



Scrollwell

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Presents

10 Days Faculty Development Program on “Professional Development in AI-Driven Pedagogy and Digital Competence for STEM Educators”



CALL FOR REGISTRATIONS

Date: April 18 - 27, 2025 | Time: 06:00 PM - 07:00 PM

Mode: Online (Zoom Video Conferencing)



FDP on “Professional Development in AI-Driven Pedagogy and Digital Competence for STEM Educators”

Overview of FDP: This 10-day Faculty Development Programme is designed to empower STEM educators with the skills and knowledge necessary to thrive in today’s rapidly evolving digital learning ecosystem. The programme focuses on integrating Artificial Intelligence, digital tools, and professional technologies to enhance instructional delivery, learner engagement, and academic productivity.

Key Highlights:

- Microsoft Word, Excel & PowerPoint for Academic Use
- Email Writing & Gmail Productivity
- Portfolio Building & LinkedIn Optimization
- AI Tools for Teaching & Assessment
- Learning Management Systems (LMS)
- Google Chrome Extensions for Educators
- Image & Video Generation for Educational Content
- Ethical Use of Technology in Education

Focus Areas

- Integration of AI in STEM education to enhance instructional delivery.
- Application of digital pedagogy tailored to STEM disciplines.
- Use of AI tools for personalized and data-driven learning experiences.
- Effective use of Learning Management Systems (LMS) for content delivery and assessment.
- Strengthening digital competence for innovative classroom practices.

Outcome

Participants will leave the FDP with:

- Acquired skills to apply AI tools in STEM teaching.
- Gained insights into effective digital teaching strategies.
- Understood methods for personalized, student-centered learning.
- Learned to use LMS for streamlined content delivery and assessment.
- Improved digital confidence and competence.
- Connected with a community of like-minded STEM educators.



Topics to be covered:

1. **Microsoft Word, Excel & PowerPoint for Academic Use:** Leverage Microsoft tools to create well-structured academic documents, analyze student data, and design engaging presentations that enhance classroom delivery.
2. **Email Writing & Gmail Productivity:** Develop effective email communication skills and explore Gmail features that improve efficiency, organization, and professional interaction in academic environments.
3. **Portfolio Building & LinkedIn Optimization:** Build a professional digital presence by creating academic portfolios and optimizing LinkedIn profiles to highlight achievements and connect with the global education community.
4. **AI Tools for Teaching & Assessment:** Integrate AI-driven tools into teaching practices to streamline content creation, personalize learning, and automate assessments for better student outcomes.
5. **Learning Management Systems (LMS):** Utilize LMS platforms to organize course content, facilitate communication, and monitor student progress, supporting a structured and interactive learning environment.
6. **Google Chrome Extensions for Educators:** Enhance productivity and engagement by using free Chrome extensions designed to support teaching, learning, and classroom management.
7. **Image & Video Generation for Educational Content:** Create visually rich learning materials using AI tools for image and video generation, making lessons more interactive and accessible.
8. **Ethical Use of Technology in Education:** Understand the principles of ethical tech use in the classroom, promoting digital responsibility, data privacy, and appropriate online behavior among students.
9. **Designing Self-Paced Learning Courses:** Learn strategies for creating courses that allow students to learn at their own pace, catering to different learning styles and promoting autonomy.
10. **Implementing Live Engagement Tools:** Discover how to use live polls, quizzes, and Q&A sessions to foster real-time interaction and assessment, creating a collaborative learning environment.



Focused Audience:

This FDP is going to be immensely beneficial to faculty and research scholars of all levels and in different disciplines.

Mode of Delivery:

Resource Persons will deliver lectures in interactive mode and conduct hands-on sessions in FDP 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

Learning Outcome Test: A short learning outcome test will be conducted after the session to revise what is learned. Certificates will be shared to participants attending both the session and the test.

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.

FDP Details

- FDP Date: April 18 - 27, 2025
- FDP Time: 06:00 PM - 07:00 PM
- Instructor: Roshan Singh
- Language: English
- Validity Period: Lifetime
- Fee: ₹500 (Additional 18% GST)

Registration Link:

<https://scrollwell.com/course/professional-development-in-ai-driven-pedagogy-and-digital-competence-for-stem-educators/>

For more information,

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write to us at: info@scrollwell.com or contact us through WhatsApp: +91 - 7009548243



IMPORTANT:

- Attempting and submitting all the quizzes and assignments is mandatory.
- Participants should score a minimum of 50% in total to avail the programme completion certificate. Graded certificates will be awarded on the basis of performance. All participants need to submit online feedback for each session.
- Failing to meet any of the above conditions will result in denial of a certificate of completion to the participants.
- Registration is mandatory for participation.

Day to Day Schedule

Day	Date	Session Title	Key Focus Areas
Day 1	April 18, 2025	Mastering Microsoft Word for Academic Excellence	Document formatting, citations, templates, collaboration features
Day 2	April 19, 2025	Professional Email Writing & Gmail Tools	Academic email etiquette, Gmail extensions, automation tools
Day 3	April 20, 2025	PowerPoint for Engaging STEM Presentations	Smart layouts, multimedia, storytelling with visuals, AI tools for slides
Day 4	April 21, 2025	Excel for Academic Data Analysis	Grade sheets, dashboards, pivot tables, academic record management
Day 5	April 22, 2025	Portfolio Building for Educators	Google Sites, Canva, showcasing teaching, research, and achievements
Day 6	April 23, 2025	LinkedIn Profile Optimization for Academic Networking	Profile setup, branding, academic visibility, post creation, networking tips
Day 7	April 24, 2025	AI Tools for Teaching and Assessment in STEM	ChatGPT, Diffit, MagicSchool.ai, AI in evaluations and personalized learning
Day 8	April 25, 2025	LMS Platforms for Digital Teaching	Google Classroom, Moodle, course design, student engagement
Day 9	April 26, 2025	Chrome Extensions for Productivity & Engagement	Mote, Loom, Kami, EquatIO, tools to enhance instruction and feedback
Day 10	April 27, 2025	Image and Video Generation Tools for Educational Content	Canva, DALL·E, Pictory, Lumen5, Synthesia – creating lectures, tutorials, reels



FDP Instructor**Roshan Singh**

Founder and Educator - Scrollwell

Google Certified Educator

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 51000+ 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.

