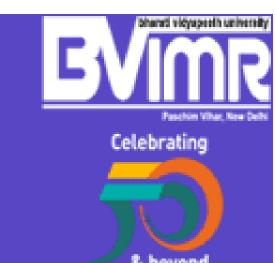


# BHARATI VIDYAPEETH

(DEEMED TO BE UNIVERSITY)

## INSTITUTE OF MANAGEMENT & RESEARCH, NEW DELHI

RE-ACCREDITED WITH 'A+' GRADE BY NAAC





SIX DAYS FACULTY DEVELOPMENT PROGRAMME

(FDP)

October 5 - 10, 2021 Mode: MS Team







Introduction to Research

SPSS Software

R-Studio Software



Established in 1992, Bharati Vidyapeeth (Deemed to be University) Institute of Management and Research (BVIMR), New Delhi focuses on imbibing the said values across various stakeholders through adequate creation, inclusion and dissemination of knowledge in management education.

The institute has over the past few years emerged in the lead with a vision of Leadership in professional education through innovation and excellence. This excellence is sustained by consistent value enhancement and initiation of value-added academic processes in institute's academic systems. Based on the fabulous architecture and layout on the lines of Nalanda Vishwa Vidyalaya, the institute is a scenic marvel of lush green landscape with modern interiors. The Institute which is ISO 9001:2015 certified is under the ambit of Bharati Vidyapeeth University (BVU), Pune as approved by Govt. of India on the recommendation of UGC under Section 3 of UGC Act vide its letter notification No. F. 9 – 16 / 2004 – U3 dated 25th February, 2005. Strategically located in West Delhi on the main Rohtak Road, BVIMR, New Delhi has splendid layout on sprawling four acres of plot with 'state-of-art' facilities with all class rooms, Library Labs, Auditorium etc., that are fully airconditioned. The Institute that has an adjacent Metro station "PaschimVihar (East)", connects the entire Delhi and NCR.

We nurture our learners to be job providers rather than job seekers. This is resorted to by fostering the skill and enhancement of knowledge base of our students through various extracurricular, co-curricular and curricular activities by our faculty, who keep themselves abreast by various research and FDPs and attending Seminars/Conferences. The Alumni has a key role here by inception of SAARTHI Mentorship program who update and create professional environment for learners centric academic ambiance and bridging industry-academia gap



# WE INVITE REGISTRATION FOR SIX DAYS ONLINE FACULTY DEVELOPMENT PROGRAMME (FDP)

TITLE

INTRODUCTION TO RESEARCH, SOFTWARE - SPSS and R

#### DATE & DAYS

OCTOBER 5-10, 2021 (Tuesday-Sunday)

#### DURATION

Three modules covered in six days (2.5 Hours per day)

TIME

10:00 AM - 12:30 PM

#### LAST DATE FOR REGISTRATION

**October 3, 2021** 

FEES

S.no.	Modules	Fees
1.	Module 1	Rs. 500
2.	Module 2	Rs. 750
3.	Module 3	Rs. 1000
4.	All three Modules	Rs. 2000

Note: You can choose to register in any module

#### MODE OF PAYMENT

Online or Cheque or DD

#### ACCOUNT DETAILS

• FOR ONLINE TRANSFER THROUGH NEFT: You need to add below account number 24 hrs before you make payment

NAME OF ACCOUNT HOLDER: Director BVIMR

ACCOUNT NO: 201503130000004

**Bank Name: Bharati Sahkari bank Itd.** 

IFSC CODE: SVCB0010015
TYPE OF ACCOUNT: Saving

• FOR PAYMENT THROUGH CHEQUE OR DD:

Make cheque or DD in favour of "DIRECTOR BVIMR, NEW DELHI" and

Courier to this address: Account Department c/o

Bharati Vidyapeeth (Deemed to be University) Institute of Management and Research, A-4, Rohtak Road, Paschim Vihar, New Delhi, 110063, (Near East Paschim Vihar metro station)

#### PROCESS OF REGISTRATION

• Fill this Google form: <a href="https://forms.gle/BR7QdrzZHC1x8Z1W9">https://forms.gle/BR7QdrzZHC1x8Z1W9</a>

#### VENUE

Ms Team

#### TARGET AUDIENCE

Early Career Researchers, Ph.D Scholars and Faculty Members.

#### **OBJECTIVES**

- To make participants aware of research ecosystem.
- Introduce the participants to fundamentals of Research methodology and data analysis.
- To provide hands-on training on software SPSS & R

#### CERTIFICATION

E certificate will be provided to participants.

#### ABOUT THE MODULES

#### **MODULE 1 - Introduction To Research:**

Resource Person: Dr. Broto R. Bhardwaj & Dr. Nancy Goel

Days: October 5-6, 2021

FEES: Rs 500 Contents:

• Types of Research, Types of data

• Research process,

- What exactly is Review of literature?
- What exactly is hypothesis?
- Types of Hypothesis: Null & Directional Model Building, Gaps in model
- How to frame Research Questions and objectives?
- Research Design, (Sampling Design)
- Scale Development, Types of constructs
- Brief idea about various measurement & Data analysis
- Steps for Statistical Analysis

#### **MODULE 2 - INTRODUCTION TO THE SOFTWARE-SPSS:**

Resource Person: Dr. Navneet Gera

**Days: October 7-8, 2021** 

**FEES: Rs 750** 

#### **Contents:**

- Introduction to the software: SPSS.
- Data entry in software Data view, variable view.
- Data cleaning operations Missing Frequency, Outlier, Improper codes, Logical error, Merge cases.
- Basic functions in SPSS-Merge Data, Recode into same /same different variable.
- Various menus of SPSS-Data ,Transform ,Analyze,Graphs.
- Special operations in SPSS, Select cases, Sort cases ,Split file,Weight cases, Missing frequency analysis etc, Handling multi tick questions.
- Basic statistical functions in SPSS Univariate and Bivariate Analysis.

