Five Days Online Faculty Development Programme (FDP)

"Research Methods and AI-Enhanced Tools for Publishing in Quality Journals"

Date: 15–19 December 2025

Time: 10:00 A.M. onwards

Mode: Online

Event Type: Faculty Development Programme

Organized by: Association of Indian Universities – Academic and Administrative Development Centre (AADC) & Internal Quality Assurance Cell (IQAC), K.R. Mangalam University

In Collaboration with: Association of Indian Universities (AIU)

Number of Participants: 100

Organizing Committee:

1. **Prof. (Dr.) Tania Gupta**
   Director IQAC, & Nodal Officer AIU AADC, K.R. Mangalam University
2. **Ms. Jyoti Kataria**
   Assistant Dean, Education Quality Improvement. K.R. Mangalam University
3. **Dr. Megha Garg**
   Associate Professor, School of Legal Studies, K.R. Mangalam University
4. **Dr. Kanchan Khatreja**
   Assistant Professor (Selection Grade), School of Education, K.R. Mangalam University

5. **Dr. Gargi Singh**
   Assistant Professor (Senior Scale), School of Legal Studies, K.R. Mangalam University
6. **Dr. Saleem Ahmed**
   Assistant Professor (Senior Scale), School of Liberal Arts, K.R. Mangalam University
7. **Dr. Pooja Verma**
   Assistant Professor (Senior Scale), School of Education, K.R. Mangalam University

1. Introduction

In alignment with the institutional vision of promoting a robust research culture and enhancing the scholarly productivity of faculty members, the Internal Quality Assurance Cell (IQAC), K.R. Mangalam University, and the Academic and Administrative Development Centre (AIU-AADC), in collaboration with Association of Indian Universities (AIU) successfully organised a **Five Days Online Faculty Development Programme (FDP)** on *"Research Methods and AI-Enhanced Tools for Publishing in Quality Journals"* from **15 to 19 December 2025**.

The FDP was conceptualized to address a critical gap in higher education institutions, where faculty members often possess strong subject expertise but require structured support in advanced research methodologies, ethical academic writing, and navigation of high-impact publication platforms. With the rapid integration of Artificial Intelligence (AI) in research and publishing workflows, the programme aimed to equip participants with both **traditional research rigour** and **contemporary AI-enabled competencies**.

The programme adopted a **research lifecycle approach**, guiding participants from foundational research concepts to manuscript preparation, ethical compliance, and responsible use of AI tools. Faculty members, research scholars, and academic administrators from diverse disciplines participated actively, making the FDP a rich interdisciplinary learning experience.

2. Objectives of the FDP

The key objectives of the Faculty Development Programme were to:

- Strengthen conceptual understanding of research design, methodology, and scholarly writing
- Enable faculty to identify and target quality journals indexed in Scopus, Web of Science, and other reputed databases

- Develop competencies in conducting systematic literature reviews and identifying authentic research gaps
- Introduce AI-enhanced tools for literature review, research design, writing, and referencing
- Sensitise participants to research ethics, publication ethics, and responsible use of AI
- Support participants in developing near-submission-ready manuscripts aligned with international standards.

3. Day-Wise Report of the FDP

DAY 1 – 15 DECEMBER 2025



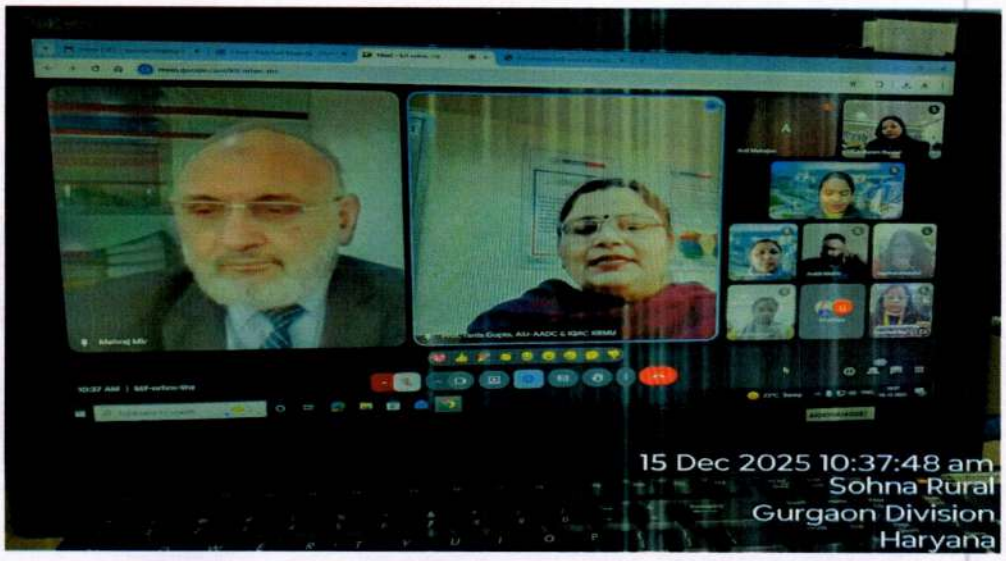
Inaugural Session of the Five-Day Online Faculty Development Programme on "Research Methods and AI-Enhanced Tools for Publishing in Quality Journals"

Inaugural Session

The **Five Days Online Faculty Development Programme (FDP)** commenced with a **formal and well-structured Inaugural Session**, graced by eminent academicians and institutional leaders, setting a purposeful academic tone for the programme. The session was **efficiently moderated by Dr. Gargi Singh, Assistant Professor, School of Legal Studies, K.R. Mangalam University & Member of the Organising Committee of the FDP,** who ensured smooth coordination, time management, and seamless transition between the segments of the inaugural programme.

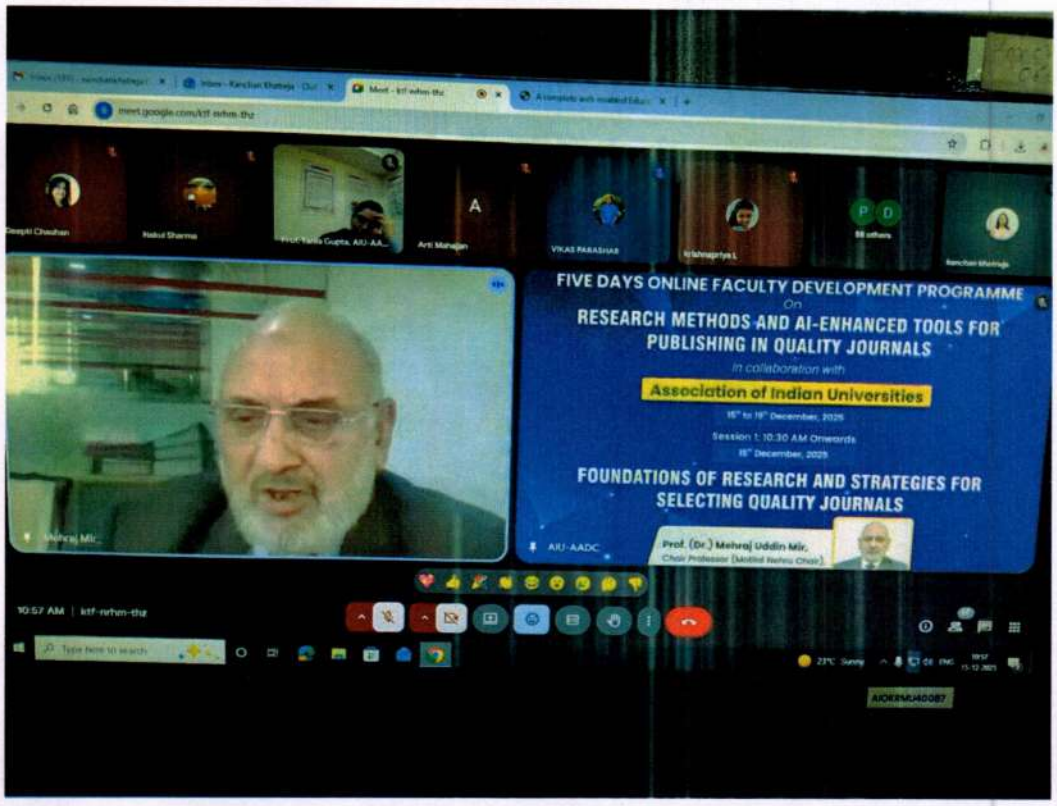
The session began with a **Welcome Address by Prof. (Dr.) Tania Gupta, Director–IQAC and Member Secretary, AIU–Academic and Administrative Development Centre**

