



**Anjuman-I-Islam's
ALLANA INSTITUTE OF
MANAGEMENT STUDIES**

&

**TATA INSTITUTE OF
SOCIAL SCIENCES - MUMBAI**



Conduct a
One week Faculty Development Programme on
**"INTRODUCTION TO MULTIVARIATE TECHNIQUES:
THEORY, CONCEPTS AND APPLICATIONS"**

From:

1st Apr, 2019 to 8th Apr, 2019

Timings:

2:30 p.m. to 7:30 p.m.

Venue:

MMS Computer Lab, 2nd floor,
AIAIMS Building,
Anjuman-I-Islam Campus



**Last date for Registration:
25th Mar, 2019**



One week Faculty Development Programme on "INTRODUCTION TO MULTIVARIATE TECHNIQUES: THEORY, CONCEPTS AND APPLICATIONS"

About TISS:

The Tata Institute of Social Sciences (TISS) was established in 1936 as the Sir Dorabji Tata Graduate School of Social Work. In 1944, it was renamed as the Tata Institute of Social Sciences. The year 1964 was an important landmark in the history of the Institute, when it was declared Deemed to be a University under Section 3 of the University Grants Commission Act (UGC), 1956.

Since its inception, the Vision of the TISS has been to be an institution of excellence in higher education that continually responds to changing social realities through the development and application of knowledge, towards creating a people-centred, ecologically sustainable and just society that promotes and protects dignity, equality, social justice and human rights for all.

Today, TISS offers teaching, research and outreach programmes from four campuses: Mumbai (Main and Naorji) established in 1936; Tuljapur, established in 1986; and Guwahati and Hyderabad, both established in 2011. The Institute also offers teaching, training, research and development support from Centres at Chennai, Delhi, Patna, and Chuchyimlang. TISS is a unique institution that brings together high quality scholars and practitioners from Social, Economic, Political, Physical, Habitat, Engineering, Health, and Environmental Sciences to co-create teaching and research programmes to address the most critical current and emerging issues of the nation. It is one of the key universities supported by the UGC/Ministry of Human Resource Development in the disciplinary and inter-disciplinary areas of Social Sciences that provides teaching and research to build human service professionals for the social sector.

In the 3rd cycle of assessment held in February 2016, The National Assessment and Accreditation Council (NAAC) rated TISS with a score of 3.89 out of 4.00, the second highest score among universities accredited thus far. In earlier rounds, NAAC had awarded a 5-Star rating to the Institute in 2002, and reaccredited the Institute with an 'A' Grade in 2010. In April 2018, the UGC awarded TISS with a 'Grade One' Deemed to be University Status

About AIAIMS:

Anjuman-I-Islam's Allana Institute of Management Studies is a premier educational institute in Mumbai and has completed 18 years of its successful existence. At AIAIMS, a continuous attempt is made to understand industry requirements and prepare the students accordingly.

The institute is committed to inculcate academic brilliance and skill in the students. It aims to become a Centre of Excellence for the 21st century Management Education and Research in the country. Its infrastructure and intellectual capital both are being built brilliantly. We at AIIMS believe that hard work has no substitute and team work is the essence of institution building.

The various branches of management i.e Marketing, HR, Finance, Systems & Operations are interdependent and we make sure that our students comprehend the subtle difference between these functions through case studies, live projects, brain storming sessions, business games, syndicates / group discussions and role plays.

About the FDP:

As the world of Business is becoming complex every day, so is the pedagogy of Management Education. We as faculties, have to keep on updating our knowledge base, so as to equip the students with tools, to understand today's multifaceted business terminologies. An ideal method for upgrading ourselves is by publishing research papers which involve modern day business issues.

For writing quality papers, apart from lack of time a related problem is the lack of acquaintance with research tools. After much effort a faculty crystalizes a problem, does literature review, and collects primary data. But then analyzing that data using multivariate techniques to glean meaningful conclusions from that data is a herculean task for those who are not acquainted with research tools.

With the above problem in mind, AIIMS, in collaboration with TISS, has organized a week long FDP titled "INTRODUCTION TO MULTIVARIATE TECHNIQUES: THEORY, CONCEPTS AND APPLICATIONS". The program has been scheduled in the second half of the day, so it will be easier for faculties to attend. Venue is also easier to commute. It is opposite CSMT station, next to TOI building, in the Anjuman-I-Islam's campus, AIIMS Computer lab. However the last day of the workshop will be conducted in the Tata Institute of Social Sciences (TISS), V. N. Purav Marg, Deonar, Mumbai - 400088.

NOTE:

The program will be held on AIIMS Campus and TISS (Mumbai) Campus.

