



JK Science Congress 2025 (JKSC-2025)

Redefining Scientific Frontiers: Innovations, Entrepreneurship and the Fusion of Indian Knowledge System

(20th - 21st November, 2025)

Organised by

**Padam Shri Padma Sachdev Government College For
Women, Gandhi Nagar, Jammu**

in collaboration with

J&K Science, Technology & Innovation Council

 **(JKST&IC), Department of Science & Technology, J&K**

Nov. 20th

9 AM



Nov. 21st

10 am



Venue

**PSPS Government College
For Women, Gandhi Nagar,
Jammu, J&K(UT)**

Keynote Speakers



CHIEF PATRON
Ms. Sakina Itoo
Hon'ble Minister for
Department of Higher Education



VICE CHIEF PATRON
Shri Shantmanu, IAS
Financial Commissioner (Additional
Chief Secretary), Department of
Higher Education



PATRON
Prof. (Dr.) Sheikh Ajaz Bashir
Director Colleges
Department of Higher Education



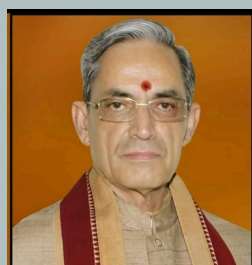
CO-PATRON
Dr. Geetanjali Andotra
Principal, PSPS Govt. College For
Women, Gandhi Nagar, Jammu



Dr. Raj Setia
Senior Scientist
Punjab Remote
Sensing Centre,
Ludhiana, Punjab



Prof. R. D. Sharma,
Former Vice-
Chancellor,
University fo Jammu



Padam Shri
Prof. Vishwa Murti
Shastri
Former Director &
Nominee Chancellor,
Central Sanskrit
University, New Delhi

Invited Speakers



Dr Akash Sharma
Professor SKUAST
Jammu JK



Prof Garima Gupta
Professor of English
Head, Department of
Journalism and
Media Studies
University of Jammu



Dr. Qazi Naveed
Ahmed
Head & Senior
Principal Scientist,
Head Natural Products
& Medicinal Chemistry
Division,
CSIR - IIIM, Jammu.



Invited Speakers



Sh. P. P. Singh
Sr. Principal Scientist
Natural Products &
Medicinal Chemistry
Division
CSIR - IIIM, Jammu



Dr. Arvind Kumar
Ishar, Chief Scientist
(Entomology) &
Head, KVK Rajouri
(SKUAST-J)



Dr. Pankaj Biswas
Senior Assistant
Professor,
Faculty of
Sciences
SMVDU, Katra



Dr Vinita Sharma
Assistant Professor -
Senior Scale
Central University of
Jammu



Dr. Ashok Kumar
Assistant Professor
Central University of
Jammu



Dr. Ajay Singh
Dadwal, Associate
Professor Physics
GGM Science
College, Jammu

Advisory Committee (External)

1. Prof.(Dr) Manoj K Dhar, Director, Academy of Scientific and Innovative Research (ACSIR) Gaziabad.
2. Prof.(Dr.) S.K. Chandrasekar, Vice-Chancellor, Cluster University of Jammu, Jammu
3. Prof. (Dr.) Nalini Kohli, Retd. Director Colleges, Higher Education Department, JK (UT)
4. Prof. (Dr.) Sushil K Pandey, Professor, Department of Chemistry, University of Jammu
5. Prof. (Dr.) Meena Sharma, Professor, Department of Chemistry, University of Jammu
6. Prof. (Dr.) Kiran Bakshi, Retd. Principal, Higher Education Department, JK (UT).
7. Prof. Meenu Mahajan, Chairperson, JKBOPEE, JK(UT)
8. Prof. (Dr.) S. P. Saraswat, Retd. Principal, Higher education Department, JK (UT).
9. Prof. (Dr.) Nutan Resutra, Retd. Principal, Higher education Department, JK (UT).
10. Prof. (Dr.) Twinkle Suri, Dean Academic Affairs (DAA), Cluster University of Jammu
11. Prof. (Dr.) Ravinder Tickoo, Principal (Nodal), GCW Parade, Jammu.
12. Prof. (Dr.) Romesh Kumar Gupta, Principal, G.G.M Science College, Jammu.
13. Prof. (Dr.) Rajinder Singh, Principal, SPMR College, Jammu.
14. Prof. (Dr.) Archana Koul, Principal, Govt. MAM College, Jammu
15. Prof. (Dr.) Jyoti Parihar, Principal, Govt. College of Education, Jammu

