

## About the Institution

National Engineering College, an academic eden sprawl over 150 acres on the National Highway (NH7) between Madurai and Tirunelveli has marked its pride since 1984 with the deep insight of the philanthropist **Thiru K.Ramasamy**, Founder, National Educational and Charitable Trust.

- Affiliated to Anna University, Chennai and granted autonomy in the year 2011 by UGC.
- All the UG courses are accredited by NBA, New Delhi and the institution is accredited by NAAC, UGC, and Government of India.
- The Institution is imparting quality technical education in 7 UG and 4 PG programmes.
- All departments are recognized as Research Centres for conducting Ph.D., programmes by Anna University, Chennai.
- The College has been accorded with DST-FIST (Level 0) in 2018, by DST, New Delhi and sanctioned amount is Rs.43 Lakhs.

## About the Department

The Department of Information Technology (IT) was established in the year 2001. The vision of the department is *“To produce technically competent and value based IT Professionals to meet the current challenges of the modern IT industry”*. The department offers one UG programme (B.Tech. – IT) and one PG programme (M.Tech. – IT (Information and Cyber Warfare)). The department have well qualified faculty with rich teaching experience. The department is well equipped with advanced laboratories and a research centre has been setup to promote research in the department.

The department is accredited by NBA under Tier-I category and also it is recognised as Research Centre for doing Ph.D. under Anna University, Chennai. 4 Professors are Recognized Supervisors Under Anna University, Chennai. Our students have undertaken internships in many reputed MNCs. The department has good placement record consistently.

## Key Objective of the Programme

- To provide faculty members with a comprehensive understanding of Big Data concepts, tools, technologies, and methodologies.
- To provide hands on session on various big data tools and platforms.
- To encourage and support faculty members in conducting research in the field of big data analytics.
- To foster collaboration between academia and industry by highlighting industry use cases and best practices in big data analytics.

## Topics of FDTP Sessions

- ❖ Introduction to Big Data and Web Analytics
- ❖ Map Reduce & Visualization Techniques
- ❖ NoSQL Data Management
- ❖ Hadoop Implementation of File management tasks
- ❖ Crowd Sourcing Analytics
- ❖ Cassandra Data Model & Hadoop Related Tools
- ❖ Impact of Big Data in Industries
- ❖ Research Perspectives of Big Data Analytics
- ❖ Innovative Pedagogy

## Outcome of FDTP

Faculty members will be able to

- Transfer the knowledge gained in Data Analytics through real-world case studies to the students
- Do research in the area of Big Data Analytics.

## Resource Persons

The session will be handled by experts from academia, research organizations and industry.

## Registration Link

<https://forms.gle/5YgEpEbDNsVsCDRA8>



## Six Day Faculty Development Training Programme (Physical Mode)

on

## Big Data Analytics (CCS334)

22.07.2024 – 27.07.2024

### Coordinators

**Dr.R.Muthukkumar**, Professor  
**Dr.S.Chidambaram**, Associate Professor

*Sponsored by*



**Centre for Faculty and Professional  
Development**  
**Anna University, Chennai – 600 025**

*Organized by*



**Department of Information Technology**  
**National Engineering College**  
(Autonomous Institution)  
**K.R.Nagar, Kovilpatti – 628 503**  
Thoothukudi District, Tamilnadu.

[www.nec.edu.in](http://www.nec.edu.in)

## REGISTRATION FORM

*Six Day FDTP (Physical Mode)  
On*

**Big Data Analytics (CCS334)**  
**(22.07.2024 – 27.07.2024)**

1. Name (in Block Letter):
2. Designation:
3. Department:
4. Experience:
5. Organization:
6. Address for Communication:
7. Mobile No. :
8. Email ID:

The information provided by me is true to the best of my knowledge. I agree to abide by the rules and regulations governing the Faculty Development Training Program. If selected, I shall attend the program for the entire duration.

Date:

Place: Signature of the Applicant

### SPONSORSHIP

Mr./Ms./Dr./Prof. \_\_\_\_\_ is an employee of our Institution/Organization and is hereby permitted for the above Faculty Development Training Program, if selected.

Signature of the HOD/Head of the Institution

## GUIDELINES

- ❖ There is NO Registration fee.
- ❖ No TA/DA will be provided.
- ❖ The total number of participants is limited to 40.
- ❖ The completed form duly signed by the Head of the Institution can be scanned and mailed to **necit.fdp@gmail.com**.
- ❖ Eligible participants will be selected based on **first come first serve** basis.
- ❖ Refreshment and lunch will be provided on all the days of the programme.

### WHO CAN ATTEND

Faculty members working in Engineering colleges affiliated to Anna University.

### PROGRAMME CERTIFICATES

Participation certificates will be issued to the candidates who attend the Programme in full and score 60% in the assessment conducted at the end of FDTP.

### ADDRESS FOR COMMUNICATION

**The Coordinator(s)**  
**Anna University, Chennai Sponsored**  
**FDTP on “Big Data Analytics (CCS334)”**  
Department of Information Technology  
**National Engineering College**  
(An Autonomous Institution)  
**K.R.Nagar, Kovilpatti – 628503.**  
Thoothukudi District, Tamilnadu.

Email : [necit.fdp@gmail.com](mailto:necit.fdp@gmail.com)  
Mobile: 9994862559, 9894033194

## ORGANIZING COMMITTEE

CHIEF PATRON : **Dr. R.Velraj**  
Vice Chancellor  
Anna University

PATRON : **Dr. J. Prakash**  
Registrar i/c  
Anna University

CHAIR : **Dr. P.Vanaja Ranjan**  
Director, CFPD  
**Dr. V.Adaikkalam**  
Addl. Director, CFPD

CO-CHAIR : **Dr. K.Kalidasa Murugavel**  
Principal,  
National Engineering College  
**Dr. K. G.Srinivasagan**  
Professor & Head  
Information Technology

Coordinators : **Dr. R.Muthukkumar**  
Professor / IT  
**Dr. S.Chidambaram**  
Associate Professor/ IT

Organizing Department:  
Department of Information Technology

### IMPORTANT DATES

<b>Submission of the Application</b>	<b>15.07.2024</b>
<b>Intimation of Selection by E-mail</b>	<b>18.07.2024</b>