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NMIMS EduGenAI

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NMIMS Vision

To be a globally admired University by 2030

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



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and Policy



GenAI Faculty Development
and Workshops



GenAI-Enhancing Teaching-
Learning Process



GenAI- Progress
Monitoring

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Preface

Warm Greetings!

Dear Readers,

We are pleased to share with you the newest edition of the **NMIMS EduGenAI Newsletter**, continuing our exploration of the evolving impact of Generative AI across academia, research, and industry. This edition features an insightful article on **“Building Smarter Study Tools with Generative AI: A Guide for Educators and Students”** and a valuable contributory article on **“AI for Mental Health Monitoring”**.

This issue offers a curated selection of the latest trends, practical applications, and events in the AI space. As the field of technology advances at a rapid pace, our aim is to cultivate a culture of informed engagement and support the NMIMS academic community in embracing AI with integrity and foresight.

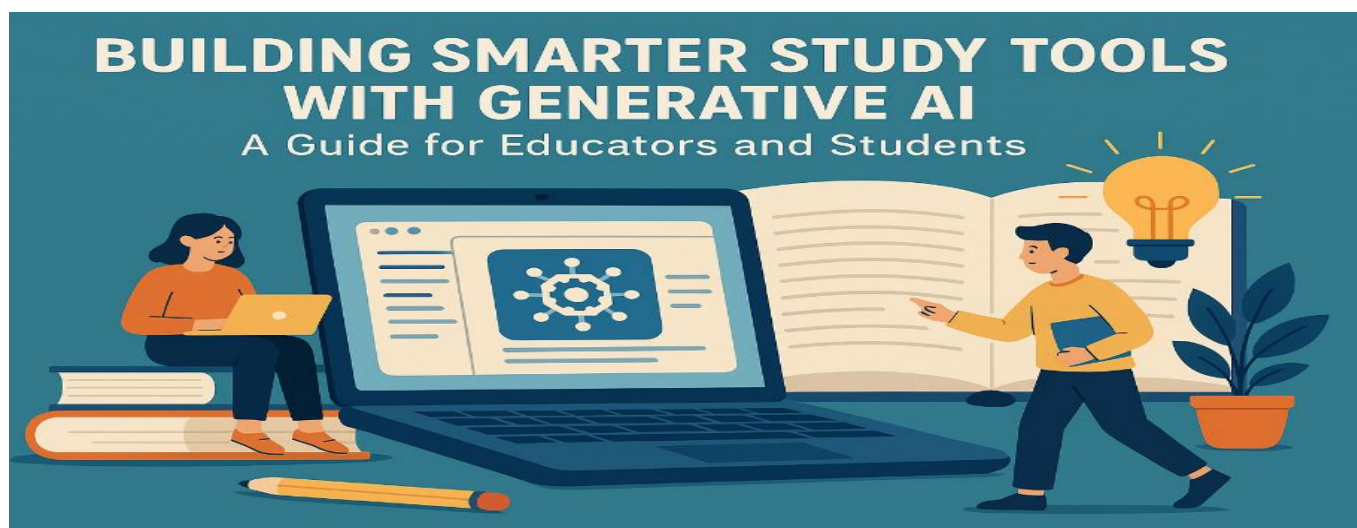
We trust that this edition will ignite intellectual curiosity and encourage impactful conversations. Stay engaged, stay informed, and join us in shaping the **future of AI in education**.

Happy Reading!

EduGenAI Newsletter Team

In this edition

- **Building Smarter Study Tools with Generative AI: A Guide for Educators and Students**
- **AI for Mental Health Monitoring**
- **News and Events: March 2025**
- **GenAI Tools Use-Cases**
- **Latest Updates and Trends**



Building Smarter Study Tools with Generative AI: A Guide for Educators and Students

Introduction

Generative AI (GenAI) is revolutionizing education by transforming how students learn and how educators teach. From personalized study aids to efficient content creation, GenAI offers tools that enhance learning experiences and streamline teaching processes. This guide explores how both educators and students can harness GenAI to build smarter study tools..

For Students: Enhancing Learning with GenAI

Personalized Study Materials

GenAI enables students to create customized study aids tailored to their learning needs. For instance, platforms like **QANDA** utilize **AI to provide step-by-step solutions** and generate personalized exam prep materials, enhancing understanding and retention.

Interactive Learning Assistants

AI-powered assistants like **Claude for Education** offer a Socratic method of learning, prompting students with guiding questions to promote deeper understanding rather than simply providing answers.

Efficient Content Summarization

Tools such as **NotebookLM** help students summarize complex topics and convert reports into audio formats, making study sessions more efficient and accessible.

