A Report on One-day seminar titled "Agentic AI: Practical Insights and Real-Time Applications" Organized by Department of Computer Science and Engineering On 14.11.2026



Report Submitted by: Dr. N. Krishnaiah, Associate Professor, Department of CSE.
Resource Person Details: Mr. Srinivas Kedarisetty, Project Director, BlueYonder India Pvt. Ltd., Bengaluru.
Participants: 3 Year and 2 Year CSE Students of MITS, Madanapalle.
Venue: Seminar Hall-A.
Time: 10.00 AM to 1.00 PM
Report Received on 18.11.2026

Mode of Conduct: Offline

The programme was convened by Dr. M. Sreedevi, Professor and Head, CSE, and coordinated by Dr. N. Krishnaiah, Associate Professor, CSE and Dr. D. J. Ashpin Pabi Associate Professor, CSE.

The Department of Computer Science and Engineering at Madanapalle Institute of Technology and Science (MITS) organized a one-day seminar titled "**Agentic AI: Practical Insights and Real-Time Applications**" on 14 November 2026 at Seminar Hall-A. Primary objective to give students and faculty practical, industry-oriented insight into Agentic AI, covering how autonomous AI agents plan, use tools and act, and how they are applied in real-time business and engineering settings.

Welcome Address

The programme began with a warm welcome address by **Dr. N. Krishnaiah**, Associate Professor and Coordinator, Department of CSE. He welcomed the resource person, faculty members and students to the programme. In his address, he highlighted the importance of Agentic AI in today's technology landscape and the need for students to gain practical, industry-relevant exposure beyond the classroom.

Keynote Address

The keynote address was delivered by **Dr. P. Ramanathan**, Professor & Principal. He emphasized that technical knowledge alone is not sufficient for career success and that students must also develop strong communication and interpersonal skills to meet industry expectations.

Dr. M. Sreedevi, Professor and Head, Department of CSE, expressed her delight in inaugurating the seminar on "Agentic AI: Practical Insights and Real-Time Applications". In her address, she noted that Agentic AI is among the fastest-growing areas in computing, with intelligent agents increasingly being used to automate and support decision-making across industries. She stressed the importance of exposing students to current industry trends and real-world applications alongside their academic curriculum. She encouraged the students to make full use of the opportunity to interact with the resource person, ask questions, and update their skills.

The session was delivered by **Mr. Srinivas Kedarisetty**, Project Director, BlueYonder India Pvt. Ltd., Bengaluru.

Inaugural Session

The programme began at 10:00 AM with a welcome address to the resource person, faculty members and students. The speakers stressed that students should move beyond using AI tools and learn how AI systems are designed, connected to data and tools, and deployed in industry.

The resource person was felicitated and the seminar was formally opened. The dignitaries on the dais included the Head of the Department of CSE, Faculty and the seminar coordinators.



Proceedings of the Seminar

Introduction to Agentic AI

Mr. Srinivas Kedarisetty explained what agentic AI is and how it differs from conventional chatbots and rule-based automation. He described how an AI agent perceives its environment, reasons about a goal, plans the steps, calls tools and acts, and then reviews the result before the next step.

Building Blocks of AI Agents

The session covered the main components of an agentic system: a large language model as the reasoning core, tools and APIs for taking action, memory and context, planning, and guardrails with human oversight. Students were encouraged to think of agents as software systems that must be designed, tested and monitored like any other.

Practical Insights and Real-Time Applications

The resource person shared practical insights from industry and showed how agents are used in real-time business decisions, including supply chain and operations. He discussed the challenges of moving agents from prototypes to production, such as reliability, data quality, cost, security and accountability.

Interaction and Career Guidance

Students and faculty took part in an interactive question-and-answer session. The resource person advised students to build hands-on skills in programming, data handling and AI frameworks, and to work on real-world problems to prepare for industry roles.

Outcomes of the Seminar

The seminar gave the participants the following:

1. A clear understanding of agentic AI and how it differs from conventional AI applications.
2. Awareness of the components used to build AI agents: models, tools, memory, planning and guardrails.
3. Insight into real-time industry applications of agentic AI and the challenges of deploying them.
4. Exposure to industry expectations and the skills needed for AI-related careers.
5. Motivation to take up projects and self-learning in agentic AI.

UN–SDG Mapping:

SDG 4: Quality Education: Gave students current, industry-linked knowledge of agentic AI and the skills needed for AI-related careers, going beyond the syllabus.

SDG 8: Decent Work and Economic Growth: The keynote on communication and interpersonal skills, along with the guidance on industry expectations, improves students' readiness for employment.

SDG 9: Industry, Innovation and Infrastructure: Exposed participants to real-time AI applications and encouraged projects and self-learning, building innovation capacity.

SDG 17: Partnerships for the Goals: The session with an industry professional from BlueYonder strengthened the link between the institution and industry.

Conclusion

The one-day seminar on "Agentic AI: Practical Insights and Real-Time Applications" was successfully conducted by the Department of Computer Science and Engineering on 14 November 2026. The talk by Mr. Srinivas Kedarisetty linked classroom learning with current industry practice and helped students understand where AI is heading and what skills they need. The department thanks the resource person, the management, the Dean – School of Computing, the Head of the Department, the faculty members and the students for their support and participation.

Newspaper Clips:

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కృత్రిమ మేధస్సుపై అవగాహన

కురబలకోట, మదనపల్లె విద్య, న్యూస్‌టుడే: విద్యార్థులు కృత్రిమ మేధస్సుపై అవగాహన పెంచుకోవాలని బెంగళూరుకు చెందిన ఖ్యూ యాండర్ ఇండియా ప్రైవేటు లిమిటెడ్ ప్రాజెక్టు డైరెక్టర్ శ్రీనివాస్ కేదారిశెట్టి అన్నారు. మంగళవారం మిట్స్ డీమ్డ్ టుబీ విశ్వవిద్యాలయంలో ఏజెంటిక్ ఏఐ ఆచరణాత్మక వినియోగాలపై అవగాహన సదస్సు నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా వచ్చిన ఆయన మాట్లాడారు. కృత్రిమ మేధస్సు వేగంగా అభివృద్ధి చెందుతోందని, ముఖ్యంగా ఏజెంటిక్ ఏఐ భవిష్యత్తులో అనేక రంగాల్లో విప్లవాత్మక మార్పులు తీసుకురానుందన్నారు. సాధారణ చాట్‌బాట్‌లకు, ఏజెంటిక్ ఏఐకి మధ్య ఉన్న వ్యత్యాసాల గురించి వివరించారు. ప్రిన్సిపల్ రామనాథన్, విభాగాధిపతి ఎం.శ్రీదేవి, సమన్వయకర్తలు కె.కృష్ణయ్య, అస్సిన్ పటి, అధ్యాపకులు, విద్యార్థులు పాల్గొన్నారు.



శ్రీనివాస్ కేదారిశెట్టిని సత్కరిస్తున్న అధ్యాపకులు

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