



Ms. Taramati (left) and Ms. Nikky Chandrakar (Right)

Ms. Taramati and Ms. Nikky Chandrakar, PhD Scholar from the Department of Physics, IIT Bhilai has been selected for the prestigious DST INSPIRE Fellowship for their doctoral study at IIT Bhilai. This fellowship is for a period of 05 years along with contingency and travel grants for attending national and international conferences.

**"Innovation in Science Pursuit for Inspired Research (INSPIRE)"** is an innovative programme sponsored and managed by the Department of Science & Technology for attraction of talent to Science. The basic objective of INSPIRE is to communicate to the youth of the country the excitement of creative pursuit of science, attract talent to the study of science at an early age and thus build the required critical human resource pool for strengthening and expanding the Science & Technology system and R&D base. A striking feature of the programme is that it does not believe in conducting competitive exams for identification of talent at any level. It believes in and relies on the efficacy of the existing educational structure for identification of talent.

Ms. Taramati will pursue her thesis work on dark matter under the purview of particle physics, cosmology, and astrophysics under the supervision of Dr. Sudhanwa Patra. Ms. Nikky Chandrakar will develop novel transparent electrodes for perovskite solar cells as part of her PhD thesis with Dr. Dhriti Sundar Ghosh.