(AADC), K.R. Mangalam University, warmly welcomed the dignitaries, resource persons, and participants from various higher education institutions. In her address, Prof. Gupta highlighted the University's sustained commitment to **continuous quality enhancement, ethical scholarship, and research capacity building through structured and collaborative initiatives**. She emphasized that the FDP was thoughtfully designed to address contemporary research challenges by integrating **robust research methodologies with the responsible use of AI-enabled tools**, in alignment with NAAC quality frameworks and AIU's vision for academic excellence.



Welcome Address delivered by Prof. (Dr.) Tania Gupta, Director–IQAC and Member Secretary, AIU–AADC, K.R. Mangalam University

The **Inaugural Address was delivered by Prof. (Dr.) Mehraj Uddin Mir, Chair Professor (Motilal Nehru Chair), K.R. Mangalam University**. who underscored the growing importance of **quality research output in higher education** and the urgent need for capacity-building programmes that effectively blend **academic rigor with technological advancements**. He emphasized that scholarly publication should not be viewed merely as a compliance-driven activity, but as a **meaningful contribution to knowledge creation, institutional credibility, and societal development**. Prof. Mir outlined the **objectives, structure, and expected outcomes** of the FDP, explaining how the programme would guide participants through the complete research lifecycle—from foundational research concepts and methodology design to ethical publishing and AI-assisted scholarly communication. His address provided a strong academic and ethical foundation for the sessions that followed.



Inaugural Address by Prof. (Dr.) Mehraj Uddin Mir, Chair Professor (Motilal Nehru Chair), K.R. Mangalam University

The Inaugural Session concluded with a **Vote of Thanks proposed by Ms. Jyoti Kataria, Assistant Dean, Education Quality Improvement, & Member Advisory Committee, AIU-AADC K.R. Mangalam University**. She expressed sincere gratitude to the dignitaries, keynote speakers, and resource persons for their valuable academic contributions and thought leadership. Ms. Kataria also acknowledged the visionary support of the University leadership, the collaborative partnership with the **Association of Indian Universities (AIU) and AIU–AADC**, and the dedicated efforts of the **Organising Committee, Advisory Committee, and IQAC team** for ensuring the smooth and impactful execution of the FDP. She further appreciated the enthusiastic participation and active engagement of the faculty members and research scholars, expressing confidence that the FDP would lead to **sustained quality enhancement in research practices and institutional growth**.

Theme: Foundations of Research and Strategies for Selecting Quality Journals

Session 1: Foundations of Research and Strategies for Selecting Quality Journals

Resource Person: *Prof. (Dr.) Mehraj Uddin Mir, Chair Professor (Motilal Nehru Chair), K.R. Mangalam University*

This session was delivered in an **interactive, dialogic, and learner-centred mode**, ensuring sustained and meaningful engagement of participants throughout the session. Prof. Mehraj Uddin Mir provided a comprehensive conceptual grounding in the **foundations of research**, situating scholarly inquiry within the context of **contemporary higher education, global research ecosystems, and institutional quality frameworks**. The session highlighted the role of research as a core academic function linked to knowledge creation, societal relevance, and institutional ranking and accreditation outcomes.



Session on "Foundations of Research and Strategies for Selecting Quality Journals" conducted by Prof. (Dr.) Mehraj Uddin Mir

Through **reflective questioning, real-time discussions, and problem-based illustrations**, participants were encouraged to critically examine their own research orientations, problem statements, and publication goals. The session moved beyond theoretical exposition to a **practice-oriented understanding of research quality**, where participants analysed real examples of accepted and rejected manuscripts from reputed journals. This comparative analysis enabled participants to understand reviewer expectations, common pitfalls in manuscript preparation, and the importance of alignment between research design, contribution, and journal scope.

A major focus of the session was on **strategic journal selection**, wherein Prof. Mir elaborated on indexing mechanisms, quality indicators, peer-review processes, and ethical publication standards. Participants were guided to differentiate between credible, high-quality journals and questionable publication outlets, thereby strengthening their ability to make informed and ethical publication decisions. Interactive discussions allowed participants to raise discipline-specific queries and seek expert guidance on aligning research objectives with appropriate journals.

The session fostered a **collaborative academic environment**, with participants sharing experiences related to manuscript rejection, revision processes, and publication challenges. This collective reflection promoted peer learning and reinforced the importance of evidence-based decision-making in research dissemination.

The session made a significant contribution to **quality enhancement in research practices** by developing participants' conceptual clarity, critical judgment, and strategic competence in scholarly publishing. The session strengthened institutional capacity through expert-led, participatory engagement, supporting continuous improvement in research quality, ethical scholarship, and sustainable publication practices.

Session 2: Tools for Journal Identification

Resource Person: *Prof. (Dr.) Garima Awasthi, Research Track Faculty, School of Basic and Applied Sciences, K.R. Mangalam University*

The second session was moderated by **Prof. Tania Gupta, Director IQAC and Member Secretary AIU-AADC**. The resource person, **Prof. (Dr.) Garima Awasthi** conducted the session using a **hands-on, demonstration-based, and application-oriented approach**, enabling participants to actively explore **journal identification and evaluation tools in real time**. Prof. Garima Awasthi facilitated structured demonstrations of reputed journal databases, indexing platforms, and **AI-enabled journal finder tools**, ensuring that participants could simultaneously apply these tools to their own research topics and disciplinary contexts. This real-time application promoted **experiential learning and peer interaction**, allowing participants to exchange insights and resolve challenges collaboratively.



Hands-on session on "Tools for Journal Identification" conducted by Prof. (Dr.) Garima Awasthi

The session placed strong emphasis on **evaluating journal credibility and quality**, guiding participants through the interpretation of impact indicators such as indexing status, citation metrics, peer-review processes, publication timelines, and author guidelines. Participants were trained to systematically **identify and avoid predatory and cloned journals**, an area of critical importance in safeguarding academic integrity and institutional research reputation. Practical exercises enabled participants to compare journals and develop **personalized journal targeting strategies** aligned with their research scope, methodology, and intended audience.

Continuous interaction through live demonstrations, question-and-answer sessions, and guided troubleshooting ensured **deep participant engagement** and immediate clarification of doubts. The collaborative learning environment encouraged participants to share disciplinary perspectives and publication experiences, enriching the overall learning process.

