

Registration Form

Faculty Development Program

Deep Learning Theory and Practice

Department of Computer Science & Engineering
Govt. Engg. College Thrissur, Ramavarmapuram

(January 29th - February 3rd, 2024)

- Name of the Participant :
- Gender : Male Female
- Date of Birth. :
- Address for communication :
- Contact No & email-id :
- Designation :
- No. of Years of experience. :
- Official Address :
- Accommodation Needed. : Yes. No
- Diet : Veg Non Veg
- Signature with date :

Declaration

I declare that the information furnished herewith is true to the best of my knowledge and belief. I agree to abide by the rules and regulations governing the course. If I am selected, I shall attend the course for the entire duration.

Signature of the applicant:

Sponsorship

This is to certify that Dr./Mr./Ms..... is a faculty member of our institution and is hereby sponsored for the Faculty Development Program on Deep Learning Theory and Practice at Govt. Engineering College, Thrissur, Ramavarmapuram. The applicant would be permitted to attend the course, if selected.

Signature of Head of Institution

Office Seal

Important Dates

- Last date of Online Registration : 22-01-2024
- Intimation of Selection by e-mail : 24-01-2024

Who can Apply

Faculty members from Engineering Colleges affiliated with APJ Abdul Kalam Technological University, Faculty members from Polytechnics and Research/PG Scholars are eligible to attend the programme. The programme is interdisciplinary.

How to Apply

To register, please fill out the Registration form before the last date:

<https://forms.gle/AxYSBaCGbr91gVCm8>



Additionally, department candidates are required to apply through the DTE Training Portal:

<http://admissions.dtekerala.gov.in/tpms/homeOA>



No registration fee for faculty members from Govt./Aided/Govt. Controlled institutions. A nominal fee of Rs. 1000/- applies to faculty from private self-financing colleges and industry professionals. Here is the QR code for payment.



Candidates need to submit a scanned Registration Form and a duly signed Sponsorship Certificate from the Head of the Institution. Faculty members from self-financing colleges and industry professionals must also upload the proof of registration fee payment.



DTE SPONSORED SIX DAYS FACULTY DEVELOPMENT PROGRAMME

ON

DEEPLARNING THEORY AND PRACTICE

29th January to 3rd February, 2024

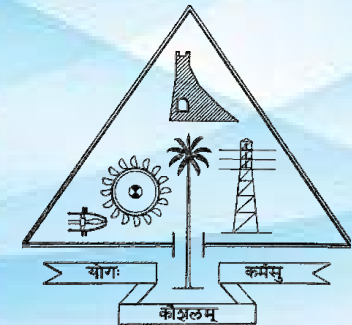
Organized by

DEPARTMENT OF COMPUTER SCIENCE AND
ENGINEERING
GOVT. ENGINEERING COLLEGE THRISSUR

RAMAVARMAPURAM P.O.

THRISSUR-680009

www.gectcr.ac.in



About the Institute

Government Engineering College Thrissur (GEC Thrissur) formerly Government Engineering College Trichur, an ISO 9001:2008 certified institution was established in the year 1957 with under graduate programmes in Civil, Mechanical and Electrical engineering branches. Currently it is one of the most sought after college in engineering education with seven full fledged under graduate programmes, six part-time undergraduate programmes, sixteen post graduate programmes and Ph.D. research programmes in Engineering. Also offers Undergraduate and Post Graduate programmes in Architecture and Post-graduate programme in Computer Applications (MCA). The college is recognized by the All India Council for Technical Education (AICTE), Council of Architecture (COA) and programmes are accredited by the National Board of Accreditation (NBA).

About the Department

Department of Computer Science and Engineering offers Undergraduate and Postgraduate programmes in Computer Science and Engineering. Computer Science and Engineering Department started in 1984. As such, this is one of the oldest departments in this field in Kerala and since its inception it has been keen in producing professionals of unmatched quality. The department started Post Graduate programme in 2011 and NBA Accredited for the periods 2012-14 (UG), 2017-2020 (UG), 2020-23 (UG) and 2023-26 (PG & UG). It has consistently fulfilled its role of producing Computer Engineers ready to satisfy the needs of the IT world. We are the First Computer Science and Engineering Department in a tier II college in Kerala to achieve PG Accreditation.

About the Course

The systems capable of learning from data are referred to as Machine Learning and Deep Learning. They possess the capability to enhance their performance autonomously, without explicit instructions. Consequently, deep learning is widely recognized as a significant contributor in the realm of Artificial Intelligence (AI). Deep learning is a class of machine learning that involves the operations of massive artificial neural networks called deep neural networks.

The objective of the FDP is to discuss various Deep Learning algorithms and their applications. It helps the participants to understand the concepts of deep learning techniques and their applications in various domains. This course also focused on the implementation of Deep learning techniques in various research areas.

Outcome:

The proposed FDP would provide an understanding of the concepts of Deep learning with a focus on the latest trends. The participants will be given a thorough understanding of the Deep Learning techniques. It enables the participants to apply Deep Learning techniques in real-world scenarios and solve complex problems efficiently.

Co-ordinators

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Resource Persons:

Eminent Professors from reputed colleges in Kerala. International Researchers in the field of human brain computing.

Topics Covered:

- Introduction to Neural Networks
- Linear Transformations behind Neural Networks
- Probabilistic Models of Neural Networks
- Convolutional Neural Networks
- Digging it deeper for better mental health
- Neural Networks for NLP, LLM
- Generative AI, Graph Neural Networks
- RNN, LSTM
- Transformer Model and Attention Mechanism



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