

## ABOUT THE INSTITUTE

National Institute of Food Technology Entrepreneurship and Management (NIFTEM) was conceptualized by Government of India on persistent demand of the food industry to have an apex body as a **"One Stop Solution Provider"** for the various problems of the sector. Ministry of Food Processing Industries, Government of India has set up this institute with an initial investment of Rs. 500 crore (US \$100 million). The institute is spread over an area of 100 acres. The institute intends to act as a centre of excellence and an apex world class centre of global standards in the area of food technology and management. It will cater to the needs of various stakeholders such as entrepreneurs, industries, exporters, policy makers, government and existing institutions. NIFTEM being an apex institution under Ministry of Food Processing Industries (MoFPI) have developed strong linkages with industries.

**PATRON**  
**Hon'ble Prof. Chindi Vasudevappa**  
**Vice- Chancellor**  
**NIFTEM**

**Dr. Sanjay Bhayana**  
**(HOD) FBM&ED**

**Program Convener**  
**Dr. Nagendra Singh Nehra**

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## Five days National Workshop on

**Research Methodology and**  
**Research Publication and**  
**Research Cases**  
**(24<sup>th</sup>-28<sup>th</sup> Dec 2019)**



**Department of Food Business Management & Entrepreneurship Development**

## INTRODUCTION

This five day Workshop on 'Research Methodology and Research Publication' is designed to train and develop faculty/ research scholars in the various area of research, so that they can act as resource persons in guiding and facilitating research knowledge. The workshop is likely to provide essential tools and techniques through hands on experience. With such aptitude, the knowledge of tools of research methodology would enhance the practicing skills of the participants, who in turn, can apply them for linking upcoming various challenges and self-generated new knowledge in respective field of research

## OBJECTIVES

- To create an advance awareness of the need and importance of research publications.
- To develop vision strategy and structure for research issues in the educational institution .
- To develop vision strategy and structure for research issues in the educational institution

## WHO SHOULD ATTEND?

Registered Ph. D scholars/ Faculty members or any UG/ PG students of Universities/ Institutes who wish to become the motivator, trainer & facilitator of research methodology.

## HOW TO APPLY

Participants needs to fill the **Google form** and submit registration fee in favour of NIFTEM

<https://forms.gle/u4ZfuvUtc2AK2Rrs8>

**LAST DATE OF APPLICATION: 15<sup>th</sup> Dec 2019**

## COURSE CONTENTS

- Introduction to Research Methodology
- Research Concept and its applications
- How to draw conceptual framework and theoretical foundation of research articles
- Hypothesis development and support of theory
- Data collection, Data analysis, Tools & Techniques
- Research Instruments selection and validation
- Hypothesis Testing, theoretical and practical implications
- Selection of right journals
- Convergent and Discriminate validity
- Validating the research instruments
- Testing ANOVA, t- test, Regression, Multiple Hierarchical regression analysis, Chi-square test, and Model Testing, Mediation test
- Hands on Practical Experience on SPSS and AMOS for data analysis

Participants will be provided tea/lunch during sessions.

**However, limited accommodation is available in the hostel/guest house. Please ensure accommodation availability before registration.**

No TA/DA will be provided to the participants. Participants will be selected on **first-come first served basis**. The registration form will be complete in all respect accompanied by Online payment only. Details of the requisite amount reach on or before 15<sup>th</sup> Dec 2019. Registration fee is to be paid in advance through online in favor of "A/C officer, NIFTEM" payable at SBI, NIFTEM Kundli.

## Account Details

**Bank Name:** State Bank of India

**Account Number:** 31992122677

**IFSC:** SBIN0015479

**Branch :** 15479 (NIFTEM Campus Kundli)

## Registration Fee

**\*Registration fee is non- refundable**

<b>UG/ PG students</b>	<b>- ₹ 550</b>
<b>Research Scholar</b>	<b>- ₹ 750</b>
<b>Faculty</b>	<b>- ₹ 1000</b>
<b>Industry</b>	<b>- ₹ 1500</b>

# WORKSHOP SCHEDULE

Time ( day 1 )	Contents
10:00-10:30 am	Registration and kit distribution
10:30-11:30 am	Inaugural function key note speech on relevance on research
11:30-12:00	High Tea
12:00-1:30 pm	Quantitative research  Research concept & its application  Conceptual framework and theoretical foundation
1:30-2:00 pm	Lunch
2:00-3:30 pm	Qualitative v/s Quantitative research, relevance and its application
3:30-4:00 pm	Tea
4:00-5:30 pm	Data collection methods and measurement scales

Time ( day 2 )	Contents
10:00-11:30 am	Review of literature Process of systematic literature review
11:30-12:00	Tea
12:00-1:30 pm	How to design hypothesis
1:30-2:00 pm	Lunch
2:00-3:30 pm	Normality check skewness and Kurtosis
3:30-4:00 pm	Tea
4:00 -5:30 pm	Research cases & Hands on practice via research activities

Time ( day 3 )	Contents
10:00-11:30 am	Sampling, Probability & non –probability sampling, sampling error
11:30-12:00	Tea
12:00-1:30 pm	Selecting appropriate sampling techniques
1:30-2:00 pm	Lunch
2:00-3:30 pm	Convergent and discriminate validity, model testing
3:30-4:00 pm	Tea
4:00 -5:30pm	Research cases & Hands on practice

Time ( day 4 )	Contents
10:00-11:30 am	Application of FMEA
11:30-12:00	Tea
12:00-1:30 pm	Exercise and cases on FMEA
1:30-2:00 pm	Lunch
2:00-3:30 pm	Validation of research instrument Multiple hierarchical regression analysis
3:30-4:00 pm	Tea
4:00 -5:30 pm	Mediation test

Time ( day 5 )	Contents
10:00-11:30 am	Plagiarism, Intellectual Property rights, Group activity on Research tools
11:30-12:00	Tea
12:00-1:30 pm	Presentation by groups
1:30-2:00 pm	Lunch
2:00-3:30 pm	Validation and certificate distribution
3:30-4:00 pm	Tea