



**One-Week National Level
Faculty Development Program (FDP) on
“Generative AI and Advanced Tools for
Academic Research”**

Organized By:
Scrollwell



Date: December 09 - December 15, 2024
Time: 07:30 PM - 08:30 PM

ONLINE MODE - ZOOM VIDEO CONFERENCING

CALL FOR REGISTRATION



About *Scrollwell.*

Scrollwell is a dynamic and emerging organization in the education sector, dedicated to strengthening the education system and providing expertise in live training for professional development. Our commitment to excellence is reflected in our successful series of Faculty Development Programs for Digital Literacy, which have reached over 44,850 faculties from July 2020 to July 2024.

At Scrollwell, we recognize the challenges posed by teachers in the digital era, and our team of experts is dedicated to equipping educators with the latest knowledge and skills to deliver effective education. Our training programs are meticulously designed to cater to the diverse needs of professionals and learners, covering themes such as Engineering, Education, Start-up, and Entrepreneurship.

Our mission is to bridge the technological gap in education and empower those who shape the future.

We are recognized by esteemed organizations including **Startup India, MSME and Skill India Supported by Start-up Bihar** and the Centre for Innovation, Incubation & Legal Entrepreneurship, Chanakya National Law University, Patna.

We are part of
#startupindia



OVERVIEW OF FDP

This 7-day Faculty Development Program is meticulously designed to provide academic professionals with a deep understanding of how Generative AI and advanced tools are transforming the landscape of academic research. Participants will explore the latest AI technologies and their applications, learning how to integrate these innovations into their research processes.

The program will cover:

- 1. Foundations of Generative AI:** Participants will gain insights into the core concepts of Generative AI, including its capabilities, limitations, and potential applications in research.
- 2. AI Tools for Research Enhancement:** Hands-on sessions will demonstrate how AI tools, such as ChatGPT, LitMaps, and Research Rabbit, can be used to streamline data analysis, generate research ideas, and assist in literature reviews.
- 3. Practical Applications:** Attendees will engage in practical exercises that showcase how AI can improve research efficiency, from data collection and analysis to interpreting results and presenting findings.
- 4. Ethical Considerations:** The program will address the ethical implications of using AI in research, including issues of bias, transparency, and fairness, ensuring that participants are equipped to use these tools responsibly.

Focused Audience: This FDP is going to be immensely beneficial to faculty of all levels and in different disciplines. After completing this program, faculty will be able to Efficiently Manage and Evaluate Assignments, Tests, assigned work and Student Reports. Educate and Engage Students classes online with live Classes.

Mode of Delivery: Resource Persons will deliver lectures in interactive mode and conduct hands-on sessions in workshop mode through Zoom Video Conferencing platform.

Confirmation of Participation: On receipt of registration, participants will be sent confirmation of their participation through email. Participation for this program is limited. Apply early to avoid disappointment.

Bonus: As a Bonus to this FDP, you will get the Recorded videos of the session, Learning Resources/Step by Step Guide, and helpful E-books for self-learning.

About Scrollwell: Scrollwell as an emerging organization in education is always happy to strengthen education system and offer its expertise in providing live trainings for Professional Development, in past few months focussing on issues in teaching online, we have conducted series of Faculty Development Programs for Digital Literacy in which we had covered over 44800+ Faculties from July 2020 - July 2024.

TOPICS TO BE COVERED

Introduction to AI in Academic Research

Introduce foundational concepts of AI and its applications in academic research.

- Overview of AI and its significance in research.
- Exploration of AI's role in advancing research methodologies and outcomes.
- Discussion on how AI is transforming various academic disciplines.

Expected Outcome: Participants will gain a foundational understanding of AI's role in academic research and its potential impact on their specific fields of study.

