

ABOUT THE GCT COIMBATORE

Government College of Technology, Coimbatore formerly known as the Arthur Hope College of Technology, was started in July 1945 to give high priority to Technical Education. The institute was renamed as Government College of Technology and affiliated to University of Madras in 1951. The institute offers nine UG and eleven PG programs with recognized research supervisors to pursue M.S. (by Research) and Ph.D. programs. The institute was granted full autonomy for all the UG and PG courses from the academic year 1987-88. Each department has well qualified faculty members and excellent infrastructural facilities. The institute received TEQIP funds in Phase I, II and III of MHRD project. The institute is accredited by NAAC with 'A' grade.

ABOUT THE FACULTY DEVELOPMENT TRAINING CENTRE

The Faculty development training centre was established in the year of 2019 to provide technical trainings to Engineering and Polytechnic college faculty members by Tamil Nadu State Government. It is equipped with sophisticated smart class rooms and tutorial rooms. It provides boarding and lodging facilities to resource persons and participants during the training programme. The programmes are organized to enhance the teaching skills of faculty members.

ABOUT THE INSTITUTION

Dr.RM.Alagappa Chettiar, a man of wisdom and forethought, founded Alagappa Chettiar Educational Trust. Alagappa Chettiar Government College of Engineering and Technology started functioning from 21st July 1952 and was handed over to Government of Tamilnadu in 1966. This institute offers Five UG, Six PG, M.S. (By Research) and Ph.D. programmes. This is an autonomous institution accredited by NAAC and NBA. This institute has excellent infrastructure and each department has state-of-the-art laboratory facilities. TEQIP funds have been granted for this institute from MHRD project.

ABOUT THE COURSE

Antennas have become the essential component in any system intended to propagate and capture information sent through electromagnetic waves. Due to the wide variety of applications there are many types of antennas, all of which are based on the principles of electromagnetic radiation. Participants in this course will learn the general properties of the radiation fields of given sources and design them as required in order to achieve an intended radiation field pattern. Participants will be able to identify the parameters and develop techniques to fulfil the requirements in order to achieve the optimal usage. The acquired knowledge will be applied by designing practical antennas. This FDP covers Wave Equation and solutions, Antenna Fundamentals and types including Wide band antenna, Reconfigurable antenna, Metamaterial inspired antenna, Flexible antenna, Wearable antenna and Antenna design for Wireless Body Area Networks.

COURSE OBJECTIVES

- ✓ An understanding of antenna concepts and their industry applications
- ✓ Apply concepts to the design and simulation of practical antennas by varying characteristic elements to optimize their system performance.



**Tamil Nadu State Government Sponsored
Five Days Online Faculty Development
Programme On**

ANTENNA ENGINEERING

23.05.2022 to 27.05.2022



Coordinator

Prof. C. Mahendran

Convener

Dr. A. Sivanantha Raja

Organized by

**FACULTY DEVELOPMENT TRAINING
CENTRE**

**Government College of Technology
Coimbatore - 641 013
and**

**Department of Electronics and
Communication Engineering,
Alagappa Chettiar Government College of
Engineering and Technology
Karaikudi - 630 003.**

RESOURCE PERSONS

Dr. Malathi Kanagasabai

Professor / ECE, College of Engineering, Anna University, Chennai.

Dr.M.Nesasudha

Professor / ECE, Karunya Institute of Technology and science, Coimbatore.

Dr. R. Pandeewari

Associate Professor / ECE, NIT, Trichy.

Dr.T. Shanmuganantham,

Associate Professor, Dept. of Electronics Engineering, Pondicherry Central University, Pondicherry.

Dr. A.Beno

Associate Professor / ECE, Dr.Sivanthi Aditanar College of Engineering, Tiruchendure.

Dr.B.Anandhi Meena

Teaching Fellow - Anna University, University College of Engineering, Madurai.

Dr.M.Neelaveni Ammal

AP(Sr.G) / ECE, SRM Institute of Science and Technology, Kattankulathur.

Dr.P.Muthu Kannan

Associate Dean(Examinations), Saveetha School of Engineering, Chennai.

Dr.K.Usha Kiran

Associate Professor, School of Electronics Engineering (SENSE) , VIT Chennai Campus.

Dr. P. Vimala

Assistant Professor / ECE, Annamalai University, Chidambaram.

Dr.A.C.Shagar,

Professor / ECE, St. Michael College of Engineering and Technology, Kalayarkoil.

Dr.S.C.Sivaprakash

Professor / ECE, K.L.N College of Engineering, Pottapalayam, Sivagangai District.

Dr.S.Murugan,

Professor / ECE, PSR Engineering College, Sivakasi.

Dr.D.Sugumar,

Associate Professor / ECE, Karunya Institute of Technology and science, Coimbatore.

Prof.C.Mahendran

Assistant Professor / ECE, Alagappa Chettiar Government College of Engineering & Technology, Karaikudi.

Dr.R.Durga

Assistant Professor / ECE, Government College of Engineering, Srirangam.

REGISTRATION

- ❖ No Registration Fee.
- ❖ Faculty members from AICTE-approved institutions are eligible to attend the training programme.
- ❖ Participants will be selected on first-come first-served basis.
- ❖ Selected candidates will be intimated by E-mail.

REGISTRATION LINK

Registration has to be done only through

<https://forms.gle/eCBVStaPWPam1Wtt6>



PARTICIPATION CERTIFICATE

E-Certificate will be issued based on the attendance percentage, assignment score and submission of feedback.

ADDRESS FOR CORRESPONDENCE

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Government College of Technology,

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PATRON

Dr. P. Thamarai

Principal, GCT, Coimbatore

HOD / FDTC

Dr. T. Purusothaman

Professor, FDTC, GCT, Coimbatore

CONVENERS

Dr. P.K. Palani M.E. Ph.D

Principal, ACGCET, Karaikudi

Dr. A. Sivanantha Raja

Professor / ECE, ACGCET, Karaikudi

COORDINATOR

Prof. C. Mahendran

Assistant Professor / ECE,

ACGCET, Karaikudi.

IMPORTANT DATES

Last Date for Submission : 17.05.2022
Of Application

Intimation of Selection : 18.05.2022

Confirmation by Participants : 19.05.2022