

SVKM'S NMIMS

NMIMS EduGenAI

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NMIMS Vision

To be a globally admired University by 2030

NMIMS Mission

Emerge as a Centre of Excellence, best in class in India and Asia, and yearning to be the best in the world by 2030



GenAI Guidelines
and Policy



GenAI Faculty Development
and Workshops



GenAI-Enhancing Teaching-
Learning Process



GenAI- Progress
Monitoring

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Preface

Warm Greetings!

Welcome to the **NMIMS EduGenAI Newsletter!** As we at NMIMS begin our exciting journey into the realm of Generative Artificial Intelligence (GenAI), we invite you to delve into this innovative world with us through our newsletter, where creativity and innovation converge.

Our Vision

At NMIMS University, we recognize the transformative potential of Generative AI in revolutionizing education, research, and industry. Under the visionary leadership of Hon. Chancellor Shri Amrish Patel and Vice-Chancellor Dr. Ramesh Bhat, we are dedicated to seamlessly integrating Generative AI into our academic framework.

About the Newsletter

This newsletter is going to be the heartbeat of the GenAI community of our faculty members. Here is what you can expect:



Knowledge Sharing

The newsletter will highlight practical applications, personal experiences, and success stories shared by faculty members.



Updates and Trends

The newsletter will ensure everyone is informed about the news related to activities and events corresponding to Generative AI across the university, latest advancements in the domain of Generative AI. From ground-breaking research and new tools to industry updates, our readers will stay in the know.



Community Engagement

It will promote community engagement by sharing insightful use-cases and practical applications from our members. It shall encourage collaboration, strengthening our collective expertise in Generative AI.



Bridge the Gap

The newsletter will connect technical experts and faculty members who are experienced in Generative AI with those who are just beginning to explore it.

Together, we will write the next chapter in NMIMS' legacy!

In this edition

- **Introduction to Generative AI**
- **NMIMS University Embraces Generative AI**
- **GenAI Initiative at NMIMS: Empowering Teams for Success**
- **News and Events**
- **GenAI Tools Use-Cases**
- **Latest Updates and Trends**



Introduction to Generative AI

Generative artificial intelligence (GenAI) has emerged as a transformative force across various domains, including education. GenAI models, such as ChatGPT and Dall-E, create new content-text, images, music, and more-by learning underlying patterns and relationships within data.

In education, GenAI is reshaping the landscape through personalized learning experiences, content creation, and assessment.



UNITED NATIONS
Educational, Scientific, Cultural Organization

UNESCO recognizes the potential of GenAI in enhancing teaching and learning, promoting creativity,

and addressing educational challenges.

UNESCO's global guidance aims to ensure responsible AI use in education, promoting quality learning, equity, and inclusion.

Imagine AI tutors generating tailored learning materials and answers for each student's unique needs, regardless of their location.



NMIMS University Embraces Generative AI



Message from Hon. Chancellor

Shri Amrish Patel

President SVKM and Chancellor SVKM's NMIMS

The University is committed to Innovation in our education processes. Our University, through our faculty and academic leadership teams and staff, must remain at the forefront of these technological advancements in the rapidly changing landscape of Generative AI (GenAI). The faculty must focus on collaborative research initiatives, innovative curriculum enhancements, and equipping our students with better learning opportunities. I am very happy that the University has taken the initiative of bringing a newsletter on GenAI each month to reinforce our institution's commitment to adapting to these advancements by incorporating GenAI into our academic programs, fostering innovation, and preparing our students for a future.



Message from Vice Chancellor

Dr. Ramesh Bhat

Vice Chancellor, NMIMS

We are excited to share our university's GenAI newsletter, which will bring you the developments in the use of GenAI in education every month. The University is in the process of coming up with comprehensive policy guidelines to ensure the responsible and ethical use of technology while fostering innovation. Our dedicated team actively generates real-world use cases that illustrate how GenAI can enhance learning experiences by focusing on our commitment to fostering a culture of creativity and critical thinking. And at the same time streamlining academic administrative tasks. Faculty development programs have also been established to seamlessly equip educators with the skills and knowledge to integrate GenAI into their teaching methodologies. Join us as we explore the limitless possibilities of GenAI in education and celebrate the steps we're taking toward a more innovative academic future!



