NARSIMHA REDDY
ENGINEERING COLLEGE
An Autonomous Institution| Affiliated to JNTUH | Approved by AICTE
Accredited by NBA & NAAC with 'A' Grade

REPORT

On

One Week Online Faculty Development Programme

On

"Emerging Technologies in Data-Driven Artificial Intelligence"

From

06th to 11th January 2026

Organized By

Department of CSE,
Narsimha Reddy Engineering College (Autonomous),
Hyderabad, in association with Computer Society of India,
Hyderabad Chapter

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The Department of Computer Science and Engineering, Narasimha Reddy Engineering College (Autonomous), Hyderabad, in association with the Computer Society of India (CSI), Hyderabad Chapter, organized a One Week Online Faculty Development Programme on "Emerging Technologies in Data-Driven Artificial Intelligence" from 06th to 11th January 2026. The FDP received an overwhelming response of over 1,100 participants from various AICTE-approved institutes and colleges affiliated with different universities across the country.

The programme focused on contemporary advancements in Artificial Intelligence, covering key areas such as operationalizing AI in enterprise environments, Agentic AI as the next evolution beyond Generative AI, AI applications inspired by Vedic science, AI-driven healthcare systems integrating cognitive, emotional, and physiological models, and data science with intelligent analytics. The FDP provided participants with valuable insights into both theoretical foundations and practical applications of AI, enabling them to enhance their teaching, research capabilities, and industry-oriented understanding of emerging AI technologies.

Objectives of the FDP:

The primary objectives of the One Week Online Faculty Development Programme on *Emerging Technologies in Data-Driven Artificial Intelligence* were as follows:

1. To provide faculty members and researchers with a comprehensive understanding of recent advancements in data-driven Artificial Intelligence.
2. To bridge the gap between theoretical foundations of AI and their practical deployment in real-world enterprise applications.
3. To familiarize participants with the evolution of AI from traditional machine learning models to Generative AI and Agentic AI systems.
4. To explore interdisciplinary applications of AI in domains such as healthcare and ancient knowledge systems like Vedic science.
5. To enhance participants' skills in applying AI-driven analytics and intelligent systems for data-centric decision making.
6. To encourage innovation, research, and curriculum enrichment in emerging AI technologies.

Topics Covered:

The FDP covered the following advanced and contemporary topics in a structured and comprehensive manner:

- Operationalizing Artificial Intelligence in the Enterprise
- Agentic AI: The Next Evolution from Generative AI to Autonomous Intelligence

- AI in Vedic Science
- AI in Healthcare: Integrating Cognitive, Emotional, and Physiological Models
- Data Science with AI-Driven Analytics and Intelligent Systems

Outcomes of the FDP:

At the end of the programme, the participants were able to:

1. Gain a clear understanding of how Artificial Intelligence can be operationalized effectively within enterprise environments.
2. Understand the concepts, architecture, and significance of Agentic AI and its role as the next evolution beyond Generative AI.
3. Appreciate the integration of Artificial Intelligence with traditional knowledge systems, particularly Vedic science.
4. Acquire insights into AI applications in healthcare, focusing on cognitive, emotional, and physiological models.
5. Apply concepts of data science combined with AI-driven analytics for building intelligent and adaptive systems.
6. Identify emerging research directions and practical use cases in data-driven AI.
7. Improve teaching, research, and professional practices by incorporating advanced AI methodologies.

List of Resource Persons with Topic & Programme Schedule:

DATE	TIME	RESOURCE PERSONS	TOPICS TO BE COVERED
06-01-2026 (Tuesday)	**5:45PM to 6:00PM**	**Inaugural Function** Welcome Note by Dr. P. Sri Lakshmi & Ch Sri Lakshmi	**Inaugural Function**
06-01-2026 (Tuesday)	**06:00PM - 08:00PM**	Dr Kalyan Sarvepalli MC Member, CSI Hyderabad Chapter, Infosys Limited, Principal Consultant, Cloud, Data Enthusiast, Data Analytics, Hyderabad	Operationalizing Artificial Intelligence in the Enterprise
07-01-2026 (Wednesday)	**06:00PM - 08:00PM**	YADUNANDAN STVSS, MC Member, CSI Hyderabad Chapter, Hexaware Technologies, Vice President	Agentic AI: The Next Evolution from Generative AI to Autonomous Intelligence
08-01-2026 (Thursday)	**06:00PM - 08:00PM**	Dr AV Krishna Prasad Professor In II Department, MVSR Engineering College & Chairman, CSI Hyderabad Chapter.	AI in Vedic Science

09-01-2026 (Friday)	**06:00PM - 08:00PM**	Dr. A.P. Siva Kumar, Professor, CSE Department JNTUA College of Engineering Anantapur	AI in Healthcare: Integrating Cognitive, Emotional, and Physiological Models
10-01-2026 (Saturday)	**06:00PM - 08:00PM**	V Sai Bhanu Madhav Principal Consultant, Infosys, Hyderabad	Data Science with AI-Driven Analytics and Intelligent Systems
11-01-2026 (Sunday)	**08:00PM - 09:15PM**	Mrs. Revathy Pulugu, Assistant Professor, CSE Mrs. Shravani Jasthi, , Assistant Professor, CSE	Valedictory Function & Assessment Test

Total Participants List: 1100

State-wise Participants List: Summary

S.No	State	Count
1	**Telangana**	580
2	**Andhra Pradesh**	342
3	**Tamil Nadu**	106
4	**Gujarat**	19
5	**Karnataka**	16
6	**Maharashtra**	6
7	**Odisha**	2
8	**Uttar Pradesh**	4
9	**Jharkhand**	3
10	**Rajasthan**	2
11	**Kerala**	2
12	**Punjab**	1
13	**New Delhi**	1
14	**Madhya Pradesh**	2
15	**Others- Industry**	5
16	**Outside India (Ethiopia-2, Tashkent-3, Oromia-4**	9
	TOTAL	**1100**

Inauguration Address:

Day -1, 06-01-2026 (Tuesday), Time : 5:45PM to 6:00PM
Title: Inaugural Ceremony

The inauguration of the **One Week Online Faculty Development Programme (FDP) on "Emerging Technologies in Data-Driven Artificial Intelligence"** was held online on **6th January 2026 at 5:45 PM**. The programme was organized by the **Department of Computer Science and Engineering, Narasimha Reddy Engineering College (Autonomous), Hyderabad**, in association with the **Computer Society of India (CSI), Hyderabad Chapter**.

