

A Report on

“Empowering Students through Advanced AI Training, Industry-Oriented Learning and Career Readiness”

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Introduction

MITS Community Radio 90.8 serves as a platform for sharing educational information, technical knowledge, professional experiences, and career guidance with students and the wider academic community. In this context, an interview with Dr. V. Chandrasekhar was conducted on 16 September 2026 by Sri M. Narasimhacharlu, Program Manager, MITS Community Radio 90.8. The programme focused on advanced Artificial Intelligence (AI), industry-oriented training, emerging technologies, practical learning, and career readiness. The discussion highlighted the importance of strengthening technical fundamentals and connecting classroom learning with real-world applications.

Objectives of the programme

- To create awareness of emerging technologies, including Machine Learning, Deep Learning, Generative AI, and Agentic AI.
- To communicate the importance of industry-oriented training and practical project experience.
- To encourage students to develop strong technical fundamentals and problem-solving abilities.

The programme was designed to communicate the value of advanced technical education and practical learning. It also provided students with guidance on preparing for evolving technology careers.



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Educational and professional background

During the interview, Dr. V. Chandrasekhar shared his educational and professional journey, explaining how his academic preparation, industry experience, and research interests shaped his approach to technology training. He stated that he was born and brought up in Rainikunta, completed intermediate education in Nellore, and pursued engineering in Anantapur between 2000 and 2004. He subsequently completed his MTech at the Dhirubhai Ambani Institute of Information and Communication Technology during 2006–2008.

After completing his postgraduate studies, he received employment offers from Infosys, TCS, Mindtree, and Sapient. He chose Infosys and described his positive experience during training in Mysore.

Industry experience and research

Dr. Chandrasekhar discussed his work in full-stack development at Infosys, including technologies such as C-sharp, databases, and SQL Server. He also described his interest in research and stated that he had published close to 100 papers during his time at Infosys.

He later left his industry position to pursue a full-time Ph.D. His subsequent professional journey included research in deep learning and work at Samsung R&D in advanced AI, where he stated that he worked until July 2022.

Relevance to student development

The interview illustrated the relationship between academic knowledge, research experience, and practical technology training. Dr. Chandrasekhar explained that his training approach aims to introduce relevant technical concepts and industry-informed problem-solving practices into student learning.

His professional journey offered students an example of the value of continuous learning, research engagement, and developing expertise in emerging technologies.

Emerging technology training

The interview highlighted the importance of developing advanced knowledge in Artificial Intelligence and related fields. Dr. Chandrasekhar identified the following areas as important components of the training approach:

- Machine Learning
- Deep Learning
- Generative AI
- Agentic AI

He emphasized that students should develop an in-depth understanding of these subjects rather than limiting their learning to introductory concepts.

Training activities at MITS

According to the interview, the training initiative was intended for postgraduate students, including MBA, MCA, and M.Tech students, with the programme also describing participating batches from CSE, CSE with AI/ML, Data Science, and Cyber Security. Dr. Chandrasekhar stated that the pilot training batches ran for approximately two months. At the time of the interview, four batches were operating, with approximately 17–28 students in each batch. He explained that the training was being provided without a fee to the participating students, with the objective of making advanced technical learning accessible.

The interview also mentioned a future plan to begin grooming students from their second year in the following academic year. This was presented as a proposed initiative rather than a completed activity.

Project-based learning

The programme emphasized the role of capstone projects in helping students apply theoretical knowledge. Dr. Chandrasekhar explained that these projects could run for approximately three weeks to one month and involve group work. He also described incorporating simplified projects informed by his Samsung experience into training activities. This approach aims to strengthen students' understanding of technical concepts, encourage collaborative learning, and provide opportunities to practise problem-solving.

Building strong technical fundamentals

Dr. Chandrasekhar advised students to study their subjects sincerely and develop a clear understanding of concepts and mathematical foundations. He cautioned against relying exclusively on last-minute examination preparation. He connected strong subject knowledge with opportunities in technical employment and higher education, including M.Tech, postdoctoral research, and Ph.D. programmes.

Identifying career pathways

The interview discussed two broad technical directions that students could consider.

1. Application development: Students interested in this pathway were encouraged to develop knowledge of full-stack development, programming, databases, and related technologies.
2. Artificial Intelligence: Students interested in AI were encouraged to explore Machine Learning, Deep Learning, Generative AI, and Agentic AI, while practising the tools relevant to their chosen area.

Continuous learning and professional skills

Dr. Chandrasekhar explained that he regularly updates his technical knowledge by studying lectures from IIT Madras, Stanford, and MIT, reviewing research papers, reading newly released books, and consulting online learning materials. He also emphasized the importance of mathematics and communication skills alongside technical knowledge. At the conclusion of the interview, he invited students, particularly those in the third and final years, to approach him for guidance on advanced technical concepts through the training department.

The key message was that career preparation requires continuous learning, practical experience, and a willingness to seek guidance.





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Key programme outcomes

Based on the interview transcript, the programme communicated the following educational messages:

- Awareness of emerging AI technologies and their relevance to technical learning.
- Understanding of the training approach and the importance of strong fundamentals.
- Recognition of capstone projects as a way to connect theory with practical application.
- Guidance on choosing technical career pathways.
- Encouragement to strengthen mathematical, communication, and problem-solving skills.
- Awareness of the importance of continuous learning and seeking academic guidance.

Conclusion

The interview with Dr. V. Chandrasekhar, broadcast through MITS Community Radio 90.8 on 16 September 2026, highlighted the importance of advanced AI training, industry-oriented learning, practical projects, and continuous professional development. The discussion presented a learning approach that encourages students to move beyond theoretical study and develop the ability to apply technical concepts to problems. It also stressed the importance of strong fundamentals, mathematics, communication skills, and choosing a suitable career direction.

Alignment with the United Nations Sustainable Development Goals

The programme has a clear educational focus and can be mapped to three relevant SDGs. The alignment below describes the programme's contribution and intended benefits, rather than claiming that the SDG targets have already been achieved.

SDG 4 – Quality Education

The training initiative supports the development of technical knowledge, practical competencies, and lifelong learning. The emphasis on advanced AI concepts, capstone projects, and continued academic development is particularly relevant to SDG Target 4.4, which addresses skills for employment and decent work.

SDG 8 – Decent Work and Economic Growth

The programme's focus on career preparation, technical expertise, and industry-oriented project work is relevant to developing skills that may support students' future employment opportunities. This is an indirect contribution; the transcript does not establish actual job placements or employment outcomes.