

Faculty Development Programme (FDP)

Art of Writing Research Paper

The AIU - Academic and Administrative Development Centre (AADC) at Atal Bihari Vajpayee University, Bilaspur, and Association of Indian Universities (AIU) jointly organized a One Week online Faculty Development Programme (FDP) on "Art of Writing Research Paper" from May 22-27, 2023. The objective of the FDP was to enhance the research writing skills of faculty members and provide them with a comprehensive understanding of the research paper writing process. The inaugural function of the programme was held on May 22, 2023, marking the commencement of the FDP. In the inaugural function, Prof. Amrendra Pani, Joint Director, AIU was Chief Guest. The Inaugural function was presided over by Prof A.D.N. Bajpai, Hon'ble Vice-Chancellor, Atal Bihari Bajpai University, Bilaspur, Chhattisgarh. Dr. H.S. Hota, Convenor of the FDP, delivered the welcome address, extending a warm welcome to the esteemed guests, participants, and faculty members. He highlighted the objectives and significance of the FDP in enhancing research writing skills among the faculties. Prof. AmrendraPani, in his address, highlighted the rapidly evolving landscape of technology in the modern era and emphasized the need for teachers and administrative officers to adapt to these advancements. He emphasized the transformative power of technology in education and administration. His insights encouraged the participants to embrace technological advancements, integrate them into their teaching methodologies, and adopt efficient administrative practices. Prof. Pani's address served as a catalyst for educators and research scholars to explore new possibilities, leverage technology to enhance their professional practices, and prepare students for the demands of the digital age. Prof A.D.N. Bajpai, Hon'ble Vice Chancellor of Atal Bihari Bajpai University, Bilaspur, addressed the participants and highlighted several key points. In his presidential address, he emphasized the need to overcome the lack of novelty in Indian research work by encouraging innovative and original research. Prof Bajpai also stressed the importance of including references to Indian literature in research papers to enrich the academic discourse. Additionally, he advocated for the writing of research papers in Indian languages, promoting wider accessibility and the preservation of Indian knowledge. At the end of the inaugural function, Dr. Rashmi Gupta, the coordinator of the FDP expressed her gratitude and proposed a vote of thanks. In the FDP, 75 participants from various states were registered and 11 sessions were conducted.

The Faculty Development Programme on the "Art of Writing Research Paper" commenced with a highly informative and engaging session delivered by Prof. Maya Ingle from Devi Ahilya University, Indore. Prof. Ingle's lecture focused on research methodology and the structure of a research paper, providing participants with valuable insights to enhance their research skills. She emphasized the importance of selecting appropriate research methods based on research objectives and explained the various qualitative, quantitative, and mixed methods available. Prof. Ingle also discussed the essential components and structure of a research paper, highlighting the significance of a well-structured introduction, comprehensive literature review, robust methodology section, clear presentation of results, and a thorough discussion and conclusion. Prof. Ingle's session equipped participants with the necessary tools and knowledge to conduct research and write scholarly papers with accuracy, quality, and contribution to the academic community.

Dr. Ved Mitra Shukla from Rajdhani College, University of Delhi, delivered a highly informative and engaging lecture on literature reviews. Dr. Shukla emphasized the significance of literature reviews in research papers, highlighting their role in identifying research gaps, providing theoretical background,

justifying the research problem, and contributing to the existing body of knowledge. He provided participants with a step-by-step process for conducting literature reviews, emphasizing the importance of conducting comprehensive searches, selecting and evaluating sources, and synthesizing the literature to identify key themes and trends. Dr. Shukla also provided guidance on structuring and writing a literature review, including the need for a clear introduction, thematic organization, and critical evaluation of existing research. His lecture provided the necessary skills and knowledge to effectively conduct literature reviews, enhancing the overall quality and impact of their research papers.

