




Pune Knowledge Cluster

Presents

Conversations with Women Role Models in STEM

Title of the talk: *Beyond the reaction - Catalyzing change with purpose and persistence towards a sustainable future*

Organized By	Pune Knowledge Cluster (PKC)
In collaboration with	BASF Chemicals India Pvt Ltd.
Date	Friday, 20th December 2024
Time	4:00 PM to 5:30 PM
Description of the talk series	An initiative by The Pune Knowledge Cluster, which aims to bring forward the journey of women in various fields of Science, Technology, Engineering & Mathematics (STEM). This series is conducted in an informal conversational format to help the audience relate to the lives of successful women professionals in S&T, knowing first-hand about their success stories, their failures, and how they moved ahead to make a mark in their field. We hope this initiative will inspire young women to break gender stereotypes, societal barriers and encourage them to pursue careers in STEM.
For whom	It's public talk. Open to all
Potential Gains	Women Role Model Talk series aims to create a supportive ecosystem for women in science to build professional networks, meet women role models and develop leadership skills. The speaker will share details about their journey, research work, and motivation to engage in Chemistry.
Panellists/Trainers/speakers	Name: Dr. Fatima Jalid Designation: Assistant Professor Affiliation: National Institute of Technology, Srinagar
Registration Link & Eligibility	Shorten Registration Link: https://forms.gle/ArMfzkPDpQ7FELyp6 QR Code for registration link: 



Profile of the Speaker



Dr. Fatima Jalid

Dr. Fatima Jalid is an Assistant Professor at NIT Srinagar's Department of Chemical Engineering, since January 2016.

She received a gold medal and graduated with a summa cum laude B.Tech in Chemical Engineering from NIT Srinagar in July 2015. She started her Master of Technology in Chemical Engineering at IIT Delhi, however, right after a semester she was recruited into the esteemed Trainee Teacher Scheme by the MHRD and began teaching at NIT Srinagar while pursuing her PhD at IIT Delhi.

She teaches a variety of courses at NIT Srinagar, including Chemical Reaction Engineering, Mass Transfer and Energy Technology. She has been an ardent educator there and the students have always been motivated by her to pursue higher education and do research. She helps students make better professional choices by providing advice on possible career paths.

Alongside teaching, she had been working diligently on her dissertation, which has been published in high impact journals and focuses on computational catalysis, especially on understanding hydrocarbon transformations using ab initio microkinetic modelling.

Dr. Jalid hopes to use her expertise in addressing the sustainable development goals, by exploring alternative energy technologies and materials that can catalyse reactions towards creating a greener world. Besides this, with her knowledge and skill, she envisions to resolve problems related to the changing physio-chemical characteristics of the Dal Lake water in the future and focus on finding solutions towards local problems.

In 2018, Dr. Fatima was honoured with Gandhian Young Technological Innovation (GYTI) Award for her research in biomass derived platform chemicals, presented by the Honourable President of India. This year, she was selected as one of the 75 women in "She Is - 75 Women in Chemistry" by Beyond Black in partnership with the Office of Principal Scientific Adviser, Government of India and Royal Society of Chemistry.



About the Organizer



The Pune Knowledge Cluster (PKC) has been established by the Office of the Principal Scientific Adviser to the Government of India. It aims to bring together academia, R&D institutions, and the industry of Pune and its surrounding areas, to address the challenging problems of the region through innovative means, using scientific knowledge and engaging highly skilled human resources.

PKC is administered by the Inter-University Centre for Astronomy and Astrophysics (IUCAA). In the initial phase, PKC would focus on Health, Sustainability and Environment, Sustainable Mobility, BIG Data and AI and Capacity Building.

For more information, visit: <https://www.pkc.org.in/>



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