



# Sree Siddaganga College of Arts, Science and Commerce

Department of Bachelor of Computer Applications

AICTE sponsored

## Two-day National Conference on Exploring AI and ML for Better Tomorrow (NCEAMBT 2025)

Date : 27.09.2025

Timings 10:30 AM to 12:00 PM

### Track 1: Emerging Trends in AI and ML

Venue : Golden Jubilee Building

Room No.1

Sl No	Paper ID	Title	Presenter
1	P004	Monorepo with Micro Frontend Architecture: A Scalable Approach to Modern Web Development	Viraj, Chandra Shekar B H
2	P017	Benchmarking Next-Generation LLMs: A Study of Text Generation Performance Across Proprietary and Open Models	H K Virupakshaiah, Kushal S N.
3	P020	A Comparative Study of Human Astrologers Large Language Models in Astrological Chart Interpretation	H K Virupakshaiah, PoojaShree S
4	P021	A Comparative Study of Large Language Models and Human Performance in Knowledge and Task Execution	Asha Gowda Karegowda, Naveen V, Sneha T K.
5	P022	Handwritten Digits Recognition Using Convolutional Neural Networks	Divya B, Jagadambika N S
6	P024	Color Edge Detection in Digital Image Processing and Comparative Study of Filters	Prashanth G K, Dinesh L.



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**Track 1: Emerging Trends in AI and ML**

**Venue : Golden Jubilee Building**

**Room No.1**

Sl No	Paper ID	Title	Presenter
1	P025	Comparative Performance Evaluation of Large Language Model for Image Generation and Editing	H S Vijay Kumar, Megha K.
2	P026	Facial Gender Classification and Reconstruction Using Eigenvalue and Eigenvector Analysis	Prashanth G K, Prabhu Kumar P H
3	P027	An Intelligent Soft Computing Model for Handwritten Symbol Recognition	Prashanth G K, Kavya H S
4	P033	A Study on Lossless Image Compression Methods for Color Images and Digital Manuscripts	Prashanth G K, Shivu T J
5	P037	AI Based ArcFace Model in Modern Face Recognition Systems	H K Virupakshaiah, Shaik Akhib K
6	P040	Comparative Study of Leading AI-Based Text-to-Video Generation Platforms	H K Virupakshaiah, Sneha S



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**Track 1: Emerging Trends in AI and ML**

**Venue : Golden Jubilee Building**

**Room No.24**

Sl No	Paper ID	Title	Presenter
1	P041	Text-to-Image Arena: A Comparative Study of LLM-Based Image Generation Models	Y Venkata Reddy, Nandhitha N
2	P050	AI-Powered Speech Recognition: A Survey of Deep Learning Models, Challenges, and Emerging Directions	Asha Gowda Karegowda, Dayananda Gowda R
3	P052	Machine Learning for Text and Social Media Analysis: A Survey	Lingdevarappa K S
4	P054	Smart Vision: Identifying Cars and Logos Using Deep Learning and CNN	H S Vijay Kumar, Divya S L
5	P062	Comparative Study of AI Tools for Image Generation	Asha Gowda Karegowda, Sathvik H G.
6	P066	Deep Learning Model For Classification Of Various Dog Breeds	Amulya J



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**Track 2: AI applications in Healthcare, Education, Agriculture, and Smart Cities**

**Venue : Golden Jubilee Building**

**Room No.24**

Sl No	Paper ID	Title	Presenter
1	P012	Healing Through Harmony: A Digital Sanctuary for Emotional Wellness and Relaxation	H K Virupakshaiah, Pooja L.
2	P014	Electricity Theft Detection in Smart Grids Based on Deep Neural Network	C BhanuPrakash, H S Nagendra Hebbar
3	P015	Predictive Analytics for Thyroid Disease Using ML Models	C BhanuPrakash, Harshitha S
4	P016	Sign Language Problem And Solutions For Deaf And Dumb People	Y Venkata Reddy, Harshitha N Bali
5	P019	A Review on Advancements in Flood Detection and Risk Management Using Remote Sensing, AI/ML, IoT, and GIS	Y Venkata Reddy, Suma L M
6	P023	Automated Diagnosis of scalp and Hair Disorders using Machine Learning	Y Venkata Reddy, Darshan



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**Track 2: AI applications in Healthcare, Education, Agriculture, and Smart Cities**

**Venue : Seminar Hall**

Sl No	Paper ID	Title	Presenter
1	P032	A Comprehensive Survey on AI Applications in Kannada Text Recognition	Asha Gowda Karegowda , Prajwal D R, Radhika M S
2	P034	Lung Cancer Detection using CT Image Processing	Y Venkata Reddy, Masabi Ibrahim Athani
3	P038	Smart Campus Placement and Career Support System (SCPACSS) with Integrated Placement Prediction and AI Proctoring	Y Venkata Reddy, Nandhitha N
4	P039	Smart Web-Based Blood Bank Management System with Chatbot Assistance and GPS Enabled Tracking	Y Venkata Reddy, Pramod
5	P047	Design and Development of a Laravel-Based Learning Management System	Y Venkata Reddy, Darshan P
6	P053	Healthcare in the AI Era: Opportunities and Ethical Challenges Ahead	C BhanuPrakash, Sai Neha P R



