

Bangladeshi academic wins international award

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Hasibun Naher is awarded for her work in nonlinear partial differential equations. Elsevier/Twitter

She recently worked on tsunami simulation and conducted research on travelling waves

Dr Hasibun Naher has become one of the five researchers who have been named winners of the 2018 Organization for Women in Science for the Developing World (OWSD)-Elsevier Foundation Awards for Early-Career Women Scientists in the Developing World for their research in the physical sciences.

Dr Hasibun Naher, an associate professor of Mathematics in the Department of Mathematics and Natural Sciences at Brac university, received the recognition in the Applied Mathematics category, as seen on the Elsevier website.

The Elsevier website has mentioned her work in nonlinear partial differential equations. It highlights her significant academic contributions to this field which include her most recent work on tsunami simulation and her research on travelling waves. Her research at the interface of mathematics and science has many potential applications, including the simulation of tsunamis to make better predictions of tsunami behaviour.

She has published many scientific papers in renowned international journals in her research areas of partial differential equations and travelling waves, mathematical physics and mathematical biology. She is the author of two books published by the Bangladesh National Curriculum and Textbook Board.

“This prestigious award makes me more confident that I will reach my goals, by doing research in various fields in collaboration with international scientists and researchers from developed countries,” said the awardee.

She added: “Since my childhood I always thought about how to motivate female students in Stem to help them have prosperous lives in developing countries. I hope this award helps me to fulfill my dream.”

The OWSD awards winners for their research in the physical sciences, specifically, applied mathematics, physics, theoretical and computational chemistry, environmental and material chemistry, and organometallic and coordination chemistry.