Deep Learning and Applications
August 23 - September 3, 2021

organized by
IIT Guwahati, IIT Kanpur, IIT Roorkee, MNIT Jaipur, NIT Patna, NIT Warangal and PDPM IIITDM Jabalpur

Course Contents
- Introduction to deep learning
- Deep Convolutional Neural Networks and Applications in classification, object detection
- Moving object detection, emotion detection, semantic segmentation using CNN
- Recurrent neural networks for natural language processing, machine translation, image captioning etc.
- Autoencoder, Generative Adversarial Networks and their applications
- Python programming, Tensorflow and Keras for implementation of deep learning algorithms
- Research trends in deep learning.

Features
- Instructor led online training sessions
- 3-4 hours per day in the afternoon to evening
- Rigorous Hand-on (practice) sessions on deep learning algorithm implementation
- Special sessions on Python programming for deep learning
- Specific industry-led sessions
- Opportunities to connect with expert for research orientation

Joint Principal Coordinator
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Registration Details
Registration link - http://www.nitp.ac.in/ict/deeplearning.php#

Online payment details:-
Account Name: NIT Patna
Bank Name: INDIAN BANK
A/C No.: 50380476798
IFSC Code: IDIB000B810
Branch: NIT Patna Branch, Patna, Bihar

Last Date to apply: August 18, 2021

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