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Mode of Conduct

Offline mode
SEMINAR HALL 2
@PESU, EC Campus,
Bengaluru.



TWO-DAY FACULTY DEVELOPMENT PROGRAMME

on

Research Ethics, Research Integrity, and Research Quality in the AI Era

July 13th & 14th, 2026

Department of CSE (AI & ML)
Electronic City Campus, Hosur Road,
Bengaluru, Karnataka – 560100
www.pes.edu



About the Institution

PES University is one of India's premier teaching and research institutions, with a legacy spanning over five decades of academic excellence, innovation, and holistic student development. Established in 1973 as the People's Education Society (PES), the university has grown into a leading multidisciplinary institution serving more than 25,000 students across six campuses. It is recognized by the University Grants Commission (UGC) and accredited with a NAAC A+ grade, reflecting its commitment to quality education and institutional excellence. Guided by its core values of Perseverance, Excellence, and Service, PES University provides a dynamic learning environment supported by modern infrastructure, distinguished faculty, industry collaborations, and experiential learning opportunities. The university is also known for its strong research and innovation ecosystem, fostering interdisciplinary work in areas such as Artificial Intelligence, Data Science, Cybersecurity, Robotics, Healthcare Technologies, Sustainable Energy, and Advanced Computing. Through its Centres of Excellence and strategic collaborations, PES University continues to drive impactful research, entrepreneurship, and technology-driven solutions for societal advancement.

About the Department

The Department of CSE (AI & ML) equips students with strong foundations in computer science while providing specialized knowledge in Artificial Intelligence and Machine Learning. The curriculum integrates programming, data structures, algorithms, deep learning, and data-driven technologies with industry-oriented learning. Students gain hands-on experience through real-world projects, internships, research activities, and industry collaborations, supported by modern laboratories and advanced computing facilities. The department emphasizes innovation, critical thinking, ethical AI practices, and responsible technology development. Through workshops, hackathons, and interdisciplinary learning opportunities, students are prepared to address complex challenges and contribute effectively to emerging AI-driven industries and research.

About the FDP

The Two-Day Faculty Development Programme on “Research Ethics, Research Integrity and Research Quality in the AI Era” is designed to enhance researchers’ understanding of ethical research practices, academic integrity, and quality research outcomes in an increasingly AI-driven world. The FDP will cover key topics such as research ethics and ethical decision-making, research misconduct including fabrication, falsification, and plagiarism, publication ethics, responsible authorship, and the ethical use of AI in research. Participants will also gain insights into data ethics, reproducible research, identifying predatory journals and conferences, avoiding academic scams, and evaluating research impact beyond conventional metrics such as the h-index. Through expert talks and discussions, the programme aims to equip faculty members, researchers, and scholars with the knowledge and best practices required to conduct responsible, credible, and high-impact research while fostering a culture of integrity and excellence in academia.

Objectives of the FDP

1. Promote awareness of research ethics and integrity in AI-driven research.
2. Discuss responsible AI practices and ethical research methodologies.
3. Enhance understanding of research quality, publication ethics, and academic integrity.
4. Explore challenges and best practices in maintaining research standards in the AI era.

Expected Outcomes

1. Identify ethical, unethical, and grey-area research practices using real-world scenarios and evidence-based reasoning
2. Apply ICMJE authorship standards to resolve disputes over author order, ghost authorship, and corresponding author responsibilities
3. Critically interpret and compare research quality metrics (h-index, FWCI, Impact Factor, CiteScore, SNIP, and SJR)
4. Use AI tools responsibly in scholarly work, including disclosure practices aligned with major publisher policies, Identify data manipulation and evaluate research datasets for integrity concerns
5. Detect predatory journals and conferences using verified tools and published checklists. Design and critique multi-dimensional research quality frameworks appropriate to their institutional context
6. Promote a culture of integrity in their departments through informed mentoring and policy advocacy.



Schedule of the FDP

| Foundations of Ethical and High-Quality Research | | |
|--|------------------|---|
| Sessions | Day 1 (13/07/26) | |
| S1 | 09:30 – 10:30 AM | Research Ethics: Why Good Researchers Make Bad Decisions |
| S2 | 10:45 – 12:15 PM | Research Misconduct: Fabrication, Falsification, Plagiarism |
| S3 | 01:00 – 02:30 PM | Publication Ethics and Responsible Authorship |
| S4 | 02:45 – 04:15 PM | Research Quality Metrics: What Makes a Good Researcher? |
| S5 | 04.15 - 05.00 PM | Reflection Cafe |
| Responsible Research in the Age of AI | | |
| Sessions | Day 2 (14/07/26) | |
| S6 | 09:00 – 10:30 AM | Ethics of AI in Research |
| S7 | 10:45 – 12:15 PM | Data Ethics and Reproducible Research |
| S8 | 01:00 – 02:30 PM | Predatory Journals, Conferences and Academic Scams |
| S9 | 02:45 – 04:15 PM | Beyond h-index: Measuring True Research Impact |
| S10 | 04:15 – 05:00 PM | Grand Research Ethics Challenge |

Registration Details

- **Who can participate**
Faculty members, Research scholars, PG Students, and AI/ML practitioners.
- **How to apply**
Participants need to fill the google form for registration, on or before 10th July 2026, and pay the registration fees (₹1000) on the given account details.

Name of the account: PES UNIVERSITY-GENERAL FUND
Bank account number: 589301010050057
IFSC Code: UBIN0558931

- **Registration via link or QR Code:**

<https://forms.gle/JWhSmRSbvp9hvhZv7>



- **Registration Fee: ₹1000.**
(NO REGISTRATION FEE FOR PES FACULTY MEMBERS)
- **Last date for registration: 10th July 2026.**
- **Seats are limited; registration is based on FCFS.**
- **Hostel accommodation will be provided on request.**

Certification

- Candidates would be eligible to receive the certificate upon achieving **100%** attendance.
- Certificate will be provided during Valedictory of the FDP.

Resource Persons

**Eminent Professors from IISC and
Experts from Industry**