Faculty Development Programme

On

Leveraging Emerging Technologies for Data Analysis

Jointly Organized By

Association of Indian Universities (AIU)

**GSFC University
Academic and Administrative Development Centre (AIU-GSFCU-AADC)
School of Management Studies & Liberal Arts**

24th – 28th November 2025 **2:00 P.M TO 5:00 P.M** **Online Mode**

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ABOUT THE ASSOCIATION OF INDIAN UNIVERSITIES (AIU)

The Association of Indian Universities (AIU), originally established as the Inter-University Board (IUB) in 1925, is the apex body coordinating Indian universities to promote collaboration in education, culture, and allied fields. Legally registered in 1967 and renamed AIU in 1973, it now includes all types of Indian universities and international associates. Through initiatives like the Academic & Administrative Development Centres (AADC), AIU continues to drive academic leadership, institutional development, and capacity building across the higher education landscape

ABOUT GSFC UNIVERSITY

GSFC University is recognized under the Gujarat Private University (Second Amendment) Act, 2014 and is established by the GSFC Education Society - an initiative of Gujarat State Fertilizers and Chemicals Ltd, six decades old industrial giant, to continue the tradition of serving the community in multiple ways. The vision behind establishing this distinct University is societal development through relevant and cutting edge knowledge in frontier areas of professional growth.

GSFC University embraces the philosophy of "Buddhi Gyanen Shudhayanti," emphasizing the purification of mind and intellect through knowledge for success and compassion. It fosters strong industrial support, providing students hands-on training alongside classroom learning.

About the FDP on Advanced Python and Applied Data Science Tools for Research and Development

The rapid integration of emerging technologies such as Artificial Intelligence(AI), Machine Learning (ML), Business Analytics, and Data Visualization tools is transforming the landscape of research and academic inquiry. In today's data-driven environment, the ability to interpret, analyze, and visualize data efficiently has become a core competency for researchers and academicians. Recognizing this paradigm shift, the School of Management Studies and Liberal Arts, GSFC University, is organizing a Five-Day Faculty Development Programme (FDP) on "Leveraging Emerging Technologies for Data Analysis" in association with AIU.

The FDP aims to:

1. To enhance faculty competency in the use of emerging technologies for data analysis and research.
2. To provide hands-on exposure to AI tools and software applications that improve data processing and publication outcomes.
3. To familiarize participants with Smart PLS, Power BI, and AI-based research methodologies.
4. To develop understanding of the publication journey and how AI can assist in manuscript preparation, review, and submission.
5. To encourage interdisciplinary collaboration and knowledge exchange among academicians and researchers.
6. To align faculty skills with the demands of Industry 4.0 and digital transformation in research and higher education.

PROGRAM SCHEDULE

DAY 1 **24**th **Nov**	**2:00 PM** **to** **5:00 PM**	**Practical Considerations in Research with Emerging Technologies** **Prof. (Dr.) Ranjita Banerjee** Professor & Dean, SOM&LA, GSFC University, Vadodara **Research Methodological Advancement with Emerging Technologies** **Dr. Vidhita Sinha** Associate Professor, HOD SOM&LA, GSFC University, Vadodara
DAY 2 **25**th **Nov**	**2:00 PM** **to** **5:00 PM**	**AI Tools in Research** **Dr. Dhaval Maheta** Professor FDP-IIM(A), PH.D. (Management), N.E.T. (Management), M.B.A.(FINANCE), B.E.(PRODUCTION), Post Graduate Diploma in Research Methodology (PGDRM)
DAY 3 **26**th **Nov**	**2:00 PM** **to** **5:00 PM**	**Publication Process and Journey using AI** **Dr. Anuj Kumar** Head of Research and Associate Professor, Rushford Business School, Switzerland
DAY 4 **27**th **Nov**	**2:00 PM** **to** **5:00 PM**	**Data Modelling and Analysis using Smart PLS** **Dr. Hitesh Parmar** Assistant Professor, Sadar Patel University, Vallabh Vidyanagar, Gujarat
DAY 5 **28**th **Nov**	**2:00 PM** **to** **5:00 PM**	**Social Media Dashboarding with Power BI** **Mr. Sumit Chawda** Founder & CEO, Ultron Technologies, Venom Technologies

KEY TAKE-AWAYS:

- Apply AI-based tools to enhance research productivity.
- Use Smart PLS for structural equation modeling and data validation.
- Develop Power BI dashboards for analytical reporting.
- Understand the publication journey with the aid of AI.
- Integrate emerging technologies into academic and research activities.
- E-certificate for 5 days FDP.
- Hands-on FDP, so participants are required to participate with Laptop/ device

CHIEF PATRON:
Shri P. K. Taneja, (IAS Retd.), President, GSFC University

PATRON:
Prof. G. R. Sinha, Provost, GSFC University

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