GenAI Initiative at NMIMS: Empowering Teams for Success

Under the visionary leadership of Hon. Chancellor Shri Amrish Patel, the SVKM's Office Bearers meeting held on May 18, 2024, focused on integrating Generative AI (GenAI) into NMIMS University's academic processes. Based on this discussion:

- A brief report on strengthening GenAI adoption at NMIMS University was published in the NMIMS Monday Morning Chronicle on May 20, 2024 (Volume 37, Issue 3).
- The report outlined the efforts required to leverage GenAI for enhanced academic experiences and innovative research opportunities.

As a part of this initiative, Dr. Ramesh Bhat has constituted an anchor team which is divided further into four dynamic teams to drive the integration of Generative AI across the university.

The Anchor Team Members include:

- School/Campus Heads
- Faculty members from diverse domains

The four dedicated teams to spearhead the Generative AI initiative for educational excellence are:

**GenAI-Guidelines and Policy Team**

A key team at NMIMS University is developing policies and guidelines for the ethical and effective use of Generative AI, ensuring responsible adoption and alignment with the educational mission. Their work will address privacy considerations, security measures, and ethical implications, paving the way for successful GenAI integration.

**GenAI-Faculty Development and Workshops Team**

The GenAI-Faculty Development and Workshops Team is dedicated to upskilling NMIMS University faculty members through tailored programs and workshops, enabling them to leverage Generative AI tools for enhanced teaching and research capabilities. These initiatives will build a community of GenAI-savvy educators, driving innovation and excellence in academia.

**GenAI-Enhancing Teaching-Learning Process Team**

The third team will explore how Generative AI can enhance the Teaching-Learning Process and multi-campus program coordination. They will leverage AI-generated insights to streamline administrative processes, optimize resource allocation, and improve communication across campuses.

**GenAI-Progress Monitoring Team**

The fourth team at NMIMS University serves as an oversight committee, monitoring the progress of the other three teams and ensuring:

- Alignment with GenAI integration goals
- Timely tracking of milestones and outcomes
- Provision of constructive feedback for continuous improvement.

News and Events

NMIMS Faculty Lounge-June

Topic: GenAI at NMIMS University Series 1 | Episode 1

Day, Date and Time: Thursday, June 27, 2024 @ 04:00 P.M.

On Thursday, 27 June 2024, NMIMS Bengaluru campus hosted a virtual faculty lounge under the series dedicated to GenAI at NMIMS.



Key Highlights

Dr. Ramprasadh Goarty (Asst. Professor, NMIMS, Bengaluru Campus) introduced Generative AI and its implications in teaching-learning.

Dr. Ramesh Bhat (Hon. Vice Chancellor) briefed about the GenAI initiative at University, and laid down the emphasis on ethical considerations and responsible use of the tools.



Dr. Koteswararao Anne (Dean, MPSTME) provided insights into the Viva Engage Application available in Microsoft 365. With the help of this platform, all the faculty members of the university can communicate and network with each other seamlessly as a close community on the theme of Generative AI and share knowledge and ideas. He also shared the use-cases on Viva-engage.



Dr. Praveen Kumar Loharkar (Asst. Professor, MPSTME, Shirpur Campus) discussed the why and how of Gen AI tools through a short hands-on session covering a few prominent GenAI tools such as **Gemini**, **CoPilot** and **Claude AI** for different use- cases that can enhance teaching and learning experiences.



