ABOUT THE UNIVERSITY

The University of Mysore was established and founded on July 27, 1916, as a result of the efforts of the benevolent and visionary Maharaja of erstwhile Princely State of Mysore His Highness Shri Nalvadi Krishnaraja Wadiyar-IV (1884-1940), and the then Diwan Sir M. Visvesvaraya (1860-1962). It was the first University to be accredited by NAAC in 2000 with Five Star Status. The university is now ranked 36th in the India Rankings 2017, NIRF-MHRD, Government of India.

ABOUT THE DEPARTMENT

The Department of Studies in Computer Science was started in the year 1986 with approval from UGC, offering M.Sc, MCA, and M.Tech courses in Computer Science. The department consists of motivated faculty with expertise in research areas like Computer Vision, Pattern Recognition, Machine Learning, Information and Network Security, and Predictive Analytics. The department provides opportunities for the post-graduate and doctoral students to apply their skills in providing service to meet national and international prominence.

ABOUT THE FDP

This FDP aims to offer knowledge about the advancements in AI, ML, and DL and their recent trends in both industry and academia. The advisory and resource person panel consists of eminent scholars in related domains, some of whom have experience in both areas. The topics covered range from fundamentals and underlying mathematical principles to advanced concepts with hands-on sessions.
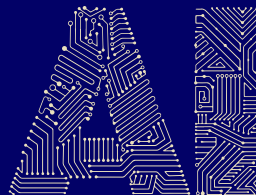
ABOUT ATAL

AICTE is committed to providing quality technical education in the country by initiating various schemes launched by Govt. of India, MHRD. To promote the technical training of the young generation, it has established AICTE Training and Learning (ATAL) Academy, offering unique faculty development programs in various thrust areas of modern technology.

OBJECTIVES

- **To introduce the participants to the principles of Deep Learning through CNN, RNN, and LSTM**
- **To introduce the science behind AI, ML, and DL with underlying mathematical principles**
- **To highlight the challenges in making AI possible in real-time**

TOPICS TO BE COVERED

- **Introduction to ML and DL**
- **Clustering Algorithms**
- **Principles of Neural Networks**
- **Recent Trends in Speech Processing**
- **Advances in Deep Learning**

UNIVERSITY OF MYSORE

AICTE Training and Learning (ATAL) Academy Sponsored Online Faculty Development Program on

Principles of Artificial Intelligence, Machine Learning, and Deep Learning (Advanced)

Organized by the

Department of Studies in Computer Science

November 26-30, 2021

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Hon'ble Vice-Chancellor, University of Mysore

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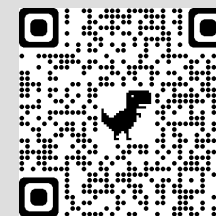
Dr. Vinay
Samsung Electro-Mechanics, Bengaluru

WHO CAN REGISTER

The faculty members of the AICTE approved institutions, Research Scholars, PG Scholars, participants from Government, Industry (Bureaucrats, Technicians, Participants from Industry, etc.), School Teachers, and Staff of host institutions.

In addition to the aforementioned criteria, ATAL also specifies other eligibility criteria, which can be found here:

https://tinyurl.com/uom-atal-fdp

The eligible students can register through the ATAL online portal here:

https://tinyurl.com/uom-fdp-registration

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