The session made a substantive contribution to **institutional research quality enhancement** by building practical competencies in informed journal selection and ethical publication practices and it strengthened internal quality assurance mechanisms through expert-led, collaborative, and outcome-oriented academic engagement, supporting sustainable improvement in research productivity and publication quality.

DAY 2 – 16 DECEMBER 2025

Theme: Literature Review and Research Gap Identification

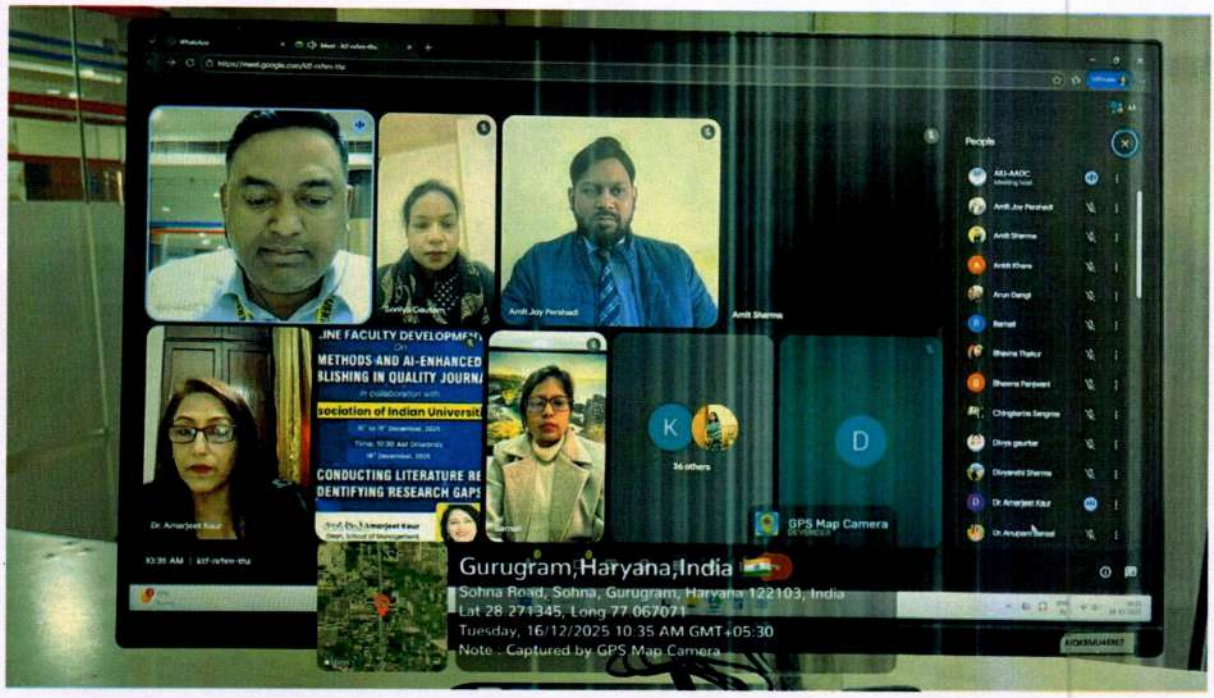
Session 1: Conducting Literature Reviews and Identifying Research Gaps

Resource Person: *Prof. (Dr.) Amarjeet Kaur, Dean, School of Management, Gurugram University, Haryana*



Session on "Conducting Literature Reviews and Identifying Research Gaps" by Prof. (Dr.) Amarjeet Kaur.

This interactive session, conducted by the Resource Person, was characterized by sustained participant engagement through structured questioning, peer discussion, and applied analytical exercises. Prof. Amarjeet Kaur guided participants in developing a **critical and systematic approach to literature review**, emphasizing its role in establishing research credibility, originality, and theoretical grounding. The session provided clear frameworks for organizing literature thematically and methodologically, enabling participants to move beyond descriptive reviews toward analytical synthesis. The session was moderated by **Dr. Saleem Ahmad, Assistant Professor (Senior Scale), School of Liberal Arts, K.R. Mangalam University and Member of the Organizing Committee of the FDP.**



Participants engaging in collaborative discussion during the literature review and gap identification session.

Through **hands-on examination of sample research articles and review matrices**, participants were trained to identify **theoretical gaps, methodological limitations, contextual inadequacies, and emerging research opportunities**. Participants actively shared their own research themes and collaboratively analyzed relevant literature, fostering **cross-disciplinary and inter-institutional academic dialogue**. This collaborative engagement enriched the learning experience and allowed participants to benchmark their research ideas against established scholarly work.

The session also addressed common challenges in literature review, such as information overload, redundancy, and superficial gap identification, offering practical strategies to overcome these issues. Continuous interaction and guided feedback enabled participants to refine their research problem statements and align them more closely with identified gaps.

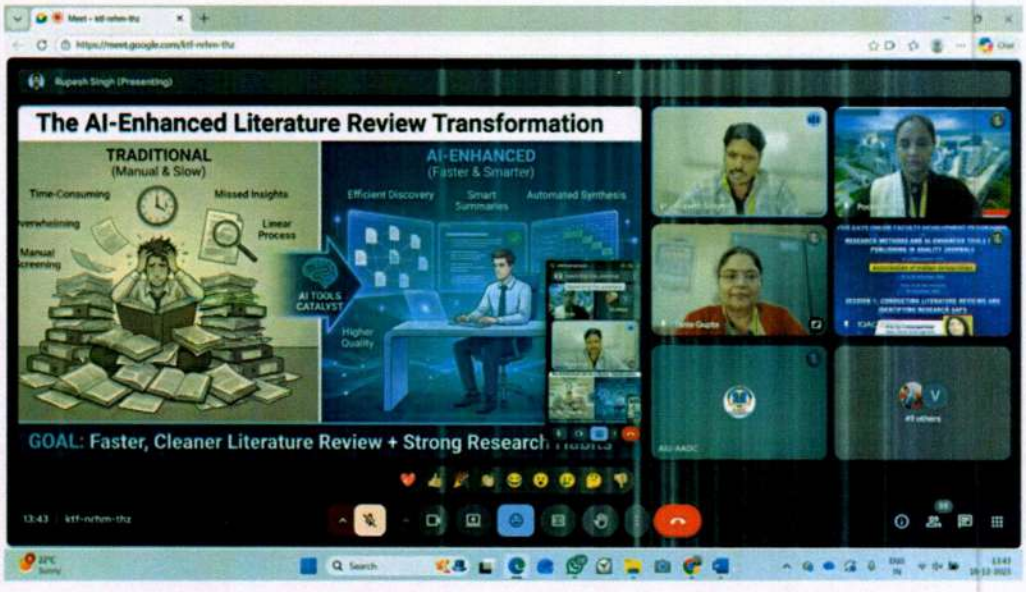
By combining expert guidance with applied learning and collaborative analysis, the session made a substantive contribution to **quality enhancement in research practices**. It strengthened institutional research capacity through expert-led, participatory, and outcome-oriented engagement, directly enabling participants to enhance the originality, rigour, and relevance of their ongoing and future research work.