The inaugural function was graced by **Sri. J. Thrishul Reddy, Secretary, NRCM**, as the **Chief Guest**. The **Guest of Honour** for the occasion were **Dr. A. Mohan Babu, Director, NRCM**, and **Dr. R. Lokanadham, Principal, NRCM**. The programme was chaired by **Dr. P. Ramesh Babu, Professor & Head, Department of CSE**, Convener of the FDP. Faculty members, coordinators, Heads of various departments, and a large number of participants from different institutions across the country attended the programme online.

The inaugural session commenced with a **prayer song by Geethika, III Year CSE (CS)**, followed by a **one-minute video showcasing NRCM College**, highlighting the institution's academic excellence and infrastructure.

The **welcome note** was delivered by **Dr. P. Sri Lakshmi, Professor & HoD, CSE**, who warmly welcomed the dignitaries, resource persons, and participants. She emphasized the importance of faculty development programmes in keeping pace with the rapidly evolving technologies in Artificial Intelligence and data-driven systems.

The **inaugural address** was delivered by **Dr. P. Ramesh Babu, Convener**, who presented a brief overview of the FDP. He highlighted that the programme received an overwhelming response from faculty members across the country, reflecting the growing interest in data-driven AI technologies. He expressed his gratitude to the management, Director, and Principal for their constant support and encouragement in organizing such national-level academic programmes.

Dr. R. Lokanadham, Principal, NRCM, addressed the participants and appreciated the efforts of the organizing team. He emphasized the significance of Artificial Intelligence in academics, research, and industry and encouraged faculty members to continuously update their skills to meet global technological advancements.

Dr. A. Mohan Babu, Director, NRCM, in his address, congratulated the organizing team for successfully arranging the FDP in collaboration with CSI Hyderabad Chapter. He highlighted the role of emerging AI technologies in transforming education, research, and industry practices, and motivated participants to actively engage in the sessions for professional growth.

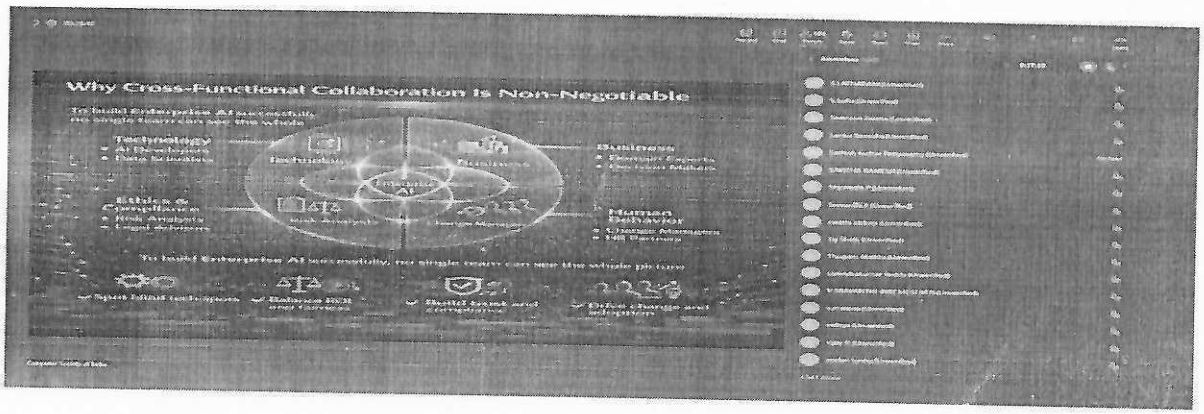
The **Chief Guest, Sri. J. Thrishul Reddy, Secretary, NRCM**, delivered an inspiring speech emphasizing the importance of **Data-Driven Artificial Intelligence** in day-to-day applications, industry solutions, and research innovations. He stressed that academicians must focus on

industry-oriented research and practical learning alongside theoretical knowledge to prepare students for future technological challenges.

The inaugural function concluded with a **vote of thanks**, expressing gratitude to the management, dignitaries, resource persons, organizers, coordinators, and participants for their support and active participation, marking a successful beginning to the One Week FDP.

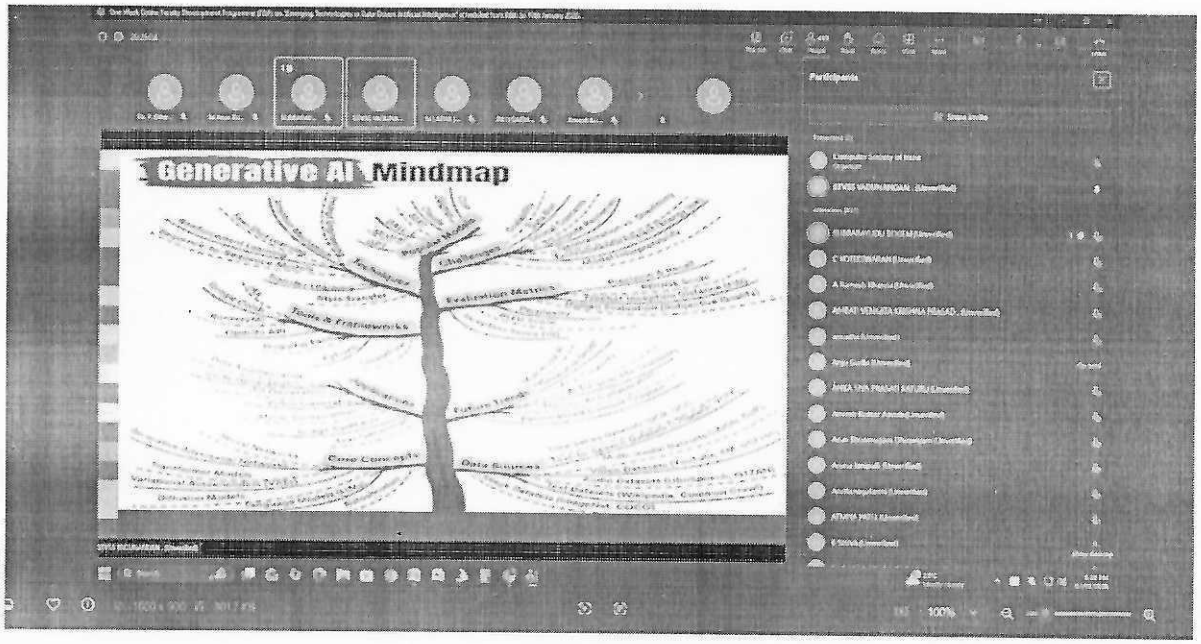
Day 1 – 06 January 2026 (Tuesday):