For Educators: Streamlining Teaching with GenAI

Automated Content Creation

Educators can leverage tools like **uPresenter** to **generate presentations** and quizzes from plain text prompts, saving time and ensuring consistency in teaching materials

Customized Assessments

Platforms such as **Pearson+ Channels** offer **AI-driven tools** that assist in creating personalized assignments and assessments, catering to diverse student needs.

Professional Development Resources

Programs like **Google's Generative AI for Educators** provide self-paced courses to help teachers integrate AI into their teaching methods effectively.

Ethical Considerations and Best Practices

While GenAI offers numerous benefits, it's essential to approach its integration thoughtfully:

- **Maintain Academic Integrity:** Encourage students to **use AI as a learning aid rather than a shortcut** to complete assignments.
- **Ensure Data Privacy:** Be cautious about the **data shared with AI tools** and choose platforms that **prioritize user privacy**.

- **Promote Digital Literacy:** Educate students about the **capabilities and limitations of AI** to promote critical thinking and responsible usage.

UNESCO's **guidance on generative AI in education emphasizes** the importance of a human-centered approach, ensuring that technology enhances rather than replaces the educational experience .

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4. <https://cep.barnard.edu/student-guide-generative-ai>

AI for Mental Health Monitoring

By Dr. Unmana Dutta, Assistant Professor, NMIMS Navi Mumbai

The presence of AI in mental health is not new. From the 1960s onwards, ELIZA became a popular AI chatbot, with Rogerian Psychotherapy perspective, created by Joseph Weizenbaum (Anyoha, 2017). Later 20th century saw the actual expansion of computerized based Cognitive-Behavioral Therapy (CBT) programs, with interaction-based software for therapy.

Currently, there is a broad list of AI tools that is used for chatbot-based therapy and mental health tools, which analyses data based on real-time to keep a track of the current patient mental health status. These chatbots provide a discreet and stigma-free platform for individuals to seek mental health support (Omarov, 2023). AI is used for early detection of mental health disorders, by analyzing speech, facial expressions and text (Lee et al, 2021). Facebook (now Meta) uses AI for mental health monitoring by screening suicidal and self-harm related content posted by individuals, and moderating those content and providing them support resources like links to mental health centers and organizations. Moreover, one of most revolutionizing trends is the use of wearable smart watches, which help in collecting and analyzing individual's sleep patterns, social interactions, eating habits and physical activities (Koutsouleris et al, 2022).

With future innovation and technology, AI tools can be effectively used in mental health sector for better pre-diagnosis for mental health conditions, exclusively designed to eliminate the risk of developing a mental health condition. AI can also remodel the mental health care by analyzing insights and provide solutions to complex mental health problems, through tailor-made therapies for clients, reduce stigma and provide better treatment outcomes. With better use of AI, mental health field will undergo a rigorous revolution, with easy and available access to mental health services.



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News and Events

Event at NMIMS, Mumbai

Topic: *1st National Trial Advocacy Competition with AI at the centre*

On March 08, 09 and 23, 2025, the Centre for Cyber Laws and Artificial Intelligence (CCAI), **Kirit P. Mehta School of Law, Mumbai**, organized its 1st National Trial Advocacy Competition to enhance advocacy skills, legal reasoning, and courtroom etiquette through realistic trial simulations. The highlight of this **competition was the proposition which was specially drafted for the competition keeping Artificial Intelligence in mind**. The competition had elements of AI imbibed in the proposition which was thoroughly discussed and debated during the entire competition. **51 students from across law colleges in India participated, arguing both prosecution and defence sides**. It provided invaluable experience in strategic litigation and professional courtroom conduct while keeping at the centre all nitty-gritties of Artificial Intelligence. Around 40 judges and advocates presided over the event.



Event at NMIMS, Navi Mumbai

Topic: *STME, NMIMS, Navi Mumbai organized "Echelon 25": GenAI-Powered 24-Hour Hackathon*

Echelon '25, STME's AI-driven 24-hour hackathon organized on **March 8–9, 2025** by **TechCider, Infinix, and Manthan Clubs**, showcased Generative AI revolutionizing tech innovation.

Participants leveraged tools like ElevenLabs, Heygen AI, Mixtral AI, and Kaggle to build AI voice assistants, automate backend systems, and deploy ML models for tasks like predictive analytics and content generation. By integrating AI for coding (ChatGPT), real-time deployment (Vercel), and hyperparameter tuning, teams accelerated development, turning prototypes into production-ready solutions in hours. The event highlighted how GenAI enhances efficiency, collaboration, and creativity, redefining the future of rapid, scalable tech development and human-AI synergy.