Session 2: AI Tools for Literature Review

Resource Person: *Dr. Rupesh Kumar Tipu, Research Track Faculty, School of Engineering and Technology, K.R. Mangalam University*

The session was moderated by **Dr. Pooja Verma, Assistant Professor (Senior Scale), School of Liberal Arts, K.R. Mangalam University and Member of the Organizing Committee of the FDP.**

Dr. Rupesh Kumar Tipu, structured his session as a **technology-enabled, hands-on, and application-oriented learning experience**, enabling participants to actively explore **AI-powered tools for literature search, organization, synthesis, and knowledge mapping**. Dr. Rupesh Kumar Tipu facilitated **live demonstrations and guided practice**, encouraging participants to simultaneously apply AI tools to their own research themes, keywords, and problem areas. This real-time application ensured that learning outcomes were immediately transferable to participants' ongoing research work.



Hands-on demonstration of AI tools for literature review by Dr. Rupesh Kumar Tipu

The session covered practical aspects of **systematic literature retrieval, thematic clustering of research studies, reference organisation, and identification of emerging research trends** using AI-assisted platforms. Interactive discussions addressed **ethical considerations, data privacy, transparency, and limitations of AI tools**, reinforcing responsible and

informed use of technology in academic research. Participants were sensitised to maintaining scholarly judgment and originality while leveraging AI to enhance efficiency.



Participants engaging in collaborative discussion during the session by Dr. Rupesh Kumar Tipu

High levels of participant interaction, peer discussion, and query resolution created a **collaborative learning environment**, facilitating cross-disciplinary exchange of best practices and shared problem-solving. Participants actively reflected on challenges encountered in literature review processes and received expert guidance on optimising AI tools to improve research quality.

The session significantly promoted **capacity building through experiential learning**, reinforcing quality research practices and strengthening **institutional readiness for AI integration**. It contributed to continuous quality improvement by enhancing faculty and researcher competencies, supporting innovation in research processes, and embedding technology-enabled practices within the institutional quality assurance framework.

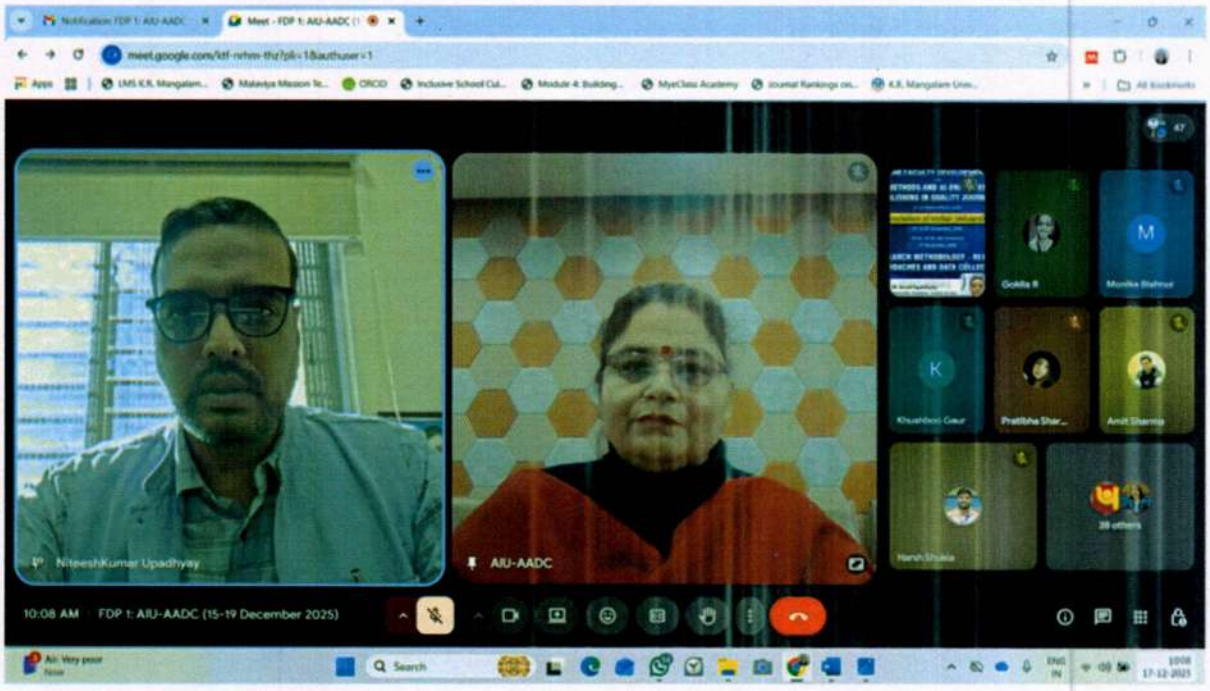
DAY 3 – 17 DECEMBER 2025

Theme: Research Methodology and AI-Supported Research Design

Session 1: Research Methodology – Research Designs, Approaches, and Data Collection

Resource Person: *Dr. Nitish Upadhyay, Associate Professor, School of Law, Dhirubhai Ambani University, Gandhinagar, Gujarat*

This session was moderated by **Prof. Tania Gupta, Director IQAC and Member Secretary AIU-AADC** and was delivered by Dr. Upadhyay using a **participatory, application-oriented, and dialogue-driven pedagogical approach**, ensuring sustained interaction between the resource person and participants. Dr. Nitish Upadhyay provided a comprehensive overview of **research methodology frameworks**, clearly differentiating between **quantitative, qualitative, and mixed-methods approaches**, and contextualising their relevance across disciplinary boundaries. Through **case-based discussions and practical illustrations**, participants were guided in aligning research questions, objectives, and hypotheses with appropriate research designs.



Session on "Research Methodology: Research Designs, Approaches, and Data Collection" by Dr. Neetesh Upadhyay.

The session placed strong emphasis on **data collection strategies**, covering sampling techniques, research instruments, data sources, and ethical considerations. Participants were encouraged to critically reflect on their own ongoing or proposed research studies, identify methodological gaps, and recalibrate their design choices based on scholarly standards and

feasibility. Continuous interaction enabled participants to seek **expert feedback on methodological challenges**, thereby strengthening conceptual clarity and applied competence.



Interactive engagement with participants during the methodology design discussion.

A collaborative academic environment was fostered as participants from diverse institutions and disciplines shared methodological experiences, challenges, and best practices. This **inter-institutional exchange of perspectives** enriched the learning process and reinforced the value of collaborative capacity building in research.

The session significantly enhanced **methodological rigour and research design competence**, contributing directly to **institutional quality enhancement**. and internal quality assurance mechanisms by equipping faculty members and research scholars with systematic, ethically grounded, and context-appropriate methodological skills essential for high-quality research and scholarly publication.

Session 2: AI-Powered Methodology Support

Resource Person: *Dr. Prabhakar Bhandari, Research Track Faculty, School of Engineering and Technology, K.R. Mangalam University*

This session was structured as a **highly interactive, hands-on, and application-oriented workshop**, enabling participants to explore the use of **AI-assisted tools in research methodology design and planning**. Dr. Prabhakar Bhandari facilitated **real-time demonstrations and guided practice sessions**, during which participants actively applied AI tools to their own research problems, methodologies, and data planning requirements. The session emphasized **learning through experimentation**, allowing participants to critically evaluate the relevance and limitations of AI tools in diverse research contexts. The session was moderated by **Ms. Jyoti Kataria, Assistant Dean, Education Quality Improvement and Member AIU-AADC, K.R. Mangalam University.**



AI-powered research methodology support session conducted by Dr. Prabhakar Bhandari

The session covered the application of AI in **research design selection, sampling strategies, instrument development, variable identification, and data structuring**, with illustrative examples drawn from quantitative, qualitative, and mixed-methods research. Participants engaged in interactive problem-solving exercises where they assessed how AI tools could support decision-making while maintaining methodological rigor and ethical standards. Special emphasis was placed on the **responsible and transparent use of AI**, ensuring that human judgment remains central to methodological choices.

