

# **Faculty Development Program**

**On**

**“Bridging Boundaries: Exploring Multidisciplinary Research”**

**Under the aegis of**

**Association of Indian Universities - Shri Vaishnav Vidyapeeth**

**Vishwavidyalaya**

**Academic and Administrative Development Centre**

**(AIU-SVVV-AADC)**

**Date: 16.10.2023-20.10.2023**

The Academic and Administrative Development Centre (AADC) of Shri Vaishnav Vidyapeeth Vishwavidyalaya (SVVV) and the Association of Indian Universities, Indore jointly organized a Faculty Development Program on **“Bridging Boundaries: Exploring Multidisciplinary Research”** during October 16 - 20, 2023. 36 participants across India were registered for the same. The online faculty development program spanned 5 days and featured distinguished experts from across the nation. Through a series of 10 online sessions, these experts explored various tools and techniques tailored for the multidisciplinary research. These sessions not only enabled the experts to share their insights and expertise but also facilitated an exchange of knowledge between them and the attending faculty members. The Inaugural program was commenced on October 16, 2023 at 11:30 AM with the blessings of Maa Saraswati, followed by the welcome of the guests.

The session began with the welcome address by Dr. K.N.Guruprasad, Director-

Shri Vaishnav Institute of Science, Dean-Faculty of Science (including Forensic Science) Dean-Faculty of Agriculture, SVVV Indore. Dr. Guruprasad addressed participants by saying that multidisciplinary research is a convergence of ideas, methodologies, and expertise from various disciplines, and it encourages collaboration and exchange of knowledge among researchers from diverse backgrounds. He highlighted the importance of multidisciplinary research in finding innovative and holistic solutions to complex issues.

Dr. Anand Rajavat, Dean Academic, SVVV, and Nodal Officer AIU-SVVV-AADC, had briefed about the FDP and its relevance, He gave brief outline of program and requested all the participants to enrich their knowledge from this FDP by active participation. He said that the objective of a faculty development program is to elevate the expertise, capabilities, and impact of research within an educational institution. He also mentioned the need for collaboration and partnerships between institutions to

strengthen research and academic excellence.

The guest on the occasion Prof. Ashok Aima Former Vice-Chancellor Central University of Jammu & Distinguished Chair Professor School of Management (MIET-Jammu), delivered the presidential address. Prof. Aima discussed the challenges and opportunities in multidisciplinary research and the need for collaboration and integration of different disciplines. He highlighted the importance of aligning education with national priorities and the need for research to be applicative and impactful. The inaugural session concluded with words of thanks by Dr. Pragya Jaroliya, Professor and Coordinator FDP, SVSM, SVVV, Indore.

Second session was headed by Dr. K.N.Guruprasad, Director-Shri Vaishnav Institute of Science, Dean-Faculty of Science (including Forensic Science) Dean-Faculty of Agriculture, SVVV Indore who delivered his talk on the topic "Introduction to Trans-disciplinary Research". He focused on focus on the examples of ozone depletion and global warming to highlight the need for interdisciplinary approaches in addressing these issues.

On day two, the resource person for the third session was Dr. Santosh Rangnerkar Professor, Department of Management Studies IIT Roorkee. He discussed the

importance of incorporating theory into case study analysis and provided examples of research papers that used case studies to analyze various topics. He highlighted the advantages of case studies, such as providing solutions to research problems. He delved into the process of identifying resources for case study analysis. He emphasized the need to connect the case study with a particular theoretical concept and discussed the importance of analyzing competitors in the industry. Fourth session was on Research Design and the resource person was Dr. Vipin Choudhary Professor and HOD, Department of Marketing Prestige Institute of Management and Research, Indore. He outlines the procedures required to gather information to address a specific research problem and covers the basics of research design, different research types, qualitative research methods, observational research, and strategies to minimize bias in research.

