

Speakers

Dr. P. Nagbhushan, Director, IIIT Allahabad
Dr. Varsha H. Patil, Coordinator BOS-COMP
Dr. Parikshit Mahalle, Coordinator BOS-IT
Dr. Aditya Abhyankar, Dean, DoT, SPPU, Pune
Dr. R. V. Pujeri, Director, MITCOE, Pune
Mr. Suhas Joshi, Harbinger Systems, Pune
Mr. Prashant Sahu, CEO of Tech Smart System, Pune
Mr. Santaji Ghorpade, IBM India Pvt. Ltd., Pune
Dr. Snehal Kamalapur, KKWaghCOE., Nashik
Dr. Vaishali Pawar, HoD, KBTCOE, Nashik
Dr. Siddhivinayak Kulkarni, MITCOE
Prof. Reena Pagare, MITADT University, Pune
Dr. Uma Pujeri, Prof. Anita Thengade
Dr. Sharmishta Desai, Prof. Jayshree Aher
Eminent speakers from IIT's, Industries & Different Academic Institutes.

Coordinators

Dr. Uma Pujeri (7588839003)
Prof. Anita Thengade (9960639746)
Prof. Jayshree Aher (9923796443)
Dr. Sharmishta Desai (9604849071)

Registration Charges

DAA'17 Registration Fees	Amount Rs.
Academicians/ Research Scholar	₹3000/-
Industry Person	₹4000/-
PG/UG Students	₹1500/-

For Registrations

Website : <http://fdp.mitcoe-comp.in/>

Please feel free to ask your query to the e-mail events.computer@mitcoe.edu.in with subject: **FDP-DAA 2017**

[Last date for registration: 30/11/2017]

Registration is on first come first serve basis.
Accommodation will be made available for outside participants with nominal charges.

Maximum entries: 50

Registration Form

FACULTY DEVELOPMENT PROGRAMME

on

Design and Analysis of Algorithms

Full Name: _____

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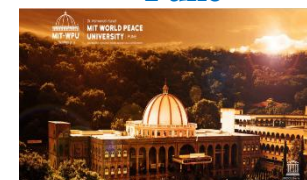
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MAEER's MIT College of Engineering, Pune



DEPARTMENT OF COMPUTER ENGINEERING National Level FACULTY DEVELOPMENT PROGRAMME

TE Computer Engineering Course 2015 Syllabus
Orientation Programme

On

Design and Analysis of Algorithms

(in association with SPPU BoS Computer Engineering & CSI,
Sponsored by QIP, SPPU, Pune)



18th December to 23rd December 2017

MIT College of Engineering, Kothrud,
Pune 411038. Tel: + 91 020 3027 3685
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ABOUT MAEER MITCOE & MITWPU

Maharashtra Academy of Engineering & Education Research (MAEER), Pune was established in 1983 and is known for educational excellence. MAEER is multi-disciplinary organization conducting university approved academic programme in Engineering, Management, Pharmacy, Medicine and Polytechnic. The culture of value based education system is strictly followed to encourage good character building among the young generation. In recognition of the services rendered so far a UNESCO chair in human rights, democracy and peace is constituted at MAEER's MIT. MITCOE is affiliated to University of Pune and is located at the MIT Campus, Kothrud, Pune.

For centuries, India has been the apostle of knowledge and peace, **MIT World Peace University** has been built on this philosophy. **MIT-WPU University** is focused on being the change that is needed in the world today by sensitizing and understanding the human dimensions of conflict, and developing a toolbox of transferable skills such as negotiation, peace building, technology and management. Our students will be in the best position to bring about consolidated change for positive growth, development and social inclusion. This university is an aspirational university for students searching for a world class education. Since inception, World's known Scientists, Nobel Laureates, Researchers, Scholars, Academicians, Philosophers, Technocrats and Successful Entrepreneurs are associated with MIT.

ABOUT THE DEPARTMENT

The Department of Computer Engineering which was started in 2001 is well equipped with an excellent infrastructure. The department offers U.G (intake 120 students) and P.G. programme (intake 18 students) in Computer Engineering.

ABOUT THE FDP

SPPU syllabus is a blend of concepts and advances using high end FOSS technologies. This faculty development programme is intended to provide opportunity for teachers employed in AICTE approved institutions for teaching and upgrading their knowledge in the area of Design and Analysis of Algorithms. Courses are designed to understand and solve real life problems along with need of industry. The FDP, "Design and Analysis of Algorithms" is designed to learn and understand the fundamentals and research aspects of Algorithms. This FDP will help the faculties and researchers to understand and apply the knowledge of Design and Analysis of Algorithms to solve day to day problems.

FDP OBJECTIVES

- To provide an understanding of the fundamentals and a comprehensive knowledge in the field of Algorithms.
- To arouse the awareness in participants for the need & applications of "Design and Analysis of Algorithms", and its use to solve Real Life Problems.
- To acquaint participants to modern teaching aids, interactive sessions and quizzes.
- To provide innovative practical sessions with research aspect for problem solving.

FDP Contents :

- Fundamentals of Algorithms
- Framework for Algorithm Analysis
- Divide and Conquer Strategy
- Dynamic Programming
- Greedy Strategy
- Complexity Theory
- Backtracking Technique
- Branch and Bound
- Approximation Algorithms
- Innovative Teaching Methodologies for design and analysis of Algorithms
- Hands-on Sessions on above topics with mini project implementation.
- Everyday quiz based online assessments using Moodle.

FACULTY DEVELOPMENT PROGRAMME

On

Design and Analysis of Algorithms

CHIEF PATRONS

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