MALAVIYA MISSION TEACHER TRAINING PROGRAMME

Ramanujan College
University of Delhi

under the aegis of
Malaviya Mission Teacher Training Centre

in collaboration with

Department of Computer Science
University of Delhi

&

Sri Guru Gobind Singh College of Commerce
University of Delhi

is organising

Online NEP Orientation and Sensitization Programme
Teaching Pedagogy and Research in the NEP 2020 Framework: Leveraging Artificial Intelligence

13 March to 24 March 2026
Online classes, 3:00 PM. - 6:00 PM., Zoom Platform

zoom

Program Patron:

Prof. Rajendra Kumar Pandey, Principal(OSD) Ramanujan College
Prof. Neelima Gupta, Head,Department of Computer Science, University of Delhi
Prof. Kawal Gill, Principal(oftg.), SGGSCC, University of Delhi

Program Co-ordinators:

Dr. Nikhil Kumar Rajput, Assistant Professor, Department of Computer Science, Ramanujan College
Dr. Ankit Rajpal, Assistant Professor, Department of Computer Sc, University of Delhi
Dr. Ushveen Kaur, Teacher-in-charge & Assistant Professor, Department of Computer Science, Sri Guru Gobind Singh College of Commerce
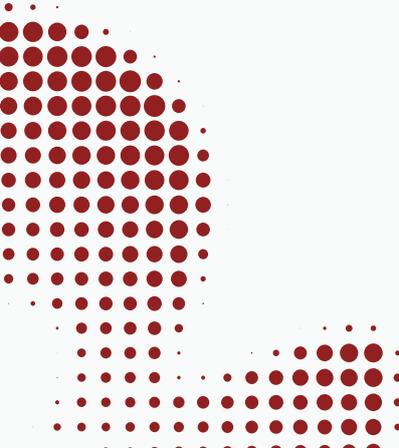
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https://mmc.ugc.ac.in/Login/Index

About the FDP

The National Education Policy (NEP) 2020 emphasizes innovative teaching pedagogy, research orientation, digital competence, multidisciplinary learning, and ethical use of emerging technologies. In this context, Artificial Intelligence has become pivotal for transforming higher education by enhancing teaching–learning processes and strengthening research practices.

This inter-disciplinary FDP aims to equip participants with a foundational understanding of Artificial Intelligence and its practical applications in teaching pedagogy and research. The programme focuses on leveraging AI tools for curriculum delivery, assessment design, content creation, personalized and inclusive learning, literature review, research writing, data analysis, and academic support, while ensuring adherence to ethical standards and academic integrity.

Through expert-led sessions and hands-on demonstrations, participants will gain practical exposure to AI-driven tools. The FDP seeks to empower educators and researchers to integrate AI tools meaningfully into their academic practices, thereby enhancing teaching effectiveness, research productivity, and overall institutional quality.

Programme Objectives

- **To develop a foundational understanding of Artificial Intelligence and Machine Learning** and their applications in teaching and research within the framework of NEP 2020.
- **To equip participants with practical skills in using AI tools** for data analysis, literature review, research gap identification, academic writing, and referencing.
- **To promote ethical and responsible use of AI**, including awareness of plagiarism, data privacy, academic integrity, and psychological implications.
- **To enhance teaching and assessment practices through Prompt Engineering and AI-based tools**, including creation of PPTs, quizzes, question banks, rubrics, and learning outcomes.
- **To prepare educators for the future of AI in research and academia** by introducing Explainable AI, AI-driven academic support systems, and emerging trends in higher education.
- **To foster interdisciplinary applications of AI**, including its role in healthcare, social sciences, and other emerging domains.
- **To encourage innovation, critical thinking, and continuous professional development** among educators in adopting AI-driven solutions in academia.

Modules covered under the Programme

- **Module 1 –** Role of AI in Teaching & Research: A NEP 2020 perspective
- **Module 2 –** Introduction to Artificial Intelligence & Machine Learning
- **Module 3 –** Ethical Use of Artificial Intelligence in Academia
- **Module 4 –** AI Tools in Literature Review, Research Gap Identification and Paraphrasing
- **Module 5 –** AI Tools for Data Analysis (Quantitative & Qualitative Overview)
- **Module 6 –** Psychological Risks and Ethical Challenges of AI in Social Media
- **Module 7 –** Prompt Engineering for Effective Data Visualisation
- **Module 8 –** From Data to Insights: Using AI Tools
- **Module 9 –** Using AI for Curriculum Mapping and Outcome Alignment (CO–PO–PSO Mapping, Bloom's Taxonomy, NEP 2020 Compliance)
- **Module 10 –** AI Tools for Teaching Aids and Rubrics Design
- **Module 11 –** Use of Referencing Styles & Citation Management Tools in Academic Writing
- **Module 12 –** Pedagogical Role of Generative AI in Teaching Assistance: Opportunities and Challenges
- **Module 13 –** A Practical Framework for Integrating AI into Teaching and Research
- **Module 14 –** Prompt Engineering for Teaching & Assessment
- **Module 15 –** Explainable AI in Research
- **Module 16 –** Future of AI in Research & Academia

Sri Guru Gobind Singh College of Commerce
(University of Delhi)

Sri Guru Gobind Singh College of Commerce established in 1984 by the Delhi Sikh Gurdwara Management Committee, is a premier institution of the University of Delhi. Renowned for its academic excellence and value-based education, the college has carved a distinguished place in the field of higher education at both national and international levels.