Prof. Anupama Saxena from Guru Ghasidas Central University, Bilaspur delivered an insightful lecture on formulating research questions. Prof. Saxena emphasized the significance of research questions in guiding the research process and establishing a clear focus for the study. She highlighted the importance of formulating research questions that are specific, measurable, achievable, relevant, and time-bound (SMART). Prof. Saxena provided participants with practical guidance on identifying gaps in existing knowledge, aligning research questions with research objectives, and refining them to ensure focus and feasibility. Her lecture was very useful to develop clear and well-defined research questions that would enhance the quality and relevance of their research endeavors.

Prof. H.S. Hota, from Atal Bihari Vajpayee University, delivered an insightful lecture on the use of ICT tools for data analysis. Prof. Hota highlighted the significance of ICT tools in handling the large volume of research data and extracting meaningful insights. He introduced participants to popular tools such as SPSS, showcasing their specific applications in data analysis. Through a hands-on demonstration, Prof. Hota guided participants through the process of collecting data using google forms. He also discussed the more advanced capabilities of statistical software like SPSS emphasizing their ability to perform complex analyses and generate visualizations. Prof. Hota concluded the lecture by providing additional resources and learning opportunities for participants to further enhance their skills in using ICT tools for data analysis.

Dr. Barnali Roy Choudhury, from Netaji Subhash Open University, Kolkata, delivered a comprehensive and practical lecture on reference management systems. Dr. Choudhury emphasized the importance of efficient reference management in research writing and the role of reference management systems in streamlining the process. She introduced participants to popular reference management tools like Mendeley, and Zotero, highlighting their features and compatibility with different platforms and citation styles. Through a hands-on demonstration, Dr. Choudhury showcased the practical use of these systems, demonstrating how to import, organize, and generate citations and bibliographies seamlessly. She also shared valuable tips and best practices for effective use, including maintaining a consistent naming convention and regularly backing up reference libraries. Dr. Choudhury's lecture provided participants with practical skills to enhance their research writing by effectively managing references and ensuring accurate citations. It served as a valuable resource, empowering participants to improve the quality and credibility of their research work through proper reference management.

Prof. K.K. Sahu from Pt. Ravi Shankar Shukla University, Raipur, delivered a lecture on plagiarism and research ethics. Prof. Sahu emphasized the detrimental impact of plagiarism on academic integrity and the credibility of research. He explained the various forms of plagiarism and discussed the severe consequences that can have on the plagiarizer's reputation and career. Prof. Sahu also highlighted the broader concept of research ethics, including the need for researchers to adhere to ethical principles throughout the research process. He provided practical strategies to prevent plagiarism, such as proper citation and referencing techniques and the use of plagiarism detection software. Prof. Sahu's

lecture provided valuable information about the importance of maintaining academic integrity, upholding ethical practices, and promoting responsible research conduct.

Prof. S.K. Shahi from Guru Ghasidas Central University Bilaspur delivered an enlightening lecture on Intellectual Property Rights (IPR) and Patents. Prof. Shahi provided participants with a comprehensive understanding of IPR and its relevance to the academic and research domains. He emphasized the importance of patents as a means of protecting and promoting innovation, creativity, and knowledge creation. Prof. Shahi discussed the process of patent registration, the criteria for patentability, and the rights and responsibilities of patent holders. He also highlighted the significance of conducting patent searches and literature reviews to ensure research work is not infringing on existing patents and to appropriately acknowledge and reference patented technologies. Through case studies and examples, Prof. Shahi demonstrated the practical application and impact of patents in various industries. The lecture provided participants with valuable insights into IPR and patents, equipping them with the knowledge and awareness to navigate the patent landscape and ensure ethical and responsible research practices in their academic pursuits.