Utilizing ChatGPT and Other Tools in Research

Explore the practical applications of AI tools like ChatGPT in academic research.:

- Demonstration of ChatGPT for generating research ideas, refining research questions, and assisting in literature reviews.
- Introduction to additional AI tools: LitMaps, Research Rabbit, Elicit, R-Discovery, Scholarcy, and Prism.
- Practical insights into how these tools can streamline research processes.

Expected Outcome: Participants will be able to utilize AI tools in their research effectively, enhancing their research efficiency and creativity.

Sessions: Application of Research-Based AI Tools

Provide practical experience in using AI tools for academic research.

- Step-by-step guidance on leveraging AI tools for data analysis, interpretation, and other research processes.
- Interactive sessions where participants apply AI tools to their own research projects.
- Group discussions to share experiences and insights on integrating AI into research.

Expected Outcome: Participants will develop hands-on experience with AI tools and techniques, enabling them to apply these skills to their ongoing and future research projects.

Research Paper Writing Using MS Word

Equip participants with the skills to effectively write and format research papers using MS Word.

- Detailed guidance on formatting research papers according to various style guides.
- Techniques for writing clear and concise abstracts, introductions, and conclusions.
- Practical exercises on using MS Word's features for document formatting, citation management, and table of contents generation.

Expected Outcome: Participants will gain proficiency in using MS Word for writing and formatting research papers, ensuring adherence to academic standards.

Topics to be covered

Reference Management

Introduce participants to reference management tools and techniques for efficient citation and bibliography creation.

- Overview of popular reference management software (e.g., EndNote, Zotero, Mendeley).
- Best practices for organizing and managing research references.
- Automating bibliography and citation processes in research papers.

Expected Outcome: Participants will be able to efficiently manage their references, enhancing the accuracy and consistency of citations in their research.

Session: Ethical Dilemmas in AI-Driven Research

Address the ethical considerations associated with AI in academic research.

- Discussion on the ethical implications of AI, including issues of bias, fairness, and transparency in AI algorithms.
- Exploration of ethical dilemmas and best practices for responsible AI use in research.

Expected Outcome: Participants will understand the ethical challenges in AI-driven research and will be equipped to approach their research with a heightened awareness of ethical considerations.

Session: AI for PPT Generation

Explore how AI can revolutionize the way presentations are created by automating and enhancing the design process.

- Introduction to AI-Driven Presentation Tools: Overview of AI tools for creating professional PowerPoint presentations.
- Techniques for AI-Powered Content Generation: How AI generates content for slides, including text, images, and layouts.
- Hands-On Demonstration: Live demo of creating presentations using AI tools.

Program Fee: INR 500/- + Applicable GST

Enrol Now:

<https://scrollwell.com/fdp-on-generative-ai-and-advanced-tools-for-academic-research/>

Contact Us:

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Know your **TRAINER.**

As the founder of Scrollwell, I am passionate about strengthening educators and empowering learners. Through my work, I strive to build a world where everyone has access to quality education and the tools they need to succeed.

Creating impactful solutions that empower learners and strengthen educators. With over 5 years of experience impacting 44000+ teachers, students, and young professionals through classroom boot camps and online courses.

I am a Google Certified Educator with teaching experience in both traditional and online learning environments, Moreover i am an MBA from National Institute of Technology, Jalandhar, and well accomplished in business planning, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, and Digital Marketing. I have also consulted with various schools, organizations, and companies for education-related services across different geographies in India.

Roshan Kumar

Founder and CEO - Scrollwell
Google Certified Educator

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Scrollwell Advantage



Intuitive & Detailed Explanations

"Inspiring lectures with clear, concise, and engaging explanations."

HD Videos + Crystal Clear Audio

"High-quality videos with clear audio for optimal viewing experience."



Practice Exercises, Real-Time Feedback

"Improve skills with interactive exercises and instant feedback."

Lifetime Access, Pocket Friendly

"Long-term value with budget-friendly options for continued access."



Project-based learning

"Hands-on learning through practical projects and real-world application."

Completion Certificate

"Official recognition of completion for added credibility and motivation."

