Short Term Course

- : Data Analysis using R Topic
- May 04, 24 June 09, 24 **Duration** :
- **Durgapur Regional** Place Centre, NSOU

NETAJI SUBHAS OPEN UNIVERSITY (NSOU)

CENTRE FOR PROPAGATION OF SCIENTIFIC KNOWLEDGE (CPSK)



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Salient Features



- 48 Hours of hands on •
- **Duration : 4 Weeks** •
- Weekend Classes
- **Online Doubt Clearance Sessions**
- Weekly Assignments ٠
- Case Study from different domains ٠
- State of the art laboratory
- **Participation Certificate** ٠



Centre for Propagation of Scientific knowledge (CPSK), NSOU:

The Centre for Propagation of Scientific Knowledge organizes different Educational Programmes in the frontier areas of Science, and Technology to disseminate scientific knowledge by stimulating and supporting scientific interactions and communications between the faculties and different interested stakeholders under the aegis of School of Sciences, NSOU.

About Netaji Subhas Open University (NSOU):

Netaji Subhas Open University is the only open university (grade A by NAAC) in west Bengal, delivers to build up the quality human resource base of the State and moves towards the improvement of the quality of open distance education,



SHORT-TERM COURSE ON

"Data Analysis using R" at NSOU Reginal Centre - Durgapur

4th May – 9th June 2024

Call for Registration and Participation

Coordinator

Mrinal Nath Assistant Professor of Computer Science School of Sciences, NSOU

Assistant Coordinator

Dr. Chandan Kr. Mondal Assistant Professor of Mathematics School of Sciences, NSOU

Advisor

Dr. Soumen Nandi Associate Professor of Computer Science School of Sciences, NSOU

All laboratory sessions of the course will be organized at Durgapur Regional Centre, NSOU. The complete address is:

Durgapur Regional Centre, NSOU Jawahar Lal Nehru Road, Durgapur, Paschim Bardhhaman - 713 214. (adjacent to Durgapur Govt. Degree College)

Detailed Schedule:

Week No	Offline Laboratory Session		Online Doubt Clearance session	
	Date	Time	Date	Time
Week - 1	May 04 (Sater Day)	10 - 30 am – 5 - 30 pm Break: 1-30 pm – 2-30 pm.	May 08 (Wednesday)	7 pm – 9pm
	May 05 (Sun Day)	10 am – 5 pm Break: 1 pm – 2 pm		
No offline/online sessions between May 11 – May 17 due to assembly election in Durgapur.				
Week - 2	May 18 (Sater Day)	10 - 30 am – 5 - 30 pm Break: 1-30 pm – 2-30 pm.	May 22 (Wednesday)	7 pm – 9pm
	May 19 (Sun Day)	10 am – 5 pm Break: 1 pm – 2 pm		
Week - 3	May 25 (Sater Day)	10 - 30 am – 5 - 30 pm Break: 1-30 pm – 2-30 pm.	May 29 (Wednesday)	7 pm – 9pm
	May 26 (Sun Day)	10 am – 5 pm Break: 1 pm – 2 pm		
No offline/online sessions between June 1 – June 07 due to assembly election in Kolkata.				
Week - 4	June 08 (Sater Day)	10 - 30 am – 5 - 30 pm Break: 1-30 pm – 2-30 pm.	June 12 (Wednesday)	7 pm – 9pm
	June 09 (Sun Day)	10 am – 5 pm Break: 1 pm – 2 pm		



Overview of the short term course:

This course aims to equip participants with the fundamental knowledge and practical skills analysis necessary to perform data tasks efficiently using R.

Objective:

- Introduce participants to the fundamentals of \geq R programming language.
- with statistical \geq Familiarize participants analysis techniques and methods using R.
- \geq Enable participants to generate visualizations to communicate data insights effectively.
- \geq Provide hands-on experience with practical data analysis using real-world datasets from diverse domains such as Social Science, Biological Science, Economics, Finance, etc.

Sequence,

Course Content:



Resource Persons:

Mrinal Nath

Assistant Prof. of Comp Sc., NSOU M.C.A. (JU), NET(CS), GATE(CS), 9 Years of teaching exp. in UG and PG Level, 10 Years of industrial exp. of handling large data and complex programming problems in MNCs.

Dr. Soumen Nandi

Associate Prof. of Comp. Sc., NSOU M.Sc., M.C.A., M.Tech, Ph.D.(ISI) 17 Years of teaching exp. in UG and PG Level 12 Years of research exp. in theoretical computer science.

Dr. Chandan Kumar Mondal

Assistant Prof. of Mathematics., NSOU M.Sc., Ph.D. (University of Burdwan) 5 Years of teaching exp. in UG and PG Level 8 Years of research exp. in Differential Geometry, Functional Analysis, Linear Algebra.

Registration is open for:

- \geq Undergraduate students (Honours or general) in science, social science, commerce, engineering seeking to grasp data analysis principles and methods for their future careers.
- \triangleright Master's degree students across disciplines aiming to pursue careers in Data Science or Analytics.
- \triangleright Research scholars requiring data analysis skills to support their research.
- \geq Working professionals looking to enhance their data analysis abilities for current or prospective job roles

Registration Fee:

Course Fee: (Payable at the time of Rs. 2500/-Admission)

Participants will receive certificate after competing the course..

How to apply:

Eligible candidates may apply for admission to the course using following link before 30th April 2024.

Admission Form.

Upon submission of the admission form, interested candidates will receive details of the bank account and IFSC code through their registered email IDs.

Last Date for submitting Admission form : 3rd May 2024

Confirmation on Participation:

After submitting the admission fee, participants will receive a confirmation email and message on their registered email and phone number. Due to the laboratory-based nature of the course, seats are limited, and admission will be granted on a first-come, first-served basis.