On day three the resource person for the fifth session on Sampling techniques was Dr. Sher Singh Bhakar Group Director, Trinity Group of Institutions Prestige Education Foundation. He explained the concepts of population distribution, sample distribution, and sampling distribution. Dr Sher also discussed the formula for computing sample size and the factors to consider when determining sample size. The next session was on Measurement and Scaling by Dr. Vipin Choudhary Professor and HOD, Department of Marketing Prestige Institute of Management and

Research, Indore. He explained that measurement involves assigning numbers or symbols to characteristics of an object, while scaling involves creating a continuum range for measured objects. He gave examples of measurement and scaling in everyday life, such as measuring time and using scales to measure various aspects.

Day Four, Dr. Mala Shrivastava Director SVSM, SVVV, Indore delivered a talk on the topic "Review of Literature". The resource person provided an in-depth and comprehensive overview emphasizing the importance of systematic literature reviews (SLRs) in the research process. In the afternoon session of day 4th, Dr. Sher Singh Bhakar Group Director, Trinity Group of Institutions Prestige Education Foundation, addressed the session on Writing for Leading Journals and provided insights into the crucial process of selecting the right journal for research publication. The speaker emphasizes on selecting the right journal involves a balance between impact factor, publication time, and the match between the journal's scope and your research. that this decision plays a vital role in the dissemination and recognition of your work.

On the fifth day, The session was held by Dr. Mala Shrivastava was revolved around experimental research and the methods used for data collection and analysis. She covered the topics related to different research methods and designs, emphasizing the trade-offs between internal and external validity in experiments, as well as the application of qualitative research techniques for understanding people's experiences and opinions.

Faculty Development Program (FDP) ended with valedictory session on October 20, 2023. The event commenced with a warm reception of esteemed guests, followed by Dr. Navajyothi Subedar, Coordinator of the FDP at AIU-SVVV-AADC, presenting the comprehensive FDP report. Dr. K.N. Guruprasad, Director-Shri Vaishnav Institute of Science, Dean-Faculty of Science SVVV, delivered the concluding remarks. Valuable insights and opinions about the FDP were shared by the participants during the feedback session. Dr. Pragya Jaroliya, Professor and Coordinator, FDP, AIU-SVVV-AADC conveyed words of thanks to all involved. The session ended with the National Anthem.

## Glimpses of the event:



Webinar 2020 (Presenting)

## DEVELOPING A FRAMEWORK FOR MULTIDISCIPLINARY RESEARCH

- ✓ Identifying the research problem.
- ✓ Identifying the relevant disciplines using constructs.
- ✓ Identifying the relevant theoretical underpinnings.
- ✓ Developing the conceptual model based on expert insights.
- ✓ Team discussion on the technical design that includes 'how' of the research.
- ✓ Execution of the fieldwork/domain specific work.
- ✓ Inter discipline synthesis of analysis, followed by conclusion.

12:09 PM | xxu-ptfk-kbe

Webinar 2020 (Presenting)

## Multidisciplinary Research in Alignment with National Education Policy-2020


12:11 PM | xxu-ptfk-kbe

Webinar 2020 (Presenting)

NEP 2020 envisions setting up of Multidisciplinary research-intensive universities (RUs) to transform the education and research in the country. The policy suggests the following-

1. Capacity building in Multidisciplinary Research:

- To encourage high quality research in multidisciplinary areas in HEIs a research ecosystem is needed where ample opportunity on how to design research proposals, write research articles, publish and patent findings, are available for young scholars and faculty.
- These opportunities are likely to be high in HEI clusters with the availability of faculty with different disciplinary backgrounds, collective resources and a greater number of students engaging in research.



12:12 PM | xxu-ptfk-kbe

32°C Hiss


Search

12:12 18-10-2023

Webinar 2020 (Presenting)

The following models can be adopted to promote multidisciplinary research across institutes:

- Cross faculty university network
- Cross faculty strategic research groups
- Cross subject research centers
- Project level research collaboration
- Inter-institute consortiums



12:14 PM | xxu-ptfk-kbe

32°C Hiss

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12:14 18-10-2023