



# NATIONAL INSTITUTE OF TECHNOLOGY SRINAGAR

(An Autonomous Institute of National Importance Established by the Act of Parliament)

## Department of Humanities and Social Sciences

### ONE WEEK WORKSHOP ON RESEARCH METHODOLOGY USING SPSS & AMOS

Sponsored by TEQIP-III (Venue Hi-Tech Hall)

	Session I		Session II		Session III		Session IV
<b>Day 1</b> 8 <sup>th</sup> February 2020	<b>Registration</b> (10:00 -10:15 am) <b>Inauguration</b> (10:15-11:00 am)		Basics of Research <b>Prof. M. A Sahaf</b> (Former D. A. A UOK) (11:15- 1:00 pm)		Introduction to SPSS <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (1:50 pm – 3:10 pm)		Exploratory Factor Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (3:15 pm-5:00 pm)
<b>Day 2</b> 9 <sup>th</sup> February 2020	Regression Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (10: 00: 11:30 am)		Time Series Modelling <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (11:45- 1:00 pm)		Introduction to SEM: Suitability, Myths and Reality, Prerequisites, Choice between CB SEM and PLS SEM <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (1:50 pm – 3:10 pm)		Use of E Resources and Issues Related to Plagiarism in Research <b>Dr. Sajid Y. Bhat</b> (University of Kashmir) (3:15 pm-5:00 pm)
<b>Day 3</b> 10 <sup>th</sup> February 2020	Confirmatory Factor Analysis: Measurement Model Assessment, Reliability and Validity <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (10: 00: 11:30 am)	<b>Tea Break</b>	Higher Order Factor Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (11:45- 1:00 pm)	<b>Lunch Break</b>	Path Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (1:50 pm – 3:10 pm)	<b>Tea Break</b>	Research using Secondary Data Sources <b>Prof. A. S Bhat</b> (Islamic University of Science and Technology) (3:15 pm-5:00 pm)
<b>Day 4</b> 11 <sup>th</sup> February 2020	Mediation: Introduction, Sequential Mediation Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (10: 00: 11:30 am)		Parallel Mediation Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (11:45- 1:00 pm)		Moderation: Introduction, Interaction Effect <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (1:50 pm – 3:10 pm)		Text Mining <b>Dr Pooja Kumari</b> (Fore School of Management) (3:15 pm-5:00 pm)
<b>Day 5</b> 12 <sup>th</sup> February 2020	Multi-Group Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (10: 00: 11:30 am)		Moderated Mediation Analysis, Mediated Moderation Analysis <b>Dr Amit Shankar</b> (IIM Visakhapatnam) (11:45- 1:00 pm)		Text Mining <b>Dr Pooja Kumari</b> (Fore School of Management) (1:50 pm – 3:10 pm)		Use of Data Analytics in Management Research <b>Dr Pooja Kumari</b> (Fore School of Management)
							<b>Valedictory</b>

**Note:** 1. Candidates are requested to bring along their own laptops.