

A Short Term Course

on

Artificial Intelligence and Machine Learning for Engineering Applications (AIMLEA-2024)

July 22-26, 2024

Organized by:

Department of Electronics and Communication Engineering National Institute of Technology, Kurukshetra-136119

Patron:

Prof. B.V. Ramana Reddy Director

Co-Patrons:

Prof. Brahmjit Singh Head, SCoE

Prof. Karan Sharma Head, ECED

Convener:

Dr. Poonam Jindal

Coordinators:

Dr. Karamdeep Singh Dr. Hemant Sharma

Important Dates:

Course Dates:

22nd - 26th July 2024

Last Date for Registration:

20th July, 2024

Notification of Selection:

21st July, 2024

Registration form along with course fee (SBI collect receipt) should be uploaded via link:

https://forms.gle/urYRJtYkz 3CD1ast8

Email us at:

stc.ece.nitkkr@gmail.com

For any queries, you may contact us:

Karamdeep Singh: 9915037810 Hemant Sharma: 9462740103

About the course:

In today's rapidly evolving technological landscape, Artificial Intelligence (AI) and Machine Learning (ML) have become indispensable tools for engineers across various domains. This course offers a comprehensive exploration of AI and ML techniques specifically tailored for engineering applications. Participants will delve into the fundamental principles, practical methodologies, and real-world case studies, equipping them with the knowledge and skills necessary to leverage AI and ML effectively in engineering projects. This course adopts a blend of theoretical lectures and practical demonstrations using Python by experts from reputed institutes like IITs, NITs, etc.

Owing to the interdisciplinary nature of this course, participants across the disciplines will be able to attend, appreciate and augment their knowledge to keep with the emerging AI & ML techniques. The STC intends to focus on the following domains, but is not limited to:

- AI & ML -Introduction
- Neural Networks and Deep Learning Architectures
- Convolutional Neural Networks (CNNs)
- Recurrent Neural Networks (RNNs) for Time-Series Data
- Reinforcement Learning
- Generative Adversarial Network (GAN)
- Natural Language Processing (NLP)
- Ethics and Considerations in AI and ML Engineering
- Machine Learning in Communication/Agriculture/ Education
- Case Studies in Engineering Domains (e.g., IoT, Healthcare, etc.) & hands-on on Python

Target audience:

- Faculty of engineering colleges
- Graduate students/Research scholars
- Industry professionals/personnel/scientists working in public/private/Govt. organizations

#Mode of STC: STC will be conducted in **ONLINE** mode.

Registration fee: Academic Faculty: Rs. 800, Students/Research Scholars: Rs. 500, Industry/ R&D: Rs. 2000. The registration form complete in all respect, accompanied by SBI collect receipt of requisite amount should reach the course coordinators (https://forms.gle/urYRJtYkz3CD1ast8) latest by 20th July 2024.

For more details and registration information, visit the website **www.nitkkr.ac.in**

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Artificial Intelligence and Machine Learning for Engineering Applications (AIMLEA-2024) July 22-26, 2024

Department of Electronics and Communication Engineering
National Institute of Technology, Kurukshetra-136119

Name (Block Letters):M/F	
Designation:	
Institution/Organization:	
Experience:	
EducationalQualifications: (Degree):	Specialization:
Mailing address:	
Telephone:	
Email:	
Registration fee Details:	
•	ough SBI Collect. The scanned copy of the SBI ration form has to be uploaded via link
Transaction ID/ Reference ID	Amount
Date of Payment	
Date:	Signature
Place:	

How to Apply

Interested candidates can apply online by clicking the link: https://forms.gle/urYRJtYkz3CD1ast8

Participants details need to be filled and payment details be uploaded by using above link in Google Forms on or before 20th July, 2024.

Registration Deadline: 20th July, 2024.

Note: The participants need to upload (i) Proof of payment (receipt of SBI collect payment) and (ii) Signed copy of registration form by 20th July, 2024.