Advisory Committee (Internal)

1. Prof. Archana Bakshi
2. Prof. Surinder Singh
3. Dr. Renu Anand
4. Prof. Rashi Gupta
5. Prof. Samriti Aggarwal
6. Prof. Shifali Abrol
7. Dr. Anuradha Seth
8. Dr Rabia Javed
9. Dr. Bindu Chib
10. Dr. Taahira shah
11. Dr.Naresh Sharma
12. Prof. Urmila Rani
13. Dr. Nidhi
14. Prof. Paramjit Singh
15. Dr. Babita Jamwal

Organising Committee (External)

1. Addition Director, JKSTIC, Department of Science & Technology.
2. Joint Director, JKSTIC, Department of Science & Technology.
3. Assistant Director, JKSTIC, Department of Science & Technology.

Funding Agency



J&K Science Technology & Innovation Council
(JKST&IC), Department of Science & Technology, J&K (UT)

Organising Committee (Internal)

1. Dr. Aran Kumar (Convener & Organising Secretary)
2. Dr. Rawan Kumar
3. Dr. Rahul Sharma
4. Prof Arjun Kotwal
5. Dr. Rippy Bawa
6. Prof. Suman Bala
7. Dr. Vijender Kumar
8. Dr. Manmeet Kour
9. Dr. Rakesh Choudhary
10. Dr. Vinod Kumar

Venue

PSPS Govt College for Women
Gandhi Nagar Jammu.
Email ID :
gcwgandhinagar@gmail.com

Location Link

[PV55+H33 Padma Shri Padma Sachdev Government PG College For Women, Gandhinagar, Jambah, Jammu, Jammu and Kashmir 180004](#)

Contact Us

1. Prof. Arjun Kotwal
Email: kotwalarjun@gmail.com
Mob. 9622174609
2. Dr. Vijender Kumar
Email:
dr.vijenderkumar80@gmail.com
Mob. 9906071473
3. Prof Suman Bala
Email: bala11suman@gmail.com
Mob: 7006719260
4. Dr Rakesh Choudhary
Email: ch.rakesh1889@gmail.com
Mob. 9419126667

JKSC-2025: ABOUT THE ORGANIZERS

**J&K Science,
Technology &
Innovation Council
Department of Science
& Technology**

The office of the Council is located at 5-B/C Gandhi Nagar Jammu office) and Tawanai Ghar SDA Colony, Bemina, Srinagar (Kashmir Office). J&K Science, Technology Innovation Council (erst-while J&K Council for Science & Technology) was established during the year 1989 under Department of Science & Technology J&K government, with the objective of promotion and dissemination of science, technology and innovation in the UT of J&K, JK Science Technology & innovation council also plays role of a nodal Department for organising and promoting S&T activities across the length and breadth of J&K. The council's goal is to foster and inspire passion for science in the brightest minds of the region including students, scholars, researchers, innovators, faculty members and industrialists etc.

JKSC-2025 INVITATION

J&K Science Technology & Innovation Council (J&K ST&IC) and Government College for Women Gandhi Nagar Jammu are jointly organising Two-Day "JK Science Congress-2025", celebrating the spirit of curiosity and discovery. The goal is to foster and inspire a passion for science in the brightest minds of the region including students, scholars, researchers, faculty members and industrialists. Throughout the event, the participants would have the chance to engage with eminent speakers from around the country, explore diverse cultures and gain valuable insights into scientific endeavours. The event promises to be especially fascinating providing a platform for the participants to showcase their groundbreaking experimental findings. Distinguished scientists from all over India will also be in attendance both in offline and online mode and will be sharing their expertise and insights in the field.

Stalls would be installed for the innovators, researchers to showcase their technological innovations besides for poster presentations. Various categories of awards are expected to be announced by the JKST&IC during the event. We hope that participating in this event will be a source of inspiration and motivation for the participants, especially the budding youth and will spark in them curiosity and discovery. This shall also attract them towards a future of scientific progress and collaboration. The participants will also be able to establish long lasting connections which will definitely help them in their futuristic endeavours.

The theme of the event "Redefining Scientific Frontiers: Innovations, Entrepreneurship and the Fusion of Indian Knowledge Systems" perfectly depicts the advancements the science has witnessed since decades and reflects our belief that more scientific progress can be achieved through collaboration and transcending societal borders. Science can make things happen and future possibilities will be pivotal in shaping human life unimaginably.