Active participant engagement through questioning, peer discussion, and live troubleshooting created a **collaborative learning environment**, facilitating cross-disciplinary exchange of methodological practices. Participants reflected on challenges faced in research planning and received expert guidance on integrating AI tools as supportive, rather than substitutive, research aids.

The session made a significant contribution to **continuous quality improvement and innovation in research practices** by enhancing participants' capacity to design robust, ethically sound, and well-structured research methodologies. The session strengthened institutional research quality through **collaborative capacity building, technology-enabled methodological refinement, and systematic enhancement of research planning competencies**.

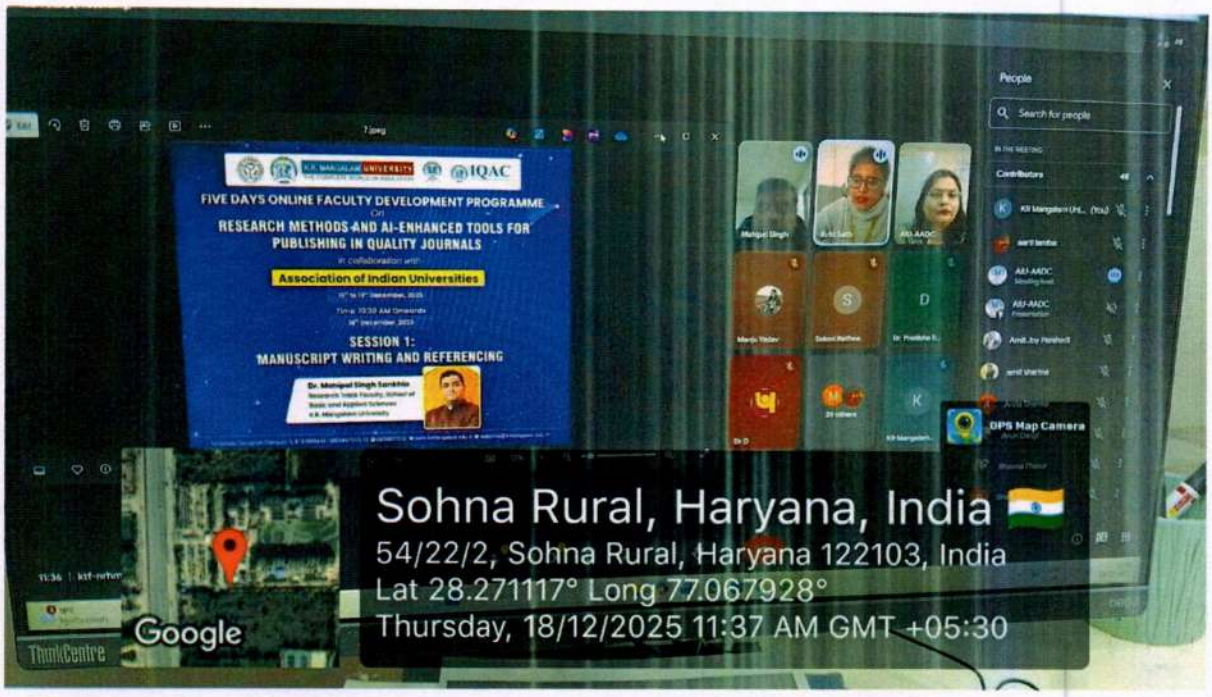
DAY 4 – 18 DECEMBER 2025

Theme: Manuscript Writing and Academic Referencing

Session 1: Manuscript Writing and Referencing

Resource Person: *Dr. Mahipal Singh Sankhla, Research Track Faculty, School of Basic and Applied Sciences, K.R. Mangalam University*

This session was moderated by **Prof. Tania Gupta, Director IQAC and Member Secretary AIU-AADC** and was delivered by **Dr. Mahipal Singh Sankhla** with a strong emphasis on **experiential learning and participant engagement**. Dr. Mahipal Singh Sankhla guided participants through the **structure and components of a high-quality research manuscript**, including title formulation, abstract writing, introduction development, methodology presentation, results interpretation, discussion coherence, and conclusion framing. Participants actively analysed **sample manuscripts from reputed journals**, enabling them to identify strengths, common shortcomings, and reviewer expectations.





Session on "Manuscript Writing and Academic Referencing" conducted by Dr. Mahipal Singh Sankhla

A significant portion of the session focused on **academic referencing and citation practices**, where participants were trained to apply appropriate referencing styles, ensure citation accuracy, and maintain consistency across manuscripts. Through guided exercises and live discussion, participants critically evaluated their own draft manuscripts and received structured

feedback on improving clarity, coherence, logical flow, and academic tone. The session encouraged participants to reflect on writing as an iterative scholarly process rather than a one-time activity.



Participants analyzing manuscript structures and referencing practices during the session.

Continuous interaction through questions, examples, and peer discussion fostered a **collaborative learning environment**, allowing participants from different disciplines to share writing challenges and solutions. The session enhanced participants' confidence in transforming research findings into **publication-ready manuscripts** aligned with journal guidelines and international academic standards.

The session made a direct contribution to **quality enhancement in research output** by strengthening scholarly communication skills essential for high-impact publishing. The session supported institutional capacity building by improving manuscript quality, reducing revision cycles, and promoting consistent, ethical, and standardized academic writing practices across the institution.

Session 2: AI Tools for Writing and Referencing

Resource Person: *Dr. Rupesh Kumar Tipu, Research Track Faculty, School of Engineering and Technology, K.R. Mangalam University*

This session was designed as a **highly experiential, technology-enabled, and practice-oriented workshop**, wherein participants actively engaged with **AI-powered writing and referencing tools in real time**. Dr. Rupesh Kumar Tipu facilitated step-by-step demonstrations, enabling participants to simultaneously apply AI tools to their own research manuscripts, abstracts, and reference lists. The session emphasized **learning by doing**, ensuring that participants developed functional competence rather than only conceptual familiarity with AI tools.

The session covered the ethical and effective use of AI for **academic language refinement, structural coherence, citation accuracy, reference management, and plagiarism prevention**. Participants were guided on how AI tools can be used to improve clarity, conciseness, and readability while **preserving authorial voice and scholarly originality**. Special emphasis was placed on avoiding over-reliance on AI, ensuring transparency in AI-assisted writing, and aligning AI usage with institutional and journal-level ethical guidelines.



Hands-on workshop on AI tools for academic writing and referencing by Dr. Rupesh Kumar Tipu.



Applied learning session on AI-supported academic writing and referencing facilitated by Dr. Rupesh Kumar Tipu.



Vote of Thanks by Ms. Jyoti Kataria

Interactive discussions and problem-solving exercises addressed common challenges faced by faculty and research scholars, such as citation inconsistencies, formatting errors, and inadvertent plagiarism. Participants actively raised queries and shared experiences, making the session a **collaborative and reflective learning space**. The high level of engagement facilitated peer learning and cross-disciplinary exchange of best practices. The session was moderated by **Ms. Jyoti Kataria, Assistant Dean, Education Quality Improvement and Member AIU-AADC, K.R. Mangalam University.**

The session significantly contributed to **quality enhancement in research output** by equipping participants with practical skills for producing ethically sound, well-structured, and publication-ready manuscripts. The session reinforced the institution's commitment to **continuous quality improvement and responsible innovation**, strengthening institutional capacity to integrate AI tools in research and academic writing in a systematic and ethical manner.

