



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS)

(Deemed to be University)

NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST ), MBA & MCA



## AI Tools for Education

(# Source: 5 Day Professional Development Programme on “AI in TEACHING AND LEARNING” 6<sup>th</sup> April, 2026 to 10<sup>th</sup> April, 2026) - NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH, Chennai)

Category	Recommended AI Tools	Key Functionality
Teaching & Learning	<ul style="list-style-type: none"><li>➤ ChatGPT</li><li>➤ DeepSeek</li><li>➤ Google Gemini</li><li>➤ Khan Academy (Khanmigo)</li><li>➤ Brainly</li><li>➤ Thinkster Math</li><li>➤ Perplexity</li></ul>	Core AI interaction, Personalized Tutoring and idea generation.
Assessment & Engagement	<ul style="list-style-type: none"><li>➤ Slido</li><li>➤ Kahoot</li><li>➤ Quizizz(Wayground)</li><li>➤ Socrative</li><li>➤ Mentimeter</li><li>➤ Google Forms</li></ul>	Real-time Polling, Gamified quizzes, and Student Feedback.
Academic Tools	<ul style="list-style-type: none"><li>➤ NotebookLM</li><li>➤ Brisk AI</li></ul>	Summarization, Q&A, insight generation from uploaded academic content Assignment creation, Feedback automation, Teaching support
Lesson & Presentation	<ul style="list-style-type: none"><li>➤ Canva</li><li>➤ Gamma</li><li>➤ Beautiful.ai</li><li>➤ MagicSchool.ai</li><li>➤ Slidesgo</li><li>➤ SlidesAI</li><li>➤ AI PPT Generator</li></ul>	Automated slide generation and lesson planning.



## MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS)

(Deemed to be University)

NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA & MCA



<b>Category</b>	<b>Recommended AI Tools</b>	<b>Key Functionality</b>
<b>Content Creation Tools</b>	<ul style="list-style-type: none"><li>➤ Eduaide.ai</li></ul>	Lesson planning, Quiz generation, Rubric design, feedback automation
<b>Research &amp; Literature</b>	<ul style="list-style-type: none"><li>➤ Elicit</li><li>➤ Semantic Scholar</li><li>➤ Jenni AI</li><li>➤ ResearchRabbit</li><li>➤ SciSpace</li><li>➤ Julius AI</li><li>➤ Notebook LM</li></ul>	Literature Reviews, Paper summaries and citation management.
<b>Writing &amp; Productivity</b>	<ul style="list-style-type: none"><li>➤ Grammarly</li><li>➤ Wordtune</li><li>➤ Claude</li><li>➤ Microsoft Copilot</li><li>➤ Otter.ai</li></ul>	Academic writing, meeting Transcription and Paraphrasing.
<b>Multimedia Production &amp; Video Tools</b>	<ul style="list-style-type: none"><li>➤ Synthesia</li><li>➤ InVideo AI</li><li>➤ DALL-E</li><li>➤ MidJourney,</li><li>➤ ElevenLabs</li><li>➤ Powtoon</li><li>➤ Pictory</li></ul>	Video creation, AI avatars, and Image generation.
<b>Coding &amp; Data Science</b>	<ul style="list-style-type: none"><li>➤ Jupyter AI</li><li>➤ Google Colab</li><li>➤ GitHub</li><li>➤ Copilot</li><li>➤ Power BI</li><li>➤ Tableau AI</li></ul>	Technical development and advanced Data Visualization.
<b>Learning Management Systems</b>	<ul style="list-style-type: none"><li>➤ Moodle with AI Integration</li><li>➤ Canvas with AI Plugins</li><li>➤ DreamBox</li><li>➤ Smart Sparrow</li><li>➤ Knewton AI</li><li>➤ Netex Learning</li></ul>	Adaptive learning platforms, and analytics tools support personalized learning, data-driven decision-making, and enhanced visualization for academic improvement



# MADANAPALLE INSTITUTE OF TECHNOLOGY & SCIENCE (MITS)

(Deemed to be University)

NAAC Accredited with A+ Grade, NIRF India Rankings 2025 - Band: 201-300 (Engg.)

NBA Accredited - B.Tech. (CIVIL, CSE, ECE, EEE, MECH, CST), MBA



<b>Category</b>	<b>Recommended AI Tools</b>	<b>Key Functionality</b>
<b>Diagram &amp; Design Tools</b>	<ul style="list-style-type: none"><li>➤ Draw.io</li><li>➤ Flowchart Maker</li><li>➤ Photo Blender</li><li>➤ Image Merge (Ziolyry App)</li></ul>	Create flowcharts, diagrams, system designs, and technical illustrations, Merge multiple images into a single composite image
<b>Data Analytics &amp; Visualization</b>	<ul style="list-style-type: none"><li>➤ Power BI</li><li>➤ Tableau</li><li>➤ Tableau AI</li><li>➤ Bricks</li></ul>	Data visualization, dashboards, real-time analytics, business intelligence
<b>Text to Video Generation tools</b>	<ul style="list-style-type: none"><li>➤ InVideo</li><li>➤ FlexClip</li><li>➤ Veed</li><li>➤ Fliki</li></ul>	
<b>AI Writing Tools</b>	<ul style="list-style-type: none"><li>• ChatGPT</li><li>• Claude</li><li>• Google Gemini</li><li>• Microsoft Copilot</li><li>• Canva Magic Write</li><li>• Grammarly</li><li>• Jenni AI</li><li>• Paperpal</li><li>• Sudowrite</li><li>• Wordtune</li><li>• Humata</li><li>• Buffer</li><li>• Jasper</li><li>• Copy AI</li><li>• SEOWind</li><li>• Ahrefs</li></ul>	Automate content creation, enhance communication, and support multimedia-based Teaching and Learning.