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Computer Engineering

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Co-ordinator

- **Dr. Swapna Borde** Mobile: 9881738490

Co-coordinators

- **Mr. Vikrant Agaskar**, Mobile: 9822836508
- **Ms. Sangita Chaudhari**, Mobile: 9730199702

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Registration Form

AICTE-ISTE approved
One week
Short Term Training Program
on
“Emerging Trends in Operations Research”
24th June. to 29th June 2019

Name: _____

Qualification: _____

Designation: _____

Address: _____

Email: _____

Mobile No.: _____

Member of ISTE: Yes / No
ISTE membership number: _____

Registration Category: Faculty/Industry/
Student

Details of registration fees: DD No. / Online
Transaction ID: _____

Bank Name: _____

Amount: _____

Date: _____

Signature of Participant: _____

Signature of Authority: _____



**VIDYAVARDHINI'S COLLEGE OF
ENGINEERING & TECHNOLOGY**

(Affiliated to the University of Mumbai)
NAAC Accredited - 2019



AICTE-ISTE approved
One week
Short Term Training Program
on
“Emerging Trends in Operations Research”
24th June. to 29th June 2019



Organized by

Department of Computer Engineering
Vidyavardhini's College of Engineering
& Technology,
K. T. Marg, Vasai Road (W),
Palghar – 401 202.
Contact – 0250 -2338234 Ext – 214,121
Visit: www.vcet.edu.in

About VCET

Vidyavardhini means a body committed to enhancement of knowledge. Vidyavardhini was established as a registered society in 1970 by late Padmashri H. G. alias Bhausahab Vartak for the noble cause of education in rural areas. Vidyavardhini's College of Engineering & Technology (VCET) was started in the year 1994. The college is affiliated to the University of Mumbai for the four year degree program leading to the degree of Bachelor of Engineering.

About Department

Department of Computer Engineering was established in the year 1999 with the objective of imparting knowledge and developing practical skills in various areas of computer engineering. The department was accredited by NBA and has an intake of 60 students. The department motivates its students to participate in co-curricular and extra-curricular activities essential for development and nurturing of team spirit and developing organizational skills. Department envisages to become a center of excellence in the varied domain of computer engineering. The department has expert and well trained human resources and well equipped laboratories to impart domain specific knowledge.

Course Objectives

- 1. Formulate a real-world problem as a mathematical programming model.
- 2. Understand the mathematical tools that are needed to solve optimization problems.
- 3. Use mathematical software to solve the proposed models.

Expected Outcomes

- 1. Understand different types of models in operations research
- 2. Use optimization theory to solve linear programming problems.
- 3. Solve network flow models including transportation and assignment problems.
- 4. Understand the applications of interger programming and a queuing model, game theory, inventory model and dynamic programming.

Topics

- 1. Introduction to different types of models in operations research.
- 2. Optimization theory and linear programming
- 3. Network flow models
- 4. Integer programming problems: Formulation and Solution methods
- 5. Queuing models
- 6. Game theory
- 7. Dynamic programming
- 8. Inventory Models

Resource Person

Eminent speakers from reputed institutions.

Accomodation: Accomodation will be charged separately. The tariff and other information shall be communicated to the participants applying for accommodation.

How to apply:

The candidates should send copy of the completed application form either by email or courier to the coordinators on or before 18th June 2019

Payment Mode 1: Candidates can send DD (demand draft) of the STTP registration fees drawn in the favor of 'VCET' PAYABLE AT MUMBAI. Send scanned copy of DD along with registration form to vcet_comp@vcet.edu.in

Payment Mode 2:

Bank Name: Kotak Mahindra Bank Ltd.
Branch: VASAI RD (W)
For RTGS/NEFT IFSC Code:
KKBK0001420
MICR Code: 400485135
A/C No.:548010133055

Fees:

ISTE Members: 3000/-
Non - ISTE Members & Industry Participants: 3200/-
Students: 1000/-