

ABOUT THE COLLEGE

GKM College of Engineering and Technology is an ISO 9001:2015 certified institution, accredited by NAAC with A grade. Our institution is one of the finest Engineering Institution, which imparts 10 UG and 16 PG Programs on various disciplines. Our campus is beautifully designed with spacious infrastructure and accommodated with well-equipped laboratories. The college campus is situated about 5 km south-east of Tambaram Railway Station and 3.3 km from Perugalathur. Our institution is affiliated to Anna University Chennai and approved by AICTE, New Delhi, since 1996.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was started in the year 1996, which imparts B.E in Electronics and Communication Engineering, M.E in Communication system, M.E. in Digital Signal Processing and M.Tech in Nano Science Technology.

SCOPE OF THE PROGRAMME

The objective of the program is majorly focused on Deep Learning and Image processing technologies to facilitate the requirements of Healthcare and Industrial Control applications. The fundamental key theories and technological advancements of the above mentioned technologies will be predominantly discussed. To understand and acquire better knowledge of the same, real time examples will be demonstrated.

Deep Learning is one of the most rapidly growing research areas which have a pronounced utility in multiple disciplines of Engineering and Technology. Furthermore, the Image processing tools had become prominent among various technological developments. Henceforth, this workshop will be useful for Engineers and technologists, who work on the prime modules of various technological projects.

ABOUT IEEE CONTROL SYSTEM SOCIETY

IEEE Control system society is an organizational unit of IEEE. IEEE CSS works on the advances and theory of systems and control. IEEE CSS has many chapters across the globe. We in IEEE Madras Section started Madras chapter in the year 2012. Since its inception various activities on control system domain are organized by the Chennai chapter. One such program on workshop on medical applications is sponsored by IEEE Madras chapter and organized by GKM College Chennai. There are more than 50 student/academia/industry members in the IEEE CSS Chennai chapter

OFFICE BEARERS OF IEEE CSS MADRAS CHAPTER

Dr. T. Thyagarajan - Immediate past chair
Dr. R. Hariprakash - Chair,
Dr. Renganath Muthu - Vice Chair
Dr. N.S.Bhuwaneswari - Secretary,

COURSE CONTENTS

- Introduction to Machine learning & Deep learning.
- Applications of deep learning in Healthcare systems.
- Application of deep learning in industrial control systems.
- Case studies on image processing for biomedical applications.
- Advances in Medical image processing techniques.

RESOURCE PERSONS

1. **Dr. U. Sabura Banu**
Professor, B.S. Abhur Rahman Crescent Institute of Science and Technology
2. **Dr. B. Hema Kumar**
Assistant Professor, Pondicherry Engineering College
3. **Dr. D. Balasubramaniam**
Associate Professor, GKM CET

ORGANIZING COMMITTEE

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CEO, GKM Group of Institutions

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Electronics and Communication Engineering,
GKM CET

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Assistant Professor,
Electronics and Communication Engineering

Mrs. N.LEELA

Assistant Professor,
Electronics and Communication Engineering

Mr. DON BOSCO

Assistant Professor,
Electronics and Communication Engineering

VENUE

Conference Hall, Hi-Tech-Block
GKM College of Engineering and
Technology

REGISTRATION FORM

Name :
Designation :
College/
Organization :
Age & D.O.B. :
Gender :
Email :
Mobile :
Institution Address:

Date:

Signature of the Participant

Signature & Seal of the Principal

ELIGIBILITY

The Workshop is open to Faculty members from AICTE/UGC approved academic institutions / Research Scholars/ UG & PG students working in the relevant field. Total number of participants is restricted to 60.

REGISTRATION

IEEE Student
& Faculty Members: Rs. 300/-
Non IEEE Student: Rs. 500/-
& Faculty members
Research Scholars: Rs. 750/-
Industrial professionals: Rs. 1000/-

HOW TO APPLY

The applicants can send their registration form through email to the coordinator in the prescribed format through their Principal to reach us on or before due date 24.09.2019.

ADDRESS FOR COMMUNICATION

The Coordinator
Department of Electronics and
Communication Engineering,
GKM College of Engineering and
Technology,
New Perungalathur,
Chennai – 600063
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E-Mail:
eceworkshopgkmcet2019@gmail.com

TWO-DAYS WORKSHOP

ON

DEEP LEARNING AND IMAGE PROCESSING FOR BIOMEDICAL AND INDUSTRIAL CONTROL

APPLICATIONS

26th & 27th SEP 2019

Sponsored By



Organized by



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DEPARTMENT OF ELECTRONICS AND
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