

TARGET AUDIENCE

This five-day short-term course is deliberately designed for the faculty members of the AICTE approved institutions (Polytechnic Colleges and Engineering Colleges), research scholars, PG Scholars, participants from Government institutions, Industries (Bureaucrats /Technicians /Participants from Industry etc.) and staff of host institutions.

RESOURCE PERSONS

Faculty experts from premier academic institutions and invited experts from leading industries, research and development organizations.

PARTICIPATION CERTIFICATE

E-Certificate will be issued based on the attendance percentage, assignments core and activeParticipation in the programme.

ADDRESS FOR CORRESPONDENCE

Dr. N. Karimilla Bi

Assistant Professor(Mathematics)

Faculty Development Training Centre

Government College of Technology

Coimbatore 641013

Email:ftc@gct.ac.in

OBJECTIVE

The objective of this programme is to impart knowledge on the Research Opportunities and applications of Soft Computing Techniques. This programme serves as a platform to the curriculum developers, research scholars and faculties, in the extensive area of soft computing techniques applied to different engineering problems.

Participation in this programme will help to apply the gained knowledge on the “Soft Computing” in a better way. The eminent faculty members from the leading technical institutions will deliver the lectures.

COURSE OUTLINE

- ❖ **SOFT COMPUTING TECHNIQUES**
- ❖ **PERCEPTRON NETWORKS**
- ❖ **REDUCTION AND REGRESSIONTECHNIQUES**
- ❖ **OPTIMIZATION TECHNIQUES**
- ❖ **SECURITY ISSUES**



**Tamil Nadu State Government
Sponsored
Five Day Online
Faculty Development
Programme On
RESEARCH OPPURTUNITIES OF SOFT
COMPUTING TECHNIQUES IN
ENGINEERING APPLICATIONS**

09-01-2023 to 13-01-2023



**Organized by
Faculty Development Training Centre
Government College of
Technology
Coimbatore-641013, Tamilnadu, India.
&
Department of Electrical and
ElectronicsEngineering & Department
of ComputerEngineering
Government Polytechnic College
Gandarvakottai – 613 301**

ABOUT 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 programmes with recognized research supervisors to pursue M.S.(by Research) and Ph.D. programmes. 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 TamilNadu State Government. It is equipped with sophisticated smart classrooms 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

Government Polytechnic College, Gandarvakottai , was started in the year 2013 with the notion of serving the students from marginalized family and rural areas across the state. It is one among the state owned AICTE approved institution providing quality Engineering education. The institution has five diploma Courses in various Engineering Disciplines. The institution comprises of faculty of determination to educate the students, an intellectual student community, well supporting administrative, technical and non-technical staff, who are striving to progress in producing reputed engineers to serve the nation.

ORGANIZING

COMMITTEEPATRON

Dr.P.Thamarai

Principal, GCT, Coimbatore

HOD/FDTC

Dr.T.Purusothaman

Professor/FDTC, GCT, Coimbatore

CONVENOR

- **Mr. A. Asokarajan**
Principal, GPTC - Gandarvakottai

- **Mr. M. Jeyapal**
Head of Department
Department of Computer Engineering

- **Mrs. S. Krishnaveni**
Head of Department
Department of EEE

COORDINATORS

- **Mr.S.Venkatraj**
Lecturer in EEE, GPTC,
Gandarvakottai

- **Dr.T.Sivaprakasam**
Lecturer in CE, GPTC,
Gandarvakottai

IMPORTANT DATES:

Last date for registration: 04-01-2023

Intimation of selection: 05-01-2023

Confirmation of Participants: 07-01-2023



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Registration Link

<https://forms.gle/N4pBAbbcjy1ut5P>
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QR CODE



REGISTRATION

- No Registration fee.
- Faculty members from AICTE approved institutions (Polytechnic Colleges and Engineering Colleges) are invited to participate in this Programme.
- Participants will be selected on first-come first-served basis.
- Selected candidates will be intimated by E-mail.