

AI for Future Workforce

AI for Future workforce Training Agenda

Faculty Development Program
on
Introduction to Generative AI

National Institute of Technical Teachers Training & Research, Chandigarh

AI for Future Workforce: Generative AI Pre-Packaged Course

Session	Topic	Delivery Mode	Date	Duration
Introduction to Gen AI	1. Program Overview 2. Introduction to IDR 3. Introduction to Generative AI 4. Applications of Generative AI	Online	18 Aug 2025 10:00AM-12:00PM	2 hrs
	5. Demystifying Generative AI Models 6. Prompting Engineering - I 7. Prompting Engineering - II	Online	18 Aug 2025 02:00-04:00PM	2hrs
	8. Basics of Text and Image Generation and Using Gen AI for Productivity - I 9. Basics of Text and Image Generation and Using Gen AI for Productivity - II	Online	19 Aug 2025 10:00AM-12:00PM	2 hrs
	10. Generative AI Ethics 11. Gen AI Project Lifecycle	Online	19 Aug 2025 02:00-04:00PM	2 hrs
	12. Neural Network Fundamentals 13. Gen AI Tools and Evolution of Large Language Models	Online	20 Aug 2025 10:00AM-12:00PM	2 hrs
	14. Diffusion Models and the Evolution of Text-to-Image Generation 15. Pre-Training Generative AI Models	Online	20 Aug 2025 02:00-04:00PM	2 hrs

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Session	Topic	Delivery Mode	Date	Duration
	16. Fine-Tuning Generative AI Models 17. Optimizing Generative AI Models	Online	21 Aug 2025 10:00AM-12:00 PM	2 hrs
	18. Prototyping Generative AI Applications 19. Activities Using Gen AI	Online	21 Aug 2025 02:00-04:00 PM	2 hrs
Implementation Model	20. LLM Alignment and the Responsible Use of Generative AI 21. Sharing best Practices of Implementation model	Online	22 Aug 2025 10:00AM-12:00 PM	2 hrs
	22. Development of the Implementation Model 23. Closing Remarks	Online	22 Aug 2025 02:00 - 04:00 PM	2 hrs
Total Duration				20 Hours