



VIGYAN PRATIBHA TEACHERS' TRAINING WORKSHOP

20th to 23rd
November 2023



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Vigyan Pratibha (VP) is an innovative initiative by the Government of India, managed by the Department of Atomic Energy and backed by the Homi Bhabha Centre for Science Education. The Odisha and Chhattisgarh chapter of the project is led by the National Institute of Science Education and Research and the Institute of Physics. It aims to nurture scientific and mathematical talent among students in Classes 8 to 10 nationwide, focusing on Kendriya Vidyalayas, Jawahar Navodaya Vidyalayas, and Atomic Energy Central Schools.

This year, in September, NISER and IOP conducted the first phase of the Vigyan Pratibha Teachers' Training Workshop at NISER, a 5-day event. 53 teachers from 20 Kendriya Vidyalayas in Odisha and Chhattisgarh, 21 Jawahar Navodaya Vidyalayas in Odisha and Chhattisgarh, and two Atomic Energy Central Schools from Odisha and Karnataka participated in this workshop. They went through rigorous training to enhance their pedagogical skills. The workshop included conducting "learning units," engaging in Skill Development Sessions, visiting various instrumentation facilities, and interacting with fellow educators and scientists at NISER. Subsequently, upon their return to their respective schools, they will conduct the same learning units with their students.

The follow-up Vigyan Pratibha Teachers'-Training Workshop will be conducted from 20th to 23rd November 2023 at NISER, where the same set of teachers will participate and engage in a new set of "Learning Units," Skill Development sessions, and other related activities. They will also share their experience conducting these learning units in their schools, explaining their observations and providing positive and negative feedback. We anticipate that through this cyclical process of hands-on learning, starting from teachers and extending into the classroom, teachers will be better equipped to impart fundamental concepts in science and mathematics to their students in an engaging and comprehensible manner, making learning enjoyable and meaningful.