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NATIONAL WORKSHOP
ON
COMPUTATIONAL TECHNIQUES FOR EDUCATION AND RESEARCH

November 19 – 23, 2018

Organized by
DEPARTMENT OF MATHEMATICS & STATISTICS
**University College of Science
Mohanlal Sukhadia University
Udaipur (Raj.) 313 001**

ABOUT UDAIPUR

Udaipur, the capital of the former princely state of Mewar is a beautiful city in Rajasthan, India. Udaipur city is also referred to as the "Venice of the East", the "Most Romantic City of India" and the "Kashmir of Rajasthan". Udaipur the "City of Lakes" is one among the most romantic and most beautiful cities of India. The city of Dawn, Udaipur is a lovely land around the azure water lakes, hemmed in by the lush hills of the Aravalis. A vision in white drenched in romance and beauty, Udaipur city of Rajasthan state is a fascinating blend of sights, sounds and experiences - an inspiration for the imagination of the poets, painters and writers. Udaipur's kaleidoscope of fairy-tale palaces, lakes, temples, gardens and narrow lanes strewn with stalls, carry the flavor of heroic past, epitomizing valor and chivalry. Their reflection in the placid waters of the Lake Pichhola is an enticing sight.

Udaipur is a popular tourist destination in India. The lakes, palaces and lively workspaces and culture attract foreign and domestic visitors. It is a favourite marriage destination. Many celebrities, including film stars, business families, politicians chose Udaipur to hold marriage ceremonies and parties. Udaipur have three interconnected lakes - the Fateh Sagar Lake, the Lake Pichhola and the smaller Swaroop Sagar Lake; along with forts, palaces, temples, gardens, mountains and narrow lanes lines withdrawn with stalls, relives the reminisces of a heroic past, valor and chivalry. Udaipur city is easily accessible from all the major cities of India including Delhi, Mumbai, Ahmedabad and Jaipur.

ABOUT DEPARTMENT

The Post-Graduate Department of Mathematics and Statistics was established in the year 1964 under the stewardship of eminent mathematicians the then Hon'ble Vice-Chancellor Prof. G. S. Mahajani and Head of the Department Professor S. P. Kaushik along with the establishment of University of Udaipur which was renamed as Mohanlal Sukhadia University in the year 1982.

OBJECTIVES

The workshop relies on some specific computational softwares such as Latex, Mathematica, SPSS and R. Now a days, these have become important tools for functioning and smoothing out for any problem in several fields. Among these, LATEX is an extremely powerful typesetting tool for creating structured documents. It is applicable and most suited particularly in the field of mathematical sciences. It is the standard writing tool to carry out research in the field of Mathematical, Physical and Life sciences along with Engineering & Technology. MATHEMATICA is leading computer software designed, to solve difficult, tedious technical symbolic and numeric calculations.It is also useful to solve the problems graphically. SPSS is popular and user-friendly software. SPSS is the acronym of Statistical Package for the Social Science. SPSS is one of the most popular statistical packages which can perform highly complex data manipulation and analysis with simple instructions. R is a powerful interactive computer package that is oriented towards statistical applications such as matrix calculations, manipulations and graphical facility for interactive data analysis and display.

Main objective of this workshop is to make the participants aware and give handful knowledge about Latex, Mathematica, SPSS and R softwares. By the end of this workshop, we expect that the participants will be well aware about the these computational tools and will also be able to use these softwares in their research work. This workshop will also provide an opportunity to young researchers/academicians/students to interact with the experts of these fields.

THRUST AREA: Latex, Mathematica, SPSS and R.

HOSPITALITY

(A)   **ACCOMMODATION:** The outstation participants will be provided accommodation on share basis at nominal rates @ 200/- Rs. per day i.e. 1000/- Rs for the tenure of the workshop. Since Udaipur is a tourist place, therefore, participants are requested to intimate their participation latest by November 10, 2018 otherwise it will not be possible to accommodate them after the dead line.

(B)   **LUNCH /DINNER:** Breakfast, working lunch, tea/coffee during the workshop will be provided by the organizers.

DEADLINES:

Last date of submission of registration form (Through mail / hard copy)	:	November 10, 2018
Number of seats	:	50
Final list of selected participants will be displayed on	:	November 12, 2018
Last date of depositing the Registration Fee	:	November 15, 2018

REGISTRATION FEES:

Academics/ Institute Delegates	:	Rs. 1200/-
Research Scholars/ Students	:	Rs. 1000/-

The payment of registration fee can be made either through DD or Online/ Bank transfer.

1.   DD should be made in favour of **Head, Department of Mathematics & Statistics,** University College of Science, MLSU, Udaipur payable at Udaipur.

2.   Online payment can be made as per the following details:

Name of the Bank	:	ICICI Bank
Branch	:	Bapu Bazar, Udaipur
Type of Account	:	Saving
Bank Account No.	:	693301213484
IFSC Code	:	ICIC0006933

Details /Proof of online payment must be send through mail.
Kindly visit our official website **www.mlsu.ac.in** time to time for further updates.