

Workshop Schedule (Including Inauguration, Breaks, Valedictory)

Prompt to Impact: A Generative AI Bootcamp – Detailed Schedule

Mode of Conduction: Virtual (MS Teams)

Duration: 2 Days

Day 1 [10 January 2026 -Saturday]– Prompting & Responsible AI

Speaker: Dr. Bhushan Garware

Time	Session / Activity	Type	Key Topics / Module	Coverage (Topics)	Hands-on Topic & Description
10:00 – 10:15	Orientation & Setup	Administrative	Bootcamp Introduction	Workshop flow, MS Teams/Colab setup, overview of tools	–
10:15 – 12:45	Module 1: Prompt Engineering	Theory + Hands-on	Prompting Basics	- Prompt structure & styles- Zero-shot, Few-shot, Chain-of-Thought- Role-based prompts- Prompt iteration & evaluation	Hands-on 1: Create 3 prompts (Q&A, storytelling, resume helper). Refine outputs through iteration.
12:45 – 01:45	Lunch Break	Break	–	–	–
01:45 – 04:30	Module 2: Responsible AI	Case Study + Hands-on	Responsible & Ethical AI	- AI Bias & Hallucinations- Ethics: Fairness, Transparency, Accountability- IP, Privacy, Authorship- Policies (EU AI Act, India DPDP)	Hands-on 2: Detect biased/unsafe outputs, correct with fact-checking, demonstrate safer AI use.

Day 2 [11 January 2026 -Sunday] – Core Generative AI & Applications

Speaker: Mr. Tushar Kute and Mr. Vivek Nikam

Time	Session / Activity	Type	Key Topics / Module	Coverage (Topics)	Hands-on Topic & Description
10:00 – 10:15	Recap & Setup	Administrative	Review & Setup	Recap of Day 1 learnings, Q&A	–
10:15 – 12:45	Module 3: Core GenAI Models	Theory + Demo	Generative AI Foundations	- GANs (Generator + Discriminator)- Diffusion Models (Stable Diffusion, DALL·E)- LLMs (GPT, Gemini, Claude, LLaMA)- RAG (Retrieval-Augmented Generation)	Hands-on 3: Run a simple GAN (MNIST), generate text-to-image with diffusion, query docs using RAG pipeline.
12:45 – 01:45	Lunch Break	Break	–	–	–
01:45 – 04:30	Module 4: Hugging Face & Apps	Hands-on + Mini Project	Hugging Face & GenAI Applications	- Hugging Face Hub & Transformers- Pipelines (Text gen, Summarization, Sentiment, Image Gen)- Intro to Fine-tuning- Build Mini GenAI App	Hands-on 4: Use Hugging Face pipelines; deploy a vision model; build a mini RAG-powered chatbot/app.

Learning Outcomes (LOs)

- **Day 1:**
 - LO1: Design effective prompts for varied AI tasks.
 - LO2: Apply responsible AI principles to refine biased/unsafe outputs.
- **Day 2:**
 - LO3: Explain and experiment with core GenAI models (GANs, Diffusion, LLMs, RAG).
 - LO4: Implement and deploy Hugging Face models for real-world mini applications.

Key Takeaways

1. Practical skills in **prompt design & evaluation**.
2. Awareness of **ethical AI practices** and regulations.
3. Hands-on experience with **GANs, Diffusion Models, and LLMs**.
4. Confidence in using **Hugging Face & GenAI pipelines**.
5. Ability to **build a small working GenAI application**.