

14<sup>th</sup> JK SCIENCE CONGRESS 2019  
 SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE FUTURE  
 December 20-22, December 2019  
 University of Jammu, Jammu

Date	Timing	Activity	Venue
<b>Day-1 20<sup>th</sup> Dec, 2019</b>	10:00 to 12:00 Noon	<b>Inaugural Ceremony</b>	<b>General Zorawar Singh Auditorium(GZSA)</b>
	12:00-12:30 pm	<b>Tea Break</b>	
	12:30- 1:15 pm	<b>Plenary Talk-1</b> <b>Speaker:</b> Dr. Dinesh Srivastava,Homi Bhabha Chair Professor, National Institute of Advanced Studies, Indian Institute of Advanced Studies Campus Bengaluru.  <b>Topic:</b> Scientific Research: A celebration of curiosity	<b>General Zorawar Singh Auditorium(GZSA)</b>
	1:15 - 2:15 pm	<b>Lunch</b>	<b>IN FRONT OF GZSA</b>
	2:30-3:00 pm	<b>Sessional Talk</b> <b>Speaker :</b> Dr.Prashanth N. Suravajhala, Sr. Scientist, Dept. of Biotechnology and Bio-informatics, BISR, Rajasthan <b>Topic :</b> Grand Challenges in Systems Genomics	<b>Life Sciences Seminar Hall (School of Biotechnology)</b>
	3:00-3:30pm	<b>Sessional Talk</b> <b>Speaker:</b> Prof.V.K.Garg <b>Topic:</b> Baseline Studies in the vicinity of a proposed Nuclear Power Station in Haryana	
	02:30-3:15 pm	<b>Sessional Talk</b> <b>Speaker :</b> Prof.Nand Kishore, Dept. of Chemistry, IIT Bombay <b>Topic:</b> Physicochemical insights into protein folding, ligand binding, aggregation and molecular partitioning in self assemblies: Implications in rational drug design	<b>Physical Sciences Brig. Rajinder Singh Auditorium(BRSA)</b>
		<b>Sessional Talk</b> <b>Speaker :</b> Prof.Mukut Mani Tripathi, BHU, Varanasi <b>Topic :</b>	<b>Mathematical Sciences Seminar Hall Computer Science &amp; IT</b>
	03:30 – 06.00 pm	<b>Oral/ Poster Presentations</b>	<b>Respective Departments</b>
	06.30 – 08.00 pm	<b>Cultural Program</b>	<b>GZSA</b>

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	8.15 – 9.15 pm	<b>Dinner</b>	<b>IN FRONT OF GZSA</b>	
<b>Date</b>	<b>Timing</b>	<b>Activity</b>	<b>Venue</b>	
<b>Day-2</b> <b>21<sup>st</sup> Dec. 2019</b>	10:00 – 10.45 am	<b>Vice Chancellor's Special Session</b>	<b>Brig. Rajinder Singh Auditorium(BRSA)</b>	
		<b>Speaker:</b> Prof. Manoj Kumar Dhar, Vice Chancellor, University of Jammu,Jammu <b>Topic:</b> Metabolic engineering of some high value plants		
	10:45-11:30 am	<b>Speaker:</b> Prof. Talat Ahmed, Vice Chancellor, University of Kashmir, Srinagar <b>Topic :</b> Rise of the Himalaya: its bounties and challenges		
	11:30-11:45 am	<b>Tea Break</b>		
	11:45-12:30 pm	<b>Speaker :</b> Prof. Anju Bhasin,Vice Chancellor, Cluster University of Jammu,Jammu <b>Topic:</b> Particle Physics a key driver of Knowledge and Technology: Sharing with Society		
	12:30- 1:15 pm	<b>Speaker :</b> Prof. R.K. Sinha, Vice Chancellor, SMVDU,Kakryal-Katra <b>Topic :</b> Biodiversity Conservation and Sustainable Development		
	1:30-2:30 pm	<b>Lunch</b>		<b>IN FRONT OF GZSA</b>
	2:30-3:00 pm	<b>Sessional Talk</b>		<b>Physical Sciences</b> <b>Brig. Rajinder Singh Auditorium</b>
		<b>Speaker:</b> Dr.Nandu B.Chaure, Dept. of Physics, Pune University, Pune <b>Topic:</b> Solar Photovoltaic Technology: Research and Development towards low-cost Solar Cell Devices		
		<b>Speaker:</b> Prof. A.N. Gill, Dept. of Statistics, IIT, Una <b>Topic:</b> Testimation of Exponential Location Parameter Under non-standard Conditions		
		<b>Speaker</b>	<b>Life Sciences</b>	

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		<b>Speaker:</b> Prof.Jagbir Singh Kirti ,Punjabi university Patiala <b>Topic</b> :Insects and their importance to mankind	<b>Seminar Hall School of Biotechnology</b>
	3:00-3:30 pm	<b>Speaker:</b> Prof. A.K. Sinha, Vice Chancellor, Chhatrapati Shivaji Maharaj University, Navi Mumbai <b>Topic: “Sustaining water resources through climate smart technologies and community participation”</b>	<b>Physical Sciences Brig. Rajinder Singh Auditorium(BRSA)</b>
		<b>Speaker:</b> Prof. R.K. Sharma, Dept. of Comp. Sc. &Engg., Thapar University <b>Topic:</b> Machine Learning: Past, Present and Future	<b>Mathematical Sciences Seminar Hall Computer Science &amp; IT</b>
		<b>Speaker:</b> Prof. Zafar Reshi, Dept. of Botany, University of Kashmir, Srinagar <b>Topic:</b> Understanding biological invasions from ecological, genetic and epigenetic perspectives for better management	<b>Life Sciences Seminar Hall School of Biotechnology</b>
	4:00 pm onwards	<b>Oral/ Poster Presentations</b>	<b>Respective Departments</b>  * Oral Presentations in Zoology and Home Science subject is shifted to Institute of Human Genetics (IHG) near GZSA.

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7:30 -9:00 pm	<b>Dinner</b>	<b>In Front of GZSA</b>
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Date	Timing	Activity	Venue
<b>DAY-3 22th Dec, 2019</b>	10:00 - 10:45 am	<b>Plenary Talk-II</b> <b>Speaker:</b> Prof. Lakshmi Rao, Scientist 'E' CCMB Hyderabad <b>Topic:</b> Understanding Different Facets of Chromosome Abnormalities: A Two Decade Cytogenetic Study and Indian Perspectives	<b>Brig. Rajinder Singh Auditorium(BRSA)</b>
	10:40 - 11:30 am	<b>Plenary Talk-III</b> <b>Speaker:</b> Dr. Manoj K. Gaur, Director IIT, Jammu <b>Topic:</b> E-Governance and ICT to achieve efficiency and scalability for growing Institutions, IIT Jammu experiences	
	11:30-11:45 am	<b>Tea Break</b>	
	11:45 – 12:30 pm	<b>Plenary Talk-IV</b> <b>Speaker:</b> <b>Speaker:</b> Prof. R. P. Tandon, University of Delhi, Delhi <b>Topic:</b> Science and Technology for 21st century	<b>Brig. Rajinder Singh Auditorium(BRSA)</b>
	12:30-01:15 pm	<b>Plenary Talk-V</b> <b>Speaker:</b> <b>Speaker:</b> Prof.Amitab Kundu, JNU, New Delhi <b>Topic:</b> Science Spirituality and Statistical Myths	
	1:00 -2:00 pm	<b>Lunch</b>	<b>IN FRONT OF GZSA</b>
	2:30 pm onwards	<b>Valedictory</b>	<b>General Zorawar Singh Auditorium</b>