



**ANRF SPONSORED**  
**ADVANCEMENTS IN**  
**COMPUTATIONAL INTELLIGENCE**  
**AND MACHINE LEARNING**

**ICACIML2026**

**26th and 27th | March 2026**

**ORGANIZED BY**

**Department of Computer Science & Engineering (CSE)**  
**Department of Artificial Intelligence & Data Science (AI&DS)**  
**Center of Excellence in Blockchain**

**Faculty of Science and Technology (ICFAI Tech)**  
**ICFAI Foundation for Higher Education, Hyderabad – 501203**

**CO-SPONSORED BY**



**ICFAI** Foundation  
for Higher Education  
(Deemed-to-be University under Section 3 of the UGC Act, 1956)  
Category I Autonomous Institution • Accredited by NAAC with 'A++' Grade

Approved by



Grade A++ in



Approved by



**IcfaiTech**  
Faculty of Science & Technology (FST)

Publication Partner



Sponsored by



# INTERNATIONAL CONFERENCE ON ADVANCEMENTS IN COMPUTATIONAL INTELLIGENCE AND MACHINE LEARNING (ICACIML-2026)

The International Conference on Advancements in Computational Intelligence and Machine Learning (**ICACIML-2026**) was organized by IcfaiTech, ICFAI Foundation for Higher Education (IFHE), Hyderabad, on **26–27 March 2026**. The conference served as an academic platform for researchers, academicians, and industry practitioners to present and discuss recent developments in computational intelligence, data-driven systems, and machine learning. It facilitated the exchange of research findings and practical applications across diverse domains, with a focus on addressing contemporary technological challenges through AI-driven solutions.

The conference focused on intelligent systems, data-driven decision-making, and next-generation machine learning techniques, with an emphasis on interdisciplinary research and real-world applications.



## INAUGURAL CEREMONY

The inaugural ceremony commenced with the lighting of the ceremonial lamp. The dignitaries on the dais included:

- Prof. Tamma Koti Reddy, Vice Chancellor, IFHE, Hyderabad
- Prof. Vijayalakshmi, Registrar, IFHE, Hyderabad
- Prof. K. L. Narayana, IcfaiTech, Director, IFHE, Hyderabad
- Prof. Sandeep Kumar Panda, Convenor – ICACIML 2026
- Prof. Alejandro Masrur, Full Professor, Department of Computer Science, TU Chemnitz
- Prof. P. P. Sateesh Kumar, Professor, Department of Computer Science, IIT Roorkee
- Prof. (Dr.) Diptendu Sinha Roy, Professor, Department of Computer Science, NIT Meghalaya
- Prof. (Dr.) Subhendu Pani, Professor and Principal, Krupajal Engineering College, Biju Patnaik University of Technology

The ceremony commenced with welcome addresses and remarks by distinguished dignitaries, who highlighted the significance of computational intelligence and machine learning in shaping the future of technology and society. The inaugural session concluded with the rendition of the University Song.

Welcome to



ICACIMIL  
2026



# Lighting the Diya





## WELCOME AND INTRODUCTORY ADDRESSES

**Prof. Sandeep Kumar Panda, Convener – ICACIML-2026**, delivered the Welcome Address, outlining the conference's objectives and its focus on advancing research and innovation in computational intelligence and machine learning. He highlighted the conference's role as a platform for knowledge exchange, interdisciplinary collaboration, and engagement between academia and industry.

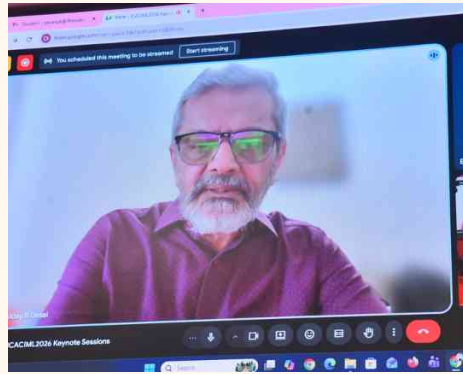
The introductory remarks were delivered by **Prof. K. L. Narayana, Director, IcfaiTech, IFHE, Hyderabad**, who provided an overview of ICACIML-2026, emphasizing its vision, thematic focus, and the importance of fostering research in artificial intelligence and data-driven technologies. He also highlighted IcfaiTech's academic strengths and research initiatives in emerging technological domains.