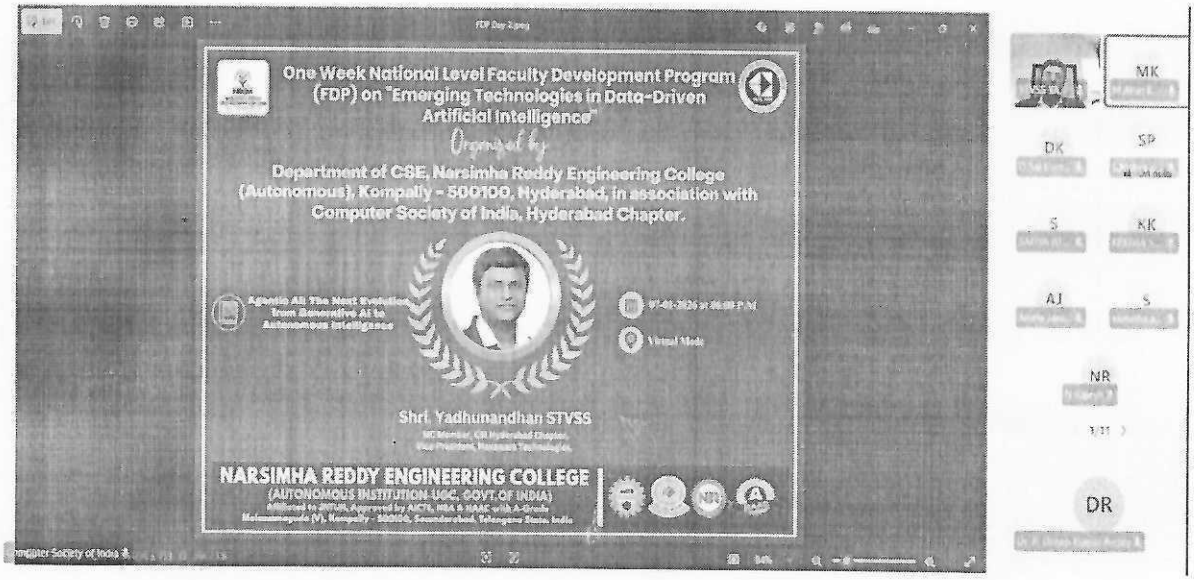
The first day of the FDP featured an insightful session by **Dr. Kalyan Sarvepalli**, MC Member, CSI Hyderabad Chapter, and Principal Consultant at **Infosys Limited, Hyderabad**. The session titled **"Operationalizing Artificial Intelligence in the Enterprise"** focused on practical strategies for deploying AI solutions in real-world enterprise environments. Dr. Sarvepalli emphasized data-driven decision-making, AI governance, scalability challenges, and the integration of AI with existing business processes. The session provided participants with a strong foundation on translating AI concepts into operational success.



Day 2 – 07 January 2026 (Wednesday):

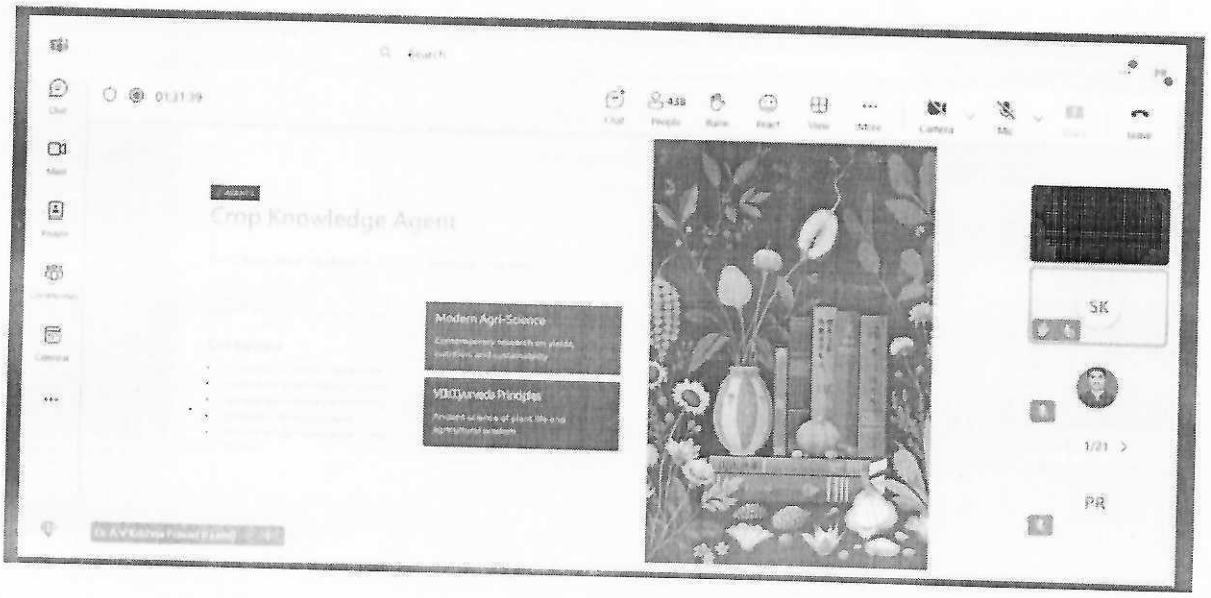
On the second day, **Mr. Yadunandan STVSS**, MC Member, CSI Hyderabad Chapter, and Vice President at **Hexaware Technologies**, delivered an engaging talk on **"Agentic AI: The Next Evolution from Generative AI to Autonomous Intelligence."** The session explored the shift from traditional generative models to autonomous AI agents capable of reasoning, planning, and decision-making. Participants gained valuable insights into agentic architectures, real-time adaptability, enterprise use cases, and the future impact of autonomous intelligence across industries.

