

## FACULTY

### PROFESSORS

Dr. P.S. Gill  
Dr. G.S. Batra  
Dr. Gurcharan Singh  
Dr. Navjot Kaur  
Dr. Amar InderSingh

### ASSISTANT PROFESSORS

Dr. Amanpreet Singh  
Dr. Apar Singh  
Ms. Azizinder Sekhon  
Dr. B. B. Singla  
Dr. Dhiraj Sharma

Dr. Harpreet Singh  
Dr. Liaquat Ali  
Dr. Parneet Kaur  
Dr. Rajwinder Singh  
Dr. Raminder Kaur Sira  
Dr. Ratinder Kaur  
Dr. Sahil Raj  
Dr. Sandeep Singh Viridi  
Dr. Satinder Kumar  
Dr. Shavina Goyal  
Mr. Sumrinder Singh Sira  
Dr. Vikas Singla

## ORGANISING COMMITTEE

### WORKSHOP CHAIR

Dr Gurcharan Singh  
Professor & Head  
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### WORKSHOP DIRECTOR

Dr. Pushpinder Singh Gill  
Professor and Dean (External Centers)  
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### ORGANIZING SECRETARY

Amanpreet Singh  
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### CONTACT DETAILS

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7 DAY NATIONAL WORKSHOP ON

# Basic Research Methodology: Tools and Techniques

16<sup>th</sup> – 22<sup>nd</sup> April, 2020



ORGANISED BY:

**SCHOOL OF MANAGEMENT STUDIES,  
PUNJABI UNIVERSITY, PATIALA**

## ABOUT THE DEPARTMENT

*School Of Management Studies is an integral part of 58 years old Punjabi University campus, spread over a lush green 320 acre campus. The premier business school was established in 1969 with an aim to provide excellence in teaching, training, research and consultancy in Business Management. The department offers several flagship MBA programs which enable its students to be creative, innovative and dynamic business leaders. Besides, the school has also signed MoUs with several foreign universities, industries and government departments, so as to offer dynamically aligned and industry updated management courses.*

*The current year marks the exceptionally successful journey of 50 glorious years of this vibrant department. This business school has been continuously producing alumni who have gone on to shape and alter the conventional management practices around the world. Its professionally strong and vibrant faculty, which is a blend of academicians, researchers and professionals, has been continually serving as mentors to churn out MBA professionals who are transformational leaders in their respective fields.*

## ABOUT THE WORKSHOP

*This seven days workshop intends to impart knowledge about the fundamentals of research methodology focusing on theoretical and practical inputs. Specifically, the formulation of research problem, formulation of research hypothesis and testing of hypothesis, conducting literature review, data collection methods, selection of appropriate parametric or non-parametric statistical method for analyzing data, and report writing etc.*

## OBJECTIVES OF THE WORKSHOP

*Research methodology is dynamic in nature and equips researchers with comprehensive outlook about the research. Research is about searching systematically for solutions to problems for which statistical device is required. The workshop aims to improve research skills and competence amongst the researchers via strengthening their theoretical knowledge as well as by giving them the hands on training with basics of Research Methodology.*

## TARGET AUDIENCE

*Research Scholars, Faculty members, Pre-PhD students*

## HOW TO APPLY

*With Accommodation: Rs6000\*\**

*Without Accommodation: Rs4000\**

*Late fee : Rs. 500*

*\*\*Fees includes stay (twin sharing basis) along with three meals and daily tea during workshop*

*\*Fees includes daily lunch & tea during workshop*

*Applicants can apply upto 10<sup>th</sup> April with late fee of Rs. 500.00.*

## REGISTRATION FEES

*Applicants have to mail their soft copies of application mentioning their details on or before 31st March, 2020. Applicants should mention clearly their contact address, telephone number, email address and institutional affiliation. Application must reach amanpreet@pbi.ac.in within due date. No TA and DA will be provided to the participants.*

*Payment to be made through Demand Draft as per details given in the registration form. Accommodation will be provided on request and on first come first serve basis.*

For registration after payment, click on the following link –  
<https://forms.gle/qXctrDotMN9DeEue6>

