

N.13: Awards and Honours

N.13.1: Award of Doctor of Philosophy (Ph. D.) Degree

The Homi Bhabha National Institute (HBNI), a Deemed University has awarded Ph. D. Degree to the following employees / students of RRCAT:

1. Dr. Dhanshree Pandey was awarded Doctor of Philosophy in Physical Sciences on the dissertation, titled “First-principles studies on effect of functionalization and adsorption of various gases on two-dimensional nanostructures”, which was supervised by Dr. Aparna Chakrabarti.



2. Dr. Abyay Ghosh was awarded Doctor of Philosophy in Physical Sciences on the dissertation, titled “Lifshitz transition in some recently discovered iron based superconductors”, which was supervised by Dr. Haranath Ghosh.



3. Dr. Sabina Gurung was awarded Doctor of Philosophy in Physical Sciences on the dissertation, titled “Static and ultrafast optical response of metal-semiconductor hybrid nanostructures”, which was supervised by Dr. J. Jayabalan.



4. Dr. Dipanjana Hazra was awarded Doctor of Philosophy in Physical Sciences on the dissertation, titled “Laser driven plasma based electron acceleration, applicable mechanisms and its applications”, which was supervised by Dr. Anand Moorti.



N.13.2: Honorary Award of Doctor of Philosophy (Ph. D.)

Dr. Shankar V. Nakhe, Outstanding Scientist and Director, RRCAT was conferred with Doctor of Philosophy *honoris causa* in the discipline of Engineering and Technology (Electrical Engineering) by the Oriental University, Indore at the 3rd Convocation of the University held on October 19, 2021.



N.13.3: Best Poster Award

Smt. Geetanjali, SO/D, Semiconductor Materials Laboratory, Material Science Section, Material Science Group, RRCAT received the Dr. S. K. Aggrawal Memorial Award for the best poster in XXI International Workshop on Physics of Semiconductor Devices (IWPSD-2021) held at Indian Institute of Technology Delhi during December 14-17, 2021 through virtual mode. The award carries a certificate and a cash prize of ₹ 2000. She presented the poster titled, “Impact of disorder on the charge carrier transport and recombination properties in asymmetrically doped InGaAs QWs probed by



magneto-PL and PC measurements” authored by Geetanjali Vashisht, S.Haldar, S. Porwal, T. K. Sharma, and V.K. Dixit.

N.13.4: HBNI Award

Nidhin S. L., SO/D, Proton Linac Development Division, Proton Accelerator Group, RRCAT received the “Dr. Sekhar Basu Memorial Award” during the Dr. Sekhar Basu Memorial program celebration event 2021 held on October 01, 2021 at HBNI Mumbai, for his significant performance during M. Tech. course and distinguished contribution to DAE programs. The award carries a certificate of appreciation.



N.13.5 Swachhta Champion Award 2021

As a part of Swachh Survekshan-2022 under Swachh Bharat Mission, Indore Municipal Corporation (IMC) has chosen RRCAT colony for the “Swachhta Champion Award” for the record fifth time in the category of “Cleanest Colony of Indore”. As part of the competition, a survey was conducted in the Indore city by the Quality Council of India under the aegis of IMC. RRCAT was adjudged as “श्रेष्ठ रहवासी संघ” in the Swachhta Rankings in this Survekshan, for which a “Certificate of Appreciation” and a trophy of “Swachhta Champion - 2021” was awarded to RRCAT in an award ceremony (स्वच्छता चैंपियन सम्मान समारोह) organized by IMC on October 02, 2021.



Swachhta Champion Award - 2021 trophy (left) and Certificate of Appreciation (right) awarded to RRCAT.