Registration Form

1. Name:

2. Designation:

3. Department:

4. Institution:

5. Contact Address:

6. Mobile:

7. Email ID:

_____

*Signature of
Applicant
Date & Place:*

No Objection Certificate

*Dr./Prof./Mr./Mrs...
is a .... of our
Institute and is hereby being permitted to attend
the TEQIP-III sponsored Short Term Course on
"Machine Learning and Application"*

_____

*Signature of the
HOD/ Principal
(Sponsoring Institute)*

About the Institute:

The second oldest engineering college in India, 'Indian Institute of Engineering Science and Technology', Shibpur owes its origin to the erstwhile 'Bengal Engineering College' (popularly known as B.E.College). The Council of Education, Bengal, decided to open Civil Engineering classes and a Professorship in Civil Engineering was created at Hindu College, Calcutta, in the year 1843-44. A College of Engineering was started by the name of Civil Engineering College on 24th November, 1856, in the premises of the Writers Building, Calcutta.

With the establishment of Calcutta University on January 24, 1857, the college was affiliated to this university in May 1857. In 1865, the college merged with Presidency College, Calcutta and from 1865 to 1869 the college functioned as the Civil Engineering Department of Presidency College. In 1880, the college was shifted to its present campus at Shibpur, Howrah, and was christened the 'Government College, Howrah,' in the premises of Bishop's College.

In 1921, the name of the college was changed to 'Bengal Engineering College' (popularly known as B.E.College). In 2004, B.E. College (Deemed University) was converted into a full-fledged university by an act in the West Bengal Assembly and renamed as Bengal Engineering and Science University, Shibpur. In March 2014, Bengal Engineering and Science University, Shibpur was taken over by the Government of India and converted into an Institute of National Importance through an act of parliament and renamed as Indian Institute of Engineering Science and Technology, Shibpur.

IIEST, Shibpur
आई आई ई एस टि, शिवपुर
Erstwhile B E College (Estd 1856)

Short Term Course
on
Machine Learning and Applications

Date: 12th December 2020 to 4th January 2021

Organized by
Department of Electrical Engineering
IIEST, Shibpur, Howrah

Sponsored
By
TEQIP-III

(Ministry of Human Resource Development)

MHRD
Govt. of India

Co-ordinator(s) :
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Patrons:

1. Prof.ParthasarathiChakrabarti, Director, IIEST, Shibpur
2. Prof.Sudip Kumar Roy, Dean–Academic, IIEST, Shibpur
3. Prof.Subhasis Bhaumik, Dean - Research & Consultancy, IIEST, Shibpur
4. Prof.Debabrata Mazumder, Dean - Student welfare, IIEST, Shibpur
5. Prof.Kalyan Kumar Bhar, Coordinator, TEQIP III, IIEST, Shibpur
6. Prof. Prasid Syam, Head, Department of Electrical Engineering, IIEST, Shibpur
7. Prof.Amborish Ghosh, Head, Department of Civil Engineering, IIEST, Shibpur

Brief Description:

This short term course along with hands on training programme has been primarily designed keeping in mind the requirements of the higher semester UG/ PG students and the faculty members of the the TEQIP III twining partners of IIEST, Shibpur. The Shallow and Deep Machine learning algorithms encompassing the applications in the field of Electrical Engineering will be covered. Individual insights of the algorithms supported by rigorous online hands on using MATLAB and Python are the key features of the proposed course. An introduction on MATLAB/ SIMULIK has been integrated for the beginners.

Content:

- Introduction to MATLAB/ SIMULINK
- Introduction to ANN and Machine Learning (ML).
- Data Mining: Theory and Applications
- Introduction to Deep Learning (DL)
- Hands on Training on
  - ✓ ANN and Machine Learning using MATLAB and Python
  - ✓ DL in Image and Signal Processing
  - ✓ Hardware implementation of DL

Probable Speakers:

- Dr. Paramita Chattopadhyay, Associate Professor, EE, IIEST Shibpur
- Prof. Aparjita Sengupta, Professor, EE IIEST Shibpur
- Prof. Jaya Sil, Professor, CST, IIEST Shibpur
- Prof. Asit Kr. Das, Professor, CST, IIEST Shibpur
- Dr. Ujjwal Saha, Assistant Professor, CE, IIEST Shibpur

Probable Participants:

Seminar mainly focuses on Faculty/Research scholars/PG and UG students of Colleges and Universities and Persons from Government officials interested in this field.

Registration:

Delegates are requested to register in advance by filling up the google form, link of which is mentioned below. They are also requested to submit the duly filled up registration form on the first day of the course.

https://docs.google.com/forms/d/e/1FAIpQLSdDgW_Er1f0fIG4poNkZFKOMY3d7BEObrjHUN4Riecs9cu3nA/viewform?usp=pp_url

Registration Fee:

NIL

Note: Participation certificate will be provided to the registered participants with successful completion of the course.

Important Dates:

Last date of application through google form: 10thDecember, 2020.
Confirmation of participation through mail: 11thDecember, 2020.

Address for communication:

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