	Reviewer	Advancement in Smart Computing & Information Security (ASCIS 2025)
15	11-SEP-25	Dr.C.Kumuthini	Reviewer	Advancement in Smart Computing & Information Security (ASCIS 2025)
16	03-JUL-25	Dr.C.Kumuthini	Reviewer	Journal of Applied Research on Industrial Engineering
17	16-JUN-25	Dr.S. Poorana Senthilkumar	Reviewer	Journal of Big Data Technology and Business Analytics
18	JUN-DEC 2025	Dr.C.Kumuthini	Top Performing Mentor	NPTEL
19	JUN-DEC 2025	Mr.P.Dineshkumar	Top Performing Mentor	NPTEL
20	JUN-DEC 2025	Ms.K.Gomathy	Mentor	NPTEL

### Staff Participation

S. No.	S.Date	E.Date	Name of the Staff	Event	Organization / Institution
1	24-JAN-26	19-JAN-26	Dr.C.Kumuthini	ATAL - FDP – Role of AI in Next Generation Applications	Sharadchandra Pawar Institute of Technology
2	24-JAN-26	19-JAN-26	K.GOMATHY	ATAL - FDP – Role of AI in Next Generation Applications	Sharadchandra Pawar Institute of Technology
3	09-JAN-26	03-JAN-26	Dr.K.Kavitha	UGC Course – Research Methodology and Data Analysis	UGC-MMTTC, Gorakhpur University
4	09-JAN-26	03-JAN-26	Dr.P.S.Vijayalakshmi	UGC Course – Research Methodology and Data Analysis	UGC-MMTTC, Gorakhpur University
5	02-JAN-26	02-JAN-26	Dr.S.Poorana Senthilkumar	FDP – AI Tools for Class Management	Sanketika Vidya Parishad Engineering College
6	31-DEC-25	29-DEC-25	Dr.S.Poorana Senthilkumar	FDP – Social Network Analysis	Department of Cyber Security

7	31-DEC-25	20-DEC-25	Dr.V.Yuvaraj	UGC Course – MOOCs & e-Content Development	JNTU Hyderabad (UGC-MMTTC)
8	20-DEC-25	15-DEC-25	Mr.P.Dineshkumar	ATAL FDP – Next-Gen AI for Fog & Edge Computing	Kongu Engineering College
9	20-DEC-25	15-DEC-25	Mr.C.Ramachandran	ATAL FDP – Next-Gen AI for Fog & Edge Computing	Kongu Engineering College
10	18-DEC-25	17-DEC-25	Dr.K.Kavitha	Seminar – Quantum Machine Learning (QML)	Dr.N.G.P Arts and Science College
11	18-DEC-25	17-DEC-25	Dr.P.S.Vijayalakshmi	Seminar – Quantum Machine Learning (QML)	Dr.N.G.P Arts and Science College
12	18-DEC-25	17-DEC-25	Mr.P.Dineshkumar	Seminar – Quantum Machine Learning (QML)	Dr.N.G.P Arts and Science College
13	26-NOV-25	19-NOV-25	Dr.V.Yuvaraj	FDP – Outcome Based Education & Generative AI	St. John Technical Campus
14	22-NOV-25	17-NOV-25	Dr.B.Ramya	ATAL FDP – Next-Gen Cybersecurity	RV Institute of Technology
15	28-NOV-25	24-NOV-25	Mr.C.Ramachandran	FDP – Generative AI & Deep Learning	MEASI Institute of Information Technology Chennai- 600 014
16	18-OCT-25	13-OCT-25	Dr.K.Kavitha	ATAL FDP – Smart System Development	AICTE ATAL Academy
17	18-OCT-25	13-OCT-25	Dr.P.S.Vijayalakshmi	ATAL FDP – Smart System Development	AICTE ATAL Academy
18	07-OCT-25	07-OCT-25	Mrs.K.Gomathy	Training – POSH Awareness	Bharathiar University
19	24-SEP-25	24-SEP-25	Dr.P.S.Vijayalakshmi	Webinar – Google Gemini Academy	Google
20	22-SEP-25	15-SEP-25	Dr.V.Yuvaraj	FDP – Recent Trends on NextGen AI	Haldia Institute of Technology
21	19-SEP-25	15-SEP-25	Dr.V.Yuvaraj	FDP – Artificial Intelligence & Machine Learning	Pantech
22	19-SEP-25	15-SEP-25	Mr.P.Dineshkumar	FDP – Artificial Intelligence & Machine Learning	Pantech
23	16-SEP-25	16-SEP-25	Dr.P.S.Vijayalakshmi	FDP – Cloud Computing & Security	MEASI Institute
24	15-SEP-25	15-SEP-25	Dr.P.S.Vijayalakshmi	Webinar – Academic Research Tools	Poornima University