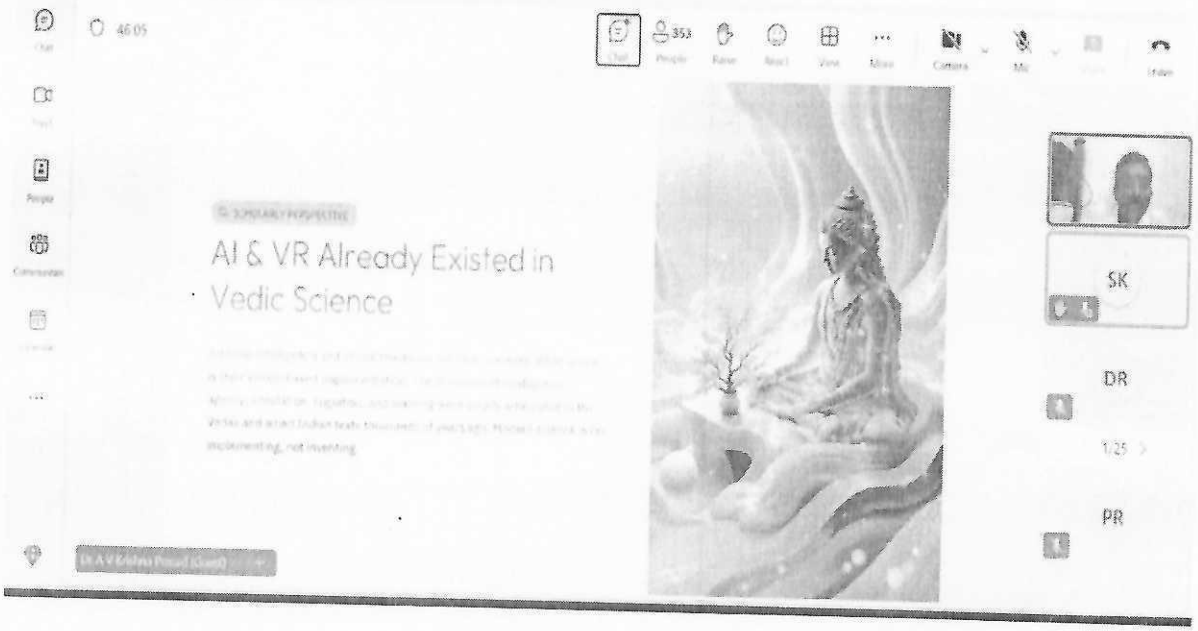




Day 3 – 08 January 2026 (Thursday):

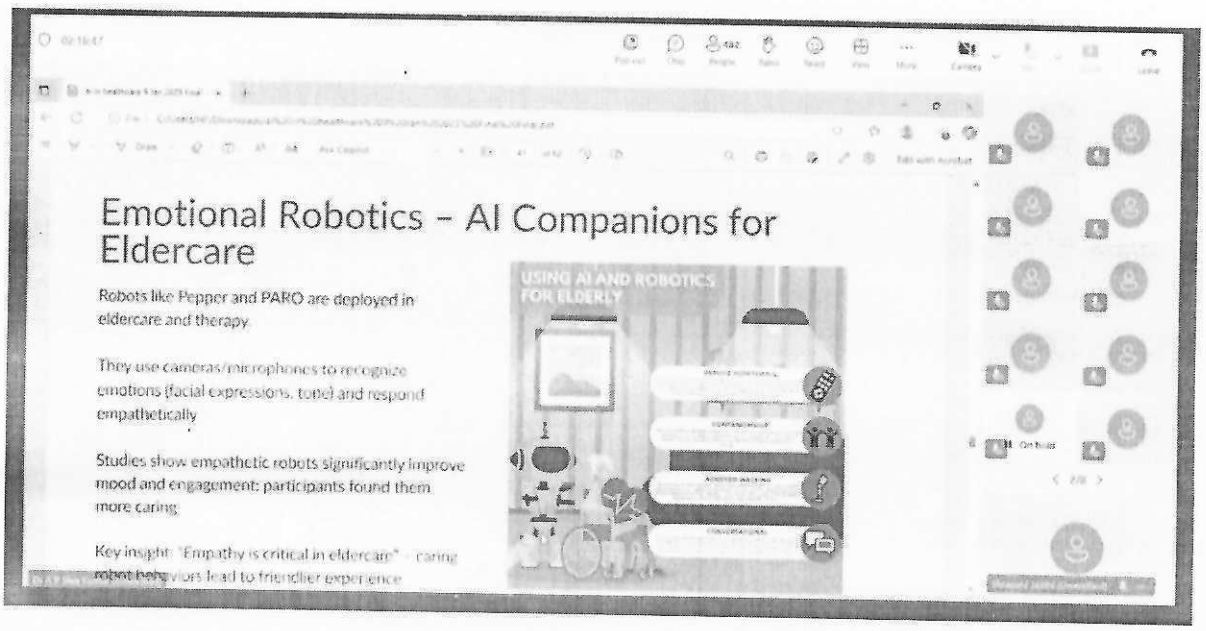
The third day was enriched by **Dr. A. V. Krishna Prasad**, Professor, IT Department, **MVSR Engineering College**, and Chairman, **CSI Hyderabad Chapter**. His session on **"AI in Vedic Science"** provided a unique interdisciplinary perspective by linking ancient Indian knowledge systems with modern artificial intelligence. The talk highlighted conceptual parallels between Vedic principles and AI reasoning models, offering participants a deeper appreciation of how traditional wisdom can inspire contemporary technological advancements.

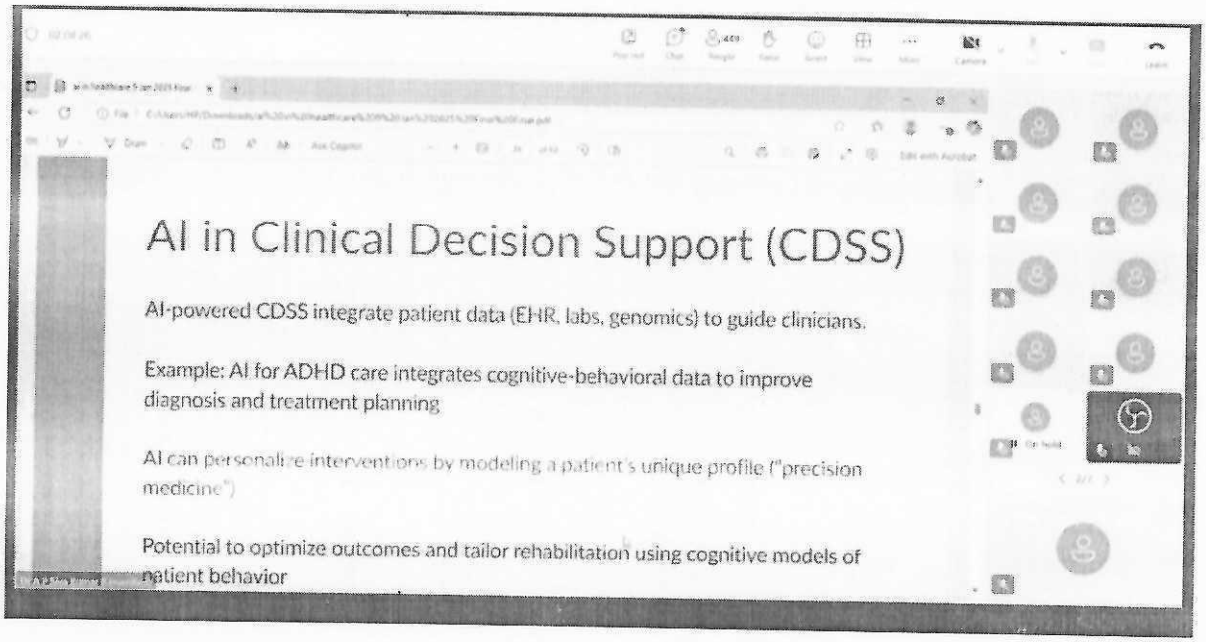




Day 4 – 09 January 2026 (Friday):

