HOW TO PARTICIPATE

Interested candidates are requested to send the duly filled registration form to **events@tecnia.in**

PARTICIPANTS PROFILE

- Academic Fraternity in Management, Science and IT, Journalism and Mass Communication, Information Service Providers .
- Professionals working in Industry and Research in the areas of IT.
- Students and Research Scholars.

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Dr. R. K. Gupta, Chairman, Tecnia Group of Institutions, Delhi

DIRECTOR

- Prof. (Dr.) Ajay Kumar, Director, TIAS

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- Dr. Nasib S Gill, Professor, M D University, Rohtak
- Prof. Mukesh Dhunna , Professor, M D University, Rohtak
- Prof R P Tulsian, Delhi University
- Prof M. P. Gupta, Former Dean, FMS, Delhi.
- Prof A K Bardhan, FMS, Delhi

FDP CONVENER

- Dr. Sandeep Kumar, Convener

ORGANISING COMMITTEE

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- Dr. Arun Bhatia
- Dr. Vandana Raghav
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- Ms. Antika Bhargava
- Mr. Anil K Jharotia

《 REGISTRATION FORM 》

Name of Participant Dr./Mr./Ms.: _____

Designation: _____ Department: _____

Organization/Institute: _____

Address: _____

_____

City: _____ State: _____ Country: _____

PIN: _____ Phone No. with STD Code: _____

Mobile: _____ E-mail: _____

Work Experience: _____ Gender: Male / Female

Registration Fee Details (Please mark (√) accordingly):

Delegate Category	√	Registration Fees		Draft	Cash
		National			
Participant		Rs. 1000/-			

All Drafts should be in favour of "**Tecnia Institute of Advanced Studies**" Payable at New Delhi.

For ONLINE TRANSFER:- Bank A/c No.: 53001143127; Bank Name: State Bank of India; IFSC Code: SBIN0030432; MICR Code: 110005012; Bank Address: Sector-14, Rohini, New Delhi
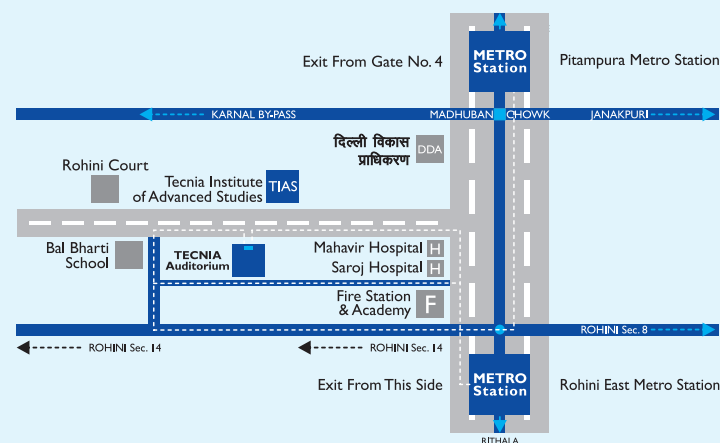
Please Note:

- Please fill the Registration form neatly in capital letters.
- Last date for receiving the applications is 22nd June 2019.
- A certificate would be issued to the Participants.
- Fee does not include accommodation, local/outstation travel. No refund will be allowed for Cancellations made. Outstation candidates needing assistance in accommodation (on payment) may Contact the FDP Convener at the address given below.

Kindly send your Registration Form and DD by post to:
Dr. Ajay Kumar, Director; Dr. Sandeep Kumar, Convener
TECNIA INSTITUTE OF ADVANCED STUDIES
Institutional Area, Madhuban Chowk, Rohini, Delhi-85, India
Phone:011-27555121-22-23-24 • Mobile: 9811229001, 9818086307 • Fax: 27555120

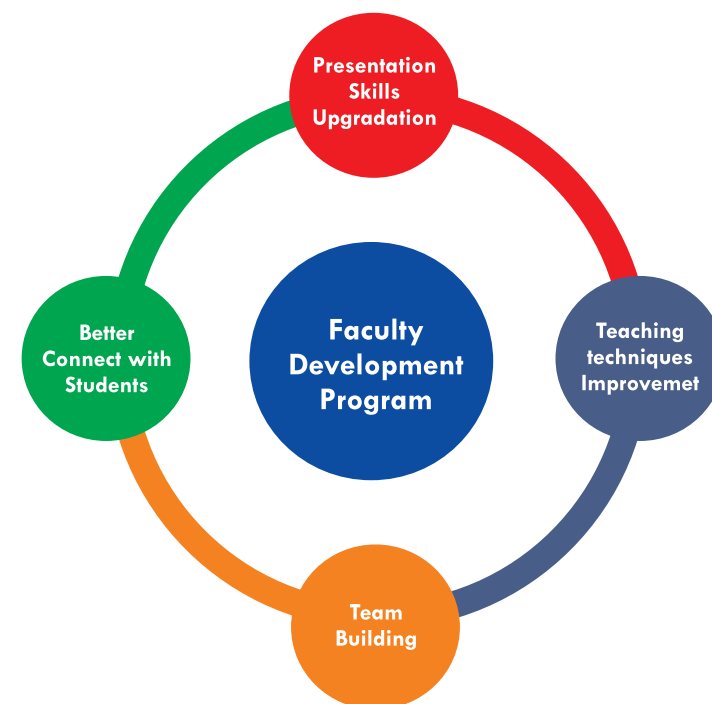### ROUTE MAP

One Week
Faculty Development Progamme

RESEARCH METHODOLOGY AND DATA ANALYSIS USING SPSS

24th - 28th June, 2019 • TIAS Campus

Organized by:
Internal Quality Assurance Cell

TECNIA INSTITUTE OF ADVANCED STUDIES
NAAC ACCREDITED GRADE "A" INSTITUTE
Approved by All India Council for Technical Education, Ministry of HRD, Govt. of India;
Affiliated to Guru Gobind Singh Indraprastha University, Delhi;
Recognized Under Sec. 2(f) of UGC Act 1956.
INSTITUTIONAL AREA, MADHUBAN CHOWK, ROHINI, DELHI-110085
T: 011-27555121-24 • E: directortias@tecnia.in • W: www.tiaspg.tecnia.in