25	13-SEP-25	08-SEP-25	Dr.S.Poorana Senthilkumar	ATAL FDP – Cybersecurity in Industry 4.0	AICTE ATAL Academy
26	06-SEP-25	01-SEP-25	Dr.B.Ramya	FDP – Smart Healthcare with AI & IoT	Dept. of MCA
27	29-AUG-25	29-AUG-25	Dr.S.Poorana Senthilkumar	FDP – Faculty Enrichment Program	LTIMindtree
28	23-AUG-25	18-AUG-25	Dr.V.Yuvaraj	ATAL FDP – Quantum Computing & Generative AI	AICTE ATAL Academy, M S Ramaiah University of Applied Sciences, Bengaluru
29	22-AUG-25	22-AUG-25	Dr.K.Kavitha	Training – EBSCOhost	EBSCO
30	21-AUG-25	21-AUG-25	Dr.S.Poorana Senthilkumar	ICT – Bridge Program	ICT Academy
31	07-AUG-25	06-AUG-25	Dr.P.S.Vijayalakshmi	Conference – VAANI Smart Urban Development	AICTE, Rathinam College of Arts and Science
32	26-JUL-25	21-JUL-25	Mr.C.Ramachandran	FDP – AI Impact on Engineering Fields	Dhaanish Ahmed College
33	26-JUL-25	22-JUL-25	Dr.C.Kumuthini	FDP – Research Skills & AI Tools	SRM Institute
34	18-JUL-25	14-JUL-25	Dr.V.Yuvaraj	FDP – AI Driven Transformation	JSPM College
35	08-JUL-25	02-JUL-25	Dr.V.Yuvaraj	FDP – Data Analysis using SmartPLS	MAIMS Delhi
36	28-JUN-25	23-JUN-25	Dr.C.Kumuthini	FDP – Research Methodology & AI Integration	Poornima University
37	28-JUN-25	23-JUN-25	Dr.P.S.Vijayalakshmi	FDP – Research Methodology & AI Integration	Poornima University
38	28-JUN-25	23-JUN-25	Mrs.K.Gomathy	FDP – Research Methodology & AI Integration	Poornima University
39	24-JUN-25	24-JUN-25	Dr.V.Yuvaraj	Workshop – Virtual Lab	Dr.N.G.P Arts and Science College
40	24-JUN-25	24-JUN-25	Mr.C.Ramachandran	Workshop – Virtual Lab	Dr.N.G.P Arts and Science College
41	24-JUN-25	24-JUN-25	Mrs.K.Gomathy	Workshop – Virtual Lab	Dr.N.G.P Arts and Science College

## 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	Dr.C.Kumuthini, Dr.B.Ramya, Mr.P.Dineshkumar	Recognition of Human Emotions Using Advanced Deep Neural Networks	Journal of Neonatal Surgery	ISSN: 2226-0439 / Jul-2025 / Vol.14 Issue 32s pp.6181-6186	-	Scopus
2	Dr.V.Yuvaraj	A Hybrid Fuzzy MCDM Approach for Security Analysis and Portfolio Optimization	International Journal of Environmental Sciences	ISSN: 2229-7359 / Sep-2025 / Vol.11 Issue 23	1.71	Scopus
3	Mr.Dharani.V	Heart Disease Prediction Using Logistic Regression	International Journal of Advanced Research in Computer and Communication Engineering	ISSN: 2278-1021 / Sep-2025 / Vol.14 Issue 9	8.471	Peer Reviewed
4	Dr.V.Yuvaraj	Impact of Hyperparameter Tuning on Model Performance	IJRASET	ISSN: 2321-9653 / Oct-2025 / Vol.13 Issue X pp.1084-1089	3	Peer Reviewed
5	Dr.B.Ramya	Predictive Maintenance Using Robotic Monitoring	TIJER	ISSN: 2349-9249 / Nov-2025 / Vol.12 Issue 11	8.57	Peer Reviewed
6	Dr.B.Ramya	AI in Inclusive Learning Environments	ISJEM	ISSN: 2583-6129 / Nov-2025 / Vol.04 Issue 11	7.839	Peer Reviewed
7	Dr.C.Kumuthini	Kidney Cancer Diagnosis using AI	JCT College, Coimbatore	- / Oct-2025 / -	Paper Need	IEEE (Scopus Indexed)