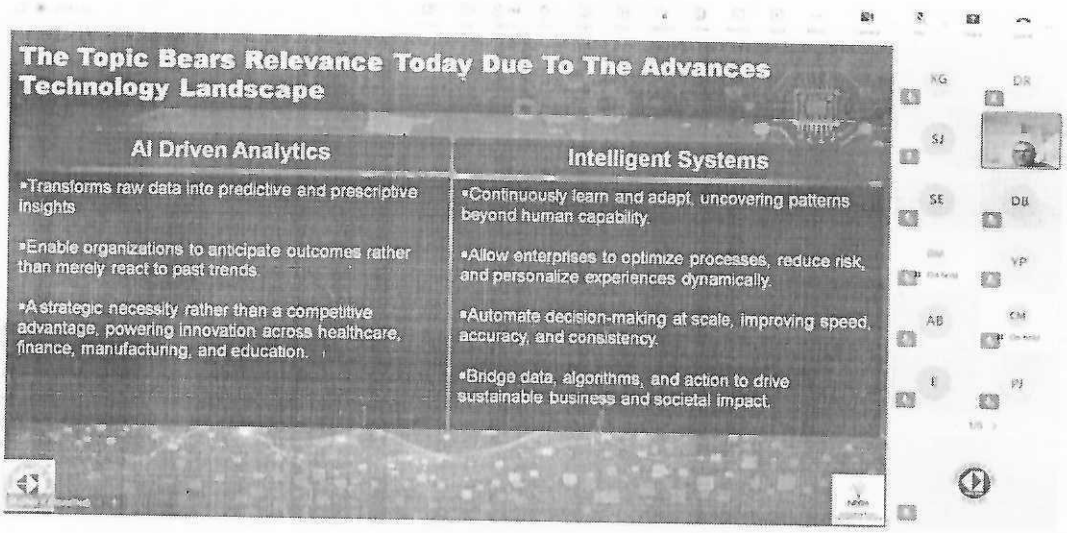
The fourth day featured an informative lecture by **Dr. A. P. Siva Kumar**, Professor, CSE Department, **JNTUA College of Engineering, Anantapur**. The session titled **"AI in Healthcare: Integrating Cognitive, Emotional, and Physiological Models"** focused on the transformative role of AI in healthcare systems. Dr. Siva Kumar discussed intelligent diagnostic systems, patient-centric care models, emotional AI, and the integration of physiological data for improved healthcare outcomes. The session emphasized ethical considerations and real-world applications of AI in medical domains.

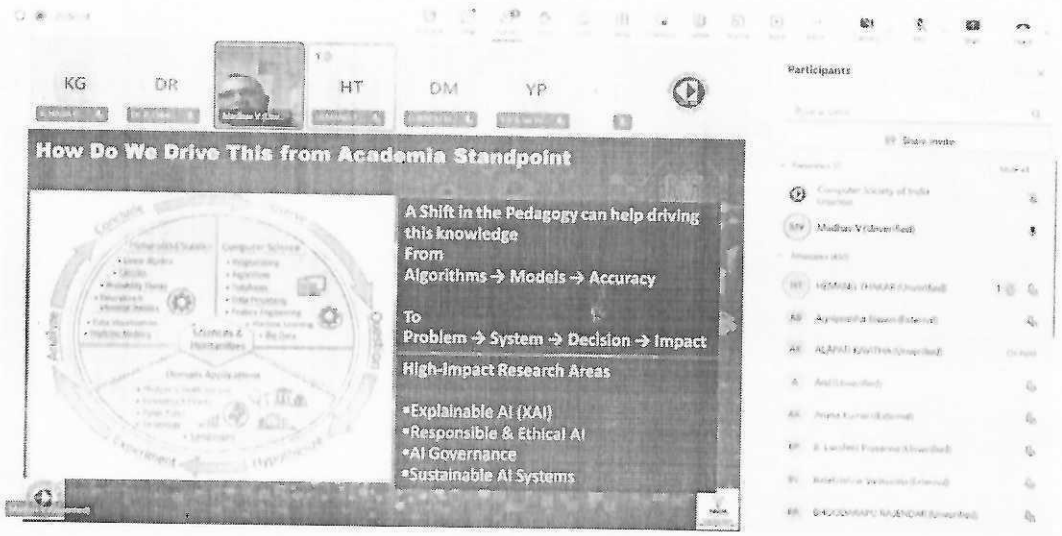




Day 5 – 10 January 2026 (Saturday):

