

ABOUT THE COLLEGE

Ramco Institute of Technology is founded by Shri P.R.Ramasubrahmaneya Rajha, Chairman, Ramco Group in 2013 with a vision to impart high quality engineering education. It is situated in the foothills of Western Ghats, 5 Kms from Rajapalayam Bus stand in Ayyanar Kovil Road. The College provides a world-class infrastructure and facilities to both our students and staff members. It has a very good learning atmosphere facilitated by high quality teaching by well-qualified and experienced faculty members, e-learning modules with smart classrooms, emulating IIT system of education.

ABOUT THE DEPARTMENT

The Department of Electronics and Communication Engineering was established in the year 2013 with a vision to develop competent professionals to meet the global challenges in modern engineering society. At present, it offers a 4-year B.E. Electronics and Communication Engineering Programme with a sanctioned intake of 120 students. The laboratories are equipped with latest technology in the field of Electronic Devices and Circuits, Digital Electronics, Linear Integrated Circuits, Microprocessor and Microcontroller, Communication Systems, Digital Signal Processing and Embedded Systems that offers opportunities to work on a wide range of advanced software packages. It has a team of committed faculty members and encompasses professional associations such as Students Technical Association "Electronica", IETE, ISTE & IEEE chapters which provide the students, a platform to learn professional and soft skills.

ABOUT THE STTP

This Five day STTP held at Ramco Institute of Technology, Rajapalayam will unite specialists to investigate recent improvements in photonic and optical Networks advances and the future chances and difficulties that they present. Photonic and Optical innovations have a wide scope of recent and future applications including sensors, optical PCs, cutting edge lasers and LEDs, light communications (LiFi), water refinement, quantum data handling and the sky is the limit from there.

PROGRAMME CONTENTS

The following topics will be covered

- Types of Optical Waveguides
- Optical Communications
- Photonic Devices
- Multicore Fiber Technology and their Applications
- Essentials of Photonic Crystals
- Photonic Crystal Fibers and their Applications
- Materials and Techniques for Fabrication of Fibers
- Terahertz Photonics for Wireless Communication
- Visible Light Communication
- Photonic Switching

RESOURCE PERSONS

The sessions will be handled by Industrial Experts and adept professors from institutions of repute.

**IEEE Photonics Society
Sponsored**

Five Day STTP

on

**Advancements in
Photonics and Optical
Networks**

**19th to 23rd February
2024**

Organized by



DEPARTMENT OF ECE

RAMCO INSTITUTE OF TECHNOLOGY

North Venganallur Village

Rajapalayam - 626 117.

Phone : 04563 - 233414

in Association with
**IEEE Photonics Society, Madras
Section**



REGISTRATION DETAILS

- Participants are requested to fill the registration form

Industry Persons & Non –

IEEE Members : Rs.500

Faculties from Academic

Institutions : Rs.500

Research Scholars/

PG students : Rs.500

IEEE Member : Free

Payment should be done through online in

Favour of: Ramco Institute of Technology

Bank Name : Indian Overseas Bank

Account Number : 104801000036500

IFSC Code : IOBA0001048

HOW TO APPLY

The applicants should send their registration form in the specified format on or before 05.02.2024. Selected candidates will be intimated through e-mail only. Soft copy of the filled-in application can also be e-mailed to ritecepgm@ritrjpm.ac.in.

FOR FURTHER INFORMATION CONTACT

The Coordinators,

Department of ECE,

Ramco Institute of Technology,

Rajapalayam- 626 117.

Email: ritecepgm@ritrjpm.ac.in

Phone: 04563-233414

Mobile No.: +91-8524856684, 9626677687

Five Day STTP
on
Advancements in
Photonics and Optical Networks

REGISTRATION FORM

Name :

Age & Gender :

Qualification :

Designation :

Department :

Institution :

Address for Communication:

Contact No. :

E-mail ID :

Accommodation Required: Yes / No.

I hereby declare that the above furnished information is true to the best of my knowledge and I will abide by the rules and regulations of training program.

**Signature of the Participant with Date
Forwarded and Recommended**

**Signature & Seal
Head of the Department/Institution**

ORGANIZING COMMITTEE

CHIEF PATRON

Shri. P.R. Venketrama Raja
Chairman, Ramco Group

PATRON

Dr.R.Venkatraj
CEO, Ramco Educational
Institutions

Dr.L.Ganesan
Principal
Ramco Institute of Technology

CO-PATRON

Dr.S.Rajakarunakaran
Vice-Principal
Ramco Institute of Technology

CONVENOR

Dr.C.Arunachalaperumal
Professor & Head/ECE

ORGANISING SECRETARY

Dr.A.Azhagu Jaisudhan Pazhani
Associate Professor/ECE

CO-ORDINATORS

MrsB.Kannan
Assistant Professor (SG)/ECE

Mrs.V.SrirengaNatchiyar
Assistant Professor (SG)/ECE

Mr.P.Gunasekaran
Assistant Professor/ECE

VENUE

Seminar Hall & DSP Laboratory
Department of ECE

IMPORTANT DATES

Last Date of Application : 15.02.2024

Intimation of Selection : 16.02.2024