

Module	Generative AI Workshop for Engineering Students	By	
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- 1) *This assessment test is to be given out before course commencement. Answers are to be filled in column entitled “Pre-Course Answer”*
- 2) *At the end of the course, the same assessment sheet is to be given out where answers are to be filled in column entitled “Post-Course Answer”. Instructor will then share the answers.*
- 3) *Assessment sheets will be collected for filling.*

No	Question	Answer Key
1	What is Artificial Intelligence (AI)? A. A branch of biology that studies living organisms B. A field of computer science that simulates human intelligence in computers C. A type of robot that can perform human tasks D. A new programming language for data analysis	
2	Which of the following best describes Generative AI? A. AI that follows predefined rules B. AI that generates new content resembling but not replicating the original data C. AI that only analyzes data without generating new content D. AI used exclusively for automation in factories	
3	What does GPT stand for in the context of AI? A. General Processing Technology B. Generative Pre-trained Transformer C. General Purpose Technology D. Graphical Processing Technique	
4	Which of the following is an application of Generative AI mentioned in the presentation? A. Automated driving systems B. Image recognition in medical diagnostics C. Creation of creative content such as text, music, and visual art D. Financial market prediction	
5	What is one of the ethical principles associated with AI? A. Secrecy B. Transparency C. Exclusivity D. Profit maximization	
6	Which technique is mentioned as a way to mitigate bias in AI? A. Using smaller datasets B. Excluding minority data C. Diverse training datasets D. Increasing model complexity	
7	What does the 'Chain of Thought' instruction framework help AI models with? A. Analyzing images B. Solving problems step-by-step C. Generating random numbers D. Translating languages	

8	In the 'Role, Task, Format' (RTF) framework, what does the 'Task' specify? A. The persona AI should take B. The specific actions or activities expected C. The desired outcome D. The background information relevant to the prompt	
9	Which of the following is an advantage of Generative AI? A. Replacing human workers entirely B. Generating random data without context C. Only useful in academic research D. Automating repetitive and time-consuming tasks	
10	10. What is the 'Goal' in the 'TAG' instruction framework? A. Specifies the persona or perspective AI should take B. Specifies the steps AI needs to take C. Specifies the desired outcome or result users expect D. Provides background information relevant to the prompt	
11	The RISE framework stands for: A. Role, Input, Source, Example B. Role, Information, Steps, Expectation C. Role, Instruction, Steps, Evaluation D. Role, Input, Steps, Expectation	
12	Which of the following is NOT a component of the TAG framework? A. Task B. Action C. Goal D. Result Answer	
13	The CARE framework includes all EXCEPT: A. Context B. Analysis C. Result D. Example	
14	The BAB framework is used to structure a prompt by focusing on: A. Before, After, Bridge B. Begin, Act, Benefit C. Base, Aim, Build D. Background, Action, Benchmark	
15	Which component is unique to the Chain of Thought (CoT) framework? A. Context B. Step-by-step reasoning C. Analysis D. Example Answer	
16	In the RTF framework, what does the "T" stand for? A. Theme B. Theory C. Task D. Topic Answer	
17	The goal of using the CARE framework in AI prompt design is to: A. Provide a comprehensive background B. Define clear actions C. Include relevant examples D. Ensure meaningful and relevant responses	

18	Which of the following best describes the purpose of the TAG framework? A. To structure prompts with a clear Task, Action, and Goal B. To analyze AI output effectively C. To identify gaps in AI performance D. To evaluate AI model accuracy	
19	The "Bridge" component in the BAB framework serves to: A. Identify key tasks B. Define end goals C. Connect the current state to the desired outcome D. Provide context for analysis Answer Key: C	
20	The "Expectation" component in the RISE framework is used to: A. Outline the initial problem B. Set clear goals and outcomes for the AI response C. Provide detailed steps for the AI to follow D. Offer examples for better understanding	
Total		