

ICT PRACTICAL WORKSHEET - STD IX

Worksheet No	6.1
Name of Chapter	Intelligent Machines
Name of Activity	Interacting with NLP Systems
Platform Used	Online AI Tools (ChatGPT, Gemini, etc.)
Time	40 Minutes

Order of Events

Activity	Instructions
Understand AI & NLP	Learn how AI systems work through Data Collection, Pattern Recognition, and Decision Making.
Explore NLP Systems	Use an online NLP system like ChatGPT, Gemini, or Meta AI.
Basic Prompt Testing	Ask: <i>"What is Photosynthesis?"</i> Observe the response.
Detailed Prompt	Ask: <i>"Explain the light phase and dark phase of photosynthesis."</i> Compare the detail level.
Role-Based Prompt	Use: <i>"Act as a high school teacher and explain photosynthesis."</i> Note the difference in response style.
Creative Prompt	Ask: <i>"Write a short story about a bookseller and a fisherman."</i>
Poetry Prompt	Use: <i>"Write a 20-line poem about Kerala's scenery."</i>
Record Responses	Save or screenshot the responses for each prompt.
Reflect on Use	Write one advantage and one caution when using AI for learning.

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Worksheet No	6.2
Name of Chapter	Intelligent Machines
Name of Activity	AI for Images & Responsible Use
Platform Used	Online AI Image Tools (e.g., Canva AI, DALL-E, etc.)
Time	40 Minutes

Order of Events

Activity	Instructions
AI Image Generation	Use an online AI image generator.
Environment Day Poster	Enter prompt: <i>"Draw an image of an Indian girl planting a tree."</i>
Download Image	Save the generated image as <code>environment_day_poster.png</code> .
Creative Image Prompt	Try: <i>"Draw an image of a cat selling bangles."</i> Save as <code>cat_bangles.png</code> .
Explore AI Systems	Visit platforms like: Anuvadini (translation), Canva (images/videos), ChatGPT (text).
Complete AI Uses Table	Fill a table with AI tools and their uses (text, image, video, translation, 3D models).
Responsible AI Principles	List 4 key principles: Avoid Harm, Respect Privacy, Be Honest, Think Critically.
AI Agent Understanding	Explain what an AI Agent is and give one example.
Final Reflection	Write a short paragraph on how AI can be used responsibly in studies.