

NATIONAL ONE-WEEK FDP

ON

# INNOVATIONS IN TEACHING AND RESEARCH METHODS (IITRM-2017)

Date : 05<sup>th</sup> June - 11<sup>th</sup> June 2017

*Teach to Learn and Learn to Teach.....*



Organized by



**MODERN ENGINEERING AND MANAGEMENT STUDIES**

BALASORE-756056, ODISHA

## ABOUT THE PROGRAMME

In today's scenario, decision making has become multifaceted and complicated. It thus has become imperative to identify the research problems with the objective of creating knowledge for the benefit of business, economy and society at large. Researchers at times, find themselves technically constrained while promoting research due to lack of understanding of statistical analysis and techniques. So, there is a need of developing an understanding in designing and carrying out research that can better equip faculty to effectively guide their own research and student's research work and dissertation. This FDP focuses on the procedure to do research. As a researcher it is mandatory for one to know the basics, in order to satisfy the purpose of research and establish an acceptable conclusion. This FDP aims to impart knowledge on Research Methodology, Hypothesis Testing, Correlation & Regression, Measures of Central Tendency, Measures of Variability, Measures of Shape, Descriptive Statistics, Probability Distributions, Parametric & Non Parametric tests, Time-series analysis, Literature Review, Citation, Referencing Styles, and Ways to avoid Plagiarism etc. These days the role of research is being introduced at all the levels of education to get the exposure of real world problems and their possible solution to the students. Uses of research tools are going to be very common in prestigious institutions. This FDP will help you to understand the basic as well as advanced concept of research with hand-on experience of SPSS. Various case studies will be discussed to make you comfortable on various research tools. We all welcome you to this FDP of learning and sharing the ideas on research methodology.

## ABOUT THE INSTITUTE

Modern Engineering & Management Studies (MEMS) has been established in the year 2008 for promoting the technical education in the field of Engineering and Management etc for the aspiring youth. It is built in a well planned pollution free environment. It is located in Balasore, the Sand City of Orissa and the Missile Test Centre of India. Built in an area of about 1,00,000 square feet of technical infrastructure, it promises to provide the best possible technical education in Orissa. The campus is built at Banparia on NH 5 near Kuruda, which is only 5 Km from Balasore Railway Station and the Bus Stand. The infrastructure comprises of huge air conditioned well furnished class rooms, seminar halls, lecture halls, various laboratories with adequate equipments, workshop, a well stocked library, and continuous power backup with internet facility. The lush green campus spreads over 12 acres with spacious playground, fitness center, out door sports facilities, indoor games, departmental store and canteen. The well planed arboriculture has added to the beauty of the campus. The Wi Fi network of the entire campus keeps the people connected at all times. The nicely planned hostels and the academic ambience of the campus offer an ideal environment for pursuit of a professional career.

## OBJECTIVE

The objective of the FDP is to help participants to gain basic understanding of research methodology and their utility within related areas as a means of summarizing data, making estimates and testing hypothesis. Participants will learn concepts related to sample statistics and how to make inferences about populations from the same. They will gain quantitative literacy related to basic statistics and learn basics related to research methodology.

## COVERAGE

- Innovations in Teaching.
- Activity & Project-based Teaching
- Audio-visual Advertisements
- Movie-based Teaching
- Situation Handling & Role Plays
- Video-based Caselets
- Teaching through Social Media
- Teaching through Videos/video clips
- Teaching through Historical Cases and Narratives

## PEDAGOGY

- Role Plays
- Case discussion
- Activities
- Discussions
- Hands-on experience Participant Presentation

## TARGET AUDIENCE

With growing importance of research and publications in academic career, this FDP takes care of the needs of:

- Researchers [JRF & SRF]
- Faculty members working on UGC/AICTE approved Institutions.

## REGISTRATION

- Faculty : **500 INR**
- JRF/SRF : **400 INR**

\* Registration fee includes Participation Certificate & Conference KIT. The registration fee does not entitle the participants for the lodging and boarding facility during the programme days.

\*\* The Participants have to arrange their own accommodation. However, on Payment basis the same may be arranged.

**DATE: The last date of registration is 1<sup>st</sup> JUNE 2017. Participants are requested to fill the registration form and send back to the Convenor/ Program Coordinator at mailforjnayak@gmail.com, CC to - jakikhan18@gmail.com.**

## RESOURCE PERSONS

Various Subject experts will be invited from reputed institutes .

## COMMITTEE MEMBERS

### **Chief Patron**

Smt. Sandhya Mohanty

*Chairperson, MEMS*

### **Programme Director**

Prof. (Dr) S. K. Mishra

*Principal, MEMS*

### **Programme Coordinator**

Dr. Jakki Samir Khan

*Dept. of MBA, MEMS*

### **Patron**

Prof. (Dr.) D. K. Tripathy

*Advisor, MEMS*

### **Convenor**

Dr. Janmenjoy Nayak

*Dept. of C.S.E, MEMS*

### **Programme Co-Coordinator**

Mr. Biswajeban Das

*Dept. of CSE, MEMS*

### **Advisory Committee**

Er. S. Mohanty, M.D., SM Consultantancy	Dr. B. K. Das, Director, ITR, Chandipur
Col. (Retd.) S. K. Samantray, Administrator, MEMS	Mr. Arabinda Panda, Vice-Principal, MEMS
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Dr. Asit Das, I.I.E.S.T, Shibpur, WB	Dr. D. P. Mohapatra, N.I.T Rourkela, Odisha
Dr. S. S. Debasish, Utkal University, Odisha	Dr. A. K. Dash, Ravenshaw University, Odisha
Dr. H. S. Behera, VSSUT, Burla, Odisha	Dr. A. B. Jena, F.M. University, Balasore, Odisha
Dr. S. Dehuri, F.M. University, Balasore, Odisha	Dr. J. P. Padhi, KIIT University, Odisha
Dr. Bighnaraj Naik, VSSUT, Burla	Dr. G. T. Chandrasekhar, SSCE, Srikakulam

## Organizing Committee

Mr. R. K. Gochhayat, H.O.D, Dept. of C.E., MEMS	Mr. R. Moharana, H.O.D, Dept. of C.S.E, MEMS
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Mrs. S. Das, H.O.D, Dept. of Basic Science, MEMS	Mr. K. S. Mann, <i>Co-ordinator, QAC, MEMS</i>

## GET IN TOUCH

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# REGISTRATION FORM

## MODERN ENGINEERING AND MANAGEMENT STUDIES

### FDP REGISTRATION FORM

#### “INNOVATIONS IN TEACHING AND RESEARCH METHODS”

(IITRM-2017)

Date : 05th JUNE - 11th JUNE 2017

1. FULL NAME : -----

2. DESIGNATION : -----

3. DEPARTMENT:-----

4. INSTITUTION :-----

5. MOBILE NO : -----

6. E-MAIL : -----

7. PAYMENT DETAILS :

MODE OF PAYMENT : *ONLINE/ DD/ RTGS/NEFT*

BANK NAME : -----

DATE : -----

REF. NO :-----

SIGNATURE OF THE PARTICIPANT

SIGNATURE OF THE HEAD OF THE INSTITUTION

(with Seal)

#### \*\*ACCOUNT DETAILS FOR REGISTRATION

BENEFICIARY NAME:

ACCOUNT NO :

IFSC CODE :

BRANCH :

**Note** : The filled in registration form should be sent to [mailforjnayak@gmail.com](mailto:mailforjnayak@gmail.com) and make a 'cc' to [jakikhan18@gmail.com](mailto:jakikhan18@gmail.com).