Registration Form
5 Day Short-Term Training Program on
"Applications of Deep Learning in Multidisciplinary Area"

1. Name of the Participant : …………………...

   ……………………………………………………

2. Gender   :   Male/Female

3. Designation : ………………………………

4. Qualification : ……………..…………………

5. Organisation : ………………………………

6. Division/Department : ……………………..

7. Contact Address : ………………………..

   ……………………………………………………

   ……………………………………………..........

8. Contact No : …………………..………………

9. Email ID : ...……………………………………

10. Course Fee Details: ………...………………

Declaration

The above information is true to the best of my knowledge and belief. I will attend 5 day Short-Term Training Program for the entire duration.

Place :   Signature of the Participant
Date   :

Sponsorship Certificate

Mr./Ms./Mrs./Dr. …………………………………
……………………………………………..is an employee of our organization/institute and sponsored (permitted) to attend 5 Day Short-Term Training Program on "**Applications of Deep Learning in Multidisciplinary Area**" from 1st – 5th July 2024.

Signature of Head of the Institute /
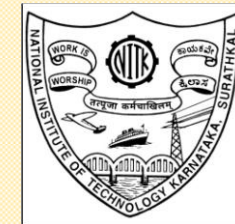Organization with seal.

Place :

Date :

Sample Course Content

- Introduction to Convolutional Neural Networks (CNN) and its applications. Lab Session on Image Classification using 2D-CNN.
- Introduction to Long Short-Term Memory (LSTM), Bidirectional LSTM (BiLSTM) and their applications. Lab Session on LSTM and BiLSTM. .
- Introduction to Hopfield Neural Networks and their Applications. Lab Session on Pattern Recognition with Hopfield Neural Networks.
- Introduction to Generative Adversarial Networks and its Applications. Lab Session on Generative Adversarial Networks.
- Transfer Learning, its Applications and Image Classification using Transfer Learning.

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5 Day Short-Term Training Program on
"Applications of Deep Learning in Multidisciplinary Area"

1st – 5th July 2024
Mode : Offline

Organizers (Coordinators)
Dr. Jaidhar C. D.
Department of Information Technology
National Institute of Technology Karnataka
Surathkal - 575025
and
Prof. Debashisha Jena
Department of Electrical and Electronics Engineering
National Institute of Technology Karnataka
Surathkal - 575025

About NITK Surathkal

NITK Surathkal is a premier Institute engaged in imparting quality technological education and providing support to research and development activities. NITK is recognized as an Institute of National Importance by an act of Parliament. NITK has carved a niche for itself among the best technical institutes in India. NITK offers 11 UG, 26 PG programs and Ph.D. programs.

Department of Information Technology

Department of Information Technology was established in June 2000. The department offers undergraduate programs B.Tech. in Information Technology, and B.Tech. in Artificial Intelligence, Postgraduate program M.Tech. in Information Technology, M.Tech. by (Research) and Doctoral Program (Ph.D.).

Objectives of the Short-Term Training Program

The aim of this 5 Day Short-Term Training Program (STTP) is to bring together Postgraduate Students, Ph.D. Research Scholars, Faculties, Officers and Engineers those who are interested to know more about Applications of Deep Learning. It will be a platform for enriching knowledge on Deep Learning concepts and it would enable the participants to gain a comprehensive understanding of applications of Deep Learning in multidisciplinary area.

Eligibility and Selection Criteria

This 5 Day Short-Term Training Program is open to M.Tech. students, Ph.D. research scholars, Faculties, Scientists, Officers and Engineers. Selection of the participants based on first come first served.

Course Fee and Registration

- **For each participant, course fee is of Rs. 5000/- (Five Thousand) + 18% GST (Rs. 900/- Nine Hundred)** should be paid to

Account Name	:	NITK Surathkal
Account Number	:	37772503911
Bank	:	State Bank of India
IFSC Code	:	SBIN0002273
Brach Code	:	2273

- Course fee should be paid only to aforesaid bank account through NEFT or IMPS.
- Interested participants are requested to send the signed registration form as per the given format and duly forwarded by the competent authority of the applicant to STTP coordinator on or before 1st July 2024 morning 10:00AM (Spot Registration) and should submit hardcopy of the same at the time of spot registration.
- **Number of participants limited to 35**.
- **No Accommodation and No TA/DA** for participants. However, participant can check with NITK Guest House concerned staff to know availability of accommodation at NITK. If available, they have to make their own arrangement by paying room rent as per institute norms.
- **NITK Guest House contact details:** https://www.nitk.ac.in/guest-house 0824-2473820, 0824-2474065

. Important Dates

- Last date for receipt of registration form and sponsorship certificate with course fee details on 1st July **2024 10:00 AM (Spot Registration).**

Participation Certificate

Participation certificate will be issued to the participants after attending the complete 5 Day Short-Term Training Program.

Venue of the 5 Days Short-Term Program

Department of Information Technology
National Institute of Technology Karnataka
Surathakal, Srinivasa Nagar (Post), Mangalore
Karnataka (State).

Address for Correspondence

Dr. Jaidhar C. D.
Coordinator of
5 Day Short-Term Training Program on
"Applications of Deep Learning in Multidisciplinary Area"
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National Institute of Technology Karnataka
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