Accredited with an A++ grade by the National Assessment and Accreditation Council (NAAC) and ranked 32nd under the National Institutional Ranking Framework (NIRF), the college stands as a benchmark of quality and commitment. SGGSCC offers a dynamic learning environment where academic rigor goes hand in hand with holistic development.

With the collective efforts of dedicated faculty and hardworking students, the college continuously strives towards innovation, research, and social responsibility. Its vibrant campus, strong academic culture, and emphasis on character building prepare students not only for professional success but also to contribute meaningfully to society.

Department of Computer Science
(University of Delhi)

The Department of Computer Science at University of Delhi was established in the year 1981 with the objective of imparting quality education in the field of Computer Science. It is presently located on the 1st floor of Faculty of Mathematical Sciences building at north campus of the University of Delhi.

The Department offers academic programs of study primarily at postgraduate and doctoral levels, and at undergraduate level at various colleges of University of Delhi. The Department started 3-year Master of Computer Applications (MCA) programme in the year 1982, which was among the first such programmes in the country. This program is now converted into a two-year program. A two-year M.Sc. Computer Science programme started in the year 2004 with the aim to develop core competence in Computer Science and prepare the students to take up challenges in research and development in Computer Science. The department facilitates internship and placement activities for its students

Various academic programs at the Undergraduate level are also offered by the department through the constituent colleges of University of Delhi. These include B.Sc. (H) Computer Science, B.Sc. Physical Science with Computer Science, B.Sc. Mathematical Science with Computer Science, and B.A. program with Computer Applications

Besides these programs, the Department offers a Doctor of Philosophy (Ph.D.) in Computer Science. . The department has an experienced and rich panel of faculty members to guide the Ph.D. students, including those from colleges who are recognised as research supervisors. Faculty members of the department also undertake different extramural research projects, many of which also support the research activities in different ways

Ramanujan College
(University of Delhi)

Ramanujan College, a Constituent College of the University of Delhi was established in 1958 as an evening college. The College has been accredited Grade "A++" by the National Assessment and Accreditation Council (NAAC) in its Second Cycle. At present, Ramanujan College offers sixteen undergraduate programmes in different disciplines.

Besides this, the college has been awarded the DDUKAUSHAL (Deen Dayal Upadhyay Knowledge Acquisition and Upgradation of Skilled Human Abilities and Livelihood) Kendra (2016) by UG and Teaching Learning Centre (2017) by the Ministry of Education. The College also offers short-term diploma, certificate, and executive development programmes on contemporary and skill-oriented themes to complement theregular graduation courses. It is also the Study Centre of School of Open Learning (SOL), Non-Collegiate Women Education Board (NCWEB) and Indira Gandhi National Open University (IGNOU) for various courses. In 2018, the College conducted a Course on Human Rights, Environment and Ethics through its National Resource Centre (NRC), under the Annual Refresher Programme in Teaching (ARPIT) scheme of MoE. The College has also entered into Memorandum of Understanding(s) with foreign universities.

It is also working for collaboration with other higher education institutions located in remote areas of the country, under the Vidya Vistar Scheme of the University of Delhi.

Registration

This one-week online Capacity Building Programme is interdisciplinary in nature and is designed for faculty members from diverse academic disciplines serving in various universities across the country.

A valid No Objection Certificate (NOC) on the official letterhead of the participant's institution, duly signed and stamped by the Head of the Department or the Principal, is mandatory for successful registration in the Programme.

Upon successful completion, participants will receive a graded e-certificate within 10 days from the conclusion of the Programme. The certificate will be eligible for consideration towards promotion as per the CAS 2018 guidelines.

Steps to Register

REGISTRATION PROCESS

- Visit the website: https://mmc.ugc.ac.in/
- Click on "Register" and fill your basic information. A confirmation mail with your username and password will be sent to your registered email ID.
- Login using your username and password. Change your password on the first login.
- Click on the "Apply for Training" tab In Centre, Choose "Ramanujan College, Delhi" In Month, Select, March" and State/UT as "Delhi". Click on "Search".
- Upload the duly signed Nomination Letter.
- Choose the programme for March 13- 24, 2026 and click on "Apply".

Guidelines

- Registration is mandatory for participation.
- The Programme is in accordance with the requirements of the Career Advancement Scheme 2018, UGC.
- Minimum 90% attendance is mandatory for award of the program completion certificate. Attendance will be recorded session wise.
- There will be evaluation through tests and assignments during the Programme. Graded e-certificates on the basis of performance will be awarded to the participants. The detailed evaluation rubrics for all assessments will be shared prior to the commencement of the programme.

Organizing Board

Ramanujan College

Prof. Rajendra Kumar Pandey	Patron, Principal (OSD)
Dr. Nikhil Kumar Rajput	Assistant Professor

Department of Computer Science, University of Delhi

Dr. Dilip Senapati	Associate Professor
Dr. Aakash Singh	Assistant Professor

Sri Guru Gobind Singh College of Commerce

Prof. Vandana Kalra	Professor
Dr. Rachna Sethi	Assistant Professor
Dr. Megha Ummat	Assistant Professor
Dr.Supreet kaur Sahi	Assistant Professor
Ms. Rashmeet Kaur	Assistant Professor