ESDP 6 week certificate course on

Artificial Intelligence and Machine Learning for Enhanced Skills in Industries

(25 Nov 2024 -03 Jan 2025)

Organised Jointly by

MSME-Development & Facilitation Office Srinagar Branch, Ministry of MSME, GOI
and
Department of Information Technology, National Institute of of Technology, Hazratbal, Srinagar, J&K

About the Institute

National Institute of Technology Srinagar is one of the premier Educational Institutes in the Northern Regions of the country. It was established in 1960 and has been one of the eighteen Regional Engineering Colleges sponsored by the Govt. of India during the 2nd Plan. The Institute acquired the status of National Institute of Technology with deemed to be University status during August, 2003 and attained full autonomy in its Academics.

About the Department

The Department of Information Technology was established in 2007, offering four year undergraduate programme (B.Tech) in Information Technology. This undergraduate programme is of 4 years duration with the first year spread over two semesters which is common to all the branches. The Department offers a broad curriculum including: Database Management, Software Engineering, Computer Graphics, Computer Networks, Operating System, Data Structures, Algorithms, Artificial Intelligence, Machine Learning, Big data and Cloud Computing as the main courses and other courses in collaboration with the other departments of the institute at the undergraduate level. The department also offers PhD in Artificial Intelligence, Machine Learning, Deep Learning, Cloud computing and other fields. The department has a good placement record since its Inception. The department also also encourages R&D in Information Technology.

Coordinators:

- Dr. Shabir Ahmad Sofi (Dept of IT)
- Dr. M. Mursaleen (Dept of Mechanical Engineering)
- Dr. M.Parveez (Dept of Chemical Engineering)
- Dr. Janib Ul Bashir (Dept of IT)
- Dr. Iqra Altaf Gillani (Dept of IT)
- Ms. Arooj Nissar (Dept of IT)
- Dr. Prabal Verma (Dept of IT)
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Prof. Binod Kumar Kanaujia
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CONVENER
Er. Saheel Alaqband
Assistant Director
BR MSME DFO, Srinagar

Dr. Shabir Ahmad Sofi
Associate Professor & HOD
NIT Srinagar

Important Dates:

Registration:
21 Nov 2024 to 24 Nov 2024

Course Starting date:
25 Nov 2024

Course Ending date:
03 Jan 2025

Course Outcomes:

Through this workshop participants will embark on a journey to gain a comprehensive understanding of key concepts and methodologies in Artificial Intelligence and Machine Learning field. The course focuses on developing practical skills in implementing various machine learning algorithms for both supervised and unsupervised learning tasks. Participants will explore real-world applications of AI and ML across diverse industries, cultivating an awareness of their significance in fields such as healthcare, finance, marketing, agriculture etc. Emphasizing a mindset for continuous learning, the course shall equip participants to stay informed about emerging trends and advancements in the dynamic realm of AI and ML. Upon completion, participants will not only possess a solid foundation in these cutting-edge technologies but also receive certification, validating their expertise in Artificial Intelligence and Machine Learning.

Objective of the Course:

- Develop proficiency in applying Artificial Intelligence and Machine Learning techniques across diverse application scenarios, including healthcare, finance, marketing, agriculture and other industry specific domains.
- Enable participants to design and develop customized machine learning models tailored to specific application scenarios, addressing unique challenges and opportunities in each domain.
- Facilitate cross-domain collaboration, encouraging participants to explore synergies between different application scenarios, fostering innovation through the transfer of AI solutions across diverse-fields.
- Inducing Artificial Intelligence and Machine Learning in different applications to improve their efficiency and outcome.

Registration:

- The Course is open for individual persons, students and graduates from different Colleges and Universities in offline mode.
- Registration is limited to the first 25 relevant applicants. Moreover, accommodation will not be provided for participants.
- Participants must also complete an on-site registration upon arrival , which includes a registration fee of Rs 200.
- Successful candidates will receive a certificate upon completion of the program.

Mode: Offline

Link for Registration

Venue: Dept of Information Technology, NIT Srinagar

https://forms.gle/S2K1bkUBk5QBJ6DMA

Organizing Committee:
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- Mir Yousuf
- Khursheed Bhat
- Iqra Jan
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