

Registration Form

Amended TEQIP Phase-III Sponsored

5 Day Short-Term Program on

**“Applications of Data Mining and Deep Learning
Techniques in Multidisciplinary Area”**

1. Name of the Participant:
2. Gender : Male/Female
3. Designation :
4. Qualification :
5. Organisation :
6. Division/Department :
7. Nature of Job :
8. Contact Address :
9. Contact No :
10. Email ID :
11. Demand Draft Date and Number

Declaration

The above information is true to the best of my knowledge and belief. I shall attend the 5 days short-term program for the entire duration.

Place : Signature of the Participant
Date :

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 9 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 course B.Tech. in Information Technology, Post Graduate course M.Tech. in Information Technology, M.Tech. by (Research) and Doctoral Program (Ph.D.) Current research activities of the department include Data Mining, Webservices, Distributed Computing, Semantic Web, Databases, Software Aging, Virtualization, Soft Computing, Wireless Sensor Networks, Computer Networks, Network Security. Information Security, Internet of Things (IoT).

How to Reach NITK Surathkal

NITK is located at Surathkal, 20KMs north of the city of Mangalore and is well connected by Air, Rail and Road. The nearest Airport is situated at Bajpe (about 12KMs from Mangalore) and the nearest Railway station is Surathkal (3KMs). The NITK campus is situated right on National Highway 66 and there are frequent buses from Mangalore.

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5 Day Short-Term Program

on

**“Applications of Data Mining and
Deep Learning Techniques in
Multidisciplinary Area”**

24th – 28th June 2019

Venue: Information Technology Department

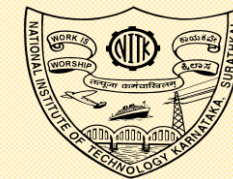
NITK Surathkal-575025



Organizers (Coordinators)

Dr. Nagamma Patil

Dr. Jaidhar CD



Organized by

Department of Information Technology
National Institute of Technology Karnataka
Surathkal - 575025

Sponsorship Certificate

Mr./Ms./Mrs./Dr.
.....is an employee/student
of our organization/institute and sponsored
(permitted) to attend 5 Day Short-Term Program on
“**Applications of Data Mining and Deep Learning Techniques in Multidisciplinary Area**” from 24th – 28th June 2019.

Signature of Head of the Institute/Organization
with seal.

Place : Date :

Venue of the 5 Day Short-Term Program

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

Address for Correspondence

Dr. Nagamma Patil / Dr. Jaidhar CD
Organizers (Coordinators) of
5 Day Short-Term Program on
“**Applications of Data Mining and Deep Learning Techniques in Multidisciplinary Area**”
Department of Information Technology
National Institute of Technology Karnataka Surathkal,
Srinivas Nagar (PO), Mangalore, Karnataka (State),
Pin-575025, Phone - (0824) 2473559/2473553
Email : sectrapro2018@gmail.com

Objectives of the Short-Term Program

The aim of this 5 days short-term program is to bring together Post Graduate Students, Ph.D. research scholars, Faculties/Officers/Engineers those who are interested to know more about Applications of Machine Learning and Deep Learning. It will be a platform for enriching knowledge on machine learning concepts and it would enable the participants to gain a comprehensive understanding of applications of machine learning in Multidisciplinary.

Course Content

- Introduction to Data Mining and its applications.
- Need of Dimensionality Reduction Techniques and applications of Filter-based and Wrapper-based Feature Selection Techniques in selecting the best attributes. Hands on Features Selection Techniques
- Applications of Supervised Machine Learning-based Classifiers with Hands-on.
- Applications of Un-Supervised Machine Learning-based Classifier with Hands-on.
- Introduction to Deep Learning models and their importance in solving complex real-world applications.

Note: All Practical Sessions will be conducted using Open Source Tools.

Eligibility

The programme is open to faculty, students (B.Tech. and M.Tech.), and Ph.D research scholars of AICTE/UGC approved Engineering Colleges/ Technical Institutes. Number of participants limited to 30.

Registration Fee

- Registration Fee Rs. 1475 (1250+18%GST). Demand Draft should be drawn in favor of "Director NITK Surathkal".
- No Registration Fee for NITK Surathkal students / research scholars / faculty members.
- Interested participants are requested to send the signed registration form as per the format given and duly forwarded by the competent authority of the applicant with Demand Draft (DD) to short-term program coordinator(s) on or before 20th June 2019 either through Email or by post.
- **Number of participants limited to 30.**
- **No Accommodation and No TA/DA** for participants. However, accommodation may be available **on chargeable basis** at NITK Surathkal Guest House or International Hostel (IH) of NITK Surathkal.
- Working Lunch/Refreshments would be provided to the participants at short-term program venue only from 24th – 28th June 2019.