



AMITY UNIVERSITY

JAIPUR

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COURSE COORDINATORS

- **Prof. Jagdish Prasad**
Amity School of Applied Sciences,
Amity University Rajasthan
- **Dr. Udai Bhan Singh**
Amity Business School, Amity University Rajasthan

ABOUT

AMITY UNIVERSITY RAJASTHAN

Amity University Rajasthan (AUR) has been established by the Amity University Rajasthan, Jaipur Act, 2008. Government of Rajasthan through the Act of State Legislature and is recognized by University Grants Commission (UGC). Amity University Rajasthan is a part of Amity-India's leading education group with more than 1,50,000 students, 11 Universities, 150+ institutions, 10 overseas campuses in Singapore, Mauritius, South Africa, London, Dubai, Abu Dhabi & Romania. The University has a beautiful tree-lined campus spread over 152 acres of land on the Delhi-Jaipur Highway. The campus includes a rainwater harvesting lake with running fountains, a Neem forest, and an amphitheatre that can seat 1,500 spectators. The University imparts modern, practical and research-based courses whose goal is to make the students industry-ready. Case studies, industry projects, presentations, research work and role-play form an integral part of a student's tenure at Amity.

INTERNATIONAL WORKSHOP ON RESEARCH METHODOLOGY

June 4 - 8, 2018



Organized by:



AMITY INSTITUTE
of APPLIED SCIENCE



AMITY
BUSINESS SCHOOL



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BACKDROP:

The institutions of higher learning in India are facing crucial challenge in creating, nurturing and maintaining the level of quality research especially in social science, commerce, management studies, life sciences etc. The need of the hour is to develop a sound methodological base of research among the budding educationists and researchers to cope up with future challenges. A good research methodology is a key to sound research output. To operationalize this vision, there is a need to train, reorient and reactivate the research scholars, young faculty members, and practitioners in the social science on research methodology. The current workshop is an effort to enrich the scholars on research methodology.

ABOUT WORKSHOP:

The course seeks to acquaint the participants from different disciplines such as Sociology, Economics, Anthropology, Education, Public Administration, Political Science, Population Science, Management Studies, Physical Education, Life Sciences and other applied sciences etc. Increasingly in recent decades, Qualitative, Quantitative and mixed methods have gained currency with social and management researchers as trusted tools to deal with the intrinsic as well as the social, economic and cultural phenomena of interest to them. These methods yield insights about the causes and effects of, and solutions to, social problems. A common element in many of these methods is the engagement of the evaluator with human subjects, which opens up complex sets of issues. A competent researcher is expected to be adequately equipped to address these.

The course covers a gamut of themes from epistemology to the building blocks of research, including topics like a Primer, Arriving at Research Problem, Essentials in Data Collection and Analysis, Quantitative/Qualitative Methods with focus on Evaluation and Development, Designing of tools, Sampling Techniques, Econometrics etc. The workshop shall be conducted in both lecture and interactive mode. In addition to the interactive classroom lectures the participants will be introduced to the use of selected statistical packages like SPSS/STATA. They will also have the opportunity to discuss with the Resource Persons on their synopsis, issues relating to tools of data collection, interpretation of data, use of statistical tools and techniques, etc. depending upon the stage of progression of their research work. Those who are about to complete their research may get an opportunity to share their findings with their peers, faculty and invited experts so that they could incorporate worthy suggestions.

OBJECTIVE OF THE WORKSHOP:

- To enable the participants, define research problem, developing an approach to research problem and selection of suitable research design.
- To impart capabilities for formulation and testing of hypothesis based on the nature of research.
- To comprehend appropriateness of statistical software packages for analyzing research data.
- To enable the participants to understand report writing and writing research proposals.

TENTATIVE CONTENTS:

- Nature of Scientific Methods and its Application to Social Phenomenon & Nature, Importance and Scope of Research
- Types of Research: Historical, Analytical, Interdisciplinary, Evaluative, Participative and Action Research
- Steps in the Process of Research- Problem Selection, Formulation and Planning: How to write a Proposal
- Types of Research Design: Exploratory, Diagnostic, and Descriptive, Experimental; Control Group & Experimental Group; Ex-Post Facto Research Design

- Concepts in Research: Variables & Attributes
- Hypotheses: Concept & Types of Hypotheses, Formulation of Hypothesis, Testing of Hypothesis
- Sampling Design: Probability Sampling and Non-Probability Sampling
- Tool of Data Collection: Primary & Secondary - Questionnaire, Types and Formats
- Content analysis, reliability and validity
- Ethnographical Perspective and Phenomenological Perspective of research
- Descriptive Statistics: Measurement of Central Tendency, Dispersion, Skewness, Kurtosis, Regression and Correlation
- Statistical Inference: Point and interval estimates, Parametric and Non-Parametric Tests
- Analysis of Variance and Co-Variance: One way and two-way classification
- Multivariate Data analysis, Multiple Regression Analysis, Factor Analysis & Principle Component Analysis
- Limited-Dependent Variable and Qualitative data analysis: Logit, Probit, Tobit, Multinomial Logit and Probit, Discriminant analysis, Censored and Truncated regression model
- Structural Equation Modelling
- SPSS/STATA and its application
- Report Writing: How to write an academic Research Paper, Ph.D Thesis and Project Proposal

ELIGIBILITY:

Young researchers and faculty members, who are pursuing or preparing for their Ph.D. programme in the Universities or research institutions, Medical Practitioners, People engage in monitoring and evaluation of programme and policy are also eligible to apply.

ADDRESS FOR CORRESPONDENCE

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- Dr. Udai Bhan Singh, Course Coordinator
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IMPORTANT DATES:

Last date to Register: April 30, 2018

Acceptance Notification: First Come First Basis

PAYMENT DETAILS:

Fee	₹ 3000 (National) \$ 200 (International)
Bank Name	Axis Bank
Branch Address	0-15 Green House Ashok Marg C-Scheme Jaipur 302001
Branch Code	010
Account Name	Amity University Rajasthan
Account No.	010010100496797
Account Type	Saving
MICR Code	302211002
IFSC code	UTIB0000010
Swift Code	AXISINBB010

REGISTRATION DETAILS:

Mail the Scanned copy of duly filled Registration Form along with proof of payment to iwrm2018@jpr.amity.edu and also mark cc to jprasad@jpr.amity.edu on or before April 30, 2018. Selected participants will be informed via e-mail by May 15, 2018. For selected participants, Registration Fee once received will not be refunded.

Note: Registration Fee includes Registration Kit, Course Material, Hi-Tea, Lunch & Dinner. • Accommodation will be provided on request with actual charges based on availability • The candidates must send scanned copy of registration form and proof payment to iwrm2018@jpr.amity.edu and also mark cc to jprasad@jpr.amity.edu.

ADVISORY COMMITTEE:

INTERNATIONAL

- Prof. Kuldeep Kumar**, Deptt. of Economics and Statistics, Faculty of Business, Bond University, Australia
- Prof. Nutan Mishra**, USA
- Prof. P. K. Dashora**, Vice-Chancellor, University of Kota, Rajasthan
- Prof. J. P. Verma**, Director, Centre for Advanced Studies, LNIPE, Gwalior
- Prof. V.K. Gupta**, National Professor,
- Prof. B. S. Bhatt**, Deptt. of Mathematics and Statistics, University of the West Indies
- Prof. Tatiana Iancheva**, Vice rector of National Sports Academy, Bulgaria
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- Prof. J. P. Sharma**, Vice Chancellor, Mohan Lal Sukhadiya University, Udaipur
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- Prof. Kalpana Mahajan**, Punjab University, Chandigarh

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