

ACADEMIC & INSTITUTIONAL RELEVANCE OF THE PROGRAMME

In an era of rapidly evolving higher education, effective teaching requires more than subject expertise—it requires an understanding of how people learn. Advances in cognitive science, educational psychology, and neuroscience provide compelling evidence on the instructional practices that improve learning, retention, and student success.

This five-day Faculty Development Programme is designed to help faculty translate the Science of Learning into everyday teaching practice. Participants will explore evidence-based strategies that improve classroom instruction, assessment design, learner engagement, and inclusive teaching while aligning with NEP 2020 and quality assurance initiatives.

Through expert-led sessions, hands-on workshops, reflective activities, and peer learning, participants will develop practical approaches to cognitive load management, retrieval practice, spaced learning, assessment redesign, artificial intelligence in education, and inclusive classroom practices.

ABOUT AIU-AADC

The Association of Indian Universities (AIU) is a premier representative body of the universities and HEIs of India. AADC initiative is a forward-looking program introduced by AIU to strengthen the academic and administrative ecosystem of HEIs.

The centre aims to enhance the professional capacities of faculty and administrative staff in universities and other Higher Educational Institutions. The centre focuses on:

- Training faculty for online/offline/blended teaching learning methodologies.
- Developing e-content and leveraging technology for continuous assessment and evaluation.
- Facilitating research collaboration
- Leadership development and institutional effectiveness
- Conducting programs on effective university governance and administration through technological advancements

ADVISORY COMMITTEE

S. No.	Name & Designation	Role
1	Prof. (Dr.) Anil Saini, Vice Chancellor, K.R. Mangalam University	Chairperson & Convener
2	Prof. Ranjana Parihar, Joint Secretary, Association of Indian Universities (AIU)	Member
3	Prof. Tania Gupta, Director-IQAC	Member
4	Ms. Jyoti Kataria, Assistant Dean, Education Quality Improvement	Member
5	Dr. Megha Garg, Associate Professor, School of Legal Studies.	Member
6	Dr. Kanchan Khatreja, Assistant Professor' School of Education	Member
7	Dr. Rahul Sharma, Registrar	Member
8	Mr. Deepak Mishra, Deputy Registrar	Member
9	Dr. Kuldeep, Dean, Faculty of Engineering & Technology, Manipal University, Jaipur	External Member
10	Dr. Charu Jain, Associate, Director, Xebia, India	External Member
11	Prof. Tania Gupta, Director IQAC	Coordinator & Member Secretary

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K.R. MANGALAM UNIVERSITY
THE COMPLETE WORLD OF EDUCATION



IQAC
Internal Quality Assurance Cell

FIVE DAYS FACULTY DEVELOPMENT PROGRAMME

On

**SCIENCE OF LEARNING
FOR EVIDENCE-BASED
TEACHING**

**1st – 5th JUNE
2026**



ABOUT K.R. MANGALAM UNIVERSITY

K. R. Mangalam University offers a wide range of Undergraduate, Postgraduate, and Doctoral programmes across multiple disciplines, guided by a highly qualified established in 2013 under the Haryana Private University Act, the University has emerged as a pioneering institution of higher education in Gurugram.

Renowned for its excellence in interdisciplinary education, research, and innovation, KRMU prepares students to become socially responsible individuals who contribute meaningfully to nation-building through their knowledge and skills. The University proactively conducts seminars, expert lectures, industrial visits, internships, symposiums, campaigns, and various experiential learning activities, ensuring that students gain 360° exposure to evolving trends and develop diverse perspectives.

In addition to academic rigour, KRMU places strong emphasis on co-curricular engagement, including vibrant cultural celebrations, community outreach initiatives, technical training, and research-based activities. Recognized for its commitment to quality, equity, inclusiveness, sustainability, and professional ethics, K. R. Mangalam University stands as a symbol of academic excellence and innovation.

