

## DECLARATION

The information furnished above is true and I agree to abide by the rules and regulations governing the FDTP. If selected, I will attend the training programme for the entire duration. I also undertake the responsibility to inform the coordinator in advance in case of inability to attend the Programme.

Place:

Date:

Signature

## SPONSORSHIP CERTIFICATE

This is to certify that Mr./Ms..... is a bonafide faculty member of our college. He/She will be permitted to attend the Anna University, Chennai sponsored **Faculty Development Training Programme on Design and Analysis of Algorithms (CS8451)** at National Engineering College, Kovilpatti from 26.11.2018 to 08.12.2018.

Place:

Date:

Signature of the Principal/  
HOD with the office seal

## ADDRESS FOR COMMUNICATION

**Dr. V.Gomathi., M.Tech.,Ph.D**

Coordinator,

FDTP on Design and Analysis of Algorithms (CS8451),

Department of Computer Science and Engineering ,

National Engineering College(Autonomous),

K.R.Nagar, Kovilpatti,

Thoothukudi Dist.,

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E-mail : [hodcse@nec.edu.in](mailto:hodcse@nec.edu.in)

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

## PARTICIPANT DETAILS FOR REGISTRATION

Name : .....

Qualification :..... Gender :.....

Designation :.....

Teaching :.....Yrs, Ind :.....

Organisation :.....

Institution Affiliated to

Anna University Chennai: Yes/No

Communication Address : .....

.....

.....

Pin: .....

Mobile :.....

E-mail :.....

Is Accommodation required? Yes/No

**Two-Week FDTP**

**ON**

**“Design and Analysis of Algorithms(CS8451)”**

**26.11.2018 & 08.12.2018**

## REGISTRATION FORM

Coordinators

**Dr.V.Gomathi, Prof.&Head/CSE**

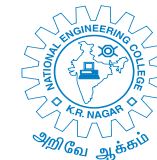
**Ms. R.Rajakumari, AP(SG)/CSE**



Approved by

**Anna University  
Chennai**

Organized by



**Department of Computer Science and Engineering**

**NATIONAL ENGINEERING COLLEGE**

**(AN Autonomous Institution)**

**K.R.Nagar, Kovilpatti**

**Thoothukudi District, Pin:628503**

## ABOUT OUR DEPARTMENT

The department was started in the year 1984. The department is accredited by Tier I Accreditation of National Board of Accreditation (NBA) New Delhi in the year 2014. It has stable well qualified and experienced staff members. This department is fully equipped with modern Hardware and Software accessibility to cater to the academic needs of students and to cater the research aspirants of faculty. The entire campus is connected through OFC and sophisticated 350 Mbps Internet facilities provided for academic and research work. The Department has funded projects from DRDO, AICTE, DST, IE(I) and CSI. The Department has organized many sponsored seminars on thrust areas to initiate research activities.

## ABOUT THE PROGRAMME

The revolutionary impact of computer technology on our society does not necessarily facilitate the appreciation of the intellectual contents of potent subjects. Consequently, the intellectual contents of Design and Analysis of Algorithms aim to introduce the classic algorithms in various domains, and techniques for designing efficient algorithms. It is an algorithmic course concerned with different problem solving techniques and analyze the time and space complexities in computation. Most importantly, it aims to understand the nature of efficient computation with problem solving and validation. It also creates a model for computation, using different algorithms. This helps to solve the problems by different problem solving techniques like Divide and Conquer, Greedy Technique and Backtracking. It is a prerequisite course for problem based courses like cryptography and Network Security, Natural Language Processing, Game theory and Artificial Intelligence.

## RESOURCE PERSONS

In addition to the faculty of the Institution, Resource persons from premier Educational Institutions will impart their expertise.

### Topics to be Covered

The programme will cover the topics of the subject “CS8451 – Design and Analysis of Algorithms”, as per Anna University, Chennai syllabus.

### Eligibility

Faculty members handling the subject CS8451- Design and Analysis of Algorithms in Engineering Colleges affiliated to Anna University, Chennai.

### Registration Details

- Total number of participants is restricted to 25
- Participants will be selected on First Come First Serve basis.
- Priority will be given to young faculty.

## ORGANIZING COMMITTEE

**CHIEF PATRON : Dr. M.K. Surappa**  
Vice-Chancellor,  
Anna University,  
Chennai

**PATRON : Dr. J.Kumar**  
Registrar,  
Anna University,  
Chennai

**CHAIR : Dr. D.Sridharan**  
Director, CFD  
**Dr. I.Arul Aram**  
Addl Director, CFD

**CO-CHAIR : Dr.S.Shanmugavel**  
Principal  
National Engineering College

**Co-ordinators : Dr.V.Gomathi**  
Prof.&Head  
Department of CSE  
**Ms.R.Rajakumari**  
Asst.Prof.(SG)/CSE

**Venue : SEMINAR HALL / CSE**

### IMPORTANT DATES:

Submission of Application : 22.11.2018  
Intimation of Selection : 22.11.2018  
Confirmation by Participants: 23.11.2018