A Short Term Course
on
Artificial Intelligence and Machine Learning for Engineering Applications (AIMLEA-2024)
August 10 - 14, 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~~
10th – 14th August 2024

Last Date for Registration:
~~15th July, 2024~~
8th August 2024

Notification of Selection:
~~21st July, 2024~~
9th August 2024

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

https://forms.gle/urYRJtYkz3CD1ast8

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 8th August 2024.

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

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Name (Block Letters):M/F…………………………………………………………………………

Designation: ………………………………………………………………………………………….

Institution/Organization:…………………………………………………………………………..

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Experience:……………………………………………………………………………………………

EducationalQualifications: (Degree):…………………Specialization:………………………

Mailing address:………………………………………………………………………………………

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Telephone:…………………………………………………………………………………………….

Email:…………………………………………………………………………………………………

Registration fee Details:

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

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 8th August, 2024.

Registration Deadline: 8th August, 2024.

Note: The participants need to upload (i) Proof of payment (receipt of SBI collect payment) and (ii) Signed copy of registration form by 8th August, 2024.
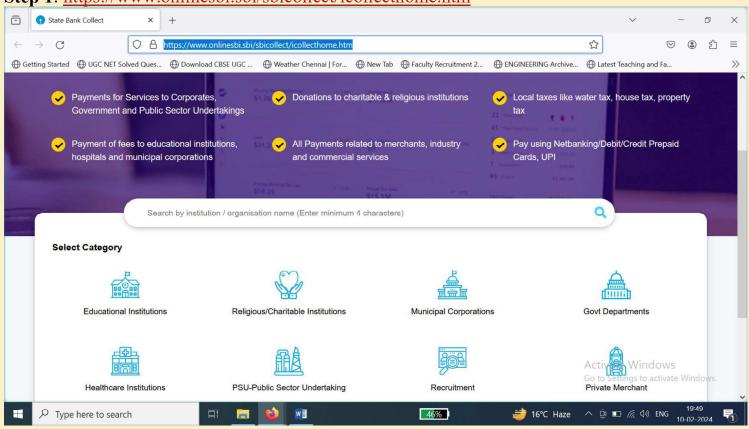
Payment Procedure

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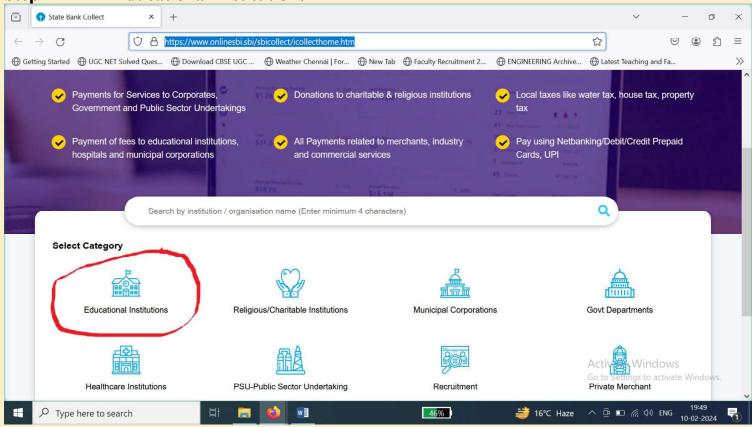
ONLINE Fee Payment Through SBI Collect

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.

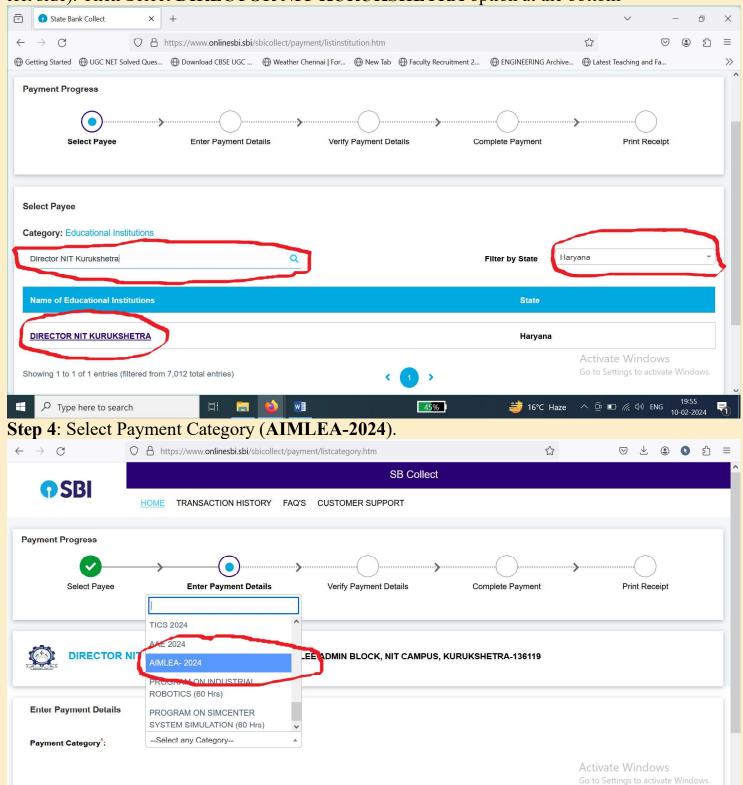**Step 1**: https://www.onlinesbi.sbi/sbicollect/icollecthome.htm

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