Copilot



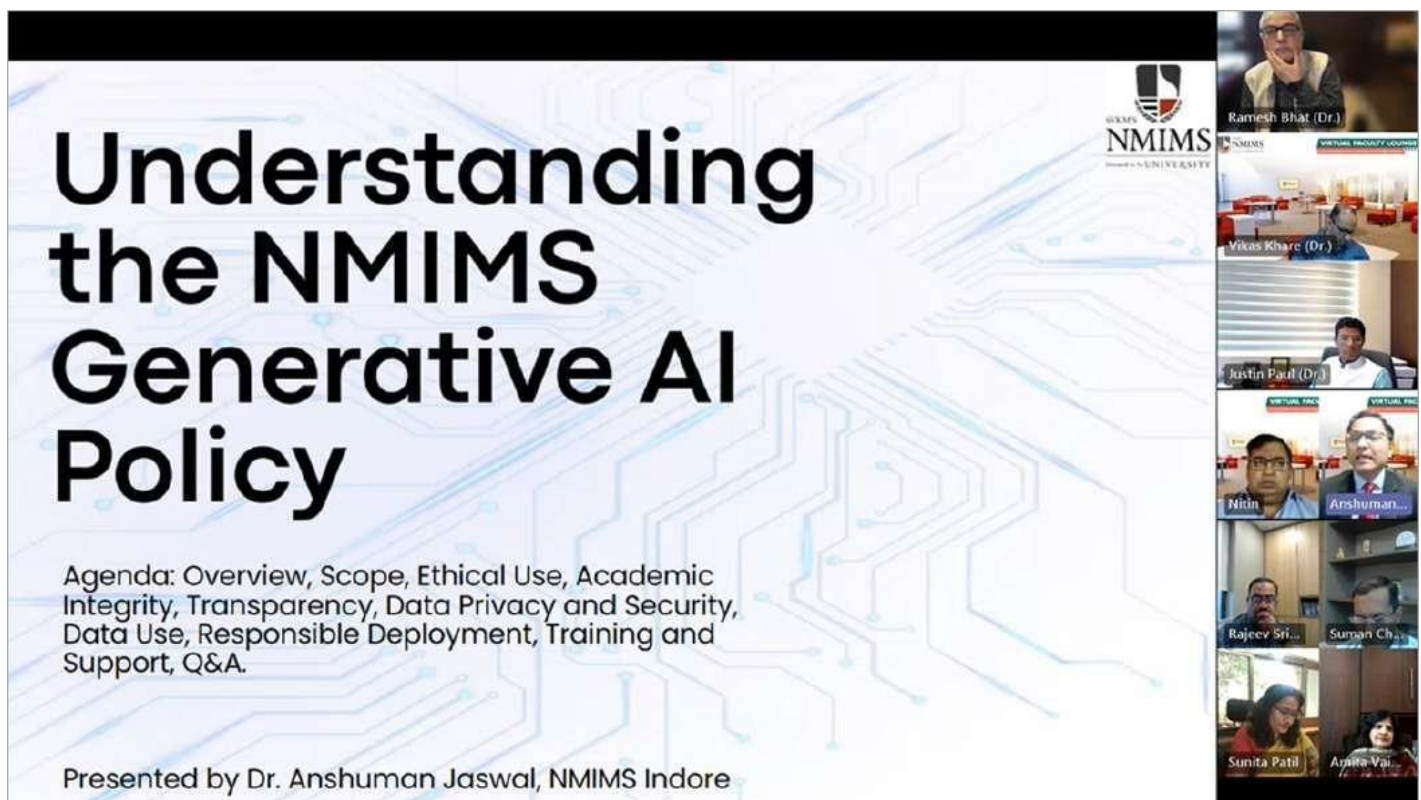
Claude

The meeting included a lively Q&A session among faculty members.

NMIMS Faculty Lounge-July**Topic: Understanding the NMIMS Generative AI Policy Series 1 | Episode 2****Day, Date and Time: Thursday, July 25, 2024 @ 04:00 P.M.**

In continuation to the faculty lounge series on GenAI initiative, NMIMS Indore campus hosted a virtual faculty lounge on July 25, 2024. Dr. Ramesh Bhat (Hon. Vice Chancellor) talked about the need for such a policy and asked the participants to share their suggestions to enrich the document further.

Dr. Anshuman Jaswal (Director, Indore Campus) presented the policy draft highlighting important sections of the document which was followed by a Q & A and interaction session.



Understanding the NMIMS Generative AI Policy

Agenda: Overview, Scope, Ethical Use, Academic Integrity, Transparency, Data Privacy and Security, Data Use, Responsible Deployment, Training and Support, Q&A.

Presented by Dr. Anshuman Jaswal, NMIMS Indore



GenAI Tools Use-Cases

Generate MCQs from a PDF File using Microsoft CoPilot

Streamline your assessment creation process with Microsoft CoPilot's AI-powered assistance. Follow these steps:

Step 1: Open the PDF File

- Open the PDF document using Microsoft Edge.

Step 2: Access the "Ask Copilot" Option

- Look for the "Ask Copilot" option, usually located at the top of the PDF window.

Step 3: Invoke Copilot

- Click on the "Ask Copilot" button to open the Copilot window.

