

REGISTRATION FORM

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SPONSORSHIP CERTIFICATE

Ms./Mr./Dr.

Designation.....has been authorized

to attend all sessions of the FDP during the period from

22nd Feb 2018 to 26th Feb 2018, at department of CSE,

SIRT, Indore

Official Seal

Signature
Head of Institution

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Contact us :

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FACULTY DEVELOPMENT PROGRAM ON RESEARCH METHODOLOGY

22nd Feb to 26th Feb 2018



Organized By

**Department of Computer Science
& Engineering, SIRT (Indore)
(SAGE University)**

Under

**E & ICT Academy
PDPM IITDM, Jabalpur**

**An Initiative of
Ministry of Electronics & Information
Technology
Government of India**

Venue

**Department of Computer Science
& Engineering, SIRT (Indore)
(SAGE University)**

About SAGE University

SAGE University (SU) where technology, innovation and entrepreneurship come together to create a dynamic learning environment. Established by the legendary SAGAR Group of Education Society of central India. The SAGE Group is bringing the happiness to society since 1983 and currently under the umbrella of SAGE Group more than 9000 students are getting quality education. SU has been established by an Act of State Government of Madhya Pradesh, in exercise of powers conferred by Sub-Section (1) of Section 28 of the Madhya Pradesh Niji Vishwavidyalaya (Sthapna avam Sanchalan) Adhiniyam, 2007, as notified by the Higher Education Department, State Government of M.P. in the Ordinary Gazette of M.P. SU is located in the lush green environment away from hustle & bustle at the hill top in Indore.

About SIRT & CSE Department

SIRT Indore offers education with a purpose of generating excellent technocrats, smart managers and noble human beings. Our Vision is not to create road map only, but the compass to lead to metamorphose every individual aspirant of the country into a truly potential global technocrat preserving the traditional, moral and ethical values of our nation by means of delivering exemplary education and aggrandized further within high-tech discipline academic environment.

The Department of Computer Science and Engineering (CSE) established in the year 2005 with the aim of providing inclusive technology education to students from all over India and the world. The vision of CSE department is to produce most favorable environment for quality and research oriented education in CSE & create technocrats who can build & serve a globalized technological society & have capability to accept new socio environmental challenges.

About Electronics & ICT Academy, IIITDM, Jablapur

Ministry of Electronics and Information Technology, Government of India has instituted seven Electronics and ICT academies with one academy at PDPM, IIITDM Jabalpur with the primary objective preparing manpower for two important missions-'Digital India' and 'Make in India'. The Academy aims at the design and implementation of scalable training programs in niche areas of electronics and ICT for the development of required knowledge base, skills and tools to unleash the talent of Indian population. The academy at PDPM, IIITDMJ runs high quality specialized courses for faculty, students and unemployed graduates. In addition the academy conducts customized training programs and research promotion workshops for corporate sector and educational institutions. The academy is envisioned to become a central hub of activities on training, consultancy work and entrepreneurship programs.

OBJECTIVES

1. To understand framework for scientific enquiry and use electronic resources to conduct literature review.
2. To select appropriate research method for conducting empirical research and use appropriate tools for data collection
3. To prepare a research proposal using appropriate research methodology.

EXPECTED OUTCOMES

The participants will learn

1. E-resources like Mendley, Latex to manage references, report writing, research paper writing & software for detection of plagiarism
2. Various statistical tools for data Management.
3. To prepare research proposals using appropriate research methodology.

IMPORTANT DATES

- **Last date of Online Registration : Feb 17, 2018**
- Spot registration also available, if seats are available.
- Course Dates: **22nd Feb, 2018 to 26th Feb, 2018.**

COURSE CONTENTS

Day 1: Introduction to Research, Types of Research: Historical, Analytical, Interdisciplinary, Evaluative, Participative and Action Research. Analysis and Statement of the Problem, Setting Research Objectives and Formulation of Hypothesis

Day 2: Use Research Guides, Academic Databases, Use of Tools / Techniques for Research, Introduction to Reference Management Software Mendeley

Day 3: Software for paper formatting like LaTeX Software for detection of Plagiarism, Research paper writing, Report Writing, Reference Writing, Data Approximation and Mathematical Modeling, Correlation Analysis, Regression Analysis.

Day 4: Test of Normality, Test of Reliability, Testing of Hypotheses – I (Parametric Tests), Analysis of Variance.

Day 5: Data Approximation and Mathematical Modelling, Correlation Analysis, Regression Analysis. Testing of Hypotheses-II (Non-Parametric Tests), Chi-square test.

RESOURCE PERSONS

Expert from well known Premier Institutes:

1. Prof. Mausumi Bose, Indian Statistical Institute, Calcutta.
2. Dr. Atul Gupta, IIITDM Jabalpur
3. Dr. Chnadra Shekhar Malvi , MITM, Gwalior.
4. Dr. Mrs.Maya Ingle,School of Computer Science, DAVV Indore.

WHO SHOULD ATTEND

This program is open to faculty and research scholars from all the colleges and universities. Industry personnel working in the concerned/ allied discipline may also apply.

HOW TO APPLY

Interested candidate can fill the registration form available online at & attach the fees receipt. on or before **17th Feb, 2018** .

REGISTRATION FEES

1. Faculty & Research scholars(Local) : **Rs.1000/-**
2. Industry person : **Rs. 5000/-**
3. Accommodation charges for out station participants : **Rs. 2500/-**

You can also make online payment as per the following information:

Name of Bank : **PUNJAB NATIONAL BANK, NAVLAKHA, INDORE**

ACCOUNT NO : **3238002100016802**

IFSC CODE : **PUNB0323800**

Account Type : **Current**