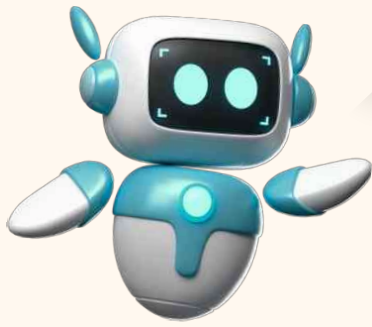
**Prof. Vijayalakshmi, Registrar, IFHE, Hyderabad**, addressed the gathering and emphasized the institution's commitment to academic excellence, research, and innovation. She appreciated the organizing team's efforts and highlighted the importance of such conferences in strengthening institutional visibility and promoting academic collaboration.

The Chief Guest Address was delivered by **Prof. Alejandro Masrur, Full Professor in the Department of Computer Science, TU Chemnitz, Germany**, who shared insights into global research trends in computational intelligence and the growing impact of machine learning across various sectors.

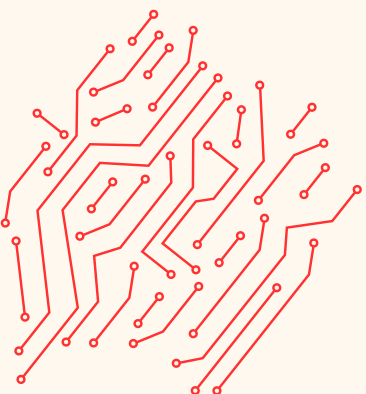
The Guest of Honour Address was delivered by **Prof. P. P. Sateesh Kumar, Professor, Department of Computer Science, IIT Roorkee**, who emphasized the importance of robust research methodologies, interdisciplinary approaches, and industry-relevant innovations in advancing the field of artificial intelligence.

The Presidential Address was delivered by **Prof. Tamma Koti Reddy, Vice Chancellor, IFHE, Hyderabad**, who highlighted the transformative potential of artificial intelligence and machine learning in addressing real-world challenges. He underscored the importance of ethical AI practices, research-driven innovation, and the role of academic institutions in shaping future-ready professionals.





# Day - 1





# PROF. ALEJANDRO MASRUR KEYNOTE SESSION

**Title: "Embedded Machine-Learning Applications and Their Challenges."**

In his insightful talk, Prof. Masrur highlighted the growing importance of integrating machine learning techniques into embedded and real-time systems, particularly in automotive, cyber-physical, and safety-critical applications. Drawing on his extensive research in real-time systems, scheduling, and dependable computing, he emphasized the challenges of deploying machine learning models in resource-constrained environments, including timing predictability, reliability, and system safety.

He further discussed the need to design efficient, adaptive algorithms that can operate within strict hardware and timing constraints while ensuring robustness and fault tolerance. His keynote offered valuable insights into bridging the gap between theoretical advances in machine learning and their practical implementation in embedded systems, encouraging researchers to focus on scalable, safe, and efficient AI solutions.





IIT Roorkee



# PROF. P. SATEESH KUMAR KEYNOTE SESSION

## Title: Harnessing Machine Learning for Android Malware Detection

The talk provided a comprehensive overview of core malware-detection methodologies: static, dynamic, and hybrid. While traditional detection techniques continue to play a role, the session underscored the growing importance of Machine Learning (ML) as an effective tool for identifying and mitigating malicious activities.

A key highlight of the presentation was the demonstration of how various ML models can be applied across static, dynamic, and hybrid frameworks to enhance malware detection efficiency significantly. The speaker also shared experimental results from models developed in their research lab, showcasing improvements in detection accuracy and performance.

The session concluded with a discussion on open challenges and future research directions, particularly in strengthening mobile security frameworks and developing more robust, scalable, and adaptive solutions to combat evolving cyber threats.



## PROF. DIPTENDU SINHA ROY KEYNOTE SESSION

### **“Computational Intelligence for Smart and Distributed Systems: Emerging Directions in Machine Learning and Optimization”**

In his presentation, Prof. Sinha Roy highlighted the growing role of computational intelligence techniques in enabling smart and distributed systems across diverse application domains. He discussed how machine learning and optimization methods are being leveraged to address complex real-world problems across smart cities, IoT-enabled environments, and distributed computing systems.