Step 4: Specify the Request

- In the Copilot window, provide a clear request, such as:
 - "Generate 10 MCQs from this PDF."
 - "Create multiple-choice questions based on this PDF content."

Step 5: Review the Generated MCQs

- Copilot will analyze the content and generate multiple-choice questions based on the PDF material.

Step 6: Edit and Refine (if necessary)

- Review the questions Copilot generates.
- Edit or refine them for clarity, correctness, and relevance.

Step 7: Export or use the MCQs

- Once satisfied, export the MCQs to your preferred format (e.g., Word, PDF, or an online quiz platform).

By following these steps, Microsoft CoPilot will help you generate high-quality MCQs from your PDF file, saving you time and effort. Try it out!



Generate Course Outline, Syllabus, and Session Plan with Gemini!

Streamline your course creation process with Gemini's AI-powered assistance. Follow these steps:

Step 1: Open Gemini

- Go to www.gemini.com

Step 2: Write Your Prompt

- Use the input field to write your prompt, choosing from the following examples:

Course Objectives Prompt

- "Develop a set of course objectives for an undergraduate engineering course on Generative AI that will equip students with the foundational knowledge and practical skills to understand, utilize, and explore generative models for engineering applications."

Syllabus Prompt

- "Using the course objectives and planned content, create a detailed syllabus for a 30-hour Generative AI course for undergraduate engineering students. The syllabus should outline learning outcomes, topics covered, learning activities, and assessment methods."

Course Outcomes Prompt

- "Considering the course objectives and learning activities, define the expected outcomes for students who successfully complete the Generative AI course, including knowledge, skills, and attitudes they will acquire."

Session Plan Prompt

- "Develop a session-by-session plan for the 30-hour Generative AI course, incorporating the defined topics, learning activities, estimated time allocation for each session, and suggested resources and materials."

Note: Feel free to adjust the prompts based on your specific course goals and preferences.

By following these steps, Gemini will help you generate a comprehensive course outline, syllabus, and session plan, saving you time and effort. Try it out!



Unlock Insights from Your Dashboard with Claude AI

Maximize the value of your data with Claude AI's advanced image analysis and questioning capabilities. Follow these steps:

Step 1: Prepare the Dashboard Image 🖼️

- Ensure the image is clear and high-resolution for accurate analysis.
- Crop the image to focus on the specific dashboard you want to analyze, if necessary.

Step 2: Upload Image to Claude AI 📁

- Open the Claude AI interface.
- Use the upload functionality to import your prepared dashboard image.

Step 3: Identify Data Points (Optional) 📊

- If Claude AI doesn't automatically detect data points, guide it by:
 - Selecting specific areas of the dashboard that represent data (e.g., charts, graphs, numbers).
 - Providing labels for the data points (e.g., "Sales," "Website Traffic").

Step 4: Ask Questions to Generate Insights 🤖

- Formulate clear and concise questions about the data presented in the dashboard, such as:
 - "What is the trend in sales over the past month?"
 - "Are there any correlations between customer demographics and purchase behavior?"
 - "Which marketing campaign has the highest conversion rate?"

Step 5: Analyze Claude AI's Response 📄

- Evaluate the response for clarity, accuracy, and actionable information.

Step 6: Refine Questions (Optional) 🔍

- If the initial insights are not sufficient, ask follow-up questions to delve deeper or provide additional context to guide Claude AI's analysis.

By following these steps, Claude AI will help you uncover valuable insights from your dashboard, enabling data-driven decision-making and optimization. Try it out!

Summarize YouTube Videos with Ease using Gemini!

Want to quickly grasp the main points of a YouTube video without watching the entire thing? Follow these simple steps:

Step 1: Get the YouTube Video URL 📄

- Find the video you want to summarize and copy the URL from the address bar (desktop) or share menu (mobile) 📄

Step 2: Open Gemini and Write Your Prompt 📄

- Go to www.gemini.com 🌐
- Write your prompt in the input field, such as:
 - Summarize this video: "[Link to YouTube video]" ✍️
 - Briefly explain this video in 3 bullet points: "[Link to YouTube video]" 🔍
 - Give me the key takeaways from this video: "[Link to YouTube video]" 💡

Step 3: Get Your Summary! 🎉

- Press Enter and let Gemini analyze the video (using available captions) ⌚
- Review the concise summary and get the main points quickly! 👍