DAY 5 – 19 DECEMBER 2025

Theme: Research Ethics, Responsible AI Use, and Valedictory

Session 1: Ethical and Responsible Academic Writing

Resource Person: *Dr. Rishi Ranjan Kumar, Research Track Faculty, School of Basic and Applied Sciences, K.R. Mangalam University*

This session adopted a reflective, discussion-driven, and practice-oriented approach, actively engaging participants in critical conversations on academic integrity, ethical scholarship, and responsible research communication. Dr. Rishi Ranjan Kumar initiated the session by contextualising ethical academic writing within the broader framework of quality assurance, research credibility, and institutional reputation, highlighting its relevance in contemporary higher education and accreditation processes.

Through interactive discussions, real-life case illustrations, and participant reflections, the session addressed key ethical concerns including plagiarism prevention, responsible authorship practices, accurate citation and referencing, data reporting integrity, and avoidance of redundant or fragmented publications. Participants were encouraged to reflect on common

ethical dilemmas encountered during manuscript preparation and submission, fostering shared learning and peer-based reflection.



A significant emphasis was placed on developing ethical decision-making skills rather than mere compliance, enabling participants to internalise principles of honesty, transparency, and accountability in scholarly writing. The session provided practical guidance on institutional mechanisms for plagiarism detection, ethical screening, and corrective practices, thereby strengthening participants' capacity to uphold academic standards.

The high level of participant interaction and reflective engagement transformed the session into a collaborative learning platform, reinforcing ethical awareness as a core dimension of quality enhancement. The session contributed to institutional quality improvement by embedding ethical academic writing practices into the research culture, promoting sustainable, credible, and responsible scholarly output.

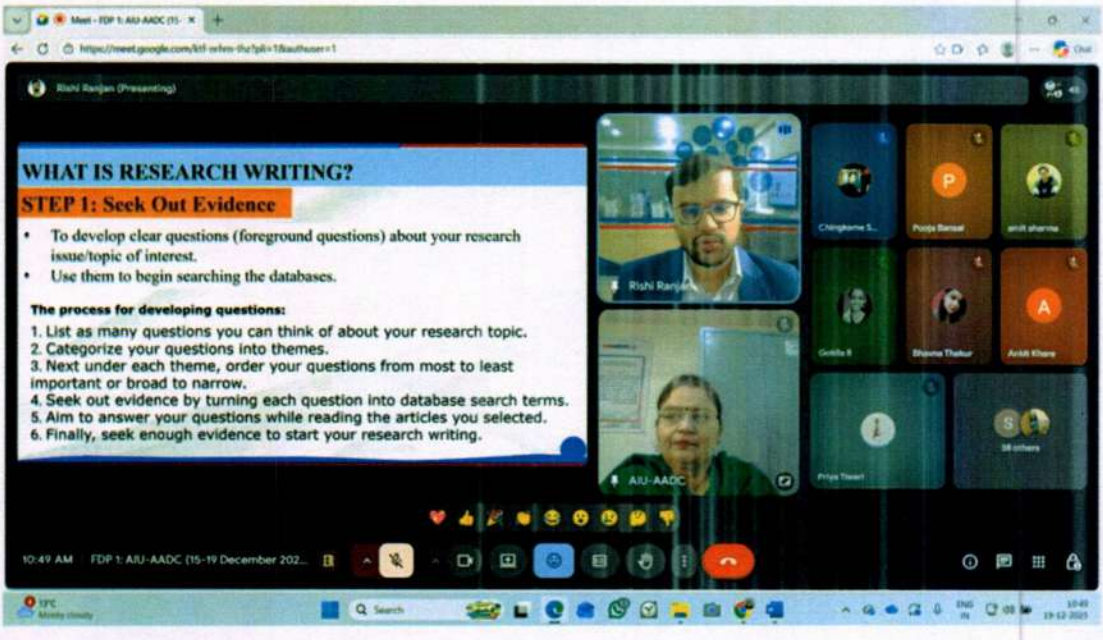
Session 2: Publication Ethics and Responsible Use of AI

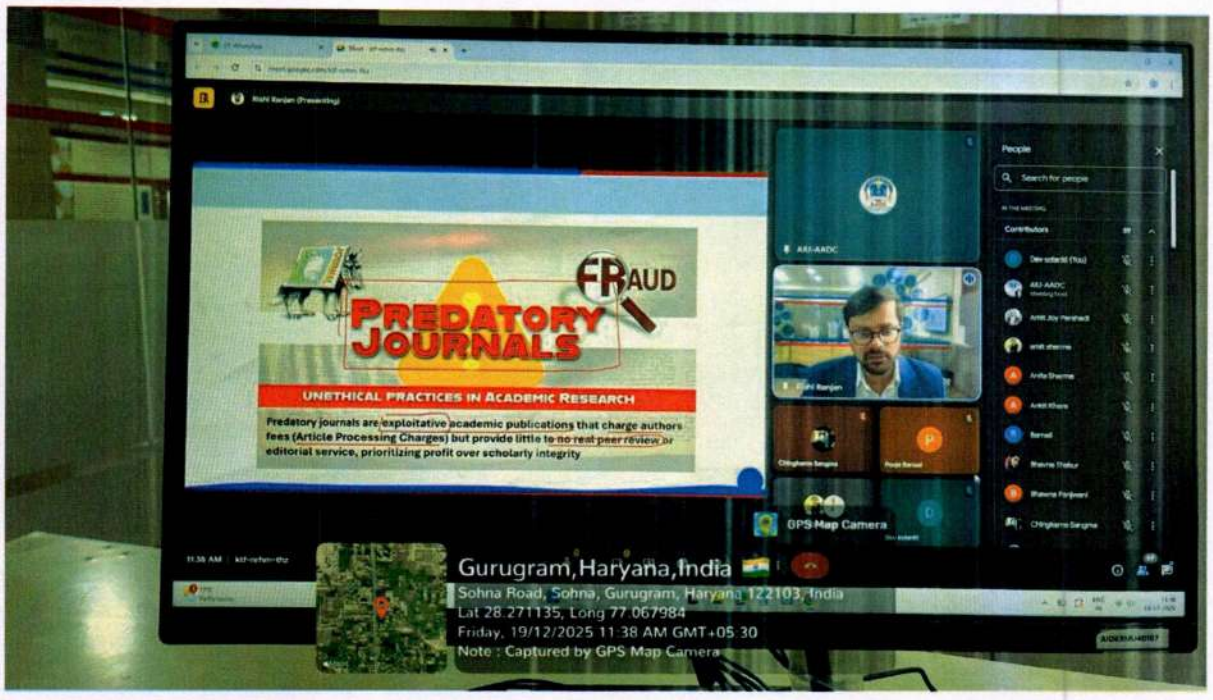
Resource Person: *Dr. Rishi Ranjan Kumar, Research Track Faculty, School of Basic and Applied Sciences, K.R. Mangalam University*

This session was conducted as a highly engaging, policy-oriented, and reflective academic dialogue, with sustained and active participation from faculty members and research scholars

across disciplines. Dr. Rishi Ranjan Kumar provided an in-depth exposition on publication ethics, academic integrity, and the evolving regulatory landscape governing scholarly publishing, situating the discussion within global best practices and institutional quality frameworks. The session covered key ethical dimensions such as plagiarism prevention, authorship responsibility, data integrity, duplicate submissions, and conflict of interest, with explicit reference to COPE guidelines and internationally accepted ethical norms.







