

Faculty Development Programme

On

Research Methodology and SPSS & AMOSS Training



Date : October 1st & 4th, 2010

Day: Friday & Monday

Venue: TIAS

Organized By

Department of Business Administration



TECNIA INSTITUTE OF ADVANCED STUDIES

Approved by AICTE, Ministry of HRD, Govt. of India Affiliated To Guru Gobind Singh Indraprastha University, Delhi

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Faculty Development Programme

Prelude

The Institute has been making proactive efforts to upgrade the knowledge and skills of faculty members. For this purpose the Institute is organising FDP for faculty members as per the UGC Guidelines, Institute intends to conduct FDP for faculty members in their chosen areas of specialization. Faculty Development Programme (FDP) aims at equipping faculty with skills and knowledge that are essential for inculcating entrepreneurial values in students and guiding and monitoring their progress towards entrepreneurial career.

A Faculty Development Programme (FDP) is designed to train and develop professionals in entrepreneurship development so that they can act as resource persons in guiding and motivating young Students to take up research as a career. The FDPs provide inputs on process and practice of entrepreneurship development, communication and inter-personal skills, creativity, problem solving, achievement motivation training, inputs on resource and knowledge industries. The training methodology includes case studies, group discussion, games and simulation exercise, field visits and classroom lectures.

Objective

This program seeks to provide inputs on some of the important steps in the process of doing academic research for publishing in academic journals and for completing doctoral dissertation work. It focuses on Research Methodology and Usage of SPSS tools. It seeks to provide inputs on the principles as well as procedures associated with some of the important steps in academic research process including research question identification, concept specification, theory building, hypothesis specification, scale development, research design specification, and documentation of research process and outcome.

For Whom

This program seeks to provide research methods inputs for doing academic research. It will be relevant for:

- Faculty members with or without a doctoral degree who wish to do academic research for publishing it in academic journals in the areas of Organizational Behavior, Human Resource Management, Organization Theory, Strategic Management, and Marketing.

- Faculty members pursuing their doctoral education who need to do academic research for their dissertation work in the areas of Organizational Behavior, Human Resource Management, Organization Theory, Strategic Management, and Marketing.

Target Group

Faculty of Management Institutions, persons from the organization engaged in entrepreneurship development. SPSS has become a leader in predictive analytics technologies through a combination of commitment to innovation and dedication to customers in virtually every industry, including telecommunications, banking, finance, insurance, health care, manufacturing, retail, consumer packaged goods, higher education, government, and market research.

SPSS offers Predictive Analytics Software, (Predictive Analytical Software) PASW, is the new name for the complete portfolio of SPSS Predictive Analytics products. This new naming standard unifies the product families under consistent and descriptive nomenclatures to reflect the broad functionality and seamless integration among SPSS tools. The SPSS software portfolio will carry the PASW naming standard beginning with the releases of PASW Modeler 13 and PASW Text Analytics 13. With SPSS we Manage the future more efficiently

SPSS offers software and solutions that help organizations direct and automate decisions to meet their goals and achieve measurable competitive advantage.



IBM SPSS Modeler



IBM SPSS Statistics 18



Amos 18.0



Sample Power 2.0



Answer Tree 3.1

Coverage

Inputs will be provided on the following steps.

- Research question identification
- Theory building (concept specification, choosing premises, doing logical reasoning, etc.)
- Hypothesis specification
- Scale development and scale validation
- Research design specification (survey designs, experimental design, and quasi-experimental designs)
- Documentation of research process and outcomes

Note: Data analysis for hypothesis testing will not be covered for which inputs from a statistical data analysis course will be relevant. However, some broad guidelines on the steps in the process of hypothesis testing will be covered.

Pedagogy

The pedagogy will reflect the coordinator's extensive experience in the area of research methods for academic research. This experience includes teaching research methods and advanced research methods courses to doctoral program students and teaching research methods course to faculty development program participants. The Resource Person has also served as the guest editor for a journal special issue and guided doctoral students in their research and dissertation work.

The pedagogy will include the following:

- Instructions on various aspects of the above outlined coverage.
- Illustrations through hypothetical examples and examples from actual journal articles.
- Hands-on work on a few steps by the participants in a guided mode.

Fee

For Participants from AICTE approved institutions : Rs. 500.00

From Non-AICTE Approved Institutions : Rs. 1000.00

The fee is to be paid in advance by Demand Draft drawn in favour of "Tecnia Institute of Advanced Studies" payable at " Delhi". The fee covers only , academic input costs for participants.

Applications for registration along with demand draft/cheque should be sent to:

Dr. R K Sharma - Convenor
Tecnia Institute of Advanced Studies
3, PSP Institutional Area. Madhuban Chowk
Rohini Delhi – 110085, India.
Phone:011-27555121-22-23-24
Mobile: +919810225339, Fax: 27555120

LAST DATE

Nomination forms duly endorsed by the Head of the Institution along with DD should reach the FDP Office latest by **October 01, 2010.** upto 9.30 AM. The acceptance will be communicated by September **30,2010** by e-mail. Nomination forms if required can also be downloaded from website.

