

# National Conference on Data Science for Climate Resilience (NCDSCR-2024)

on  
5 – 7 December, 2024

**Organized by Department of Mathematics**

## **Event 2: Data Visualization Challenge**

### 1. Competition Objectives:

This challenge allows participants to showcase their data visualization skills using Power BI, Python, and R Studio. The aim is to create clear, impactful, and innovative visualizations that convey meaningful insights.

### 2. Conditions and venue of the competition:

- Open to individual participants or team of 2 members.
- Venue: 205, Department of Mathematics,  
The Institute of Science, Mumbai
- Time: 01:30 p.m.
- Link for registration: Same as the registration link.

### 3. Procedure for participation in the competition:

- Participants have to register before the deadline by completing an online registration form.
- All required fields are to be filled in by each Participant.

### 4. Competition Guidelines:

- Duration: 30 minutes with report making included. Followed by 2-minute presentation and Q&A session.
- Content: Visualizations should include clear titles, labels, legends and annotations. Thoughtful and creative use of each tool's features (e.g., Power BI's interactivity, Excel, Python's libraries like Matplotlib or Seaborn, or R's ggplot2) is encouraged.
- Report to be submitted should be a word or pdf file.

5. Evaluation Criteria:

- Problem Solving (30%)
- Innovations and Creativity (40%)
- Presentation skills (20%)
- Q&A Performance (10%)

6. Code of Conduct:

- All participants must respect the time limits and maintain professionalism.
- Offensive or inappropriate content, language, or behavior will not be tolerated and may result in disqualification.

7. Prizes:

Winners will be announced on the day of presentation in the valedictory function and the prizes are as follows:

- 1<sup>st</sup> place – Rs. 4000
- 2<sup>nd</sup> place – Rs. 3000
- 3<sup>rd</sup> place – Rs. 2000

8. Deadline:

Register deadline 24 November 2024.

9. Contact Information:

For any inquiries, contact the competition organizers

WhatsappNo. 9819077460

Email –id:dsc2024@iscm.ac.in