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Timings 2:30 PM to 3:30 PM

Track 2: AI applications in Healthcare, Education, Agriculture, and Smart Cities

Venue : Seminar Hall

Sl No	Paper ID	Title	Presenter
1	P055	Smart Fit: Personalized Diet and Fitness Recommendation System	H K Virupakshaiah, Kushal S N.
2	P060	Machine learning Model for Brain Tumor Detection using MRI Images	H S Vijay Kumar, Subramanya A
3	P063	Exploring Correlations Between Social Media Use and Student Well-being Using Power BI	Kiran D N, Harshitha T S, Ranjini R J
4	P064	YOLO Models for Crop and Weed Detection: A Comprehensive Review in Precision Agriculture	Dr. B G Premasudha, Murali K L
5	P067	A Review Paper on Artificial Intelligence in Smart City Development	Varsha Shetty H N, Sneha M N.
6	P068	Revolutionizing Healthcare with Artificial Intelligence	Mahesha S, Chandana A R



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**Timings 10:30 AM to 12:00 PM**

### **Track 3: AI in Cyber Security and Data Privacy**

**Venue : Golden Jubilee Building**

**Room No.15**

<b>Sl No</b>	<b>Paper ID</b>	<b>Title</b>	<b>Presenter</b>
1	P028	Cyber security Challenges in E-Commerce	Y Venkata Reddy, Harish Patil
2	P043	Zero Trust in Healthcare: Advancing Security for Health Information Systems	Prashanth G K, Karan Kumar
3	P061	A COMPARATIVE STUDY OF MACHINE LEARNING ALGORITHMS FOR EMAIL SPAM DETECTION	Dr. Premasudha B G, Rajesh Hugar.
4	P065	DISVS-PHP: Design and Implementation of a Secure Voting System with PHP	Janith V C, Jyothi B,Chethan N S, Ananya
5	P082	Beyond JWT: Secure Authentication with PASETO Tokens	Pratheek Nayak, Prof. Prashanth K.
6	P086	AI in Cybersecurity and Data Privacy: A Review	Prajwal T N, Varun Vinayaka Hegde





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**Date : 27.09.2025**

**Timings 2:30 PM to 3:30 PM**

### **Track 4: AI in Business, Finance and Economics**

**Venue : Golden Jubilee Building**

**Room No.15**

Sl No	Paper ID	Title	Presenter
1	P010	Optimizing E-commerce UI/UX for Purchase Intention and Retention	Y Venkata Reddy, Rakshith C
2	P018	Comparative Study Of Indian and Foreign Language Models:Linguistics Spectifcation Versus sales	Prashanth G K, Srusti B S
3	P045	“Advances in Hybrid and Graph-Based Techniques for Fraud Detection in Insurance”	C BhanuPrakash, Jayanth V
4	P048	A Deep Learning Framework Using CNN and RNN for Predicting Cosmetic Product Categories Based on Ingredient Composition and Brand Information	H K virupakshaiah, RamyaShree N
5	P049	Enhancing Information System Efficiency through Optimized Data Warehouse Architecture	Y Venkata Reddy, Kusuma V M
6	P051	Project Scheduling Strategies for Time and Cost Optimization in Indian Housing Development	Prashanth G K, Meghana A C





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### Track 4: AI in Business, Finance and Economics

Venue : Golden Jubilee Building

Room No. : 16

Sl No	Paper ID	Title	Presenter
1	P056	A Review on Domain-Specific Vision–Language Models for Electronics E-Commerce Search	Dr. Premasudha B G, Priyanka K R
2	P081	Karnataka Demographics in View :- Power BI Analysis	Mr Sheedhara N Hegde, Vijaylakshmi Chinivar T N, Hashitha U K
3	P087	A Study on Awareness and Perceptions of Artificial Intelligence among Students and Professionals	Manoj N S, Kishor G
4	P089	A Bibliometric Analysis of Artificial Intelligence Applications in Finance: Trends, Insights, and Research Directions (2007–2025)	Dr. Jyothi V S, Dr. Kodandarama
5	P090	Artificial Intelligence as a Development Strategy for Business Organizations	Preethi T J, Kusuma B R
6	P091	Ethical and Legal Challenges of AI Use in Standardized Accounting Systems	Dr.Rekha M K, Dr. Bhanu R J



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### **Track 5: Gaming, AR/VR, and Metaverse**

**Venue : Golden Jubilee Building**

**Room No.16**

<b>Sl No</b>	<b>Paper ID</b>	<b>Title</b>	<b>Presenter</b>
1	P007	AGILE PRINCIPLES IN EXTENDED REALITY (XR) PROJECTS: A COMPLETE RESEARCH APPROACH	Saravanan C, U S Abhiram, Mahesh Babu R,Shapun S Poonja,Uday R
2	P057	Emerging Technology in gaming Metaverse	Arpitha S,Gayana S P, Sinchana ,Sushmitha K
3	P080	WEB BASED AI PHOTO BOOTH FOR INSTANT EFFECTS AND QR SHARING	Shilpa D M