SUGGESTED SCHEDULE FOR FACULTY DEVELOPMENT PROGRAMME (FDP)

Day	Morning Session I	Session Session II		Afternoon Session III	Session Session IV
1st	Registration	Inauguration		Programme Objective & Orientation	Historical Background - Indian Values vis-a-vis entrepreneurship & the present scenario
2nd	Why Entrepreneurship: Entrepreneurship-Concept	Ist Session to be continued..	L	EDPs- methodologies & strategies- promotional work & developmental inputs	IIIRD session to be continued.
3rd	EDPs in India- role of DST (NSTEDB) and other promotional institutions	Profile of an entrepreneur	U	How to Identify and Select Potential Entrepreneurs: various tool and techniques	Individual Counseling Techniques
4th	Business Environment Scanning	Market survey: tools and techniques	N	Project Identification & opportunity guidance	IIInd session to be continued..
5th	How to start a SSI unit (general concept about the govt. formalities, rules & regulations etc.)	Agencies involved in promoting & assisting SSI units	C	Role of Supporting Agencies- DIC, SIDC, etc- A panel discussion	Role of Financial Institutions Banks / SFC etc- A panel discussion
6th	Achievement Motivation Training (AMT) : how to develop achievement motivation	Ist session to be continued..	H	Ist session to be continued..	Ist session to be continued..
7th	Technical aspects of SSI unit	Environmental/Pollution control and Energy saving / Non-conventional energy sources aspects	B	Technology assistance from R&D labs & other	Promotion & Support to Technology Development

				institutions	Schemes of DST & other agencies including Venture Capital Fun
8th	Financial aspects of SSI units: Project cost, Source of finance, Cost of production & Profitability	Financial Aspects of SSI Unit- financial projections, BEP, working capital assessment etc	R	Marketing management & marketing support available to SSI units	Illrd session to be continued.
9th	How to prepare a Business Plan (Project Report)	1st session to be continued.	E	Problem solving & decision making	Problems & Issues in the management of SSI units
10th	Factory Visit	Factory Visit	A	Factory Visit	Factory Visit
11th	Communication skills- interacting with people for better results	Managerial Aspects (Including Labour Legislation Commercial Acts etc)	K	How to make proposal for EACs and EDPs and how to organising an EAC, EDP	Interface with successful entrepreneur & success stories
12th	Action Plan and Feed Back	Valedictory			

RESEARCH METHODOLOGY WORKSHOP SCHEDULE

Day Topic Time

Day 1 **Quick Review of Research Process, Measurement and scale construction, Reliability and validity of scales, Questionnaire design**

9:00-11:00

Tea Break 11:00-11:30

Data preparation – Coding & Tabulation, descriptive statistics & Cross-tabulation (through SPSS)

11:30-1:00

Lunch Break 1:00-2:00

Sampling Fundamentals 2:00-3:30

Tea Break 3:30-4:00

Computer Lab 4:00-5:00

Day 2 **Multivariate analysis: Multiple Regression 9:00-11:00**

Tea Break 11:00-11:30

Regression Analysis- Factor analysis 11:30-1:00

Lunch Break 1:00-2:00

Hypothesis testing (Parametric tests) 2:00-3:30

Tea Break 3:30-4:00

Hypothesis testing (Non-Parametric tests) 4:00-5:00

Research Methodology & SPSS

Date : 4th & 5th October 2010

Faculty Development Programme

Registration Form

Name:

Designation:

Organization:

Address:

.....

Phone: Mobile:

E-mail:

Gender: Male Female

Academic Qualifications:

Professional Qualifications:

Work Experience:

Participation Fee: Demand Draft (DD) No. Dated

Drawn on

Date:

(Signature of the Participant)

(Please fill the form neatly in capital letters)

About TIAS

Tecnia Institute of Advanced Studies was established in the year 1998 by Health and Education Society (Registered) to advance the cause of quality education in Management, Information Technology and Mass Communication. Since then, it has made commendable progress and stands today as an Institute of excellence in management and technical education, training, research and consultancy services.

The Institute is affiliated to G.G.S. Indraprastha University for conducting MBA, MCA, BBA and BJMC programmes. The Institute is ISO 9001:2008 certified in recognition of its well established system, procedures and quality education and is Institute is rated as "A" Category Best Business School by Latest AIMA-Business Standard Survey & included in Top 100 B – Schools & IT Schools by Dalal Street Investment Journal



Where Dreams are chiseled into Reality

TECNIA INSTITUTE OF ADVANCED STUDIES

All Correspondence should be addressed to:

ORGANISING COMMITTEE :

<i>Dr. Ajay K. Rathore</i>	-	<i>Director</i>
<i>Dr. R.K. Sharma</i>	-	<i>Convener</i>
<i>Mr. Sachin Sabharwal</i>	-	<i>Co-Convener</i>

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