



## AICTE QIP-PG Certificate Programme In Emerging Areas 2025-26

*An Initiative for the Academic Development of Faculty  
Members Belonging to Core Engineering Disciplines.*

### Host Institutions and Programmes

1	IISc, Bangalore	Machine Learning for solving challenging engineering problems
2	IIT, Kharagpur	Artificial Intelligence
3	IIT, Delhi	Environmental Sustainability of Floating Photovoltaics Projects
4	IIT, Guwahati,	Sustainable Energy Systems: A Data-driven Approach Infrastructure Planning and Management for Smart Cities
5	C-DAC, Pune	High Performance Computing
6	ABV-IIITM, Gwalior	Data Science and Quantum Computing Intelligent Transportation Systems: Synergy of Artificial Intelligence, Drones and EVs
7	IIIT, Tiruchirappalli	3D Printing & Additive Manufacturing Machine Learning and Cyber Physical Systems'



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8	IIIT, Kottayam	Cyber Security and Digital Forensics Artificial Intelligence and Data Science
9	IIIT, Lucknow	Artificial Intelligence and Machine Learning
10	IIIT, Nagpur	Artificial Intelligence and Machine Learning Robotics and Automation
11	IIIT, Una	Artificial Intelligence and Machine Learning
12	IIIT, Vadodara	Artificial Intelligence Cybersecurity
13	IIITDM, Kurnool	Internet of Things Drone Technology (Unmanned Aerial Vehicles (UAV): Design, Development, and Applications)
14	IIIT, Surat	Machine Learning (ML) Semiconductor Technologies: Design, Fabrication, and Applications
15	IIT, Bhilai	Advanced Materials, Rare-earth & Critical Minerals Data Science



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16	IIT, Palakkad	3D-Printing
		Robotics
17	IIT, Roorkee	Advanced Digital Manufacturing: Integrating Precision, Composites, and Manufacturing Technology for Industry 4.0
		Wireless Technology and IOT
18	IIT, Dhanbad	AI and Data Science for Smart Healthcare
		Robotics and 3D Printing
19	IIT BHU, Varanasi	Advances in Robotics: Processes, Applications and Technology
		IoT and Manufacturing: methods, Processes, Applications and Technology
20	IIIT, Allahabad	From AI to Generative AI: Unlocking the Power of Smart Technologies
		From Semiconductors to Chips: IC Design and Fundamentals (SemChips)
21	SVNIT, Surat	Advanced Metallic Alloys for Energy Storage Applications
		Deep Learning: Fundamentals and Applications



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22	IIT, Indore	Emerging Technologies in Advanced Composite Materials: Modeling, Manufacturing, and Testing
23	IIT, Bhubaneswar	Robotics and Artificial Intelligence
		Advanced Materials for Energy and Sustainability
24	IIT, Gandhinagar	Next Generation Communications - 5G and Beyond
		Mathematical Foundations for Engineering, Machine Learning and Finance
25	IIT, Patna	Block Chain and Data Science
26	MANIT, Bhopal	Hydro meteorological Extremes and Climate Disasters: Data-Driven Approaches, Impacts and Resilient Strategies
		Computational tools in Agri-tech and Food processing technology
27	NIT, Raipur	Additive Manufacturing and Machine Learning



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28	NIT, Warangal,	Intelligent IoT with 5G and beyond use cases
		AI-Powered Computer Vision for Smart Agriculture and Healthcare Applications"(Computer Vision and Image Processing)
29	NIT, Puducherry	AI & Robotics
30	VNIT, Nagpur	Data Science (DS) & Data Analytics (DA) for conventional Engineering
31	IIIT, Raichur	Machine Learning
32	IIIT, Kalyani	Block Chain and Cybersecurity
		Energy, Sustainability & Climate Change
33	IIIT, Dharwad	Cyber Security
		Cyber Physical System
34	NIT, Jalandhar	Semiconductor Devices and VLSI Design
35	IIT, Ropar	Hydrogen Energy Technology
		Drone Technology
36	NIT, Suratkal, Karnataka	Intelligent transport systems for Electric Vehicle
		Deep Learning



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37	NIT, Kurukshetra	Advanced Materials for Emerging Technologies
38	NIT, Meghalaya	Robotics and Mechatronics
39	NIT, Rourkela	Semiconductor Fabrication Technology for Photovoltaics
40	IIT, Jammu	Internet of Things
		Cybersecurity and Cyber physical Systems



For Course Details, Eligibility and Admission Procedure visit our website or Scan QR Code  
<https://qippg.aicte.gov.in/>



Last date to Apply  
15th May, 2025



**Prof. T.G Sitharam**  
Chairman, AICTE