



CAPE ARTS & SCIENCE COLLEGE

(Affiliated to Manonmaniam Sundaranar University, Tirunelveli – 627012)
Aralvaimozhi, Near Muppanthal, Kanyakumari District – 629301.
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International Conference on Emerging Technologies and Future Innovations ICETFI 2025



Organized by
Department of Computer Science
CAPE Arts & Science College,
Aralvaimozhi, Kanyakumari, Tamil Nadu, India

In Association with
LKP Academy

Innovation, Research and Empowering Minds
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October 28, 2025 | 11.00 Onwards ((•)) Hybrid Mode

International Conference on Emerging Technologies and Future Innovations – ICETFI 2025

Agenda

Inauguration – 11.00 AM to 12.00 PM

Welcome Address **Ms.S.Monicka**
*Project Manager,
Department of Research and Development,
LKP Academy,
Madurai, Tamil Nadu, India.*

Inaugural Address **Dr.N.Suthan**
*Principal,
Cape Arts and Science College,
Kanyakumari, Tamil Nadu, India.*

Special Address **Mrs.G.Geetha**
*Assistant Professor & Head,
Department of Computer Science,
Cape Arts and Science College,
Kanyakumari, Tamil Nadu, India.*

Presidential Address **Dr.M.Sathish Kumar**
*Assistant Professor,
Department of Computer Science,
Cape Arts and Science College,
Kanyakumari, Tamil Nadu, India.*

Special Address **Er.I.Krishna Pillai**
*Chairman,
Cape Group of Institutions,
Thirunelveli, Tamil Nadu, India.*

Dr.K.V.Iyyapa Karthik
*Pro Chairman,
Cape Group of Institutions,
Thirunelveli, Tamil Nadu, India.*

Vote of Thanks **Mr.D.Christopher Raj**
*Assistant Professor,
Department of Computer Science,
Cape Arts and Science College,
Kanyakumari, Tamil Nadu, India.*

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Session 01

1.00 PM to 2.00 PM

Chair Person

Dr.I.Carol

Assistant Professor,
Department of Information Technology,
St. Joseph's College(Autonomous),
Affiliated to Bharathidasan University,
Tiruchirappalli, Tamil Nadu, India.

Suguna A

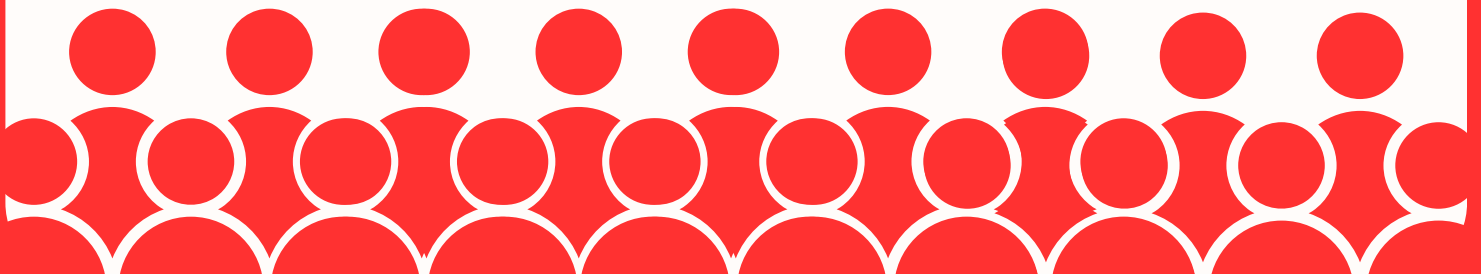
Assistant Professor,
Department of Computer Science and Engineering,
Sri Sairam College of Engineering,
Bangalore, Karnataka, India.

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S.No	Paper / Title	Presenter
1	Cloud Computing: Transforming Modern Technology and Business	Dr.I.Carol
2	Predicting Asthma and COPD Exacerbation During Cold Season Using IoT Devices	Suguna A
3	Artificial Intelligence: Concepts Applications, Challenges, and Future Directions	Dr.B.Balakumar
4	EMR and EHR Usage in Healthcare: Transforming Patient Care and Clinical Operations	T K Pradeepkumar
5	Image Processing: Techniques, Applications, and Future Directions	Dr.R.Srinivasan
6	Cloud Security Using Deep Learning–ANN Approach	Dr. Sudhakar K Ms. Sushma K Dr. Rubini P Ms. Mahima M Gowda
7	Identification of Abnormalities in Foetal Heart Rate using Cardiotocograph and Long Short- Term Memory	Ms.Sushma K Dr.Rubini P Dr.Sudhakar K Mrs.Geethanjali S G
8	Assessing Groundwater Quality Through Nitrate Prediction Using Machine Learning Models	R.Siddthan Dr.PM.Shanthi
9	Temporal Code Evolution Network for Predictive Software Fault Analysis based on Buffer Overflow	S.Thenmozhi Dr. PM. Shanthi
10	On Parametric CONE b-Metric Space-Fixed Point Results Under Contractive Mapping	Dr. S.Dhivya
11	Complex Valued Dislocated Metric Space	Dr. S.Selvi
12	Investigations on Invertible Subhypergroup in Nano Topological Space	Dr. V. Ramesh

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S.No	Paper / Title	Presenter
13	Result for Oscillatory Behavior of Solution's of Difference Equation in Fourth-Order	G.Sumitha
14	Development of a Smart Recipe Generator Using OpenAI GPT- 4 and Real-Time Streaming	K. Sundravadivelu R Karthikeyan B.Prakash Ambros
15	Enhancing Heart Disease Detection Accuracy Using Ensemble Learning: A Random Forest Approach	K. Sundravadivelu B.Prakash Ambros R. Karthikeyan
16	Heart Disease Risk Prediction on Machine Learning Models	Dr. T. Arumuga Maria Devi Mrs. V.S. Jeyalakshmi Mrs. S. Selva Kumari C.Rama Subbu Lakshmi
17	Internet of Things (IoT): Connecting the World Through Smart Technology	Dr.I.Carol
18	Prediction of Asthma and COPD Using IoT Devices	Suguna A
19	Importance of EMR and EHR Interoperability in Healthcare	T K Pradeepkumar
20	Artificial Intelligence: Transforming the Modern World	Dr.R.Srinivasan
21	AcadeX-Net: A Predictive Machine Learning Model for Understanding the Effects of Stress and Sleep Quality on Student Academic Performance	Dr.S.Karthikeyan
22	The Effectiveness of Ensemble Machine Learning Algorithms for Real-Time Intrusion Detection in Cloud Environments	A.Madasamy, Dr.M. Ramaswami



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S.No	Paper / Title	Presenter
23	Real-Time Network Anomaly Detection And Automated Response System with Dashboard	A.Athirmalarvizhi Dr.T.Arumuga Maria Devi
24	Suspicious URL Checker with API Integration	R.Kalaiveni Dr.T.Arumuga Maria Devi
25	Network Watchdog: Real-Time Traffic Analysis and Alerts	S.Malathi Dr.T.Arumuga Maria Devi
26	Blood Bank Emergency Request System Using Machine Learning	Shanmuga priya S Dr. T. Arumuga Maria Devi

