



under the aegis of IQAC

presents

ONLINE TRAINING PROGRAMME

on

EXPERIMENTAL DATA ANALYSIS

DATE: February 18 - 19, 2021

TIME: 9:30 AM onwards

Who can participate?

Students / Research Scholars / Faculty
Members/ Academicians / Industry
Professionals

Link for Registration:

<https://rb.gy/vydsxn>

Last Date of Registration:

February 16, 2021

ABOUT THE COLLEGE

Shaheed Rajguru College of Applied Sciences for Women, affiliated to University of Delhi and funded by Govt. of NCT of Delhi was established in the year 1989. It offers Bachelor's degree in 14 courses related to Science, Applied Sciences, Arts and Management. The college has around 1700 students at present hailing from different parts of the country. The college gives its students opportunity to excel in sports and cocurricular activities as well.

ABOUT THE DEPARTMENT

The Department of Food Technology started functioning in the college since it's establishment in 1989.

The Department helps students gain the requisite knowledge, skills and aptitude in the field of Food Technology to enable the students to understand the food composition along with its physico-chemical, nutritional, microbiological and sensory aspects, to acquaint the students with the technologies of food processing and preservation of plant and animal foods; cereals, pulses, oilseeds, fruits vegetables, spices, meat, fish, poultry, sea food, milk and dairy products, to stress on the importance of food safety and quality management, national and international food laws and regulations as well as the importance of food engineering and packaging in food industry.

The Department trains students not only in the core components but also in areas which are need based, innovative and relevant keeping in pace with the fast growing food industry.

ABOUT THE PROGRAMME

Statistics has been inextricably entwined with all the branch of research which is required by an undergraduate student to a research scholar for conducting their research and representing data. The workshop thus focused on providing practical experience on statistical data handling, data management, and data interpretation along with accessing the interactions between different experimental variables, using statistical tools such as Microsoft Excel, SPSS, and Design Expert. The basic and advanced content of workshop would serve as a reference guide for the students and researchers to systematically conduct their lab experiments and statistically interpret and represent the data. This course will offer participants a hand on experience on use of mathematical formulas, pivot tables, graphs, and statistical models, aiding in planning of experiments, systematic implementation and statistical representation of data for writing reports and research papers.

OBJECTIVE

- To understand data visualization, data handling and data management.
- To statistically plan and conduct lab experiments.
- To improve the cost effectiveness and efficiency of process optimization.
- To enhance skills on descriptive statistics and multivariate analysis by using MS-EXCEL, SPSS, and Design Expert software

OUTCOME

- Will be beneficial for graduate students/ post graduate students/ research fellows who wish to enhance their practical knowledge and skills in quantitative and qualitative data analysis using software like MS-EXCEL, SPSS, and Design Expert.
- Participants will be provided study materials and course handouts.
- Interactive online sessions and presentations.
- Experiential learning through data analysis.
- E-Certificate

PROGRAMME SCHEDULE

DAY 1 - FEB 18, 2021

TIMINGS	EVENT	SPEAKERS
09:45 - 10:15 AM	INAUGURATION & ORIENTATION PROGRAMME	
10:15 - 11:15 AM	DESCRIPTIVE STATISTICS & EXPLORATORY DATA ANALYSIS	DR. CINI VARGHESE
11:15 - 12:15 PM	MS-EXCEL: STATISTICAL PROCEDURES	DR. CINI VARGHESE
12:15 - 14:00 PM	BREAK	BREAK
14:00 - 15:00 PM	TESTING OF HYPOTHESIS & BASIC DESIGN OF EXPERIMENTS	DR. SEEMA JAGGI
15:00 - 16:00 PM	SPSS FOR DATA ANALYSIS	DR. SEEMA JAGGI

DAY 2 - FEB 19, 2021

09:50 - 11:30 AM	FACTORIAL EXPERIMENTS	DR. ARPAN BHOWMIK
11:30 - 12:30 PM	SPLIT & STRIP PLOT DESIGN	DR. ARPAN BHOWMIK
12:30 - 14:00 PM	BREAK	BREAK
14:00 - 15:00 PM	RESPONSE SURFACE METHODOLOGY: CASE STUDIES AND EXPERIMENTATION	DR. ELDHO VARGHESE
15:00 - 15:30 PM	VALEDICTORY FUNCTION	

SPEAKERS

DAY 1



DR. CINI VARGHESE

Principal Scientist,
ICAR-IASRI, New Delhi



DR. SEEMA JAGGI

Head. (A) Design & Experiments
Professor Agricultural Statistics
ICAR-IASRI, New Delhi

DAY 2



DR. ARPAN BHOWMIK

Scientist,
ICAR-IASRI, New Delhi



DR. ELDHO VARGHESE

Scientist,
Fishery Resources
Assessment Division
ICAR- CMFRI, Kerala

REGISTRATION FEES

UG/ PG Students.....	₹ 200/-
Research Scholars.....	₹ 500/-
Faculty Members.....	₹ 500/-

(Limited Seats)

- Acceptable mode of payment: PAYTM

PAYMENT PROCEDURE

- Kindly visit www.rajgurucollege.com
- Click on online payments on important link panel (Right top of the page)
- Click on Paytm.
- Select your Institute's Area ----> **STUDENT SOCIETY**
- Write **2021** in **College Roll No.**
- Fill all the information and amount.
- Proceed
- PLEASE FILL **EDA FOODTECH WORKSHOP** in place of **REMARK**
- Last Date of Registration: FEBRUARY 16, 2021
- Registration Link: <https://rb.gy/vydsxn>

ORGANIZING TEAM

- Dr. Payal Mago (Principal)Patron
- Ms. Para DholakiaConvenor
- Dr. Ranjana SinghMember
- Dr. Deepa JoshiMember
- Ms. Saumya ChaturvediMember
- Ms. VandanaMember
- Ms. Prabhjot Kaur SabharwalMember
- Dr. Twinkle Sachchan Member
- Dr. Jyoti NishadMember
- Ms. Jagriti NandiMember

For further information, please contact:- Dr. JYOTI NISHAD- 09891963112

Shaheed Rajguru College of Applied Sciences for Women

UNIVERSITY OF DELHI

www.rajgurucollege.com