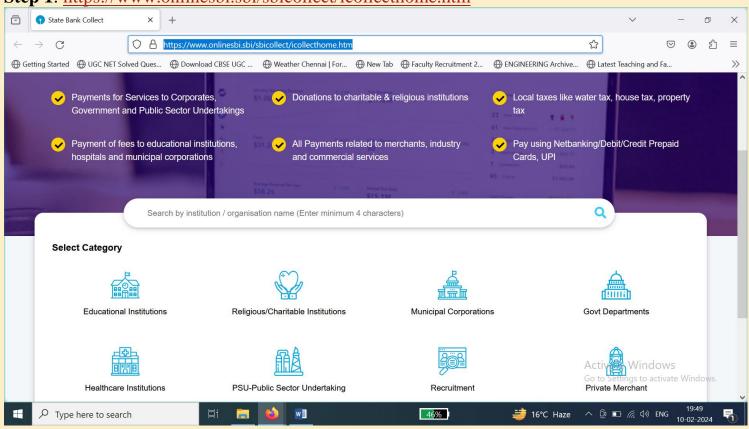
Payment Procedure

The Registration fee can be paid online through SBI Collect. The scanned copy of the SBI-Collect receipt along with filled registration form has to be uploaded via link: https://forms.gle/urYRJtYkz3CD1ast8

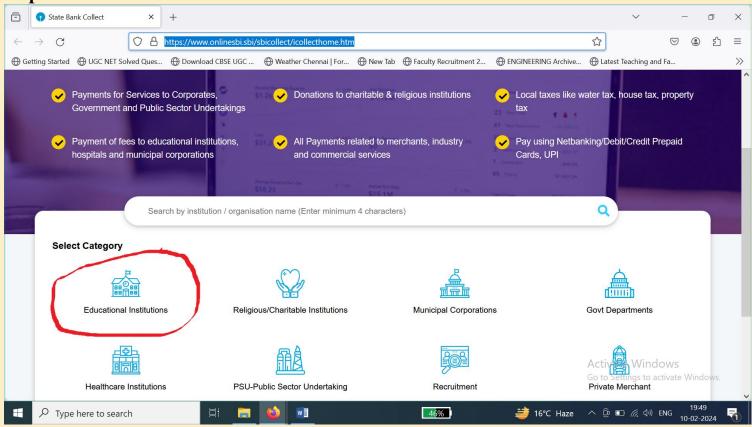
ONLINE Fee Payment Through SBI Collect

- **Step 1**: https://www.onlinesbi.sbi/sbicollect/icollecthome.htm
- **Step 2**: Select **Educational Institutions**
- **Step 3**: Select State **Haryana** and search for **DIRECTOR NIT KURUKSHETRA** in search bar (in left side). Then Select **DIRECTOR NIT KURUKSHETRA** option at the bottom
- **Step 4**: Select Payment Category (**AIMLEA-2024**)
- **Step 5**: Proceed (Fill the requested details & Submit) and take the print out.

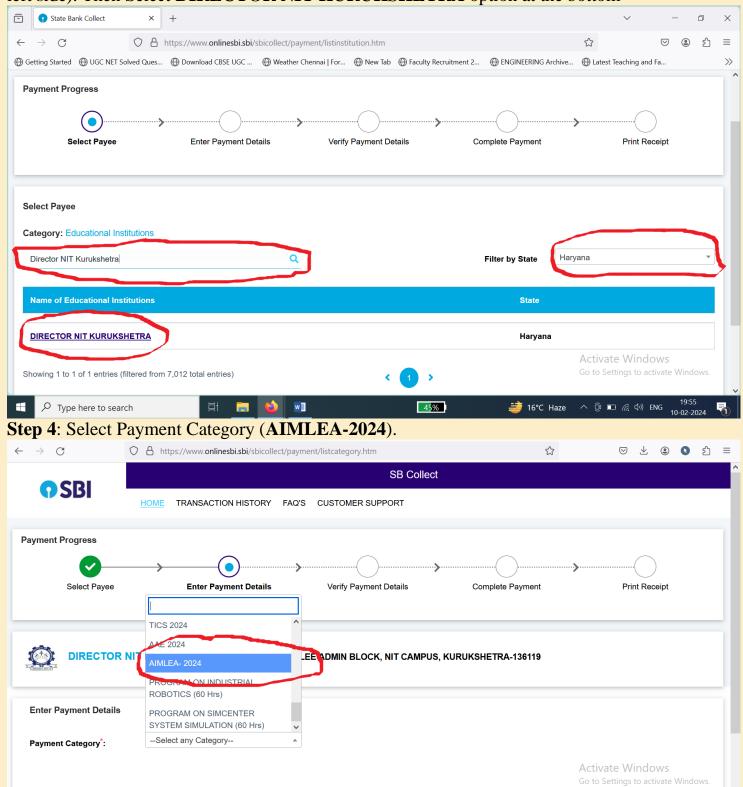
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