



HANS RAJ COLLEGE

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NAAC ACCREDITED 'A++' GRADE COLLEGE

Name of the Event: One Day Seminar on National Science Day Date of the Event: 29th February, 2024

Department of Physics and Electronics, Hansraj College in association with Viksit Bharat Ambassador Club, Hansraj College, organized a One Day seminar on national Science Day. The event was organized to honor the discovery of Raman's effect by Sir C. V. Raman. The event commenced with a quiz and debate competition open to all physics undergraduate students from Delhi University. Numerous students from various colleges participated, with three winners selected from the quiz and two from the debate competition. The event featured talks by two distinguished physicists: Professor Supriya Kar from the University of Delhi and Dr. Ram Prasad Prajapati from Jawaharlal Nehru University. Professor Kar delivered a lecture titled "Perspective of Laboratory Black Holes," delving into theoretical aspects such as black holes, white holes, general relativity, and metric tensors. He elucidated how the curvature of space-time relates to energy and discussed the significance of laboratory black holes in astrophysics and our comprehension of the universe. Dr. Prajapati's talk, "Contribution of Indian Space and Fusion Programmes in the Viksit Bharat@2047," highlighted the scientific achievements of ancient India and the contributions of Indian polymaths like Varāhamihira, Brahmagupta, and Aryabhatta. He underscored our nation's advancements in space and fusion research, outlining key milestones achieved by Indian space agencies and fusion research centers. Principal Professor (Dr.) Rama, along with the faculty, extended a warm welcome to the esteemed speakers. Both sessions were highly interactive, engaging, and informative, reflecting the participants' keen interest. Following the talks, the winners of the earlier quiz and debate competitions were honored by the distinguished speakers. The seminar showcased the participants' curiosity and emphasized the importance of such events in nurturing scientific curiosity and fostering collaboration within the academic community.





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