ABOUT TECNIA

The Tecnia Institute of Advanced Studies (TIAS); NAAC Accredited Grade "A" Institute; ISO 9001:2015 & 14001:2001 Certified Institute; Rated by Joint Assessment Committee (JAC), DHE, Govt.of NCT of Delhi & Guru Gobind Singh Indraprastha University, Academic Audit & State Fee Regulatory Committee, as (A Category) Institute; "A++" Category, Best Business School by AIMA-Business Standard Survey, Included in Top 100 B & IT School by Dalal Street Investment Journal.

ABOUT FDP

This FDP is intended to train participants with basic & advance data analysis skills using SPSS to produce quality research work. The key focal point of the training will be to identify the right statistical tools and techniques for different research objectives and carrying out data analysis using SPSS.

The participants will learn how to make the data ready for analysis, data entry and analysis in SPSS. The workshop will enable them to analyze & interpret the concerned data through SPSS. Complete hands-on training methodology will be used targeting on 'do how' rather than only 'know how'.

Who should attend?

- Faculty in quest of direction on supervising research
- PhD scholars, researchers, MPhil students enrolled in different universities and want to develop their data analysis skills.
- Professionals interested in quantitative research

OBJECTIVES OF THE FDP

- To provide the platform for discussion on the statistical requirements of research
- To train and inculcate the skills for Data Analytics using SPSS
- Hands on practical sessions on data handling, analysis & deriving preliminary results & Practical sessions with suitable illustrations and demonstrations.
- Discussion on the interpretations of results and presentation
- Analyze data using basic and advance statistical techniques in SPSS
- Interpret SPSS output tables and report findings.

WHY TO ATTEND FDP?

- Conceptual clarity of the research process and methodology through SPSS.
- Familiarity with Data Analysis tools and techniques of management decision making approach through SPSS.
- Discussions and Interaction by Experts and experience sharing with co-participants from different research areas across India.
- Focuses on maximizing hands on development of practical skills and data analytical tools.

PROGRAM SCHEDULE

Day 1

- Introduction to Software-SPSS
- Data Structure
- Data Types
- Import and Export Data
- Data Manipulation
- Data Transformation
- Practice with Data Sets

Day 2

- Aggregation and Summary Reports
- Descriptive Statistics
- Functions and Formulas
- Graphs
- Practice with Data Sets

Day 3

- Q&A Session
- Hypothesis
- One Sample T-Test
- Two Sample T-Test
- Paired T-Test
- Practice with Data Sets

Day 4

- Q&A Session
- One Way ANOVA
- Multivariate ANOVA
- Correlation
- Chi-Square
- Practice with Data Sets

Day 5

- Q&A Session
- Linear Regression
- Diagnosis
- Practice with Data Sets
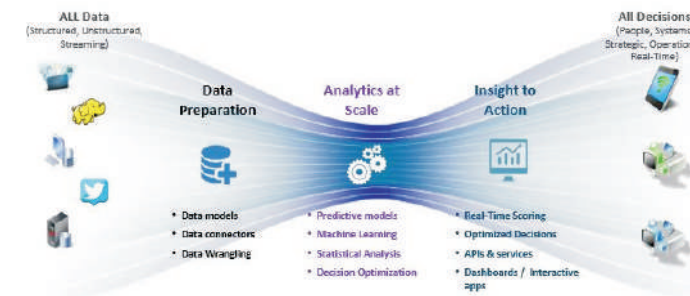
RESOURCE PERSONS

Harsh Kumar Singh

- Data Scientist & Consultant with more than 10 Years of work experience and 6 years of training exp in SAS, SPSS, R & Python and trained over 500 students from areas like Healthcare, Insurance, Banking, Telecom fields & Human Resource.
- Worked with Fortune 500 companies like Patni Computers, Hewitt Associates, Convergys , Metlife Global and IBM India in past.
- Experience in Statistical Modeling and techniques used for Analysis like Linear Regression, Logistic Regression, Cluster Analysis, Decision Tree, Time Series, Conjoint Analysis, Forecasting, Factorial Analysis, ANOVA , T-Test, Chi-Square Test etc.
- Good understanding of Big data and Business Analytics concept.
- Developed and design the statistical algorithm to solve the business problem

Dr. S S Handa

- Former Sr. Professor & Consultant of Quality Management Sciences (QMS), at Indian Statistical Institute, New Delhi
- M.Stat (ISI, Kolkata), Ph.D. (Computer Science)
- Specialization: Statistics and TQM

IMPORTANT DATES

Last date for Registration: - 22nd June 2019

Date of FDP - 24th -28th June 2019

REGISTRATION FEE

Registration fee for each participant   Rs. 1,000/-

SPSS data analysis