There are separate YouTube Summarizers as well such as:

- [NoteGPT - YouTube Video Summarizer with AI](#)
- [SumTube AI - AI-Powered YouTube Video Summarizer](#)
- [YouTube Summarizer](#)

Try these out and save time! ⌚

Latest Updates and Trends

- Google's Gemini now allows text, drawings, photos, emojis as prompts.
- Nomic's new LLM desktop app supports thousands of LLMs (Large language models).
- FinalSpark, a Swiss startup that has developed a groundbreaking bio-computing platform known as Neuroplatform. This platform uses human brain organoids—tiny clusters of neurons—as processing units. Unlike traditional silicon-based processors, these brain organoids are alive, requiring specific environmental conditions to survive. Read more about it here- [Neuroplatform - FinalSpark](#).
- Meta AI On WhatsApp: Meta AI can be utilized across **Meta apps** to create content, explore diverse topics, and perform various tasks. Currently, the AI assistant supports English in India. Please find below the image generated through the app: Prompt: "**Create an image of Thanos selling vegetables in Indian market.**"



- Generative AI Capabilities in future are going to grow exponentially. Refer to the following Figure, which depicts the **Future of GenAI**.

	PRE - 2020	2020	2022	2023?	2025?	2030?
TEXT	Spam detection Translation Basic Q&A	Basic copy writing First drafts	Longer form Second drafts	Vertical fine tuning gets good (scientific papers, etc)	Final drafts better than the human average	Final drafts better than professional writers
CODE	1-line auto-complete	Multi-line generation	Longer form Better accuracy	More languages More verticals	Text to product (draft)	Text to product (final), better than full-time developers
IMAGES			Art Logos Photography	Mock-ups (product design, architecture, etc.)	Final drafts (product design, architecture, etc.)	Final drafts better than professional artists, designers, photographers)
VIDEO / 3D / GAMING			First attempts at 3D/video models	Basic / first draft videos and 3D files	Second drafts	AI Roblox Video games and movies are personalized dreams

Large model availability: ● First attempts ● Almost there ● Ready for prime time

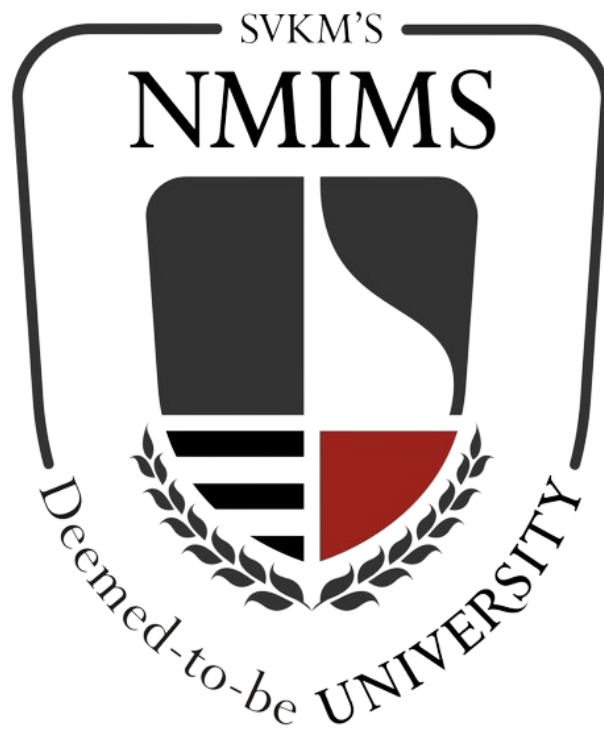
Image Source: [Generative AI: A Creative New World | Sequoia Capital](#)

Reference Links

- [What is Generative AI and How Does it Impact Businesses? | BCG](#)
- [Top 7 GenAI trends shaping 2024 \(wire19.com\)](#)
- [McKinsey Global Survey: GenAI Adoption Yields Tangible Value \(beehiiv.com\)](#)

Stay tuned for more updates as we explore the exciting world of Generative AI at NMIMS University!
Best Wishes!

EduGenAI Newsletter Team



Kindly send your **feedback and contributions** on **GenAI use-cases** to your respective school or campus representatives in the newsletter team or genai.newsletter@nmims.edu before the **25th** of every month!