Event at NMIMS, Shirpur

Topic: *MPSTME, NMIMS, Shirpur organized "Yugantar 2025" – 24-Hour Hackathon*

The **Yugantar: Code to Cure** Hackathon 2025 at NMIMS Shirpur pushed boundaries as 78 participants across 16 teams battled through 24 hours of non-stop coding, problem-solving, and innovation. It was conducted from **March 1-March 2, 2025**! This intense hackathon challenged students to **craft cutting-edge software solutions addressing real-world problems using Generative AI**.



Key Takeaways from Yugantar 2025:

- **Advanced Problem-Solving** – Participants tackled real-world issues with innovative solutions.
- **Tech Excellence** – AI integration, cloud-based solutions, and optimized algorithms took center stage.
- **Teamwork & Time Management** – The hackathon tested participants' collaboration skills under intense deadlines.
- **Presentation Mastery** – Teams showcased their projects with impactful demos and pitches.



The event was apart of annual **TechFest, "Ambiora 2025"**. The event was coordinated by **Rasanath Kulkarni** (Student event in-charge) under the **guidance of Dr.Suyog Pande, Dr.Atul Dusane , Prof. Dhananjay Joshi, Prof. Piyush Kumar Soni, Prof. Mayank Kothari, Dr. Nitin Choubey, Dr. Suresh Kurumbanshi**.

Faculty Spotlight

Topic: Resource Person: "No-Code AI and Opportunities in the Domain of Artificial Intelligence"



धुळे सिटी 16-03-2025

पटेल महाविद्यालयामध्ये एआय प्रणालीवर जागृती

प्रतिनिधी | शिरपुर

नवी दिल्ली येथील एआयसीटीईच्या सुचनेनुसार येथील अर. सी. पटेल स्वातंत्र्य अभियानित्री महाविद्यालयाच्या डेटा सायन्स आणि एआयएमएल विभागातर्फे सन २०२५ हे वर्ष कृत्रिम बुद्धिमत्ता वर्ष म्हणून साजरे करण्यात येणार आहे. त्यानुसार महाविद्यालयात नुकताच कार्यक्रम झाला. कार्यक्रमाचे उद्घाटन महाविद्यालयाचे संचालक डॉ. जे. बी. पाटील यांच्या हस्ते झाले. सावळी येथील एनएमएसएनएसचे प्रा. डॉ. प्रवीण लोहारकर उपस्थित होते. जागतिक सरावर सर्वत्र क्षेत्रात

कृत्रिम बुद्धिमत्ता आधारीत तंत्रज्ञानाला प्रचंड मागणी आहे. या पार्श्वभूमीवर एआयच्या क्षेत्रात भारताला अग्रस्थान मिळवून देण्यासाठी अखिल भारतीय तंत्रशिक्षण परिषदेतर्फे महत्वाची पावले उचलण्यात आली आहे. त्यानुसार देशात कृत्रिम बुद्धिमत्तेविषयी जागरूकता निर्माण व्हावी, या क्षेत्राचा प्रचार-प्रसार व्हावा यासाठी कृत्रिम बुद्धिमत्ता वर्ष साजरे केले जाते आहे. त्यानुसार येथे वर्षभरात राबवण्यात येणाऱ्या विविध उपक्रमांची माहिती विभाग प्रमुख डॉ. उज्ज्वला पाटील यांनी दिली. डॉ. लोहारकर यांनी नो कोडिंग या विषयाची माहिती दिली.

Dr. Praveen Kumar Loharkar, Assistant Professor at **MPSTME, Shirpur Campus**, delivered an insightful talk as part of the AI Year celebrations at R.C. Patel Institute of Technology, Shirpur. It also included a special inaugural session. The event was conducted on March 05, 2025 by the Department of Computer Science & Engineering (Data Science) & AIML. We were honored to have Dr. Loharkar highlighted recent advancements in Artificial Intelligence, its transformative potential, and emerging trends that are shaping the future. He also conducted a hands-on workshop on **NoCode AI Platform**. His engaging interaction with the students and valuable perspectives set an inspiring tone for the AI-focused initiatives planned throughout the year.

Topic: Artificial Intelligence in Policing/Law Enforcement

Dr. Venkatadri M., Associate Dean, **MPSTME, Shirpur** along with **Dr. Praveen Kumar Loharkar** and **Dr. Ritesh Dhanare** conducted a session for the Police Station incharges of Dhule District in the presence of IG Nashik Division and SP, Dhule on the topic, **"Artificial Intelligence in Policing/Law Enforcement"** at **Dhule Police Superintendent Office** on

Dr. Venkatadri M. introduced different aspects of AI which can be utilized by the police department with a few examples while Dr. Praveen Kumar Loharkar demonstrated a case study and provided hands-on training to the present officials on how tools such as ChatGPT can be utilized in investigation planning and Report writing. Dr. Ritesh Dhanare helped in conducting the hands-on session. The session was well received by the participants and the resource persons were felicitated by the officials. It was also discussed on how different projects can be allotted to the students to help the police department in their routine activities.



