

REPORT OF NON SPONSORED/LOCAL ACTIVITIES ORGANISED BY CENTRES / OVERSEAS CHAPTERS

Name of Centre	ANDHRA PRADESH		
Name of the Centre / Forum	ANDHRA PRADESH STATE CENTRE		
Title of the Seminar:	Er. Smt. K Padmaja 1st Endowment Lecture – “Artificial Intelligence and its applications”		
Under the aegis of which Divisional Board:	Computers		
Program Date:	11th - 06 - 2025	Program Time:	10:00AM
Associate organization (if any):			
No. of Participants logged in	113		

REPORT

Introduction

The Institution of Engineers (India), Andhra Pradesh State Centre, hosted the inaugural **Endowment Lecture in honor of Er. Smt. K Padmaja, FIE**, the first woman Chief Engineer in Andhra Pradesh. The program highlighted her pioneering achievements in engineering leadership, alongside a visionary keynote lecture on **Artificial Intelligence** by **Sri D. Sai Satish**, an acclaimed technologist and founder of Indian Serve

Dignitaries Present

The program was honored by the presence of:

- **Prof. (Dr.) M L S Deva Kumar**, FIE – Chairman, IEI AP State Centre & CEO, BCDE
- **Dr. M. Ramesh** – Principal, P B Siddhartha College of Arts and Science
- **Er. P. Sudhakar** – Retd. Chairman & MD, ECIL, Hyderabad
- **Er. Smt. K Padmaja**, FIE – Retd. Chief Engineer, Panchayati Raj Department, AP
- **Sri D. Sai Satish** – Founder and CEO, Indian Servers
- **Prof. (Dr.) A. V. Naresh Babu**, FIE – Honorary Secretary, IEI APSC
- **Prof. (Dr.) M Babu Rao**, FIE – Convener, IEI APSC Computer Engineering Division

Welcome Address:

Prof. (Dr.) M Babu Rao opened the session with a warm welcome and noted the importance of honoring engineering trailblazers.



Presidential Remarks:

Prof. (Dr.) M L S Deva Kumar highlighted the values of service, innovation, and inclusion exemplified by Er. K Padmaja's career.

Addresses by Key Dignitaries:

- **Dr. M. Ramesh** shared educational reflections on shaping technical leadership.
- **Er. P. Sudhakar** acknowledged Padmaja madam's work in rural development and project planning.

Tribute to Er. Smt. K Padmaja, FIE

Er. Padmaja's contributions to rural infrastructure, especially in roads, water management, and sanitation under Panchayati Raj, remain a benchmark in civil engineering. As the **first woman Chief Engineer of Andhra Pradesh**, she not only led high-impact projects but also mentored countless engineers and helped institutionalize gender-inclusive hiring practices. Her AV presentation brought to light her personal and professional milestones.



Keynote Lecture by Sri D. Sai Satish

Topic: *Artificial Intelligence and Its Applications*

Sri D. Sai Satish, a visionary technologist, ethical hacker, and entrepreneur, delivered a high-impact session that resonated with students, faculty, and engineers alike. Known as the **Founder and CEO of Indian Servers**, Satish is a well-respected name in the fields of **cybersecurity, AI, and digital innovation**.

His lecture focused on:

- **The Role of AI in Nation Building:** From smart cities to predictive analytics in public health, AI is transforming governance.
- **Cybersecurity and Ethical AI:** He warned against data misuse and highlighted the importance of regulation in AI development.
- **AI for Social Good:** Using examples from Indian Servers' work, he explained how AI is helping in agriculture (crop disease detection), education (personalized learning), and disaster response (early warning systems).
- **Youth Empowerment through Tech:** He encouraged students to take part in AI-based innovation challenges, internships, and open-source collaboration to drive local solutions for global problems.

Sri Satish's practical demos and simplified explanations made AI accessible even to non-technical attendees, demonstrating his strength as both a **technocrat and educator**.

Honoring Excellence

Certificates of Excellence were awarded to:

- **Sri D. Sai Satish**, for his outstanding keynote lecture and his contributions to digital India



Vote of Thanks & National Anthem

Prof. (Dr.) A. V. Naresh Babu delivered the vote of thanks, acknowledging the significance of this historic occasion and the lasting inspiration provided by both the keynote speaker and the honoree. The program concluded with the **National Anthem**, marking a respectful end to a meaningful and visionary event.