8	Mr.C.Ramachandran	AgriML-Insight System	Journal of Applied Bioanalysis	ISSN: 2405-710X / Dec-2025 / Vol.11 No.3s	-	Scopus
9	Dr.P.S.Vijayalakshmi, Dr.K.Kavitha, Dr.S.Poorana Senthilkumar	Audio Recognition for Wildlife Conservation	IEEE CICN Conference	- / Feb-2026 / pp.345-351 DOI	25.9	IEEE
10	Dharani V, Poorana Senthilkumar S, Monica Jennifer J	Face Recognition Attendance System	IJSRMS	ISSN: 2454-9312 / Feb-2026 / Vol.12 Issue 2 pp.01-09	-	Peer Reviewed
11	K.Sivasankari & Dr.C.Kumuthini	Review on ML & DL for Sesame Disease	IJETCSE	ISSN: 0976-1353 / Jan-2026 / Vol.32 Issue 01	-	Peer Reviewed
12	Mr.M.Yuvaraja & Dr.C.Kumuthini	Sentiment Analysis with Feature Representation	IJASIS	ISSN: 2457-0370 / Feb-2026 / Vol.12 No.2s	-	Scopus
13	Ms.V.Priya & Dr.V.Yuvaraj	Digital Vehicular Emission Monitoring	IJRPR	ISSN: 2582-7421 / Mar-2026 / Vol.7 Issue 3 pp.657-660	6.844	Peer Reviewed
14	Ms.R.Priya Dharshini & Dr.V.Yuvaraj	HomeGuard Intruder Detection	IJRPR	ISSN: 2582-7421 / Mar-2026 / Vol.7 Issue 3 pp.661-666	6.844	Peer Reviewed
15	Arun KS, Poorana Senthilkumar S, Srikar S	AI Resume Shortlisting System	IJSRED	ISSN: 2581-7175 / Mar-2026 / Vol.9 Issue 2 pp.335-340	5.925	Peer Reviewed

16	Aishwariya Eswara V, Poorana Senthilkumar S	AI-Based Profile Summarization	IJSRED	ISSN: 2581-7175 / Mar-2026 / Vol.9 Issue 2 pp.335-340	5.925	Peer Reviewed
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### Students Participation

S. No.	Date	Name of the Student(s)	Event	Organization / Institution	Prize won
1.	27-FEB-26	MadhanKumar S	1500 m Running Race	Dr.N.G.P. Arts And Science College	1 <sup>st</sup> Prize
2.	08-JAN-26	Varun Srinivasan, Vinodh R G, Manivasagam D & Shyamdinesh R	IPL Auction, SRIJANA'26	PSG Institute of Management, Coimbatore	3 <sup>rd</sup> Prize
3.	22-DEC-25	G.Baskar & M. Pavithran	Hackshield Trivia-Inter Collegiate Meet "NEXTGEN COMPUTE FEST 2K25 – CYBER SHIELD '25"	VELLALAR COLLEGE FOR WOMEN (AUTONOMOUS), Erode – 638 012, Tamil Nadu, India	2nd Price
4.	13-SEP-25	Varun Srinivasan & Manivasagam D	Varnave Premier League - National Level intercollege cultural fest	Jansons Institute of Technology, Coimbatore	1st Price
5.	JUNE-25	Rukshana Basheer	National Creativity Aptitude Test-2025	NCAT	All India Rank 50 category 1

### Staff Presentation

S. No.	Date	Name of the Staff	Name of the Event	Title of Presentation	Organization / Institution
1	24-FEB-2026	Dr.P.S.Vijayalakshmi	13th National Conference on "The Agentic Turn: New Era of AI"	Deep Learning using CNN Techniques for Medical Image Analysis	Sri Krishna College of Arts and Science

2	13-FEB-2026	Dr.C.Kumuthini	International Multidisciplinary Conference on AI-Driven Sustainability	PAPR Reduction Techniques in OFDM Systems	PSG College of Arts and Science
3	13-FEB-2026	K.Gomathy	International Multidisciplinary Conference on AI-Driven Sustainability	PAPR Reduction Techniques in OFDM Systems	PSG College of Arts and Science
4	04-FEB-2026	Dr.V.Yuvaraj	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	Multiclass Lung Cancer Classification using Soft Voting	Dr.N.G.P Arts and Science College
5	04-FEB-2026	Dr.P.S.Vijayalakshmi	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	Adaptive ML Models for IoT Sensor Accuracy	Dr.N.G.P Arts and Science College
6	04-FEB-2026	Dr.P.S.Vijayalakshmi	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	Disease Identification using Deep Learning & DNA LLM	Dr.N.G.P Arts and Science College
7	04-FEB-2026	Dr.P.S.Vijayalakshmi	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	AIoT Systems for Smart Applications	Dr.N.G.P Arts and Science College
8	04-FEB-2026	Dr.C.Kumuthini	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	Deep Learning based Emotion Recognition using CNN-LSTM	Dr.N.G.P Arts and Science College

