



Saamyendra Nath Brahmachary Distinguished Lecture Series: 31st Lecture

Lecture by Dr. Kausik Chatterjee

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Dr. Kausik Chatterjee Addressing Students and Faculty Members

The 31st Lecture of Saamyendra Nath Brahmachary Distinguished Lecture Series was organised by Dev Sangha Institute of Professional Studies and Educational Research, Deoghar on 25th March 2025, on the topic **“Ways of Enhancing the Indian Knowledge System to Successful Implementation of AI.”** by Dr. Kausik Chatterjee, Associate Professor, Satyapriya College of Education, Bidhan Nagar, Kolkata – 700064, West Bengal, India.

Dr Chatterjee began his lecture with a comparison of the functioning of the traditional knowledge system and that with the functioning of the AI. He made the comparison with the example of the five senses that every human being possesses, i.e. Sound, Vision, Smell, Taste and Touch. Dr Chatterjee, further, elaborated that integrating India's knowledge systems into the successful implementation of AI offers immense potential for innovation and inclusivity. Incorporating traditional Indian knowledge in areas like Ayurveda, Yoga, and Vedic mathematics into AI research for innovation may be one added advantage to spread Indian traditional knowledge system to the world. We need to develop AI to preserving ancient texts and making them accessible globally; design AI systems that process India's many regional languages, dialects, and cultural nuances effectively; introduce AI-centric curricula in schools and universities, with traditional knowledge systems; embed India's ethical and philosophical principles of Upanishads into AI ethics frameworks to promote responsible AI use. Vast heritage combined with its growing prowess in AI provides a unique opportunity to lead in the global AI revolution. With the right steps, it can harness the power of AI to preserve its knowledge systems while addressing contemporary challenges.

The lecture was highly informative as well as interactive as it was in face-to-face mode and was attended by Teachers and Students of Dev Sangha Institute of Professional Studies and Educational Research. The programme was successfully anchored by Sona Selina Hembrom, a student teacher, B.Ed. 2024-26, and coordinated by Shri Kumud Ranjan Jha, Asst Professor and Coordinator, DLS Programme.

