

# Empowering Women in STEM: Bridging Opportunities in Jammu and Kashmir

Venue: EMMRC Auditorium, University of Kashmir

August 28<sup>th</sup> 2024

9.00 – 10.00 am	<b>Registration</b>
<b>INAUGURAL SESSION</b>	
<b>10.00 – 11.30 am</b>	Welcome address by Head, Department of Botany Prof. Zahoor. A. Kaloo Relevance of workshop by Co-convenor, Prof. Aijaz Ahmad Wani <b>How do we empower women in academia Prof. Suman Kundu</b> Challenges faced by Women Prof. Nilofer Khan
<b>11:30–12:10pm</b>	<b>TEABREAK AND GROUP PHOTOGRAPH</b>

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SESSION		
DAY 1:		
<b>Session I</b>		<b>Chair:</b> Prof. Irshad A. Nawchoo  <b>Co-Chair:</b> Prof. Inayatullah Tahir
<b>12:10–12:50pm</b>	Bridging science and business ;navigating the path from innovation to industry  Dr. Suphiya Khan Deputy Director, Shriram Institute for Industrial Research, Gurugram	
<b>12.50 – 2.00 pm</b>	<b>LUNCH BREAK</b>	
<b>Session II</b>		<b>Chair:</b> Prof. Manzoor A. Shah  <b>Co-Chair:</b> Prof. Seema Singh
<b>2:00 – 2:40 pm</b>	<b>Mechanism-Based Drug Discovery in the Fight against Cervical Cancer: A Path to Innovation</b>  Prof. Aloo Nag South Campus, University of Delhi	
<b>2:40–3.20pm</b>	<b>Drug-Protein and Small Molecule-DNA Interaction</b>  Professor, Department of Chemistry IISER, Bhopal	
<b>3.20 – 4.00 pm</b>	<b>Tea Break/poster evaluation</b>	
<b>Session III</b>		<b>Chair:</b> Prof. M. Yaqoob Bhat <b>Co-Chair:</b> Dr. M. Arief. Zargar
<b>4.00 – 4.40 pm</b>	<b>New mysteries in microbiome research</b> Dr. Deepa Agashe NCBS, Bangaluru	

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	<b>DAY2:SESSION-I</b>	
<b>10:00 – 10:40 am</b>	<b>Keynote Speaker</b> <b>The Gap Between Education and Workforce Participation</b>  Dr. Madhu Dikshit Central Drug Research Institute, Lucknow	<b>Chair:</b> <b>Prof. Anzar A. Khuroo</b> <b>Co-Chair:</b> <b>Dr. Latief Ahmad Peer</b>
<b>10.40 – 11.10 am</b>	<b>Unravelling the Surface Phenomena in Catalysis - A Guide to Finding Catalysts that Work</b>  Dr. Fatima Jalid NIT, Srinagar	
<b>11:10– 11:30am</b>	<b>Tea Break</b>	
	<b>Day 2: SESSION - II</b>	
<b>11:30– 12:10am</b>	<b>Intellectual property rights and strategies for technology commercialisation</b> Sanjeeva Majumdar National Research Development Corporation, New Delhi	<b>Chair:</b> <b>Prof. Shajrul Amin</b> <b>Co-Chair:</b> <b>Dr. Irfan Rashid</b>
<b>12:10 – 12:50pm</b>	<b>Funding opportunities for women in STEM</b>  Dr. Vandana Singh DST, New Delhi	
<b>12:50 – 2:00pm</b>	<b>LUNCHBREAK</b>	
	<b>DAY2:SESSION-III</b>	
<b>2.00 – 02:40pm</b>	Empowering women; overcoming obstacles in tech innovation. Prof. Deepa Venkitesh IIT Madras	<b>Chair:</b> <b>Prof. Firdous Ahmad Khanday</b> <b>Co-Chair:</b> <b>Dr. Bakhtiyar Ahmad</b>
<b>2.40 – 4.00 pm</b>	Flash talks 1) Influence of poplar-based Agroforestry system on yield and quality parameters of baby corn varieties in north- western india. 2) Functional genomics approach-understanding the behavior of hidden candidate genes for drought tolerance in cereals 3) Metabolic approach for understanding properties of medicinal plants in jk 4) Unrevealing the surface phenomenon in catalysis –a guide to finding the catalysts that work 5) Assessment of seasonal variation in atmospheric pollutants along with meteorological parameters in an urban environment 6) Inhibition of mycobacterium proliferation in macrophages by diaryl ether derivatives of dehydrozingerone compound and repurpose drugs 7) Growth Patterns in different age groups of female rainbow trout .	<b>Convener</b> <b>Co-convener</b>

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<b>04:00 – 04:30pm</b>	<b>Panel Discussion</b> Discussing strategies for overcoming biases and challenges faced by women in the region and establishing supportive collaboration and mentorship Dean Academic affairs, Dean Research, Registrar, Prof. Zafar A. Reshi, Maryam Elizabeth, Roohi Mushtaq	
<b>04:30 – 04:45pm</b>	<b>Valedictory and announcement of flash talk and poster prize winners</b>	
<b>4.45 – 5.00 pm</b>	<b>Tea Break</b>	