<table>
<thead>
<tr>
<th>Date</th>
<th>Timing</th>
<th>Activity</th>
<th>Venue</th>
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<tbody>
<tr>
<td>Day-1</td>
<td>20th Dec, 2019</td>
<td>Inaugural Ceremony</td>
<td>General Zorawar Singh Auditorium(GZSA)</td>
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<tr>
<td>10:00 to 12:00 Noon</td>
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<tr>
<td>12:00-12:30 pm</td>
<td></td>
<td>Tea Break</td>
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<tr>
<td>12:30-1:15 pm</td>
<td></td>
<td>Plenary Talk-1</td>
<td>General Zorawar Singh Auditorium(GZSA)</td>
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<tr>
<td>Speaker: Dr. Dinesh Srivastava, Homi Bhabha Chair Professor, National Institute of Advanced Studies, Indian Institute of Advanced Studies Campus Bengaluru.</td>
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<tr>
<td>Topic: Scientific Research: A celebration of curiosity</td>
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<tr>
<td>1:15 - 2:15 pm</td>
<td></td>
<td>Lunch</td>
<td>IN FRONT OF GZSA</td>
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<tr>
<td>2:30-3:00 pm</td>
<td></td>
<td>Sessional Talk</td>
<td>Life Sciences Seminar Hall (School of Biotechnology)</td>
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<tr>
<td>Speaker: Dr. Prashanth N. Suravajhala, Sr. Scientist, Dept. of Biotechnology and Bio-informatics, BISR, Rajasthan</td>
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<tr>
<td>Topic: Grand Challenges in Systems Genomics</td>
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<tr>
<td>3:00-3:30pm</td>
<td></td>
<td>Sessional Talk</td>
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<tr>
<td>Speaker: Prof. V.K. Garg</td>
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<tr>
<td>Topic: Baseline Studies in the vicinity of a proposed Nuclear Power Station in Haryana</td>
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<tr>
<td>02:30-3:15 pm</td>
<td></td>
<td>Sessional Talk</td>
<td>Physical Sciences Brig. Rajinder Singh Auditorium(BRSA)</td>
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<tr>
<td>Speaker: Prof. Nand Kishore, Dept. of Chemistry, IIT Bombay</td>
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<tr>
<td>Topic: Physicochemical insights into protein folding, ligand binding, aggregation and molecular partitioning in self assemblies: Implications in rational drug design</td>
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<tr>
<td>03:30 – 06.00 pm</td>
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<td>Oral/ Poster Presentations</td>
<td>Respective Departments</td>
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<td>06.30 – 08.00 pm</td>
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<td>Cultural Program</td>
<td>GZSA</td>
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<td>Date</td>
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<td>Day-2</td>
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<tr>
<td>21st Dec. 2019</td>
<td>8.15 – 9.15 pm</td>
<td>Dinner</td>
<td>IN FRONT OF GZSA</td>
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<td>Registered Participants’ Dinner</td>
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<td>Date</td>
<td>Timing</td>
<td>Activity</td>
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<tr>
<td>Day-2</td>
<td>10:00 – 10.45 am</td>
<td>Vice Chancellor’s Special Session</td>
<td>Brig. Rajinder Singh Auditorium(BRSA)</td>
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<td></td>
<td></td>
<td>Speaker: Prof. Manoj Kumar Dhar, Vice Chancellor, University of Jammu, Jammu</td>
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<td>Topic: Metabolic engineering of some high value plants</td>
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<tr>
<td>Day-2</td>
<td>10.45-11:30 am</td>
<td>Speaker: Prof. Talat Ahmed, Vice Chancellor, University of Kashmir, Srinagar</td>
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<td>Topic: Rise of the Himalaya: its bounties and challenges</td>
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<td>Day-2</td>
<td>11:30-11:45 am</td>
<td>Tea Break</td>
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<tr>
<td>Day-2</td>
<td>11:45-12:30 pm</td>
<td>Speaker: Prof. Anju Bhasin, Vice Chancellor, Cluster University of Jammu, Jammu</td>
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<td>Topic: Particle Physics a key driver of Knowledge and Technology: Sharing with Society</td>
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<tr>
<td>Day-2</td>
<td>12:30- 1:15 pm</td>
<td>Speaker: Prof. R.K. Sinha, Vice Chancellor, SMVDU, Kakryal-Katra</td>
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<td>Topic: Biodiversity Conservation and Sustainable Development</td>
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<tr>
<td>Day-2</td>
<td>1:30-2:30 pm</td>
<td>Lunch</td>
<td>IN FRONT OF GZSA</td>
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<tr>
<td>Day-2</td>
<td></td>
<td>Sessional Talk</td>
<td>Physical Sciences</td>
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<td>Speaker:</td>
<td>Brig. Rajinder Singh Auditorium</td>
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<td>Dr. Nandu B. Chaure, Dept. of Physics, Pune University, Pune</td>
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<td>Topic: Solar Photovoltaic Technology: Research and Development towards low-cost Solar Cell Devices</td>
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<td>Day-2</td>
<td>2:30-3:00 pm</td>
<td>Sessional Talk</td>
<td>Mathematical Sciences</td>
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<td>Speaker:</td>
<td>Seminar Hall</td>
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<td>Prof. A.N. Gill, Dept. of Statistics, IIIT, Una</td>
<td>Computer Science &amp; IT</td>
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<td>Topic: Testimation of Exponential Location Parameter Under non-standard Conditions</td>
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<tr>
<td>Day-2</td>
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<td>Speaker:</td>
<td>Life Sciences</td>
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<tr>
<td>Time</td>
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<td>3:00-3:30 pm</td>
<td>Prof. A.K. Sinha, Vice Chancellor, Chhatrapati Shivaji Maharaj University, Navi Mumbai</td>
<td>“Sustaining water resources through climate smart technologies and community participation”</td>
<td>Physical Sciences Brig. Rajinder Singh Auditorium(BRSA)</td>
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<td>Speaker:</td>
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<td>Prof. R.K. Sharma, Dept. of Comp. Sc. &amp;Engg., Thapar University</td>
<td>Machine Learning: Past, Present and Future</td>
<td>Mathematical Sciences Seminar Hall Computer Science &amp; IT</td>
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<td>Speaker:</td>
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<td></td>
<td>Prof. Zafar Reshi, Dept. of Botany, University of Kashmir, Srinagar</td>
<td>Understanding biological invasions from ecological, genetic and epigenetic perspectives for better management</td>
<td>Life Sciences Seminar Hall School of Biotechnology</td>
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<tr>
<td>4:00 pm onwards</td>
<td><strong>Oral/ Poster Presentations</strong></td>
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<td>Respective Departments</td>
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<td>* Oral Presentations in Zoology and Home Science subject is shifted to Institute of Human Genetics (IHG) near GZSA.</td>
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14th JK SCIENCE CONGRESS 2019  
SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE FUTURE  
December 20-22, December 2019  
University of Jammu, Jammu

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