





(Form for the Submission of Proposal)
Global e-Learning Program for International Students and Faculties
(IIT-I Global e-Learning Program)
International Relations Office
Indian Institute of Technology Indore

1	Title of the Global e-Learning Program (e.g.: "Machine Learning in Energy Science")	Generative AI
2	Proposed dates and duration of the program	June 1, 2026 to June 5, 2026
3	Name of the Course Coordinator(s) (Name, Designation, Department, email, contact number)	Name: Dr. Chandresh Kumar Maurya Designation: Associate Professor Deptt: CSE Email: chandresh@iiti.ac.in Mob: +91 7975642427
4	Details of the Course Instructor(s) from IIT Indore (Name, Designation, Department, email, contact number)	1. Dr. Chandresh Kumar Maurya, IIT Indore 2. Dr. Indu Joshi, IIT Mandi
5	Names of the Proposed invited experts outside IIT Indore (Name, Designation, Department/Institute, email, contact number)	Name: Dr. Indu Joshi Designation: Assistant professor Deptt: SCEE Institute: IIT Mandi Email:
6	Details and Modules of the program (Lectures and Tutorials)	Lecture 1: Intro to genAI Lecture 2: Language Modeling Lecture 3: AE and VAE Lecture 4: GAN Lecture 5: Transformers Lecture 6: LLMs-GPT and BERT Lecture 7: LVMs-ViT Lecture 8: Wave2Vec Lecture 9: Prompt Engineering



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		Lecture 10: Agentic AI
7	Target groups (UG/PG/Ph.D. Students or Faculties)	UG -final year/PG/Ph.D./Faculties
8	Pre-Requisites and Minimum Education Qualification (if any)	A knowledge in ML, linear algebra, probability and optimization will help.
6	How will this program benefit the participants? (in bullet points)	<ol style="list-style-type: none">1. Participants will get to know the basics of Gen AI2. They will learn how these tools can generate images, create music, synthesize videos3. Pre train and fine tune models for their own use case.
Submitted by  (Dr. Chandresh Kumar Maurya) (Signature and Date) Course Coordinator(s)		Approval and Remarks  (Signature and Date) Dean, International Relations, IIT Indore