National Institute of Technology Tiruchirappalli

Patron

Prof. G. Aghila
Director, NIT Tiruchirappalli

Secretary

Prof. S. Mary Saira Bhanu
HOD, Computer Science & Engineering

Coordinators

Dr. Madhukrishna Priyadarsini
Assistant Professor, Computer Science & Engineering

Dr. S. Usha Kiruthika
Assistant Professor, Computer Science & Engineering

Advisory Committee

Dr. E. Sivasankar
Associate Professor, Computer Science & Engineering

Dr. M. Brindha
Associate Professor, Computer Science & Engineering

National Workshop on

INTRODUCTION TO COMPUTATIONAL SOCIAL SCIENCE WITH PYTHON

10th-14th July 2023
Department of Computer Science & Engineering

Objectives of the Workshop

- Basic understanding of Computational Social Science (CSS)
- Hands-on-sessions on tools, methods, and goals of CSS using Python
- Social network analysis using Python

Resource Persons

Eminent speakers from academia (IITs, NITs, IIITs) and industry

Target Group

UG/PG students/Ph.D. Scholars/Faculty/Industry Personnel

Registration

On a First Come First Serve basis

Fee:

- Student/Scholar- Rs. 1500/- +18% GST (270)=Rs. 1770/-
- Faculty- Rs. 2000/- +18% GST (360)=Rs. 2360/-
- Industry Personnel- Rs. 2500/- +18% GST (450)=Rs. 2950/-

*Lunch and Snacks included

Registration Link: https://forms.gle/tZRQ54R3y8Phsbej6

Payment Link: https://www.onlinesbi.sbi/sbicollect/icollecthome.htm

sbicollect--->Educational Institutions--->Tamilnadu--->Conference and Workshop NIT Trichy--->CSEMP CSSpy 2023

Note: During the payment, enter the amount in the relevant category and the other two can be 0

Workshop Mode: Offline
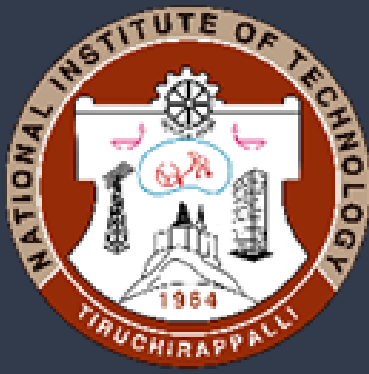### Maximum number of participants: 70
Last date of registration: 5th July 2023

The Institute

National Institute of Technology Trichy is one of the 31 National Institutes of Technology established by the Government of India in the year 1964. Today, NITT (formerly known as Regional Engineering College) is an autonomous co-educational technological institute, with 10 undergraduate and 28 graduate programs. Undergraduate programs lead to B.Tech degrees, while the graduate students and postgraduate students earn M.Tech, M.S. (by Research), Management, Architecture, and Ph. D degrees respectively The core values of NITT include integrity, unity, excellence, and inclusivity with vision as to be a university globally trusted for technical excellence where learning and research integrate to sustain society and industry.

CSE Department

The Department of Computer Science and Engineering, established in 1982 with its cohesive team of faculty members, offers a good program at the UG, PG, and Ph.D. levels. The curriculum is a blend of the conventional and the radical. It is updated regularly to keep up with the growing demands and the changing trends of the software industry and research laboratories. The department has played an integral part in the Institute's success. The focal research areas of the department include Machine Learning and Artificial Intelligence, Software-defined Networks and Game Theory, Natural Language Processing, Algorithms, High-Performance Computing, etc.

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10th-14th July 2023
Department of Computer Science & Engineering

Focal points of the Workshop

- **Introduction to Computational Social Science (CSS)**
- **Python Programming in the Context of CSS**
- **Machine Learning and Deep Learning in the Context of CSS**
- **Data Framing Techniques**
- **Handling Social Data**
- **Accessing Web Data**
- **Data Visualization Techniques**
- **Natural Language Processing in the Context of CSS**
- **Hands-on Approach (Python, Pandas, Scikit-learn)**
- **Discussion on Various Social Science Problems**
- **Solving Case studies on Network Analysis, Text Analysis, and other problems of Social Sciences using Python, Pandas, and Scikit-learn**

Accommodation and Food

The hostel can be availed as per the institute norms or can arrange their own

Contact Details

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