



Faculty Development Program (FDP)

On

**RESEARCH INNOVATION THROUGH SCIENTIFIC WRITING,
METHODOLOGY AND GRANT EXCELLENCE (RISE 2026)**

Organized by

Centre for Research & Innovation, Amritsar Group of Colleges, Amritsar

Amritsar Group of Colleges, 12 KM Stone, Amritsar-Jalandhar GT Road. Amritsar. 143001. 0183-5014756

ABOUT US

www.agcamritsar.in

About Amritsar Group of Colleges (AGC)

Amritsar Group of Colleges (AGC), established in 2002 by the Amritsar International Foundation (Trust), is an autonomous institution affiliated with I.K.G. Punjab Technical University and approved by AICTE, New Delhi. Accredited with Grade 'A' by NAAC and NBA for various departments, AGC offers premier graduate and postgraduate programs. Renowned for its world-class learning environment, expert faculty, and global collaborations, it ranks among the top engineering colleges in North India. Through MoUs with universities in the USA, Canada, UK, New Zealand, and Taiwan, AGC provides excellent opportunities for international education.

About FDP

The Centre for Research and Innovation (CRI), Amritsar Group of Colleges (AGC), Amritsar, Punjab is organizing a Faculty Development Program (FDP) from December 14–18, 2026 on “Research Innovation through Scientific Writing, Methodology and Grant Excellence (RISE 2026)”. The program aims to strengthen faculty competencies in Research Methodology, Scientific Writing, Quality Publication, Research Ethics, Grant Proposal Development, External Funding, and Contemporary Research Tools. Through expert-led sessions and academic interactions, RISE 2026 will equip participants to design quality research, prepare impactful publications, develop competitive proposals, and enhance the visibility and funding potential of their scholarly work, thereby fostering a sustainable culture of research excellence, innovation, collaboration, and institutional development.

About CRI

The Centre of Research and Innovation (CRI) at Amritsar Group of Colleges (AGC) serves as a faculty-centric platform dedicated to enhancing research excellence and academic advancement. CRI supports faculty through structured research initiatives, national and international conferences, Faculty Development Programs (FDPs), seminars, workshops, and expert guest lectures. The Centre promotes interdisciplinary and application-oriented research, assists in funded projects and quality publications, and strengthens research competencies, patent filing, and IPR awareness. Through industry–academia collaboration, CRI fosters innovation, scholarly leadership, and meaningful contributions to sustainable development and societal progress.



① DR. SANTOSH RANGNEKAR



② DR. JAGPREET SINGH



③ DR. SRINIVAS KULKARNI



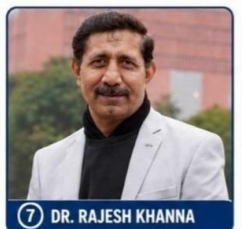
④ DR. SIMRANJIT SINGH



⑤ DR. RAVINDERJIT SINGH WALIA



⑥ DR. CHANDER KANT



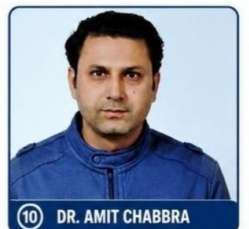
⑦ DR. RAJESH KHANNA



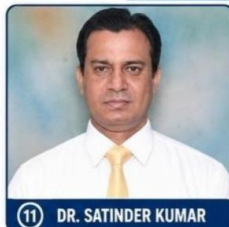
⑧ DR. SAPTARSHI GUPTA



⑨ DR. AMRIK SINGH



⑩ DR. AMIT CHABBRA



⑪ DR. SATINDER KUMAR



⑫ DR. AMARJIT SINGH



⑬ DR. SATVIR SINGH



⑭ DR. AKHIL GUPTA

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Dr. Navdeep Singh,
Dy. Dean (R & D), AGC Amritsar

Dr. Hardeep Singh
Professor, AGC Amritsar

SPEAKERS

1 **DR. SANTOSH RANGNEKAR**,
Professor, IIT Roorkie.

2 **DR. JAGPREET SINGH**,
Assistant Professor, IIT
Ropar/Rupnagar. Punjab.

3 **DR. SRINIVAS KULKARNI**.
Scientist, USA.

4 **DR. SIMRANJIT SINGH**,
Associate Professor, PEC
Chandigarh.

5 **DR. RAVINDERJIT SINGH
WALIA**.
Professor, PEC Chandigarh.

6 **DR. CHANDAR KANT**,
Professor, Kurukshetra
University.

