

Chief Patron:

Prof. Pramod Kumar Jain
Director, IIT(BHU), Varanasi

Patrons:

Prof. Rajiv Prakash, Dean (R&D), IIT(BHU)
Prof. A. S. K. Sinha, Dean (AA), IIT(BHU)

Tentative Speakers

Dr. D Datta, BARC Mumbai

Prof. S V Rao, IIT Guwahati

Prof. K K Shukla, IIT(BHU)

Shri. S. Mohanty (Edge Verve Systems Ltd)

Dr. T Datta, IIT (BHU)

Dr. H P Gupta, IIT(BHU)

Convener:

Prof. T. Som

Co-Convener:

Dr. S.Mukhopadhyay

Organizing Committee:

Prof. T Som, HOD

Prof. L P Singh

Prof. S Das

Prof. R Srivastava

Prof. S K Pandey

Prof. S K Upadhyay

Dr. Rajeev

Dr. A Gupta

Dr. A Banerjee

Dr. V K Singh

Dr. D Ghosh

Dr. R K Pandey

Dr. Sunil Kumar

Dr. L Selvaganesh

Dr. V S Pandey

Prof. P Ghosh, QIP Cell, IIT(BHU)

Prof. B K Srivastava, Chairman, QIP Cell

About the city

The holy city of Varanasi is known as the city of temples and oriental learning. It is a place of great historical and cultural importance. This religious capital of India is situated on the bank of the holy river Ganges and is famous for temples of Lord Shiva, Buddha (at Sarnath) and Sankat Mochan etc. Varanasi is the premiere most place of oriental learning also. Simultaneously it is keeping pace with modern advanced knowledge. The city is reputed for silk fabrics, perfumes, artistic brass and copper wares and a variety of handicrafts. This vibrant city with multiple dimensions of knowledge and liberation has a magnetic attraction for people all over the world.

**Route to Varanasi**

The city of Varanasi is well connected by road, rail and air with all the important places of India. Regular flights are there from Varanasi to Delhi, Mumbai, Chennai, Bangalore, Khajuraho and Lucknow. The Indian Institute of Technology Banaras Hindu University campus is only 8 Km from Varanasi Cant and 20Km from Mughalsarai railway station and 35 Km from the airport.

Accommodation

Accommodation and local hospitality will be provided to the teachers in the guest house/ hostel on partial/no charges and scholars in hostel free of charges.

**Continuing Education Program on****Deep Learning**

(CEPDL – 2018)

December 12-17, 2018



Organized by

**Department of Mathematical Sciences
jointly with**

**Department of Computer Science and
Engineering**

**Indian Institute of Technology
(Banaras Hindu University)**

Varanasi – 221005,

India

CEP on Deep Learning

A CEP on Deep Learning in collaboration with CSE Dept. of IIT (BHU) is scheduled at Dept. of Mathematical Sciences, IIT (Banaras Hindu University), Varanasi during December 12-17, 2018 under the aegis of IIT (BHU). This course is aimed at providing an opportunity to young faculty and research scholars from Universities/Colleges of India to the theoretical aspects as well as the Industrial experience of high level experts in the field of deep learning.

Background

Deep learning is an advance area of Machine Learning research. Deep Learning has been introduced with the objective of approaching Machine Learning closer to one of its original goals i.e. Artificial Intelligence. Deep learning is one of the latest rapidly growing technologies, lying at the intersection of computer science and statistics, and at the core of the artificial intelligence and data science. Recent progress in deep learning has been driven both by the development of new learning algorithms and theory and by the ongoing explosion in the availability of online data and low-cost computation. Deep learning architectures such as deep neural networks, deep belief networks and recurrent neural networks have been applied to various related areas including computer vision, speech recognition, natural language processing, audio recognition, machine translation, social network filtering, bioinformatics and drug designing etc. Each of these areas has great research potential. This course includes both theoretical lectures and hands on practice sessions on topics related to deep learning so

as to equip the participants with the basics to current trend of research on this area.

About the Department

The Department of Mathematical Sciences, IIT (BHU), Varanasi, earlier known as Applied Mathematics has been functioning since 1968, caters to the needs of the undergraduate as well as post graduate students of the Institute and the five year integrated M. Tech course in Mathematics and Computing of the department. The Department has an encouraging record in research work and guidance with more than 200 Ph.D.s and over 1500 research publications in the journals of national and international repute.

Contact details

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Registration Fee

Faculty: Rs.6500 Scholars : Rs.5000
Industry: Rs.8000 Industry (Executive): Rs.12000

Note: The registration fee along with GST @18% to be paid online to the account will be informed to the selected candidates. This fee includes a kit containing the study material, workshop lunch, tea & snacks. Candidates with adequate basic knowledge of machine learning will be preferred.

(Last date for submission of completed Registration form to the Course Convener, CEPDL : Nov 26, 2018)

Invitation to selected participants by Nov 30, 2018.

Continuing Education Program (CEP) on

DEEP LEARNING

Dec 12-17, 2018

Application Form

1. Name (block letter):
2. Designation & pay scale:
3. Organization:
4. Address for communication:
Pin code: Ph. No.:
Fax No. E-mail:
5. Highest Academic Qualification:
6. Specialization:
7. Experience in ML (in years):
(a) Teaching: (b) Research:

Please register me for the course on Deep Learning to be held at IIT (BHU) Varanasi.

Place:

Date:

Signature of the applicant

FORWARDING

Prof./Dr./Mr./Ms./Mrs./_____ is a faculty/ research scholar/ an employee of our organization and his/her application is hereby forwarded. The applicant will be permitted to attend the `CEP on Deep Learning_ at IIT (BHU) Varanasi during Dec 12-17, 2018 if selected.

Date:

Signature of Forwarding Authority

Designation:

Official Seal