## Note

- Total number of seats are limited to 40.*
- Selection will be on First Come First Serve Basis.*
- The selected participants will be intimated through e-mail.*
- All the further communication will be through e-mail only.*
- A Certificate of Participation will be issued for attending the workshop.*
- Full attendance is mandatory in this workshop.*
- Candidates are requested to bring their own laptops along with them.*

Basic Research Methodology: Tools and Techniques

Workshop Dates: 16th – 22nd April 2020

Workshop Venue: School of Management Studies, Punjabi University, Patiala

Contact us at:

+9198155-53978 or [researchworkshop.sms@gmail.com](mailto:researchworkshop.sms@gmail.com) or [amanpreet@pbi.ac.in](mailto:amanpreet@pbi.ac.in)

Dr. Amanpreet Singh, Program Coordinator

**REGISTRATION FEES DETAILS:**

Without Accommodation: Rs 4000/-

With Accommodation: Rs 6000/-

Late Fees: Rs 500/-

For registration after payment, click on the following link –

<https://forms.gle/qXctrDotMN9DeEue6>

**NOTE: KINDLY KEEP YOUR DEMAND DRAFT / NET BANKING TRANSACTION PARTICULARS READY WITH YOU, BEFORE FILLING THE FORM**

Fees is payable either through Demand Draft in favor of 'HEAD SCHOOL OF MANAGEMENT STUDIES', payable at Patiala, or through any Online Banking / Net Banking Channels (Like NEFT / IMPS / RTGS etc) to the following bank account:

Bank: State Bank of India

Branch: Punjabi University, Patiala

Account Number: 37451154136

Account Name: Registrar and Head School of Management Studies, Punjabi University, Patiala.

IFSC Code: SBIN0050009

Note: Fees can also be deposited in cash in the office of the concerned department. In case of cash, kindly deposit the cash first in the office of SCHOOL OF MANAGEMENT STUDIES, and then upload the receipt while filling up the form.

To ensure smooth and proper registration, pay the Workshop Fees before filling the Registration Form, otherwise your seat might not be confirmed.

Last date for Fees Submission is "31st March 2020, 23:59:59".

With late fee of Rs. 500 upto 10<sup>th</sup> April 2020.

Seats will be provided on First Come First Serve Basis.

Confirmation will be provided to you through Email / SMS / Whatsapp channels.

No TA and DA will be provided to the participants.

<b>Date</b>	<b>Session-1 9:30am-11.00am</b>		<b>Session-2 11:15 - 1:00 hrs</b>		<b>Session-3 2:00pm - 3:30pm</b>		<b>Session-4 3:45pm–5:00pm</b>
16/4/20	Registration and Inaugural Session,	<b>Morning Tea 11:00 am- 11:15 am</b>	Introduction to Research, types of research, selecting a research topic	<b>Lunch 1:00pm - 2:00pm</b>	Review of literature, identification of research gap, conceptual framework, defining the research problem.	<b>Evening tea 3:30pm to 3:45pm</b>	Selecting an appropriate research design, Sampling techniques, choosing an appropriate sampling technique
17/4/20	Introduction to SPSS Environment, entering data into SPSS, importing data from other formats		Important operation in SPSS required for data analysis.		Data Screening - Identification of outliers, testing normality, homoscedasticity of data		Data Analysis – frequency analysis, descriptive, explore, crosstabs, charts/graphs
18/4/20	Hypothesis formulation, Hypothesis testing using T-test, theory and practice of t-test		Hypothesis testing using T-test, theory and practice of t-test		Non-Parametric test, Mann-Whitney U test		Practice Session
19/4/20	Theory and practice of One Way Anova		Theory and practice of Two Way Anova		Theory and practice of ANCOVA or MANOVA		Practice Session
20/4/20	Theory and Practice of Correlation and Partial Correlation		Theory and practice of Simple regression, testing assumptions of regression		Multiple Regression/Regression with dummy variables		Practice session
21/4/20	Introduction to EFA, application, assumptions, extraction techniques, rotation techniques		Hands on session – PCA		Hands on session – PAF/MLE		Practice session
22/4/20	Writing an effective research paper in a reputed journal – I		Writing an effective research paper in a reputed journal – II		Ethics in research, Plagiarism		Valedictory Session