7 **DR. RAJESH KHANNA**,
Professor, Thapar University,
Patiala. Punjab.

8 **DR. SAPTARSHI GUPTA**,
Associate Professor, SRMIST
Delhi-NCR. Ghaziabad.

9 **DR. AMRIK SINGH**, Professor,
LPU. Jalandhar. Punjab.

10 **DR. AMIT CHABBRA**.
Associate Professor, GNDU.
Amritsar. Punjab.

11 **DR. SATINDER KUMAR**
Associate Professor, Punjabi
University. Patiala. Punjab.

12 **DR. AMARJIT SINGH**,
Assistant Professor, LPU.
Jalandhar.

13 **DR. SATVIR SINGH**,
Professor & Dean Student
Welfare, IKG-PTU,
Kapurthala. Punjab.

14 **DR. AKHIL GUPTA**.
Assistant Professor, IKG-PTU,
Kapurthala. Punjab.

BACKGROUND & OBJECTIVES

- To strengthen faculty members' knowledge of research methodology and scientific approaches.
- To develop effective skills in scientific writing, research papers and publications.
- To enhance competencies in research proposal and grant writing.
- To familiarize participants with modern research tools, techniques and digital resources.
- To promote interdisciplinary and collaborative research across Engineering, Management, Computer Applications, Hotel Management, Fashion, Para-Medical and allied disciplines.
- To encourage innovation, critical thinking and problem-solving in teaching and research.
- To improve the quality of academic publications and research outcomes.
- To create awareness about research ethics, plagiarism and responsible research practices.
- To facilitate interaction with experts and promote knowledge sharing and professional networking.
- To empower faculty members for successful research, funding and academic career development.

OUTCOMES

- **Strengthen Research Competence** – Enhance participants' knowledge of research methodology, research design, data analysis, research tools and digital research resources.

- **Improve Scientific Writing & Publication** – Develop the ability to prepare high-quality research papers, proposals, reports and manuscripts while following appropriate citation and publication ethics.
- **Enhance Grant Writing & Research Opportunities** – Build skills to formulate competitive research proposals, identify funding opportunities and increase the potential for quality publications and funded projects.
- **Promote Interdisciplinary Collaboration & Innovation** – Encourage collaborative research across disciplines, develop innovative solutions to real-world challenges and establish academic and professional networks.
- **Improve Teaching & Foster Research Culture** – Integrate research findings, digital tools and innovative approaches into teaching while contributing to a sustainable research culture and overall institutional academic development.

COURSE CONTENT

- **Research Foundations:** Research methodology, approaches and, design. Identification of research problems, objectives and research gaps. Literature review and Research ethics, and integrity.
- **Artificial Intelligence & Digital Transformation** Artificial Intelligence, and Machine Learning. AI applications in teaching, research and industry. Data analytics, decision-making, and use of emerging technologies.
- **Engineering & Technological Innovation.**

Emerging technologies, and Automation. IoT, Smart Systems and sustainable engineering. Design thinking, prototyping and innovation and commercialization.

- **Computer Applications & Cybersecurity.** Cloud Computing, Data Science and intelligent applications. Cybersecurity, privacy and data. Sustainable business models and strategic decision-making.
- **Science & Allied Health Care** Scientific research methods, evidence-based practices and healthcare research design AI, data analytics, digital health technologies and intelligent healthcare systems. Biomedical innovation, healthcare ethics, data privacy and interdisciplinary research.
- **Hotel Management & Hospitality** Smart hospitality and AI-enabled hotel management. Sustainable hospitality and resource management. Customer experience, innovation and digital services.
- **Research Tools & Scientific Writing.** Research data collection, analysis, visualization and interpretation. Reference management, academic databases, citation techniques and scientific writing. Research paper preparation, publication ethics, plagiarism prevention and academic integrity.
- **Research Proposal & Grant Writing** Identification of funding opportunities, research priorities and development of research proposals. Project planning, budget preparation, grant management and sponsored research. Research project

monitoring, documentation, reporting and compliance.

IMPORTANT DATES

Last Date of Registration:

December 10, 2026

REGISTRATION FEES

Faculty & Research Scholar: Rs. 500/-

Industry Person : Rs. 1000/-

To REGISTER for the FDP,

Use the link below to fill in your details, or scan the separately provided QR code to complete the payment.:

Link:

<https://agcamritsar.in/fdp/research-and-development/>



RISE-2026 FDP WILL BE CONDUCTED IN HYBRID MODE

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