#### **MODULE 3 - INTRODUCTION TO THE SOFTWARE R-STUDIO:**

Resource Person: Dr. Neeraj Kaushik

Days: October 9-10, 2021

**FEES: Rs 1000** 

#### **Contents:**

• Contents: Introduction to the software :R & R -Studio installation

- Importing various file formats, Data handling in R-Studio.
- Data cleaning operations-Missing frequency, Outlier, Improper codes, Logical errors, Merge cases.
- Packages-Summary tools, moments, psych, jtools, imtest, Im-beta, Lavaan, Sem, dplyr.
- Basics statistical functions in R-studio.
- Graphical Representation.

#### KEY RESOURCE PERSON



1. Prof. (Dr.) Broto Rauth is working at BVIMR, New Delhi, a constituent unit of Bharati Vidyapeeth (Deemed to be) University, Pune. She is Post Doc, PhD, MBA and B. Tech from IIT Delhi and also UGC NET qualified. She has done her Post Doc from UCLA, USA in collaboration with GIFT, IIT Delhi. She has taught at North Eastern Illinois University, Chicago and North Hennepin Community College, Minnesota, USA.

She was awarded the distinction of Fellow and Vice president of Entrepreneurship and Marketing from the Academy of Global Business Advancement, USA for her leadership in and commitment to teaching and learning, research, evidenced by a consistent publication record of impact at institutional and internationally acclaimed researcher in Sustainability. Her work has been cited 615 times, h index is 12, and i10 index is 14. She has published more than 135 papers in National and International journals including Scopus indexed, Emerald, Elsevier, science direct journals. She has published more than 25 books out of which Sustainability strategy for sustainable world has been number 1 best seller based on United Nations sustainability goals. She is also the Founder of Sustainability Inc., an incorporation focused on designing sustainable processes and systems and solutions for sustainable world.



2. Dr. Nancy Goel Working as assistant professor with Bharati Vidyapeeth institute of management and research. She has completed her doctorate degree from BVDU, Pune. She has also completed one UGC funded research project in collaboration with BVIMR and completed one minor university project as well. She has published two books. She has also published many research papers in national and international journals. She has publications in Scopus indexed journals like

springer and Elsevier also. She has presented papers in many international and national conferences. She takes sessions with PhD scholars on Literature Review, Data Analysis using SPSS, turn it in software for plagiarism check.



3. Dr Navneet Gera is Associate Professor in Bharati Vidyapeeth Institute of Management and Research, New Delhi. He did his doctorate from University of Rajasthan on 'Dollar Vs Euro in International Financial Markets'. Dr Gera is supervisor and guide to Ph.D. Scholars from Bhararti Vidyapeeth Deemed University. Dr Gera has 43 research papers to his credit which are published in ABDC/SCOPUS/WOS and UGC listed journals. He is a member

of AIB (Academy of International Business). He has conducted more than 25 Workshops in International marketing and export management. Dr Gera is trainer for Research Methodology workshops and SPSS training.



4. Dr. Neeraj Kaushik is currently working as Associate Professor and Head in the Department of Business Administration, National Institute of Technology, Kurukshetra. He has done his B. Tech. in Textile Technology, Masters in Management Sciences, Computers Applications, Mass Communication, Social Work as well as Intellectual Property Law. As of now, he is pursuing his LLM. His doctoral work is on

Customer Satisfaction in Indian Aviation Sector. His interest areas are Services Marketing & Research Methodology. He has to his credit 60 articles published in Indian & International Journals and Conferences and as of now he is on the Review's board of many international journals. In 2018, he won the prestigious Emerald Highly Commended Paper Award for his research titled 'A framework for untapped creativity: leveraging components of individual creativity for organizational innovation'. Dr. Kaushik has conducted around 500+ workshops on Research Methodology with Software Applications (such as Excel, SPSS, AMOS, Smart PLS, ADANCO, Systat, R & R-Studio). He has authored one book Business Research Analytics, published by StarEdu Publisher. Presently, he is active on YouTube where he has 800+ videos with approx 14000+ subscribers and 1.6 million plus views.

### FDP ORGANISERS:



Dr. Parul Agarwal
Associate Professor, BVIMR,
A-4,Paschim Vihar , New Delhi
(M)- 9811880805
Email:
parul.agarwal@bharatividyapeeth.edu



Dr. Pankaj Saini
Assistant Professor, BVIMR,
A-4,Paschim Vihar, New Delhi
(M)- 9811960216
Email:
pankaj.saini@bharatividyapeeth.edu



Dr. Yamini Agarwal
Director, BVIMR,
A-4,Paschim Vihar , New Delhi