

Short Term Course

on

Recent Advances in Optimization Techniques for Engineering Applications (RAOTEA-2024) March 02-06, 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: 02nd-06th March 2024 Last Date for Registration: 25th February, 2024 Notification of Selection: 27th February, 2024

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

https://forms.gle/5PHQk3gMk E8vBJZ88

Email us at:

stc.ece.nitkkr@gmail.com

For any queries, you may contact us:

Karamdeep Singh: 9915037810 Hemant Sharma: 9462740103

About the course:

The main objective of short-term course is to provide a forum in which the participants obtain information about recent advances in optimization techniques. It also highlights successful applications of optimization in various areas. It comprises sessions for the participants to introduce them to a number of modern optimization methodologies and their application/case studies from a wide variety of real world interdisciplinary engineering problems. 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 advanced techniques. The course intends to focus on advances in the following domains, but is not limited to:

- Optimization Techniques –Introduction
- Recent Meta-Heuristics –Ant-Lion Optimization
- Genetic Algorithm (GA), Swarm Intelligence, Ant Colony Optimization (ACO)
- Neural Network and Fuzzy based Optimization.
- AI Enabled Learning based Optimization Techniques
- Guidelines on Publishing Research Papers- Reviewers Perspective, Plagiarism Checking
- Hands-on Training using MATLAB and other Software Tools Python, Java etc.

Target audience:

- Faculty of engineering colleges/institutions
- Graduate students pursuing research in related areas
- Industry professionals/personnel/scientists working in public/private/Govt. organizations

#Mode of STC: STC: online mode.

Registration fee: Academic Faculty: Rs. 500, Students: Rs. 250, Industry/ R&D: Rs. 3000. The registration form complete in all respect, accompanied by SBI collect receipt of requisite amount should reach the course coordinators (https://forms.gle/5PHQk3gMkE8vBJZ88) latest by 25th February 2024.

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

Short Term Course (Online mode)

on

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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:
The Registration fee can be paid online through SBI Collect. The scanned copy of th SBI-Collect receipt along with filled registration form has to be uploaded via link https://forms.gle/5PHQk3gMkE8vBJZ88
Transaction ID/ Reference IDAmount
Date of Payment
Date: Signature
Place:

How to Apply

Interested candidates can apply online by clicking the link: https://forms.gle/5PHQk3gMkE8vBJZ88

Participant's details need to be filled in and payment details be uploaded by using above link in Google Forms on or before 25th February, 2024.

Registration Deadline: 25th February, 2024.

Note: The participants need to upload (i) Proof of payment (receipt of SBI collect payment) and (ii) Signed copy of registration form by 25th February, 2024.

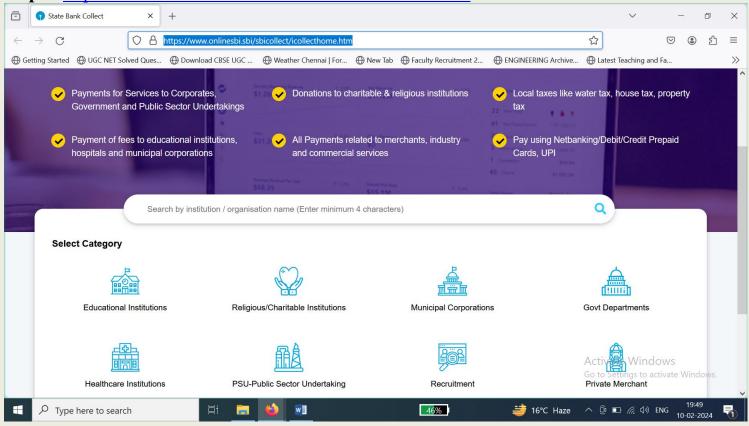
Payment Procedure

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/5PHQk3gMkE8vBJZ88

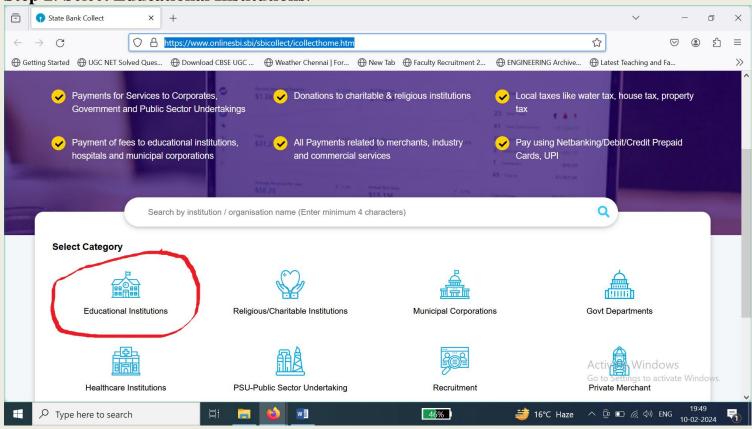
ONLINE Fee Payment Through SBI Collect

- **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 (RAOTEA-2024),
- **Step 5**: Proceed (Fill the requested details & Submit) and take the print out.

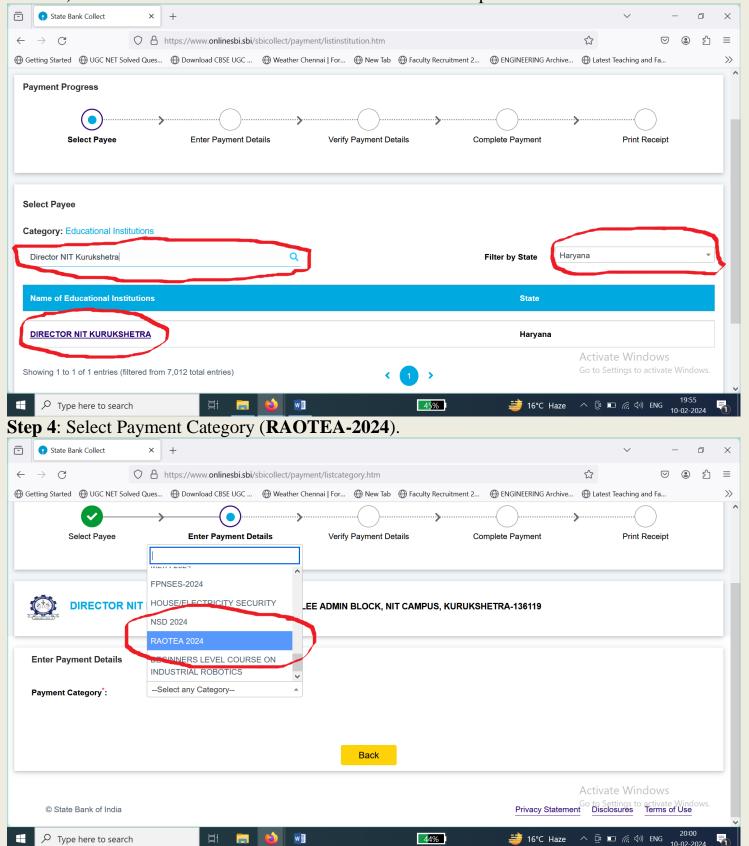
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