

# Indian Institute of Technology

## Dr. Arti Kashyap, one of “75 Women in STEAM” honored by the Office of Principal Scientific Adviser

March 8, 2022



We proudly share that Dr. Arti Kashyap, Associate Professor (Joint Appointment) SBS and SCEE, has been selected as one of the **75 Women in STEAM** to be featured in the book **She Is: 75 Women in STEAM**. The announcement was made by the Principal Scientific Adviser Prof K Vijay Raghavan and His Excellency, The British High Commissioner Mr Alex Ellis in Delhi on March 3, 2022. The book is being published by Red Dot Foundation in partnership with the Office of the Principal Scientific Adviser,

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Government of India. The organization and the government body set up a jury of distinguished members to choose the women scientists who have made an impact through their work.

The primary area of research of Dr. Arti Kashyap is to study the magnetic materials using first principles approach and use of big data technologies for various applications including material design. Apart from this, she has a keen interest in socio-technical research areas; specifically in the space where technological intervention can fulfill societal needs. Her work on the use of dry pine needles to contain the forest fires has already been accepted as a viable solution and has shaped up the policy of the Forest department of Himachal Pradesh. The solution involves creating biomass fuel from dry pine needles which can also help generate employment by developing small scale industries for natural resources. Her work and its practical implementation in society has been captured by ECO India DW and Scroll.in in the following video:

<https://www.youtube.com/watch?v=TyZ7AGQotog8&authuser=1>

Recently, she also participated in the UT level consultation meeting in Jammu for the deliberations on the theme “Forests for Livelihood”.

IT Mandi congratulates Dr. Arti Kashyap for her achievement and success.

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