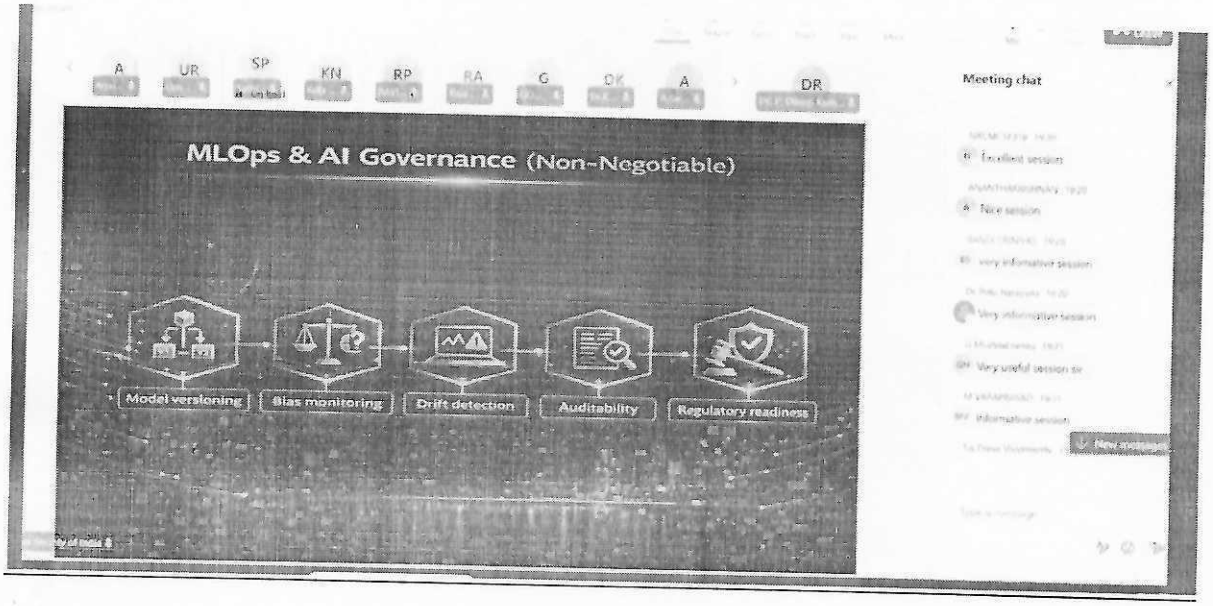
The final day of the FDP concluded with an expert session by **Mr. V. Sai Bhanu Madhav**, Principal Consultant at **Infosys, Hyderabad**, on **"Data Science with AI-Driven Analytics and Intelligent Systems."** The session covered advanced data analytics, machine learning pipelines, and AI-powered decision-support systems. Participants were introduced to intelligent data processing techniques, predictive analytics, and enterprise-level data science applications, making it a fitting and impactful conclusion to the Programme.





Day 6 – 11 January 2026 (Sunday):

The sixth and final day of the Faculty Development Programme was marked by the **Valedictory Function and Assessment Test**, conducted from **08:00 PM to 08:15 PM**. The session was coordinated by **Mrs. Revathy Pulugu** and **Mrs. Sravani Jasti**, Assistant Professors, Department of Computer Science and Engineering. The assessment test was organized to evaluate participants' understanding of the concepts covered during the FDP. The valedictory function formally concluded the programme, acknowledging the active participation and enthusiastic involvement of all attendees and marking the successful completion of the week-long FDP.



Valedictory Function:

The Valedictory Function of the **One Week Online Faculty Development Programme (FDP) on "Emerging Technologies in Data-Driven Artificial Intelligence"** was successfully conducted on **11th January 2026 at 8:00 PM**. The FDP was organized by the **Department of Computer Science and Engineering, Narsimha Reddy Engineering College (Autonomous), Hyderabad**, in association with the **Computer Society of India (CSI), Hyderabad Chapter**. The programme marked the successful conclusion of six days of insightful technical sessions delivered by eminent academicians and industry experts.

The valedictory session commenced with a **welcome note by Mrs. Revathy Pulugu, Assistant Professor, Department of CSE**, who warmly greeted the dignitaries, resource persons, and participants. She briefly highlighted the objectives of the FDP and expressed satisfaction over the active participation and overwhelming response received from faculty members across the country.

This was followed by **feedback from the participants**, where several attendees shared their experiences and appreciation for the well-structured sessions, relevant themes, and expert delivery. The participants acknowledged that the FDP significantly enhanced their understanding of data-driven AI, emerging trends, and practical applications, and they expressed gratitude to the organizers for conducting such a valuable academic initiative.

The **Valedictory Address was delivered by the Convener, Dr. P. Ramesh Babu, Professor & Head, Department of CSE**. In his address, he reflected on the success of the FDP, emphasized the importance of continuous learning in the rapidly evolving field of Artificial Intelligence, and appreciated the collective efforts of the organizing committee, speakers, and participants for making the programme meaningful and impactful.

Subsequently, **Dr. R. Lokanadham, Principal, NRCM**, addressed the gathering. He congratulated the Department of CSE for organizing the FDP at a national level and highlighted the relevance of data-driven AI in academia, research, and industry. He encouraged faculty members to integrate the knowledge gained during the FDP into teaching, research, and innovation activities.

The session was further enriched by the address of the **Chief Guest, Dr. A. Mohan, Director, NRCM**, who appreciated the initiative taken by the department in organizing a contemporary and need-based FDP. He stressed the importance of interdisciplinary research and the role of Artificial Intelligence in shaping the future of higher education and industry. He also commended the CSI Hyderabad Chapter for its support and collaboration.

The programme concluded with a **Vote of Thanks proposed by Dr. P. Dileep Kumar Reddy, Convener, Department of CSE**, who expressed sincere gratitude to the management, principal, chief guest, resource persons, CSI Hyderabad Chapter, organizing committee members, technical team, and all participants for their cooperation and support throughout the FDP. He acknowledged the collective efforts that led to the grand success of the programme.

Er. D Srinivas, Dean-ICT, Computer Science & Engineering for extending his excellent and creative ideas in designing the banner for inaugural function, valedictory poster for the FDP and **Teams Links and YouTube live streaming**.

I extend my sincere thanks to the Co-Convener, Dr. N. Srinivasa Rao, Associate Professor, and the Coordinators, Mrs. Revathy Pulugu and Mrs. Sravani Jasti, Assistant Professors, for their dedication, coordination, and tireless efforts throughout the FDP.

I am very thankful to each and every Computer Science and Engineering Department teaching staff members who have contributed and played their part in this success. A special gratitude to the non teaching staff members also, who have worked hard to ensure that this workshop becomes a grand success.

It was a great Initiative by management. I am thankful to Management for giving me this opportunity to conduct online FDP Programme for faculty members of technical institute of

India free of cost. I got huge response for registration as well as lots of compliment of arranging the online workshop, content and hands on. The vote of thanks to all the members who made this programme a huge success.

Last but not the least, the wonderful participants from various states contributed their part and who have turned up in such great numbers, without their support this program would not be successful. Thank you so much for your keen interest and participation in the workshop. Thank you every one.

The Valedictory Function ended on a positive note, marking the successful completion of the FDP and reinforcing the institution's commitment to academic excellence, faculty development, and emerging technology adoption.

Programme Outcomes (POs) Mapping for the FDP:

The Faculty Development Programme was aligned with the following Programme Outcomes, enabling participants to enhance their academic, research, and professional competencies:

PO1 – Engineering Knowledge: Participants strengthened their foundational and advanced knowledge in Artificial Intelligence, data science, generative AI, and agentic AI systems.

PO2 – Problem Analysis: The FDP enabled faculty members to analyze complex real-world problems and identify suitable AI-driven solutions across enterprise and interdisciplinary domains.