Prof. Swati Sherekar from Sant Gadge Baba University Amravati delivered an informative lecture on Journal Selection and Journal Matrices. The session aimed to guide participants in selecting suitable journals for publishing their research work and understanding the importance of journal matrices in evaluating journal quality. Prof. Sherekar provided insights into the criteria for journal selection, including relevance, impact factor, scope, and audience. She explained how journal matrices, such as SCImago Journal Rank (SJR) and Journal Citation Reports (JCR), can be utilized to assess the reputation and impact of journals in specific fields. Through practical examples and case studies, Prof. Sherekar demonstrated the process of using journal matrices to make informed decisions about publishing research in reputable and respected journals. Her lecture provided participants with valuable knowledge and tools to navigate the journal selection process effectively and enhance the visibility and credibility of their research outputs.

Prof. P.P. Murthi from Guru Ghasidas Central University Bilaspur delivered an insightful lecture on LaTeX. This session aimed to introduce participants to the powerful typesetting system and its applications in academic and research writing. Prof. Murthi provided an overview of LaTeX, highlighting its advantages over traditional word processors in terms of document formatting, mathematical equations, cross-referencing, and bibliography management. He guided participants through the basics of LaTeX, including document structure, commands, and packages. Prof. Murthi also demonstrated the creation of scientific documents, including research papers and thesis, using LaTeX templates. Through hands-on exercises, participants gained practical experience in typesetting documents, integrating figures and tables, and generating bibliographies. Prof. Murthi's lecture equipped participants with the necessary skills to utilize LaTeX effectively, enhancing the visual appeal, consistency, and professionalism of their research papers and academic documents.

Dr. Shraddha Masih from Devi Ahilya University Indore delivered an insightful lecture on "Answer to Reviewer Questions. The session aimed to equip participants with the skills and strategies to effectively address reviewer comments and enhance the chances of successful publication. Dr. Masih shared valuable insights on understanding reviewer expectations, analyzing comments constructively, and formulating appropriate responses. She emphasized the importance of maintaining a professional and respectful tone while addressing reviewer queries and suggestions. Dr. Masih provided practical tips and techniques for crafting clear, concise, and persuasive responses that adequately address the concerns raised by reviewers. Through case studies and examples, she demonstrated effective techniques for revising manuscripts and incorporating feedback to improve the quality and impact of research papers. Dr. Masih's lecture empowered participants with the knowledge and confidence to

navigate the peer-review process, enhance the chances of publication, and contribute to the advancement of their respective fields.

The Faculty Development Programme concluded on a high note with a grand valedictory function held on the last day. The event was graced by the presence of distinguished guests Prof. S.N. Shukla, Hon'ble Vice Chancellor of Pt. Ravi Shankar Shukla University, Raipur, who served as the chief guest, and Prof. A.D.N. Bajpai, Hon'ble Vice Chancellor of Atal Bihari Bajpai University, Bilaspur, who presided over the function. The programme's Convenor, Prof. H.S. Hota, extended a warm welcome to the gathering, expressing gratitude to the participants for their active involvement and valuable contributions throughout the week-long programme. The valedictory function provided an opportunity for participants to share their feedback, reflecting on the knowledge and skills they acquired during the programme. The participants expressed their appreciation for the guest lectures, interactive sessions, and hands-on activities, which contributed significantly to their learning experience. During his address, Prof. S.N. Shukla emphasized the fundamental concept of research as a means of fostering invention and innovation. He stressed the importance of conducting research that is not only academically rigorous but also socially relevant and beneficial to society. Prof. A.D.N. Bajpai, in his speech, highlighted the evolving nature of research in the current era, emphasizing that research can be conducted anywhere and is not limited to a specific geographical location. He emphasized the role of hard work and dedication in the development of one's personality and encouraged the participants to continue their research pursuits with passion and perseverance. Dr. Rashmi Gupta, the Coordinator of the FDP, extended special thanks to Prof. S.N. Shukla and Prof. A.D.N. Bajpai for gracing the valedictory function with their presence and delivering insightful speeches that left a lasting impact on the audience. She also expressed a heartfelt vote of thanks, expressing gratitude to all the faculty members, guest speakers, and participants for their valuable contributions in making the programme a resounding success. Certificates were distributed to the participants after examinations.