The talk emphasized emerging research directions, including integrating intelligent algorithms with scalable, decentralized architectures to enhance system efficiency, adaptability, and decision-making capabilities. He also elaborated on the challenges of designing robust, efficient optimization frameworks in distributed environments. The session provided valuable insights into the future of intelligent systems, encouraging researchers to explore innovative approaches that combine machine learning, optimization, and distributed computing for next-generation technological solutions.



## INDUSTRY PANEL DISCUSSION

**Theme: “Redefining Human Intelligence: AI, Emotional, and Cognitive Diversity”**

**Moderator: Dr(Prof) ORS Rao, Advisor, ICFAI Group**

### **PANELLISTS:**

1. Prof. G. Narahari Sashtri, Dean–Research, IIT, Hyderabad
2. Ms. Swarnamouli Mujumdar, CEO / Founder, ZENEXT AI, Canada.
3. Mr. Venu Gopal, Ex. Vice President, WIPRO.
4. Mr. G. Prasanna, CEO, CIPRA

A thought-provoking industry panel discussion was conducted on the theme **“Redefining Human Intelligence: AI, Emotional, and Cognitive Diversity.”** The session was moderated by **Dr. (Prof.) O. R. S. Rao**, who guided the discussion with insightful perspectives and engaging questions. The panel featured distinguished experts from academia and industry, including Prof. G. Narahari Sastry, Dean–Research, IIT Hyderabad; Swarnamouli Mujumdar, CEO & Founder, ZENEXT AI, Canada; Venu Gopal, Ex. Vice President, WIPRO; and G. Prasanna, CEO, CIPRA.

The discussion explored the evolving definition of human intelligence in the age of artificial intelligence, emphasizing the interplay between cognitive abilities, emotional intelligence, and machine-driven insights. Panelists shared diverse perspectives on how AI is augmenting human capabilities while also raising important questions around ethics, inclusivity, and the future of work. Key insights included the importance of integrating emotional and cognitive diversity into AI system design, the need for responsible and ethical AI development, and the role of interdisciplinary collaboration in shaping human-centric intelligent systems. The session was highly interactive, providing valuable takeaways for researchers, practitioners, and students alike.



Biju Patnaik University  
of Technology, ODISHA



## PROF. SUBHENDU KU. PANI KEYNOTE SESSION

**Title: "Human Centered AI Systems  
for Real-world Impact"**

The keynote session was delivered by Prof. (Dr.) Subhendu Ku. Pani, Professor and Principal, Krupajal Engineering College, on the topic "Human Centered AI Systems for Real World Impact." In his keynote address, Prof. Pani emphasized the importance of designing artificial intelligence systems that are aligned with human values, needs, and societal well-being. He highlighted that human-centered AI focuses not only on technological advancement but also on usability, ethics, transparency, and inclusivity.

Drawing on his academic and research experience, he discussed how AI solutions can be effectively deployed to address real-world challenges across healthcare, education, and governance. He stressed the need for developing AI systems that are interpretable, fair, and accountable, ensuring trust and acceptance among users. The session provided valuable insights into bridging the gap between AI innovation and its practical implementation, encouraging researchers and practitioners to adopt a human-first approach in designing intelligent systems for meaningful societal impact.



# MS. SWARNAMOULI MAJUMDAR KEYNOTE SESSION

**Title: "Artificial Intelligence for Safer Cities and Communities "**

In her keynote address, Ms. Mujumdar highlighted the transformative role of artificial intelligence in enhancing urban safety and improving the quality of life in modern cities. She discussed how AI-driven technologies, such as intelligent surveillance systems, predictive analytics, and smart infrastructure, can be leveraged to prevent crime, manage emergencies, and ensure public safety.

She also emphasized the importance of data-driven governance and real-time decision-making in building resilient and secure urban environments. The talk further addressed key challenges, including data privacy, ethical considerations, and the need for responsible AI deployment in public systems.

The session provided valuable insights into the application of AI to smart city development, encouraging stakeholders to adopt innovative, sustainable solutions to create safer, more inclusive communities.