PO3 – Design and Development of Solutions: Participants gained the ability to design intelligent systems and AI-based analytical models for enterprise, healthcare, and data-centric applications.

PO4 – Research and Innovation: The programme encouraged research orientation by exposing participants to emerging AI paradigms, interdisciplinary integration, and evolving research directions.

PO5 – Modern Tool Usage: Faculty members were familiarized with modern AI tools, intelligent systems, and analytics platforms for effective teaching, research, and deployment.

PO6 – Ethics and Societal Impact: The FDP emphasized responsible and ethical use of AI, highlighting its societal impact, especially in healthcare and knowledge systems.

PO7 – Lifelong Learning: The programme motivated participants to continuously update their skills in rapidly evolving AI technologies and adopt lifelong learning practices.

Programme Specific Outcomes (PSOs) Mapping for the FDP:

The FDP specifically contributed to the following Programme Specific Outcomes relevant to Computer Science and Engineering:

PSO1 – Advanced AI Competency: Participants developed specialized expertise in data-driven AI, generative AI, agentic AI, and intelligent systems.

PSO2 – Interdisciplinary Application of AI: Faculty members gained insights into applying AI techniques in interdisciplinary domains such as healthcare and Vedic science.

PSO3 – Academic and Curriculum Enrichment: The FDP supported curriculum design and enrichment by enabling faculty to integrate contemporary AI concepts into teaching and learning processes.

Sustainable Development Goals (SDGs) Mapping for the FDP:

The FDP contributed significantly to the following **United Nations Sustainable Development Goals (SDGs):**

SDG 3 – Good Health and Well-being: AI applications in healthcare discussed during the FDP support improved diagnostics, patient care, and healthcare decision-making.

SDG 4 – Quality Education: The FDP enhanced the quality of education by empowering faculty with advanced AI knowledge, innovative teaching methodologies, and curriculum enrichment.

SDG 9 – Industry, Innovation, and Infrastructure: The focus on operationalizing AI in enterprises and intelligent systems promotes innovation, technological advancement, and sustainable infrastructure.

SDG 10 – Reduced Inequalities: AI-driven solutions discussed in the FDP enable inclusive access to healthcare, education, and intelligent technologies.

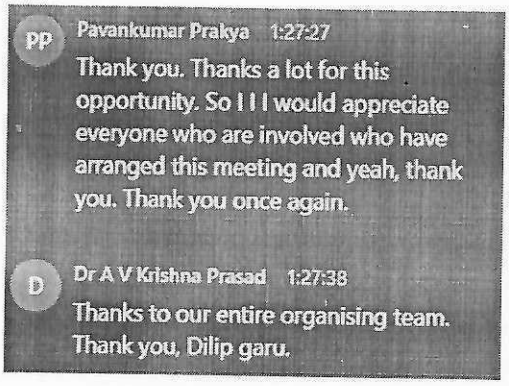
SDG 17 – Partnerships for the Goals: Collaboration between academia, professional bodies like CSI, and experts fostered partnerships that support sustainable technological development.

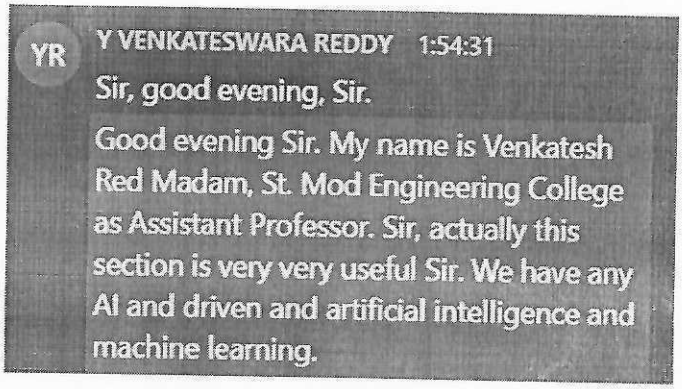
YouTube Links:

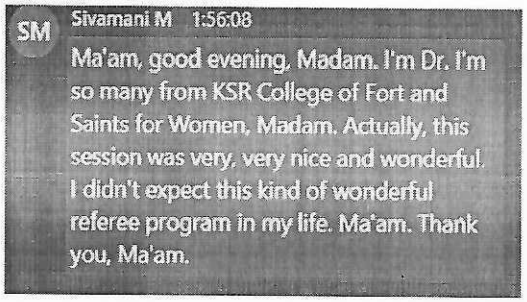
DATE	Inaugural Function Welcome Note by Dr. P. Sri Lakshmi & Ch Sri Lakshmi	Inaugural Function	YouTube Links
06-01-2026 (Tuesday)	Dr Kalyan Sarvepalli MC Member, CSI Hyderabad Chapter, Infosys Limited, Principal Consultant, Cloud, Data Enthusiast, Data Analytics, Hyderabad	Operationalizing Artificial Intelligence in the Enterprise	https://www.youtube.com/watch?v=PDg2bk-rjzo
07-01-2026 (Wednesday)	YADUNANDAN STVSS, MC Member, CSI Hyderabad Chapter, Hexaware	Agentic AI: The Next Evolution from Generative AI to Autonomous Intelligence	https://www.youtube.com/watch?v=rDMWPdEci38

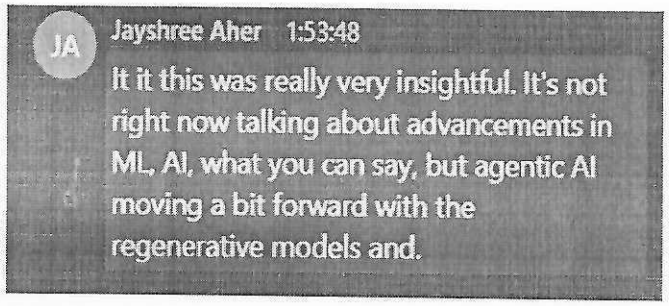
	Technologies, Vice President		
08-01-2026 (Thursday)	Dr AV Krishna Prasad Professor In II Department, MVSR Engineering College & Chairman, CSI Hyderabad Chapter.	AI in Vedic Science	https://www.youtube.com/watch?v=V1iIZ_EMUOk
09-01-2026 (Friday)	Dr. A.P. Siva Kumar, Professor, CSE Department JNTUA College of Engineering Anantapur	AI in Healthcare: Integrating Cognitive, Emotional, and Physiological Models	https://www.youtube.com/watch?v=HPrQa4VmvLs
10-01-2026 (Saturday)	V Sai Bhanu Madhav Principal Consultant, Infosys, Hyderabad	Data Science with AI-Driven Analytics and Intelligent Systems	https://www.youtube.com/watch?v=-9TzXNP1BmM
11-01-2026 (Sunday)	Mrs. Revathy Pulugu, Assistant Professor, CSE Mrs. Shravani Jasthi, , Assistant Professor, CSE	Valedictory Function & Assessment Test	https://www.youtube.com/watch?v=-9TzXNP1BmM