Glimpses of Session on "Publication Ethics and Responsible Use of AI" led by Dr. Rishi Ranjan Kumar.

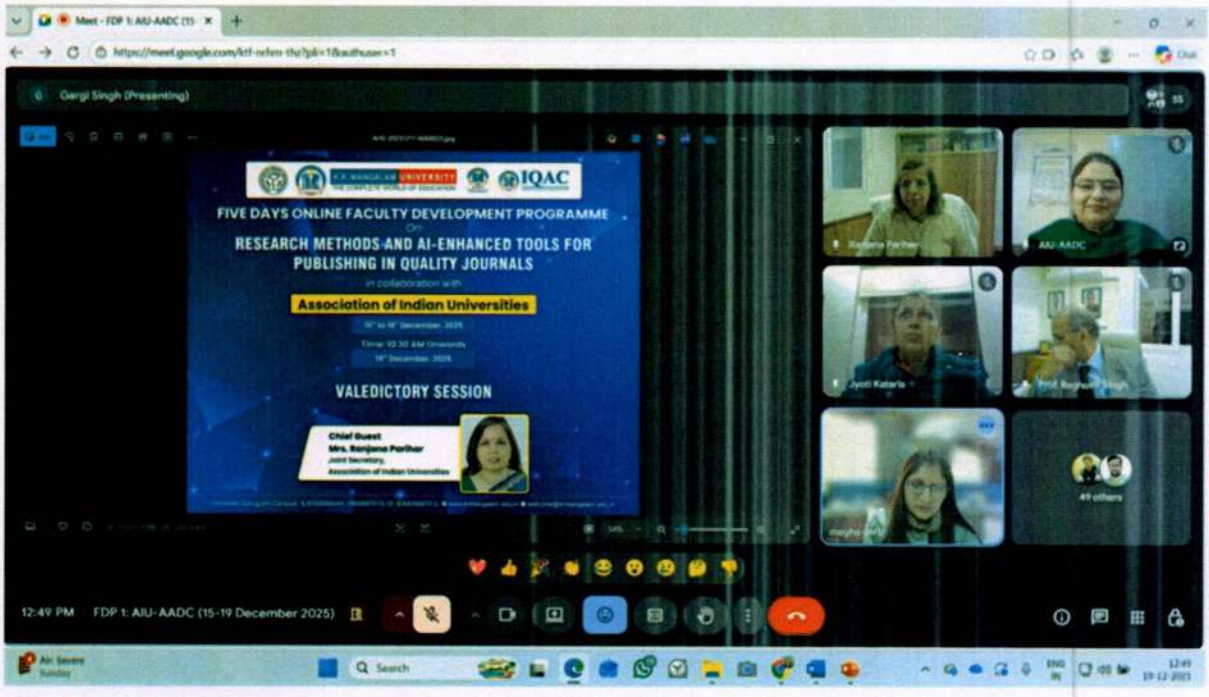
A significant component of the session focused on the responsible and transparent use of Artificial Intelligence in academic research and publishing. Through case-based discussions and interactive questioning, participants critically examined ethical dilemmas related to AI-assisted writing, citation generation, data analysis, and manuscript editing. Dr. Kumar encouraged participants to reflect on both individual researcher accountability and institutional responsibility in framing ethical AI usage policies. Participants actively shared queries and institutional practices, making the session a collaborative learning platform rather than a unidirectional lecture. The session contributed meaningfully to quality enhancement and ethical governance in research, sensitising participants to compliance requirements and fostering a culture of integrity, transparency, and responsible innovation. The session strengthened institutional capacity through structured ethical training, reflective dialogue, and policy awareness, ensuring that quality assurance mechanisms extend beyond procedures to ethical academic practice.

Valedictory Session

Chief Guest: *Mrs. Ranjana Parihar, Joint Secretary, Association of Indian Universities*

In her valedictory address, **Mrs. Ranjana Parihar, Joint Secretary, Association of Indian Universities**, appreciated the **systematic planning, academic depth, and quality-oriented design** of the Faculty Development Programme. She specifically acknowledged the **efforts of K.R. Mangalam University and its IQAC** in conceptualising and executing the FDP as a meaningful **collaborative quality enhancement initiative** in alignment with national and global research standards. Referring to the **comprehensive FDP report presented by Prof. (Dr.) Tania Gupta, Director IQAC and Member Secretary, AIU–AADC, K.R. Mangalam University**, Mrs. Parihar commended the structured research lifecycle approach, integration of AI-enabled tools, and strong emphasis on ethics and responsible research practices.

She also took note of the **overwhelmingly positive feedback received from participants**, highlighting their appreciation for the programme's hands-on orientation, expert-led sessions, inter-institutional learning environment, and direct applicability to ongoing research work. Mrs. Parihar remarked that such feedback reflects the programme's success in addressing real academic needs and enhancing research competencies among faculty members and scholars. The collaborative exchange of perspectives during the FDP, she observed, significantly strengthened participants' understanding of **ethical governance in research** and underscored the value of **AIU–HEI partnerships** in advancing academic excellence.





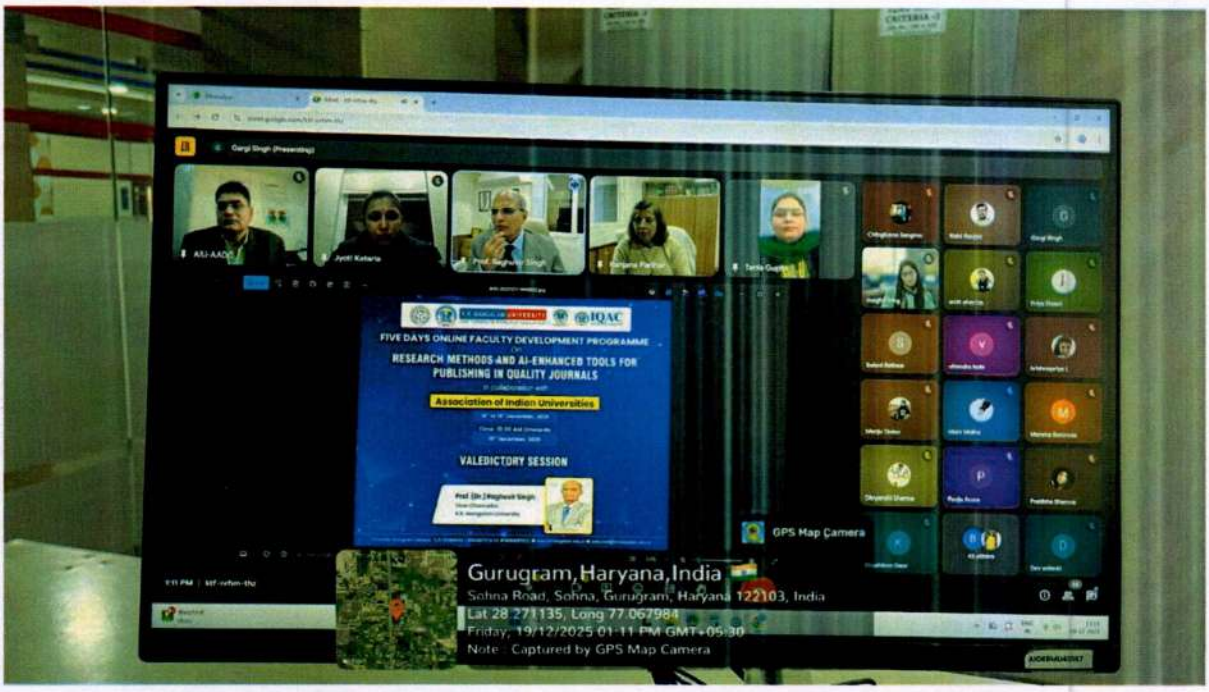
Valedictory Address by Mrs. Ranjana Parihar, Joint Secretary, Association of Indian Universities (AIU).

