



VIGYAN PRATIBHA

TEACHERS' TRAINING WORKSHOP 2024

1ST TO 5TH APRIL 2024



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Vigyan Pratibha (VP) stands as a pioneering initiative by the Government of India, under the purview of the Department of Atomic Energy (DAE), dedicated to cultivating scientific and mathematical talent among students in Classes 8 to 10 nationwide. Operating primarily through various Kendriya Vidyalayas, Jawahar Navodaya Vidyalayas, and Atomic Energy Central Schools, this initiative is spearheaded by the National Institute of Science Education and Research (NISER) in collaboration with Homi Bhabha Centre for Science Education (HBCSE) and the Institute of Physics (IOP) in the Odisha, Chhattisgarh and Andhra Pradesh region.

Vigyan Pratibha plays a pivotal role, collaborating with educational institutions to introduce 'Science Circles.' These circles enable students to actively engage in specialized "Learning Units," crafted by the HBCSE, with contributions from faculty members and experts nationwide. These units, aligned with the NCERT curriculum, provide hands-on experiences that deepen students' understanding of fundamental concepts through "Learning by Doing."

In the past year, NISER organized two teacher-training workshops attended by 53 teachers from 20 Kendriya Vidyalayas, 21 Jawahar Navodaya Vidyalayas, and two Atomic Energy Central Schools across Odisha, Chhattisgarh, and Karnataka. These workshops focused on enhancing pedagogical skills through rigorous training, including conducting "learning units," participating in skill development sessions, visiting instrumentation facilities, and engaging in teaching learning labs with students. Upon returning to their schools, the teachers implemented the same learning units with students and shared their experiences, offering feedback during the subsequent workshop.

The first Vigyan Pratibha Teachers' Training Workshop for the academic year 2024-25 for Odisha, Chhattisgarh, and Andhra Pradesh, scheduled for April 1st to 5th, 2024, will be hosted at NISER in partnership with IOP. With 74 participants from various schools, the workshop aims to enrich pedagogical skills and foster innovative learning ideas among the teachers.