OBJECTIVES OF THE PROGRAMME (FDP)

- To develop an understanding of the Science of Learning and evidence-based pedagogy.
- To apply Cognitive Load Theory and principles of human cognitive architecture in instructional design.
- To integrate retrieval practice, spaced practice, dual coding, and other high-impact learning strategies into teaching.
- To redesign assessments and learning experiences using research-backed approaches.
- To strengthen the responsible use of AI tools for teaching, assessment, and academic workflow.
- To promote inclusive classrooms through Universal Design for Learning (UDL) and Differentiated Instruction.

EXPECTED OUTCOMES

- Participants will understand key principles of cognitive science relevant to higher education.
- Participants will be able to redesign teaching and assessment using evidence-based strategies.
- Participants will effectively integrate retrieval practice, spaced learning, and dual coding into courses.
- Participants will develop practical competence in educational AI tools and workflow automation.
- Participants will create action plans for implementing evidence-based teaching in their inclusive classrooms.

GENERAL GUIDELINES

- Mode: Onsite (Physical Participation Mandatory)
- Registration through online form
- Registration Fees for Faculty: Rs. 500/-
- Certificate will be awarded upon successful completion
- Attendance in all sessions is mandatory
- Last Date for registration is 27 May 2026.

Registration Form Link: <https://forms.gle/N42u91hTR9YxPb4j7>

FDP SCHEDULE

Day	Time	Day - Wise and Session Theme	Learning Outcome
1	10:00 A.M.-11:30 A.M. 11:45 A.M.-1:00 P.M. 1:30 P.M.-2:45 P.M. 3:00 P.M.-4:00 P.M.	Inaugural Session Foundations of Cognitive Architecture Human Cognitive Architecture Forgetting Curve & Memory Reflection Workshop	Understand cognitive architecture and cognitive load.
2	10:00 A.M.-11:30 A.M. 11:45 A.M.-1:00 P.M. 1:30 P.M.-2:45 P.M. 3:00 P.M.-4:00 P.M.	Instructional Strategies Instructional Illusions Retrieval Practice Rosenshine Principles of Instruction	Apply evidence-based instructional strategies.
3	10:00 A.M.-11:30 A.M. 11:45 A.M.-1:00 P.M. 1:30 P.M.-2:45 P.M. 3:00 P.M.-4:00 P.M.	Evidence-Based Teaching Dunlosky Learning Techniques Assessment Redesign Peer Reflection	Redesign assessment using research-backed methods.
4	10:00 A.M.-11:30 A.M. 11:45 A.M.-1:00 P.M. 1:30 P.M.-2:45 P.M. 3:00 P.M.-4:00 P.M.	AI in Education AI Use Cases Prompt Engineering Institutional Adoption	Use AI responsibly for teaching and workflow.
5	10:00 A.M.-11:30 A.M. 11:45 A.M.-1:00 P.M. 1:30 P.M.-2:45 P.M. 3:00 P.M.-4:00 P.M.	Inclusive Classrooms EdTech Tools Differentiated Instruction Valedictory Session	Develop inclusive, evidence-based teaching plans.

Chief Patron

- **Prof. (Dr.) Dinesh Singh, Chancellor,**
K.R. Mangalam University

Patron

- **Shri Abhishek Gupta, Pro-Chancellor,**
K.R. Mangalam University
- **Prof. (Dr.) Anil Saini, Vice Chancellor,**
K.R. Mangalam University
- **Shri Rohit Gupta, Director,**
K.R. Mangalam University

Organizing Committee

- **Prof. (Dr.) Tania Gupta,** Director IQAC, K.R. Mangalam University
- **Dr. Megha Garg,** Associate Professor, School of Legal Studies,
K.R. Mangalam University
- **Dr. Kanchan Khatreja,** Assistant Professor (Selection Grade),
School of Education, K.R. Mangalam University
- **Dr. Saleem Ahmed,** Assistant Professor (Senior Scale),
School of Liberal Arts, K.R. Mangalam University
- **Dr. Pooja Verma,** Assistant Professor (Senior Scale),
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