National Institute of Technology Tiruchirappalli

The National Institute of Technology (formerly known as Regional Engineering College) Tiruchirappalli (NITT), was started as a joint and co-operative venture of the Government of India and the Government of Tamil Nadu in 1964 with a view to catering the needs of man-power in technology for the country. NITT is one of the 31 National Institutes of Technology established by the Government of India and ranks First among all the NITs in NIRF during three consecutive years. The institution offers Undergraduate Courses in ten branches and Post Graduate Courses in twenty-one disciplines of Science, Engineering & Technology besides M.S. (by Research) and Ph.D. in all the departments.
Website: https://www.nitt.edu

IEEE Student Branch - NITT

The world's leading professional organization for the advancement of technology has a local address at NIT, Tiruchirappalli. Members rely on the IEEE as a source of technical and professional information, resources, and services. To foster an interest in the engineering profession, the IEEE SB NITT indulge in various technical and non-technical activities. Other important constituencies include prospective members and organizations that purchase IEEE products and participate in conferences or other IEEE programs. IEEE SB NITT and its technical chapters encompasses undergraduate, postgraduate and Ph.D. Scholars from various departments.

Website: https://site.ieee.org/sb-nitt/
https://www.nitt.edu/home/students/clubsnassocs/academic/ieee/

Objective of the Workshop

To empower attendees with understanding of data analytics concepts, data collection and preparation, visualization, basic statistical concepts, exploratory data analysis and hands-on data analysis.

Workshop Modules:

DAY - 1

- ➢ Data Pre-processing
- ➢ Hands-on training with Python Libraries – NumPy, Pandas, Polar
- ➢ Data Visualization – Matplotlib, Seaborn
- ➢ Familiarization of standard datasets
- ➢ Practical applications with examples

DAY - 2

- ➢ Data Analytics with Python
- ➢ Exploratory data analysis
- ➢ Machine Learning

Data analytics is not just about numbers; it's about discovering new stories hidden within the data and turning them into actionable insights.
Join us now!

About the Resource Persons

Mr. Mohammed Raees PC
Co-Founder & CTO,
Edutecnicia,
Research Fellow, NIT Trichy.

Mr. Akshayraj MR
Co-Founder,
Bayestech Pvt. Ltd.,
Research Fellow, NIT Trichy

Hands-on Online Workshop
on
"Data Analytics with Python"

14th -15th October, 2023

09:00 AM – 11.00 AM
&
11:15 AM – 01.15 PM

Organized by

IEEE
NITT STB99061

IEEE Student Branch NIT Tiruchirappalli

National Institute of Technology Tiruchirappalli

Registration Fees
(Inclusive of GST as applicable)

Category	Amount in Rs.
IEEE Members	300
Non IEEE Members	500

➢ The maximum number of participants will be limited to 100. Hence participants are advised to register early.

➢ Participants will have access to the presentation material through Google Drive for a limited time, during which they can download it.

Registration & Payment Process

➢ Everyone willing to participate in the workshop must register by filling the Google Form (with all details including payment details) on or before **10.10.2023, 23:59 PM (IST).**

https://forms.gle/UWamnUbcNR2RGAog9

➢ Scan the QR code to access the Google Form

➢ Registered participants will be intimated through the mail on **13.10.2023** by **21:00 PM (IST).**

Request for refund of registration fee will not be entertained.

Contacts
For Event Related Queries
✓ **Biby Joseph,** Chairperson,
IEEE SB, NIT Tiruchirappalli.
Email: bibyjoseph13@gmail.com
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For Payment Related Queries
✓ **M Goutham Reddy,** Treasurer,
IEEE SB, NIT Tiruchirappalli.
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Payment Guidelines

➢ Payment shall be made **ONLY** through UPI ID or SBI collect.

➢ Cash / Demand Draft / Cheque / Pay Orders, etc. are **NOT ACCEPTED**.

Step-by-step procedure to make payment via SBI Collect:

➢ **Step-1:** Go to the link: https://www.onlinesbi.sbi/sbicollect/icollecthome.htm

➢ **Step-2:** Select the following from dropdown menu: State of Corporate / Institution: **Tamil Nadu** Type of Corporate / Institution: **Educational Institutions**

➢ **Step-3:** Select the following from dropdown menu: Educational Institutions Name: **IEEESB NITT**

➢ **Step-4:** Select the following from dropdown menu: Select Payment Category: **Registration Fee**

➢ **Step-5:** Provide all details of payment >> Then submit

Step-by-step procedure to make payment via UPI ID:

➢ **Step-1**: Go to any UPI payment App (BHIM, Gpay, PhonePe, etc.)

➢ **Step-2**: Click on New Payment.

➢ **Step-3**: Enter UPI ID (**ieeesb@sbi**) or scan

➢ the QR code given and verify that you can see the Merchant Name as **'DIRECTOR NIT TRICHY'**.

➢ **Step-4**: Make the payment.

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on
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Who can apply?
students, research scholars, employees and faculty members.

COORDINATORS
Dr. M. Venkata Kirthiga,
Professor/EEE,
IEEE SB Counsellor

Ms. Biby Joseph,
Chairperson - IEEE SB

National Institute of Technology Tiruchirappalli.