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ICOTL 2026 Topics

- Statistical and Machine Learning Algorithms: Classification and Regression Algorithms
- Optimization of objective functions – algorithms and efficacies
- Neural Networks and Support Vector Machines: Shallow and Deep Networks, Auto-encoders
- Pattern recognition, Object Detection and Image analysis
- Stochastic Search Algorithms for Optimum Solutions: Constrained and unconstrained problems, Evolutionary programming and its variants
- Type I and Type II Fuzzy algorithms, Granular computing and rough set
- Optimization in Sustainable and Strategic Problems, Personal and Social problems
- Social and Scale Free Networks: Clustering and Centrality, Applications in Recommender System, Bioinformatics, Disease control, Social Welfare, etc.,
- Text mining: Semantics Analysis, Topic Modeling, Sentiment Analysis, Web Mining
- Transformer and BERT
- Cognitive Neuroscience: Neuro-computing, Perception, Cognition
- Optimization in Finance and Business Management
- All thurst areas

For more details :

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Student Coordinators:

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icotl2026@mits.ac.in

MITS MADANAPALLE

MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE
DEEMED TO BE UNIVERSITY
(Declared Under section 3 of UGC Act, 1956 by Govt. of India - MoE)

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Department of Computer Science & Engineering

Organizes

AICTE Sponsored

2nd International Conference on Optimization Techniques for Learning

ICOTL-2026

AICTE | THE UNIVERSITY OF AIZU 1993

6th & 7th March 2026

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About The College

Madanapalle Institute of Technology & Science (MITS), established in 1998 under the Ratakonda Ranga Reddy Educational Academy, is a premier institution nestled in the scenic surroundings of Madanapalle on a 26.17-acre campus along NH-205. Founded under the leadership of Late Sri N. Krishna Kumar, M.S. (U.S.A.), and visionary Chancellor Dr. N. Vijaya Bhaskar Choudary, MITS has achieved 27 years of academic excellence and has been conferred the status of a Deemed to be University under Section 3 of the UGC Act, 1956 by the Government of India (Notification No. 9-1/2025-U.3(A), dated 15th July 2025). MITS - Deemed to be University is now governed by the visionary and proactive leadership of Dr. N. Vijaya Bhaskar Choudary, the founder and Chancellor. Redefining the education in the international standard, MITS Deemed to be University, now continues to strive with a total commitment and dedication to establish the institution as one of the foremost centers of academic excellence in India. With well-defined strategies and action plans that align with the evolving needs of the globe, MITS Deemed to be University has set forth its educational Odyssey.

About The Department

The Department of Computer Science & Engineering was established in the year 1998. The Department has obtained UGC-Autonomous Status in the year 2014 and is running the UG & PG programmes successfully meeting all the requirements. The programme ensures that the student effectively meets the highest benchmarks of competence required by the industry. Students' forums such as ISTE, IEEE, IEI & CSI were formed mainly to encourage and motivate students to organize various co-curricular activities conducted by the students. The department has been accredited by NBA.

Important Dates

Manuscript Submission	**: 20-01-2026**
Notification for Acceptance	**: 10-02-2026**
Camera-Ready Paper Submission	**: 15-02-2026**
Early Bird Registration	**: 15-02-2026**

About the Conference

The 2nd International Conference on Optimization Techniques for Learning (ICOTL 2026) is a major international conference to bring together researchers, engineers, and scientists from academia and industry working in Machine Learning, Data Science, other relevant domains and their applications in different scientific, technical and social optimization processes. Researchers will meet for discussion, exchanging ideas, opinions, and most importantly to present their latest works and research results. Special sessions on various subjects related to artificial intelligence, soft-computing, intelligent systems, cognitive science, data analysis, IoT are welcome.

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- All the presented papers will be published in conference proceedings with ISBN.
- Presented papers will be published in the google scholar journals at no cost.
- Selected papers will be recommended for scopus indexed journal with additional charges.

Registration Fee (Per Paper)

Category	Indian Author	Foreign Author
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