## About Institute :

Mumbai Educational Trust (MET) is a public charitable trust establish in year 1989 with a mission to radically redefine education system in India. MET League of colleges has contributed over 30,000 professionals to the Indian and global business houses.

In the line with its commitment to provide world class education in India, MET has created state-of- the-art Bhujbal Knowledge City (BKC) at Nashik, Maharashtra. It promises to be the answer to the ever changing need of education scenario. The campus is situated at Adgaon, Nashik. with 34 acres of lush green landscapes having 4 lack sq.ft. of campus building spaces. The college offers Institute of Engineering, Institute of Management, Institute of Pharmacy, Institute of Technology (Polytechnic), Institute of Information Technlogy, Institute of Distance Learning.

Institute of Engineering offers various disciplines viz. Computer, IT, MCA Electronics, Electronics & Telecommunication, Mechanical, Electrical, Civil imparting UG and PG education along with research, approved by AICTE and Affiliated to Savitribai Phule Pune University, Pune.MET's BKC has excelled in academics, cocurricular and Extra-curricular activities.

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Management Trustee,
MET's BKC, Nashik

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## PATRON

**Dr.V.P.Wani**
Principal,
MET's BKC IOE, Nashik

## Resource Person
**Prof. Dr. M. U. Kharat**

## CONVENER
**Prof. A.R.Ugale(Banait)**
**Prof. V. R. Khandave**

## ORGANIZING COMMITTEE
**Department of Computer Engineering**

### Faculty Development Program on

# "RESEARCH METHODOLOGY"

26th Oct, 2017

Organized By
Institute of Engineering,
Department of Computer Engineering

**MET Bhujbal Knowledge City**
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Website : metbhujbalknowledgecity.ac.in

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## Programme Objectives:

This FDP will be focused on preparation of Ph .D. entrance examination . This will help the aspiring candidates to clear the concepts of Research Methodology appearing for Ph.D. Entrance examination . This FDP introduces to a variety of research methods used in a range of fields and provides fundamental knowledge that they need in making rational decisions about research strategies.

## COURSE CONTENTS:

### Research Methodology: An Introduction

- Meaning of Research
- Objectives of Research
- Motivation in Research
- Types of Research
- Research Approaches
- Significance of Research
- Research Methods versus Methodology
- Research and Scientific Method
- Importance of Knowing How Research is Done
- Research Process
- Criteria of Good Research
- Problems Encountered by Researchers in India

### Defining the Research Problem

- What is a Research Problem?
- Selecting the Problem
- Necessity of Defining the Problem
- Technique Involved in Defining a Problem
- An Illustration
- Conclusion

### Research Design

- Meaning of Research Design
- Need for Research Design

### Research Methodology

- Features of a Good Design
- Important Concepts Relating to Research Design
- Different Research Designs
- Basic Principles of Experimental Designs
- 

## ELIGIBILITY

Candidates aspiring for Ph. D. research work.

## DATE AND VENUE

Faculty Development Program will be held during 26th Oct, 2017 at Institute of Engineering, Ground Floor, Seminar Hall.

## REGISTRATION

Interested participants are requested to send filled and duly signed Registration form on or before **24th Oct, 2017**

To, **Ms. Vaishali R. Khandave**
Assistant Professor,
Department of Computer Engineering,
MET's, IOE, Bhujbal Knowledge City
Adgaon, Nashik-422003, Maharashtra, India
Email:vaishalik_ioe@bkc.met.edu
Mob.No:-+91-8805017036
Tel: (0253) 2555836

For more details please visit:
www.metbhujbalknowledgecity.ac.in

MET's Bhujbal Knowledge City, Nashik
Institute of Engineering
Department of Computer Engineering
Organizes
**Faculty Development Program on**

# "RESEARCH METHODOLOGY"

**26th Oct, 2017**

## Registration Details

1) Name:_____

2) Designation:_____

3) Institute/Industry:_____

4) Mailing Address:_____

_____

_____

5) Contact No:_____

6) Email ID:_____

7) Qualification :_____

7) Experience:_____
(Teaching/ Industry): _____

Date: _____

Signature of Participant :

Sign. & Seal of forwarding Authority :