GenAI Tools Use-Cases

Automatic Quiz & Worksheet Generation from Text or PDFs

How to Get Started:

- **Sign up for Free** 📝: Create an account on [AI for Educators | MagicSchool](#) or [Feel the Buzz of 100% Participation \(Curipod\)](#) and start exploring their features.
- **Choose Your Tool** 🛠️: Select the tool that fits your needs, such as "Create Quiz" or "Lesson Plan Generator."
- **Paste or Upload Your Content** 📄: Enter a topic like "AI in Finance" or upload your lecture notes as a PDF.
- **Select Your Output** 🎯: Choose from various output types, including:
 - Multiple-choice quiz 📝
 - Fill-in-the-blank worksheet 📝
 - Slide deck 📊
- **Generate and Download** ⬇️: Review and edit the content, then export it to:
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 - PDF
 - PPT

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Latest Updates and Trends

- **The AI-generated film What's Next?**, created entirely using tools like Runway and Discord, premiered at the **75th Berlin International Film Festival**. While the film attracted attention for its innovative use of AI in filmmaking, **it also raised significant concerns** regarding copyright, authorship, and the **legitimacy of AI-generated art**. **Read more at: [The AI-generated movie What's Next opens new questions on AI filmmaking | Polygon](#)**.
- At its recent developer conference, **Baidu** announced a strategic pivot from **traditional text-based AI models to multimodal models** capable of processing text, audio, images, and video. The company unveiled two new models—Ernie 4.5 Turbo and X1 Turbo—and introduced **AI avatars for livestreaming** and an AI agent app named **Xinxiang**. This move aims to enhance competitiveness in **China's rapidly evolving AI landscape**. **Read more at: [Baidu founder highlights 'shrinking' demand for DeepSeek's text-based AI](#)**.
- A **survey conducted by Cambridge University's** student newspaper **Varsity** revealed that many **Gen Z students are hesitant to use ChatGPT**, not due to academic dishonesty concerns, but because of ethical considerations. Students cited the **environmental impact of AI**, such as **high energy consumption**, and a **desire to maintain academic integrity** as primary **reasons for their reluctance**. **Read more at: [Gen Z students won't use ChatGPT — but not because it's cheating](#)**.
- **OpenAI** is preparing to launch its first **open-source language model** since GPT-2, focusing on **advanced reasoning capabilities**. Slated for release in early summer 2025, this model aims to set new benchmarks in open AI reasoning models. The company **emphasizes thorough safety evaluations** and plans to provide a detailed model card outlining its performance and safety assessments. **Read more at: [OpenAI seeks to make its upcoming 'open' AI model best-in-class | TechCrunch](#)**.

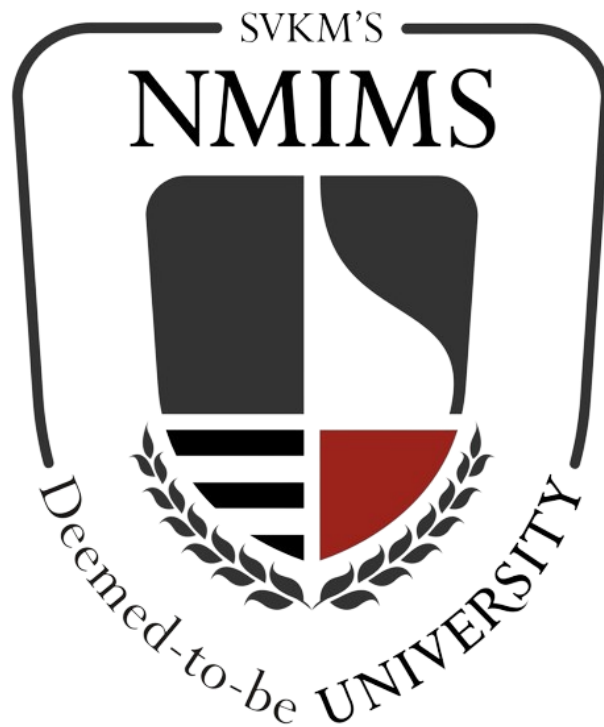
Reference Links

- <https://www.axios.com/local/pittsburgh/2025/04/24/ai-takes-the-field-at-pitt>
- [AI in Remote Patient Monitoring - 5 Real-Life Examples](#)
- [How AI-Powered Wearables are Reshaping Health Care | Washington D.C. & Maryland Area | Capitol Technology University](#)

Stay updated with the latest developments, and advancements in Generative AI at global level and at NMIMS University. Continue reading to remain informed and engaged.

With warm regards,

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!