# CONCLUDING REMARKS (INAUGURAL SESSION)



The inaugural session of the International Conference on Advancements in Computational Intelligence and Machine Learning (ICACIML-2026) concluded with a formal Vote of Thanks delivered by Dr. P. Pavan Kumar, Associate Professor and Head, Department of AI & DS, IcfaiTech, IFHE, Hyderabad. In his address, he extended greetings to the distinguished dignitaries, speakers, delegates, and participants. He expressed his gratitude to Prof. K. L. Narayana for his vision and mentorship in conceptualizing the conference and acknowledged the support of Dr. P. Rohini, Dr. Pradosh, and Prof. Sandeep Kumar Panda in organizing the event.

He also acknowledged the contributions of the keynote speakers, Prof. Alejandro Masrur, Prof. P. P. Sateesh Kumar, Prof. Diptendu Sinha Roy, Prof. Subhendu Kumar Pani, Ms. Swarnamouli Majumdar, Prof. Fernando Moreira, and Prof. Bouziane Brik, for enriching the conference through their insights. He extended his appreciation to the institutional leadership, including the Hon'ble Vice Chancellor, Registrar, and Director, for their continued support and encouragement. Special thanks were conveyed to Mr. V. Madhusudan Rao for his assistance.

Dr. Pavan Kumar recognized the efforts of the ICACIML-2026 Program Committee, organizing committees, system administrators, administrative staff, and student volunteers in ensuring the successful conduct of the conference. He also acknowledged the support of sponsors, including the Anusandhan National Research Foundation (ANRF) and other partners. He concluded by expressing gratitude to all participants and contributors for the successful conduct of ICACIML-2026.



# DAY 1 PROCEEDINGS



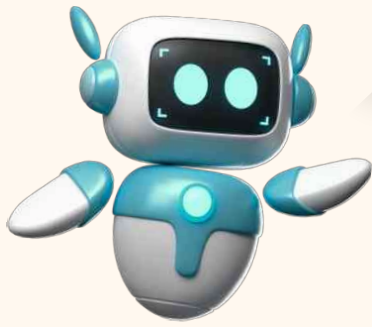


In his thought-provoking address, Prof. Moreira examined the transformative impact of artificial intelligence on higher education and the learning ecosystem. He critically reflected on how AI-driven tools are reshaping traditional teaching methodologies, assessment practices, and the overall role of universities in knowledge creation and dissemination. He discussed both the opportunities and challenges posed by AI, highlighting its potential to personalize learning, enhance accessibility, and support academic research, while also raising concerns about academic integrity, over-reliance on automation, and the evolving role of educators.

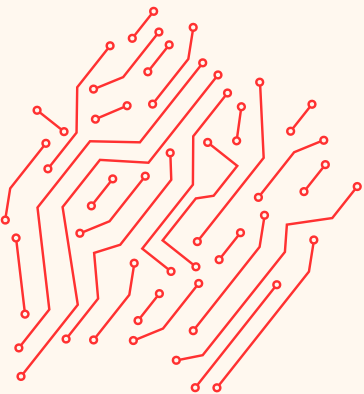
The session encouraged participants to rethink the future of education in the age of AI, emphasizing the need to strike a balance between technological advancement and the preservation of critical thinking, creativity, and human-centric learning approaches.

#### SUPPORT AND SPONSORSHIP

The successful organization of ICACIML 2026 was made possible through the generous support and collaboration of esteemed sponsoring and supporting organizations. The conference received financial support from the **Anusandhan National Research Foundation (ANRF)**, whose encouragement in promoting research and academic excellence played a crucial role in the event's execution. We also extend our sincere gratitude to our industry partners and sponsors—**Amazon Web Services (AWS)**, **Operisoft**, **Uniaisys**, and **NNCloud**—for their valuable support and contributions. Their involvement significantly enriched the conference by fostering stronger academia-industry collaboration and enabling meaningful discussions on emerging technologies. The organizers deeply appreciate the commitment of all supporting organizations in making **ICACIML 2026** a grand success.