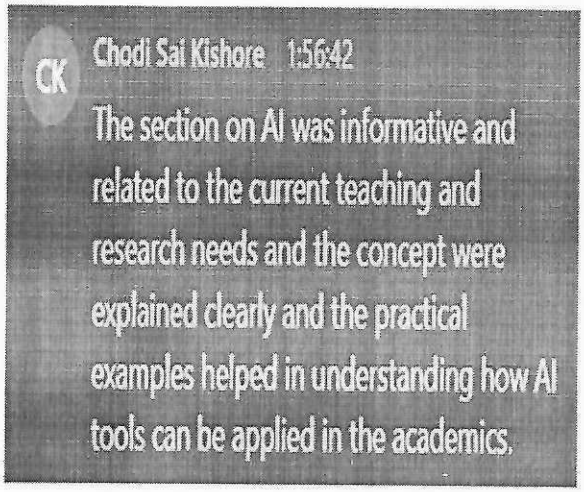
Feedback of the Participants:

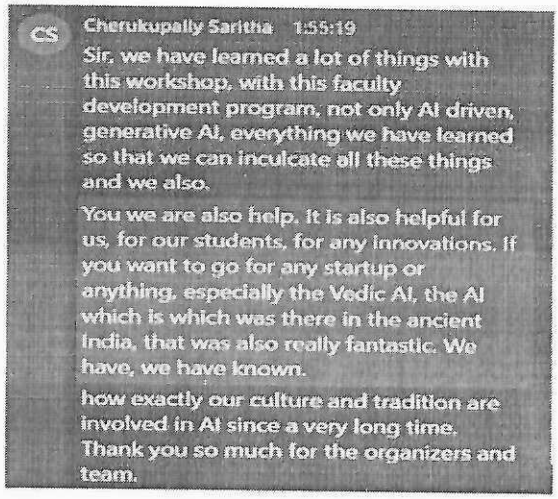


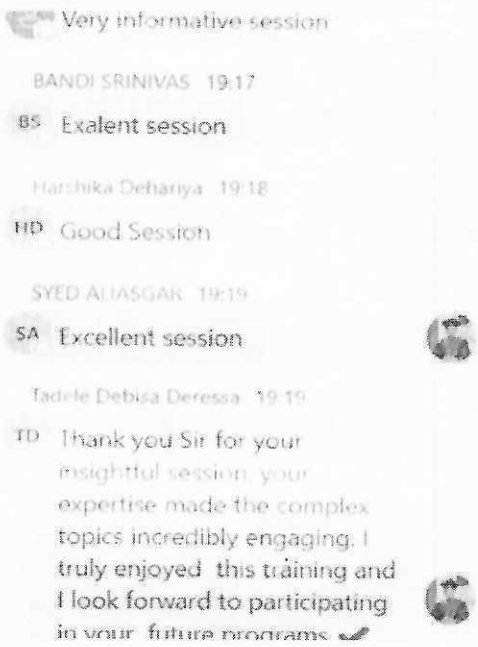












Thanks Dr. I appreciate your commitment and effort. I'm very glad to hear your testimony from your Institute. Thanks for your invitation and we have learned alot of things. I have recieved certificate and happy to see you again! My favorite faculty!!

I have got PDF from South Africa and about to join after one week. We will make research collaboration and student Or faculty exchanges with our Institute in future

Conclusion of the FDP:

The One Week Online Faculty Development Programme on **"Emerging Technologies in Data-Driven Artificial Intelligence"**, organized by the **Department of Computer Science and Engineering, Narsimha Reddy Engineering College (Autonomous), Hyderabad**, in association with the **Computer Society of India (CSI), Hyderabad Chapter**, was concluded successfully with active participation from faculty members and researchers across the country. The programme effectively achieved its intended objectives by providing in-depth insights into contemporary and emerging AI technologies.

Throughout the FDP, participants were exposed to advanced concepts such as operationalizing Artificial Intelligence in enterprise environments, the evolution from Generative AI to Agentic AI systems, AI-driven analytics, and interdisciplinary applications of AI in healthcare and traditional knowledge systems. The expert sessions enriched the participants' technical knowledge and enhanced their ability to connect theoretical foundations with practical implementations.

The FDP significantly contributed to faculty empowerment by strengthening teaching competencies, promoting research orientation, and encouraging innovation in curriculum design. Participants gained valuable perspectives on emerging research directions and real-world AI use cases, enabling them to incorporate advanced AI methodologies into academic, research, and professional practices.

Overall, the programme served as a robust platform for knowledge sharing, collaboration, and professional growth. The successful completion of the FDP reaffirms the institution's commitment to academic excellence, faculty development, and the adoption of cutting-edge technologies to address societal and industrial challenges.

Organizing Secretary

HOD-CSE

Principal

PRINCIPAL
NARSIMHA REDDY ENGINEERING
UGC AUTONOMOUS
Sy.No. 518, Maisammaguda (V), Dhulapally
Medchal (M & Dist.), Hyderabad

Department of CSE,

Narsimha Reddy Engineering College (Autonomous), Hyderabad, in association with Computer Society of India, Hyderabad Chapter

One Week Online Faculty Development Programme

On

"Emerging Technologies in Data-Driven Artificial Intelligence" from 06th to 11th January 2026

Total Participants List: 1100

State-wise Registration: Summary

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9	Jharkhand	3
10	Rajasthan	2
11	Kerala	2
12	Punjab	1
13	New Delhi	1
14	Madhya Pradesh	2
15	Others- Industry	5
16	Outside India (Ethiopia-2, Tashkent-3, Oromia-4	9
	TOTAL	1100

Organizing Secretary

HOD-CSE

NARSIMHA REDDY ENGINEERING COLLEGE

AN AUTONOMOUS INSTITUTION

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This Certficate is awarded to

D Srinivas , Assistant Professor

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for participating in the One-Week Online Faculty Development Programme (FDP) on "Emerging Technologies in Data-Driven Artificial Intelligence" held from 06th to 11th January 2026 at Narsimha Reddy Engineering College (Autonomous), Hyderabad, in association with Computer Society of India (CSI) Hyderabad Chapter.

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