Two Days’ Virtual Workshop

“Statistical and Economical Analysis of Data through Packages”

To commemorate birth anniversary (29th June) of
Late Prof. Prasanta Chandra Mahalanobis

NATIONAL STATISTICS DAY-2021

June 29-30, 2021

“Statistics must have a clearly defined purpose, one aspect of which is scientific advancement and the other human welfare and national development.”

Late P.C. Mahalanobis
(29th June, 1893 to 28th June, 1972)

Course Director
Dr. Manish Kr. Sharma
Prof. & Head

Organizing Secretary
- Dr. M.Iqbal Jeelani Bhat
- Dr. Anil Bhat

Organized by: Division of Statistics & Computer Science, FBSc

Registration link: https://forms.gle/Ugo2kg1JqRsmtR1h6
Who can register: Research Scholars/Faculty members
Last Date for Registration: 28.06.2021 upto 11:00 AM
### Program Details

**Objectives:**
- To improve data analysis skills of students with special emphasis on statistical packages like SPSS, R, SAS, etc.
- To provide an interactive platform for students in order to enhance their understanding of Statistical and Economical Techniques used for analyzing data with the help of various Statistical Packages.

**Topics to be covered:**
- Basic Statistics
- Experimental designs
- Statistical Modeling
- Data Visualization
- Time Series
- Economic Analysis
- Multivariate Analysis

### Inaugural (10:00 - 11:00 AM)
**(29th June, 2021 (Tuesday))**

<table>
<thead>
<tr>
<th>S.No</th>
<th>Topic</th>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Statistical Testing and Applications</td>
<td>11:00-11:40 AM</td>
<td>Dr. S. E. H. Rizvi</td>
</tr>
<tr>
<td>2.</td>
<td>ANOVA and RM-ANOVA</td>
<td>11:40-12:20 PM</td>
<td>Dr. Manish K. Sharma</td>
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<td>3.</td>
<td>Statistical Modeling and Data Visualization</td>
<td>12:20-1:00 PM</td>
<td>Dr. M. Iqbal Jeelani Bhat</td>
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</tbody>
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**Break (1:00 – 2:00 PM)**

| 4.   | Time Series Modeling and Analysis         | 2:00-2:40 PM    | Dr. Archana                 |

### 30th June, 2021 (Wednesday)

<table>
<thead>
<tr>
<th>S.No</th>
<th>Topic</th>
<th>Time</th>
<th>Speaker</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Economic Analysis of Discounted and Un-Discounted Data</td>
<td>9:30-10:10 AM</td>
<td>Dr. Anil. Bhat/ Mr. Nishant</td>
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<td>2.</td>
<td>Augmented Design</td>
<td>10:10-10:50 AM</td>
<td>Dr. Manish K. Sharma</td>
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<tr>
<td>3.</td>
<td>Principal Component Analysis and its Application</td>
<td>10:50-11:30 AM</td>
<td>Dr. M. Iqbal Jeelani Bhat</td>
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### Valedictory (11:30 AM onwards)

**Note:** Registration is free on first cum first basis. Number of participants is limited to 100.

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**Prof. Rahul Gupta, Director HRDC**
University of Jammu (Guest of honour) addressing during NSD - 2019

**Hon’ble Vice Chancellor interacting with the students online during NSD-2020**