9	04-FEB-2026	K.Gomathy	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	Malicious Node Detection in VANET	Dr.N.G.P Arts and Science College
10	04-FEB-2026	Dr.K.Kavitha	International Conference on Computational Intelligence and Communication Technologies (ICCICT-2K26)	System-wide Anonymity Framework	Dr.N.G.P Arts and Science College
11	21-DEC-2025	Dr.P.S.Vijayalakshmi	17th IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2025)	Audio Recognition of Animals using Deep Learning	NIT Goa
12	21-DEC-2025	Dr.S.Poorana SenthilKumar	17th IEEE International Conference on Computational Intelligence and Communication Networks (CICN-2025)	Audio Recognition of Animals using Deep Learning	NIT Goa
13	04-DEC-2025	Dr.S.Poorana SenthilKumar	3rd International Conference on Edge Computing and Applications ICECAA 2025	ML Models for Predicting IoT Vulnerabilities	Gnanamani College of Technology
14	04-DEC-2025	Dr.P.S.Vijayalakshmi	3rd International Conference on Edge Computing and Applications ICECAA 2025	ML Models for Predicting IoT Vulnerabilities	Gnanamani College of Technology
15	07-NOV-2025	Dr.V.Yuvaraj	9th International Conference on Electronics, Communication and Aerospace Technology ICECA 2025	Congestion Management in IoT Environments	RVS Technical Campus
16	19-SEP-2025	Dr.V.Yuvaraj	International Conference on "Recent Trends in Multi-Disciplinary Research and Innovation"	FiDooop-Spark Adaptive Data Mining	AVP College, Tirupur

17	19-SEP-2025	Dr.K.Kavitha	International Conference on "Recent Trends in Multi-Disciplinary Research and Innovation"	Landslide Monitoring using Robots	AVP College, Tirupur
18	19-SEP-2025	Dr.P.S.Vijayalakshmi	International Conference on "Recent Trends in Multi-Disciplinary Research and Innovation"	Data Security using Bluefish Algorithm	AVP College, Tirupur
19	19-SEP-2025	Dr.C.Kumuthini	International Conference on "Recent Trends in Multi-Disciplinary Research and Innovation"	Adversarial Machine Learning	AVP College, Tirupur
20	19-SEP-2025	Mrs.K.Gomathy	International Conference on "Recent Trends in Multi-Disciplinary Research and Innovation"	Data Security using Bluefish Algorithm	AVP College, Tirupur
21	19-SEP-2025	Dr.C.Kumuthini	First International Conference on Transformative Computing Technologies (ICTCT-2025)	Trojan Horse Detection using ML	Acharya Institute, Bengaluru
22	13-SEP-2025	Dr.C.Kumuthini	International Conference on Emerging Technologies – Driving Industry 4.0 for Sustainable Development (ICETDISD–2025)	Cybersecurity for Defence Systems	KG College of Arts and Science
23	13-AUG-2025	Dr.C.Kumuthini	9th International Conference on Inventive Systems and Control ICISC 2025	Kidney Cancer using AI	JCT College, Coimbatore
24	13-AUG-2025	Mr.C.Ramachandran	2nd International Conference on Research Perspectives in New-Gen Computational Paradigms ICRPNCP 2025	Image Segmentation in Digital Processing	St. Joseph's College, Tirupur

### Book / Book Chapters Publications

S.No	Date	Name of the Staff	Name of the Book	Name of the Publisher	Year of publication	ISBN
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1	FEB-26	Dr. Poorana senthilkumar S	Blockchain Technology Theory, Design, And Implementation	Priyam Publications, Coimbatore	2026	978-81-998247-8-2
2	FEB-26	Dr. Poorana senthilkumar S	Collaborative Intelligence: Frameworks and Applications in Multidisciplinary Research and Innovation	Zenodo	2026	978-81-996477-7-0
3	DEC-25	Dr.C.Kumuthini	The IoT Revolution: Forging Today, Inventing Tomorrow	Intelligent Iot-Enabled Smart Fencing System For Real-Time Security Monitoring	2025	978-93-48990-65-5
4	SEP-25	Dr.V.Yuvaraj	Blockchain Technology and its Applications	Priyam Publications, Coimbatore	2025	978-93-49833-30-2
5	SEP-25	Mr.C.Ramachandran	AI and ML in Cybersecurity	IOT Academy Publishers	2025	978-93-48990-05-1
6	AUG-25	Dr.V.Yuvaraj & Mr.P.Dineshkumar	Emerging Trends in Advanced AI For Multidisciplinary Research and innovation	Priyam Publications, Coimbatore	2025	978-93-49833-21-0
7	JUL-25	Dr. Poorana Senthilkumar S	6G Networks and AI-Driven Cybersecurity	IGI Global Scientific Publishing.	2025	979-8-3373-0568-4