RESOURCE PERSONS:

Prof. D. P. Singh, Associate Dean - School of Research Methodology, TISS

Dr. Nadeem Merchant, Faculty of Finance, AIIMS

Dr. Gordhan Saini, Assistant Professor, School of Management and Labour Studies, TISS

Dr. Priyanka Dixit, Assistant Professor, School of Health Systems Studies, TISS



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(Approved by AICTE, Recognized by DTE & Affiliated to University of Mumbai)
Badruddin Tyabji Marg, Off. 92, D.N.Road, C.S.T., Mumbai - 400 001.

FACULTY DEVELOPMENT PROGRAMME

"INTRODUCTION TO MULTIVARIATE TECHNIQUES: THEORY, CONCEPTS AND APPLICATIONS"

REGISTRATION FORM

Name (in Block Letters) : _____

Designation : _____

Name of the Institution / Organization : _____

Address for Communication : _____

Telephone / Mobile : _____

Email id : _____

Payment Details : I here by enclose the amount of _____/-

Rupees : _____ by

Demand Draff / Cheque No. Dated : _____

Drawn on : _____

In favor of "A.I.I. Allana Institute of Management Studies", Payable at Mumbai.

Date : _____

Signature : _____

CONVENER:

Dr. Bernadette D'Silva, Director

9833366203, director@aiaims.com

CHIEF COORDINATOR:

Prof. Dr. Nadeem Merchant

8097242201, nadeem.merchant@aiaims.com

Prof. Dr. Irfan Lakhani

9819785650, irfan.lakhani@aiaims.com

REGISTRATION FEE:

A nominal registration fee of Rs10,000/- for the entire course has been decided which includes high tea every day, necessary course material and participation certificates.

PAYMENT OF REGISTRATION FEE:

Demand Draft / Cheque in favor of

"A.I. I. Allana Institute of Management Studies",

Payable at Mumbai.

FOR NEFT PAYMENT :

Account Name: **A.I.I. ALLANA INSTITUTE OF MANAGEMENT STUDIES**

Bank & Branch: Corporation Bank, Mahapalika Marg Branch, Mumbai

Account No.: 520101011033815

Account Type: Saving

IFSC / NEFT/ RTGS Code: CORP0000536

MICR Code: 400017043



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TENTATIVE SCHEDULE:

Day	Date	Timings	Topics	Resource Person
1	Mon, 1st Apr, 2019	2.30 pm-2.45 pm	Inauguration	Dr. Nadeem Merchant
		2.45 – 4.45 pm	Introduction to research, concepts, constructs, variables, formulation of hypothesis	Prof. D.P. Singh, TISS
		4.45 - 5.00 pm	Tea Break	
		5.00 - 7.00 pm	Descriptive Statistics, Univariate and Bivariate analysis: Chi-square test, correlation, t-test, One way ANOVA	Prof. D.P. Singh, TISS
2	Tue, 2nd Apr, 2019	2.30 - 4.30 pm	Concept of two way ANOVA , Introduction of Multivariate linear regression.	Dr. Priyanka Dixit, TISS
		4.30 - 5.00 pm	Tea Break	
		5.00 - 7.00 pm	Multivariate linear regression: theory, concepts and its applications	Dr. Priyanka Dixit, TISS
3	Wed, 3rd Apr, 2019	2.30 - 4.30 pm	Multivariate logistic regression: theory, concepts and applications	Dr. Priyanka Dixit, TISS
		4.30 - 5.00 pm	Tea Break	
		5.00 - 7.00 pm	Concept of Dummy variable and interaction term in regression	Dr. Priyanka Dixit, TISS
4	Thu, 4th Apr, 2019	2.30 - 4.30 pm	Factor analysis: concept and application	Dr. G. K. Saini, TISS
		4.30 - 5.00 pm	Tea Break	
		5.00 - 7.00 pm	Cluster analysis: concept and application	Dr. G. K. Saini, TISS
5	Fri, 5th Apr, 2019	2.30 - 4.30 pm	Discriminant analysis: concept and application	Dr. Nadeem Merchant AIAMS
		4.30 - 5.00 pm	Tea Break	
		5.00 - 7.00 pm	Application of Discriminant analysis on live data	Dr. Nadeem Merchant AIAMS
6	Mon, 8th Apr, 2019	2.30 - 4.30 pm	Presentation of research articles based on various topic, review, question and answer	TISS and AIAMS team
		4.30 - 5.00 pm	Tea Break	
		5.00 - 6.00 pm	How to publish research paper	Dr. G. K. Saini, TISS
		6.00 - 7.00 pm	Valedictory Session	TISS and AIAMS team