



# Indian Institute of Information Technology, Nagpur

Waranga, Butibori, Nagpur – 441108

[www.iiitn.ac.in](http://www.iiitn.ac.in)



## Call for Participation in Online Six Days Short Term Training Program On

### “Fundamental of Deep Learning: Dive into Deep Learning”

FDL - 2022

14<sup>th</sup> to 22<sup>nd</sup> March 2022

Organized by

**Department of Computer Science & Engineering & Institute Innovation Council, IIIT Nagpur**

Sponsored by

**QIP, AICTE, New Delhi**

#### About IIIT Nagpur

Indian Institute of Information Technology Nagpur (IIITN), is one of the Indian Institutes of Information Technology (PPP) in the country, set up with the objective of making available facilities for higher education, research and training in various fields of Information Technology. To address the challenges faced by the Indian IT industry and growth of the domestic IT market, the MoE, Government of India has established IIIT's. IIIT Nagpur is established in the year 2016 by the MoE, Government of India, Government of Maharashtra and Industry Partner Tata Consultancy Services (TCS), Mumbai. IIITN currently offering B. Tech. and PhD. programs in CSE and ECE.

#### STTP Objective

- To understand the foundation & innovation of Deep Learning
- To meet growing needs of Deep Learning among the faculty and students
- To build the innovative Deep Learning Applications using Deep learning libraries

#### STTP Contents

- Preliminaries – maths
- Linear Neural Networks, Multilayer Perceptrons
- Deep Learning Computation
- CNN, Modern CNNs, RNN, Modern RNNs
- Attention Mechanisms, Optimization Algorithms
- Computational Performance, Computer Vision
- NLP: Pretraining, applications

#### Important Points

- Last Date of Online Registration: 11<sup>th</sup> March 2022
- Intimation to participants: 12<sup>th</sup> March 2022
- Registration through Google Form :  
<https://tinyurl.com/qipsttp>
- No registration Fees for the participants
- Three sessions / day through Cisco Webex

#### About QIP

The Government of India launched the Quality improvement Programme (QIP) in the year 1970. One of the main objectives of the programme is to upgrade the expertise and capabilities of the faculty members of the degree level institutions in the country. The programme is now being implemented and monitored by AICTE. QIP only sponsor teachers to pursue Master's / Doctoral degree to imbibe the culture of research and better teaching in them. IIIT Nagpur offers PhD program through QIP in CSE.

#### IIC IIIT Nagpur

Chairman – Dr. A. G. Kothari

Convener – Dr. Aatish Daryapurkar

#### Target Audience

Faculty of Engineering or interdisciplinary Departments with M. Tech. / PhD / PDF / research scholar from AICTE approved institutions.

#### Eligibility

Applicants must belongs to UGC recognized university / Deemed university / AICTE approved colleges / Institutes of national importance or Research Institutes only can apply for the STTP.

Registration will be done strictly on **First Come First Serve (FCFS)** basis.

#### STTP Coordinator(s)

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