# Day - 2



# PROF. FERNANDO MOREIRA KEYNOTE SESSION

**Title: Is AI destroying the University  
and learning itself?**





Hyderabad, Telangana, India  
 C699+mxm, Shankarpalli Rd, Hyderabad,  
 Telangana 501203, India  
 Lat 17.41906° Long 78.219995°  
 Friday, 27/03/2026 03:34 PM GMT +05:30



Hyderabad, Telangana, India  
 C699+mxm, Shankarpalli Rd, Hyderabad,  
 Telangana 501203, India  
 Lat 17.419209° Long 78.22002°  
 Friday, 27/03/2026 03:23 PM GMT +05:30



Hyderabad, Telangana, India  
 C699+mxm, Shankarpalli Rd, Hyderabad,  
 Telangana 501203, India  
 Lat 17.41933° Long 78.220007°  
 Friday, 27/03/2026 03:25 PM GMT +05:30

# PROCEEDINGS



Hyderabad, Telangana, India  
 C699+mxm, Shankarpalli Rd, Hyderabad,  
 Telangana 501203, India  
 Lat 17.419221° Long 78.219947°  
 Thursday, 26/03/2026 04:58 PM GMT +05:30



Hyderabad, Telangana, India  
 C699+MXM, Shankarpalli Rd, Hyderabad, Telangana, India, 501203  
 Lat 17.419229 Long 78.2200982  
 Plus Code: 7J9WC69C+M2  
 Friday, 27/03/2026 03:29 PM  
 +0530

36.23 °C  
 344.0' N  
 9.41 µT  
 3.09 m/s  
 1006 hpa



## VALEDICTORY SESSION

The valedictory session of ICACIML 2026 marked the formal conclusion of the two-day international conference, bringing together distinguished dignitaries, speakers, and participants to reflect on the event's success. The session featured addresses by eminent academicians and dignitaries, including Prof. Vijayalakshmi, Registrar, IFHE, Hyderabad, and Prof. K. L. Narayana, IcfaiTech, IFHE, Hyderabad. They highlighted the conference's significance in fostering research collaboration, knowledge sharing, and innovation in computational intelligence and machine learning.

The distinguished speakers, Prof. Alejandro Masrur, Prof. (Dr.) Diptendu Sinha Roy, Professor, Department of Computer Science, NIT Meghalaya; and Prof. (Dr.) Subhendu Ku. Pani, Professor and Principal, Krupajal Engineering College, Biju Patnaik University of Technology, shared their reflections on the conference deliberations. They appreciated the quality of research presentations and emphasized the importance of continued academic engagement and interdisciplinary collaboration. The valedictory session concluded with expressions of appreciation to all participants, organizers, and contributors for making ICACIML 2026 a successful and impactful academic event.

# ICACIML2026 STATISTICS

S#	DISCRIPTION	DETAILS	PERCENTAGE
1	Total Number of paper Received	513	--
2	Total Number of paper Accepted	93	18.12%
3	Number of Papers Registered	75	14.60%
4	Number of Female Delegates Attended	43	57.33%
5	Number of Research Scholars Attended	29	38.66%
6	Number of P.G. Scholars Attended	14	18.66%
7	Number of U.G. Scholars Attended	32	42.60%
8	Number of Academicians Attended	6	0.80%

## NATIONAL & INTERNATIONAL PARTICIPATION IN ICACIML-2026

Name of the State	Papers	Name of the State	Papers
NEW DELHI	18	ASSAM	22
MEGALAYA	31	UP & BIHAR	43
BIHAR	16	KARNATAKA	27
MAHARASTRA	14	ODISA	25
ANDHRAPRADESH	61	TAMILNADU	25
HARYANA	45	JHARKHAND	23
TELANGANA	67	OTHERS	62
<b>National Level Papers Count</b>			479
<b>International Papers Count</b>			34
<b>Total Submissions</b>			513
<b>Total Number of paper Accepted</b>			93
<b>Total Registrations</b>			75



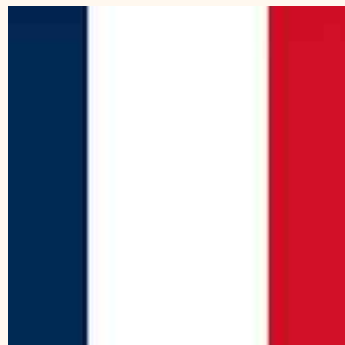
GERMANY PORTUGAL ARGENTINE



MEXICO

INDIA

JAMAICA



DUBAI

FRANCE

USA



CANADA

***LIST OF COUNTRIES DELIGATES  
PRESENTED PAPERS***

Thank  
You!



ICACIML - 2026