About the Department of AI & DS

Globalization, fast paced growth of data and technological advancement has created a lot of career opportunities in the field of Artificial Intelligence & Data Science. AI & DS being an interdisciplinary course is used in almost every sector of technical industry, academics and research.

The Department of Artificial Intelligence & Data Science at B.M.S. College of Engineering was established in the year 2022 with an intake of 60. The department aims to provide quality teaching and learning in the field of Artificial Intelligence & Data Science domain to create the best platform for creative learning and thinking. The department endeavors a good collaboration with industries which are working in AI domain.

The Department aims at:

- Providing holistic development of the students to meet industry and societal needs.
- Promoting self-learning in students by exploring beyond the syllabus content for better learning.
- Promoting research culture and ethical values among students for better opportunities.
- Facilitating Students learning groups in the Area of Data Science, Machine Learning, Deep Learning, Gaming etc.
- Encouraging students to participate in hackathons, co curricular and extra-curricular activities

BMSCE at a Glance

B.M.S. College of Engineering (BMSCE) was Founded in the year 1946 by Late Sri. B. M. Sreenivasaiah a great visionary and philanthropist and nurtured by his illustrious son Late Sri. B. S. Narayan. BMSCE is the first private sector initiative in engineering education in India. Over the past 74 years of its illustrious existence, the institution has produced more than 40,000 engineers/leaders who have enriched the world through their immense contributions for mankind. Started with only 03 undergraduate courses, BMSCE today offers 18 Undergraduate & 16 Postgraduate courses both in conventional and emerging areas. 14 of its Departments are recognized as Research Centers offering PhD/M.Sc (Engineering by Research) degrees in Science, Engineering and Management. The academic performance of the students has been exceptional, more than 90% of the students secure first class/distinction. The institution has an excellent Placement and Training Centre. More than 200 reputed Core/IT/MNC companies visit the campus every year recruiting students from various branches. More than the 90% of the eligible students get placed every year.

ATAL Sponsored FDP on

Artificial Intelligence in Computer Networks

5th - 10th February 2024

Organized By

Department of Artificial Intelligence & Data Science

B.M.S. College of Engineering (An Autonomous Institution)
Bull Temple Road, Bengaluru -19
Phone No.: 080-26622130

Coordinators:

Dr. Indiramma M
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Mrs. Shruthi K R
Assistant Professor,
Department of Artificial Intelligence & Data Science

About FDP

AI & Data science is a deep study of the massive amount of data, generated through various resources like social media, e-commerce, IOT devices, sensors, satellite data, Industrial data, reviews, news, surveillance data which involves extracting meaningful insights from raw, structured, and unstructured data that is processed using the scientific method, different technologies, and algorithms. It is a multidisciplinary field that uses tools and techniques to manipulate the data.

Networking is growing ahead with 5G, 6G, Cloud, and many more. To study the same, it is important to understand the modeling of networks using simulators. AI is an interdisciplinary course, it is been used in networking as well. The objective of FDP is to impart knowledge on the modeling of networks, ns3 with AI, UAV, and VANET models, modeling of underwater sensor networks, and analyzing the performance of routing protocols with AI.

Objectives of the FDP

- To impart knowledge and training on the fundamentals of Modeling of networks using ns3 with AI/ML framework
- To make the participants familiar with ns3 simulator and aquasim-ng
- To enrich the hands-on experience with UAV and VANET Models
- Provides practical foundation level training that enables immediate and effective participation in AI and networking projects

Who can Attend

Faculty members, Researchers, Professionals from industries.

Registration is online through ATAL portal
Registration link
https://atalacademy.aicte-india.org/signup
No Registration Fees

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Registration Form

Name:
Designation:
Date of Birth:
Gender: Male / Female Qualification:
Organization:
Address for Communication:

Mobile No. :
Email ID:
Declaration
I hereby declare that the information furnished above is true to the best of my knowledge.

Date:
Place:

Signature of Participant

Signature of the Head of Institution