The address concluded with an affirmation that the FDP stands as a **best practice in quality enhancement through collaboration**, reinforcing AIU's vision of capacity building, institutional accountability, and continuous improvement in higher education. The programme, she noted, exemplifies the spirit of structured, outcome-oriented, and collaborative initiatives that contribute meaningfully to institutional quality assurance mechanisms.

Key Note Speaker: *Prof. (Dr.) Raghuvir Singh*, Vice-Chancellor, K.R. Mangalam University

In his valedictory keynote address, **Prof. (Dr.) Raghuvir Singh, Vice-Chancellor, K.R. Mangalam University**, reflected on the central theme of the FDP—*Research Methods and AI-Enhanced Tools for Publishing in Quality Journals*—and emphasised its timely relevance in strengthening the **research ecosystem of higher education institutions**. He highlighted that quality research, ethical scholarship, and responsible integration of emerging technologies such as Artificial Intelligence are essential pillars for academic excellence, global visibility, and institutional credibility.





Glimpses of Valedictory Keynote Address by Prof. (Dr.) Raghuvir Singh, Vice-Chancellor, K.R. Mangalam University.

Prof. Singh appreciated the **visionary planning and effective execution** of the FDP, acknowledging the dedicated efforts of the **Organising Committee led by the IQAC** for curating a structured, outcome-oriented programme aligned with contemporary research and publication standards. He also commended the **Advisory Committee** for providing academic

direction and ensuring the programme's relevance, rigor, and alignment with national quality frameworks. Special appreciation was extended to the **Association of Indian Universities (AIU) and the AIU–Academic and Administrative Development Centre (AADC)** for their collaborative support, academic partnership, and commitment to faculty capacity building across institutions.

Referring to the multi-day engagement, Prof. Singh noted that the FDP successfully combined **conceptual clarity, hands-on learning, ethical sensitisation, and AI-enabled research practices**, enabling participants to enhance their methodological competence and publication readiness. He emphasised that such collaborative faculty development initiatives are instrumental in fostering a culture of **continuous quality improvement**, interdisciplinary learning, and responsible innovation within the university system.

The Vice-Chancellor concluded by reaffirming the University's commitment to promoting **quality enhancement initiatives through structured collaborations**, encouraging faculty members to translate the learning outcomes of the FDP into improved research output, ethical publishing practices, and sustained academic growth. He observed that the FDP stands as a **model quality initiative** demonstrating how inter-institutional collaboration, expert engagement, and institutional leadership collectively contribute to strengthening internal quality assurance mechanisms and advancing excellence in higher education.



Participants attending the valedictory session of the Five-Day Online FDP.

Thus, the valedictory session concluded with a reaffirmation of the University's commitment to promoting collaborative, outcome-oriented quality enhancement initiatives, encouraging participants to translate the insights gained during the FDP into improved research practices, ethical scholarly output, and sustained academic growth. The FDP was recognized as a successful quality initiative exemplifying how structured faculty development programmes can strengthen internal quality assurance mechanisms and contribute meaningfully to institutional advancement.



Faculty members and research scholars from various institutions participating in the Five-Day Online FDP

4. Outcomes and Impact

- Participants demonstrated **improved competence in designing, executing, and documenting research studies**, with enhanced ability to align research problems, methodologies, and publication strategies with quality journal requirements.
- Participants acquired **hands-on proficiency in AI-enabled research tools** for literature review, research planning, manuscript writing, and referencing, enabling more efficient and systematic research workflows.

- Participants developed a **clear and applied understanding of research and publication ethics**, including plagiarism prevention, authorship responsibility, ethical use of AI, and compliance with international guidelines such as COPE.
- The FDP contributed to **institutional quality enhancement** by strengthening research culture, improving publication readiness, and enhancing the University's **research visibility, credibility, and alignment with national and global quality benchmarks**.

5. Assessment, Feedback and Certification

Throughout the duration of the FDP, **structured daily feedback** was systematically collected from participants to assess the relevance, quality, and effectiveness of each session. The feedback mechanism enabled the organisers to gauge participant engagement, clarity of content delivery, applicability of learning, and overall satisfaction with the programme. The consistently positive feedback reflected high levels of participant satisfaction, particularly with the **hands-on approach, expert-led sessions, ethical orientation, and integration of AI-enabled tools**.

In addition to feedback, participants were administered a **structured assessment** designed to ascertain the achievement of the intended learning outcomes of the FDP. The assessment focused on participants' understanding of research methodology, ethical and responsible academic practices, AI-assisted research and writing tools, and publication readiness. This outcome-based assessment ensured that learning was not only participatory but also **measurable and aligned with quality enhancement objectives**.

Participants who successfully attended all sessions and completed the assessment requirements were awarded **e-certificates of successful completion**. The certification process reinforced accountability, encouraged active participation across all five days, and formally recognized the participants' engagement and capacity building achieved through the FDP.

6. Conclusion

The **Five Days Online Faculty Development Programme** successfully met its stated objectives by offering a **comprehensive, practice-oriented, and ethically grounded training** in research methods and AI-enhanced publishing tools. Through a structured, research lifecycle–based approach, the programme enabled participants to strengthen methodological

rigor, enhance scholarly writing skills, and adopt responsible and effective use of emerging AI technologies in academic research and publication.

The FDP made a significant contribution to **capacity building among faculty members and research scholars** by bridging the gap between theoretical understanding and practical application. Participants developed greater confidence in navigating the complete research and publication process—from literature review and research design to manuscript preparation, ethical compliance, and journal selection. The programme also fostered **collaborative and reflective learning across institutions**, enriching academic dialogue and peer engagement.

Overall, the FDP reinforced **K.R. Mangalam University's commitment to academic excellence, ethical scholarship, and continuous quality enhancement**. By aligning the programme with national and global research standards and quality frameworks, the University strengthened its research ecosystem and advanced its vision of **research-driven institutional growth** and broader **higher education quality assurance practices**.

Report prepared by:	Prof. (Dr.) Tania Gupta	Tania Gupta 21/12/25 Director IQAC K.R. Mangalam University Sohna road, Gurugram Haryana 122103
Report checked & verified by:	Prof. (Dr.) Tania Gupta	Member Secretary AIU-AADC K.R. Mangalam University Sohna Road, Gurugram Haryana 122103 Tania Gupta 21/12/25 Director IQAC K.R. Mangalam University Sohna road, Gurugram Haryana 122103
Report verified by IQAC Office	Dr. Shikha Dutt Sharma	IQAC K.R. Mangalam University, Sohna Road, Gurugram-122103