



AIU-Integral University-Academic & Administrative Development Centre

(AIU- IU – AADC)

In Collaboration with

Department of Biosciences

Organizes

Five Days Short-term Course

on

“Research Methodology and Publication Ethics”

(22nd -26th April 2024)

A REPORT

Dear all,

It is a matter of great honour that **Integral University (IU)** has been granted a Centre for **Academic and Administrative Development Centre (AADC)** by the **Association of Indian Universities (AIU)**. The primary objective of the centre is to organize advanced, short-term training and capacity-building programs for faculty members and administrative staff across universities and other higher education institutions (HEIs).

AIU- IU AADC organized a Five Days Short-term Course (STC) on **“Research Methodology and Publication Ethics”**, from 22nd-26th April 2024, through **ONLINE** Mode wherein a total of 206 faculty members and research scholars participated. The primary objective of this STC was to enrich the knowledge of faculty members and research scholars regarding the principles and practices of conducting systematic research. The Inaugural session begins with a welcome address by **Mr Zishan Raza Khan**, Dy. Director HRDC, & Nodal officer (AADC), Integral University. **Dr Amrendra Pani**, Joint Director & Head Research Division AIU, highlighted the importance of the research for faculty members and research scholars. **Prof. Javed Musarrat**, Honorable Vice-Chancellor, Integral University graced the occasion with his presence, he shared his valuable insights on the topic with the audience, and he motivated the participants for their active participation. **Prof. Sanober Mir**, Head of the Department of Bio-Engineering, the collaborating department of the STC, encouraged the participants to excel in research as it plays a pivotal role in the academic journey. The inaugural session was concluded with blessings of the Honourable Vice-Chancellor of Integral University, **Prof. Javed Musarrat** and **Dr (Mrs) Pankaj Mittal**, Secretary General, Association of Indian Universities.

The STC commenced with an informative session by **Prof. UC Vashishth**, Retd, Head, Faculty of Education, University of Lucknow that introduced participants to the basics of research through lively debates and thought-provoking exercises, participants learned the value of research in expanding knowledge and resolving pressing issues.

Participants refined their ability to identify research questions that are specific, measurable, achievable, relevant, and time-bound (SMART) through facilitated activities and brainstorming sessions by **Dr Smriti Sharma**, Associate Professor, Department of Elementary Education, Lady Shri Ram College for Women, University of Delhi in the second session.

Followed by third session of **Prof Adeel Maqbool**, Vice Dean, Faculty of Commerce & Management, Integral University on research design gave participants an overview of the fundamental ideas and procedures related to creating research projects. Participants acquired knowledge about creating successful research designs that are suited to their research questions and objectives through interactive sessions and hands-on activities.

On 23rd April, the second day, **Dr Divya Panjwani Rajkumar**, Assistant Professor, Department of Education, Integral University delivered a talk on Bibliometric study and provided participants with hands-on experience in utilizing bibliometric tools to analyze scholarly publications and trends. Second session was taken by **Prof. Masood Siddiqui**, Professor and Head, Dept. of Statistics, University of Lucknow, Lucknow that helped the Participants to develop a solid understanding of research study design and the practical skills necessary to choose suitable sampling procedures.

Prof. Alpana Srivastava, Professor of Operations Management, Amity Business School, Amity University, Lucknow started the session on day three with the Factor Analysis. Her session on the tool construction process gave participants knowledge about how to build measuring instruments. Participants had practical experience in developing and validating tools through hands-on sessions, including CFA to check underlying factor structures in data and EFA for exploration.

The second session was conducted by **Prof. Sanober Mir**, Professor and Head, Department of Biosciences, Integral University, and discussed research and publication ethics covering guidelines, policies, and best practices for responsible conduct of research and publication.

On Day Four, **Mr. Nitin Ghoshal**, Consultant, Elsevier shared his expertise on how to format and organize academic manuscripts. Participants gained knowledge about citation styles, writing styles, article components, and submission procedures through interactive sessions, preparing them to effectively communicate and disseminate research findings followed by a session by **Prof. Venkatesh**

Dutta, Department of Environmental Science, School of Earth and Environmental Sciences (SEES), BBAU, Lucknow. The session is focused on the significance of indexing, impact factor, citation, and referencing in scholarly communication, emphasizing their role in evaluating research impact and credibility. The third session was taken by **Prof. Syed Shahid Mazhar**, Head Department of Business Management, Integral University. The main objectives of the session were to improve participants' comprehension of publication methods, raise research visibility, and provide advice on ways to publish in esteemed journals such as WoS, SCI, and Scopus.

The last session was taken by **Prof. Anuj Kumar**, wherein he demonstrated how AI tools can be used to improve writing efficiency, literature reviews, data analysis, and manuscript preparation procedures. During the session, Prof Anuj also explained the use of AI tools in research writing and publishing. The session was followed by a demonstration session by research scholars on research papers, articles, thesis and synopsis presentation, **12 scholars** presented their thesis and synopsis.

The valedictory session started with a conclusive remark by **Mr. Zishan Raza Khan**, Dy Director HRDC and Nodal Officer AIU-IU-AADC who extended his heartfelt appreciation to all expert speakers and participants. He also acknowledged the intellectual contributions and priceless insights given by the speakers which fueled the flow of knowledge and enhanced the conversations among participants.

Dr. Divya Panjwani, Assistant Professor, Department of Education, Integral University who has been the moderator for all the sessions in STC, delivered the vote of thanks to the esteemed speakers for sharing their expertise and insights, guiding participants through the intricacies of academic research and publication. She also expressed her deep appreciation to all the participants for their enthusiasm, engaging discussions, and commitment to advancing knowledge. Special thanks were given to the Hon'ble Founder and Chancellor of Integral University, **Prof Syed Waseem Akhtar**, Hon'ble Pro-Chancellor, **Dr Syed Nadeem Akhtar**, Hon'ble Vice-chancellor **Prof Javed Musarrat** and **Prof. Syed Aqeel Ahmad**, Director Human Resource Development Centre (HRDC) for their generous support, without which this STC would not have been possible.

The Valedictory Session was attended by **Prof. Sanober Mir**, Head Department of Biosciences, and convener of the program, who expressed her gratitude to all speakers and appreciated the hard work and team effort of the organizing committee. The co-conveners of the session were **Dr Divya Panjwani**, Assistant Professor, Department of Education and **Dr Nazia Akhlaq**, Assistant Professor, Department of Business Management, Integral University, Lucknow.