We cordially extend our invitation for participation in the event. The JKSC-2025 is open to scientist researchers, scholars, innovators and UG/PG students of the science streams. Furthermore, this event also offers a chance to conduct oral and poster presentations as well as plenary discussions to examine new prospects in the scientific fields.

**Padam Shri Padma
Sachdev (PSPS)
Government College
For Women, Gandhi
Nagar**

PSPS Government College for Women, Gandhi Nagar, Jammu, A Constituent College of Cluster University of Jammu was established in September 1969 by the Government of Jammu and Kashmir in response to the growing demand for women education in Jammu. The college spreads over 186 Kanals of land and is located in the heart of the city, just three kms from Airport and Jammu Tawi Railway Station. The college has been graded A++ in 2024 by National Assessment and Accreditation Council (NAAC). The College at present imparts education in 22 Major Subjects under Four Year Undergraduate Program, FYUGP (NEP 2020). Hope every participant will enjoy the city of temples.

WHY TO JOIN JKSC-2025

Renowned scholars and experts from various disciplines will deliver keynote addresses and speeches and will be sharing their insights and experiences in promoting the field of science. Participants will have opportunities to establish network with fellow researchers and establish connections. Through this congress students & scholars will be able to determine the direction of career by identifying new research opportunities. Similarly, academicians, research associates should help in defining the future of the coming generations in this field by strengthening their networks.

Guidelines for Oral Presentation

Oral presenters will be given opportunity for presentation in the technical sessions. It will be followed by Q/A would be 5 minutes for each presentation. The conveners of relevant sessions should receive a Power point presentation with no more than 12-15 slides.

Guidelines for Poster Presentation

Poster Presentation session will be held at a designated time. The size of the poster should not exceed 25 inch X 40 inch (1m X 1.5 m) with the following font sizes.

- Title 50 points Times Roman
- Authors 40 Points
- Affiliated Institution 14 Points
- Abstracts 18 Points
- Key words 18 Points

THEMES

- I. Scientific Innovation and Emerging Frontiers
 1. Next-Generation Technologies: AI, Quantum Computing, and Biotechnology
 2. Sustainability and Green Technologies for a Resilient Future
 3. Frontiers in Health Sciences: Integrating Genomics, Ayurveda, and Precision Medicine
 4. Neurosciences, Consciousness, and Cognitive Technologies
- II. Fusion of Indian Knowledge Systems (IKS) with Modern Science
 1. IKS and Modern Science: Dialogue, Synthesis, and Application
 2. Indigenous Technologies and Traditional Knowledge in Agriculture, Water, and Energy
 3. Ayurveda, Yoga, and Modern Biomedical Research
 4. Mathematics, Astronomy, and Metallurgy in Ancient India: Lessons for the Future
 5. Epistemologies of the Indian Knowledge System: Rethinking Science and Rationality
- III. Entrepreneurship and Innovation Ecosystems
 1. From Lab to Market: Bridging Research, Start-ups, and Industry
 2. Incubation and Innovation Hubs: The Indian Model
 3. Women and Youth Entrepreneurship in Science and Technology
 4. Policy, Finance and Ethical Dimensions of Scientific Entrepreneurship
 5. Grassroots Innovations: Frugal Science and Social Enterprise
- IV. Education, Ethics, and Policy Dimensions
 1. Reimagining STEM Education through IKS and Experiential Learning
 2. Ethics, Values and the Spirit of Inquiry in Scientific Research
 3. Open Science, Data Sovereignty and Global Collaborations
 4. Public Policy for Innovation and Science Diplomacy
 5. Scientific Temper and Civilisational Ethos in 21st Century India

JKSC-2025 CALL FOR ABSTRACT ORAL/POSTER PRESENTATION

The abstracts on any of the aforementioned theme areas or associated topics are invited from the participants. Besides, abstracts are also invited from the P.I.s and Co P.I.s of the projects funded by JKST&IC.

Kindly follow the below mentioned guidelines for the submission:

The abstracts should include:

1. Title- Bold; Times New Roman Size-14, Bold and Centered.
2. Author Name : Times New Roman Size-12 Bold and Centered.
3. Affiliated Institute: Times New Roman Size-10, Italics and Centered.
4. Main Body (Abstract): 250 Words, Times New Roman Size-12 and Justified.
5. Keywords: Max. 06 in numbers, Times New Roman Size-12.
6. Email of the corresponding author(s) followed by their affiliation
7. The Abstract shall be submitted to gcwjks2025@gmail.com

JKSC-2025 Important Dates

Last Date of Registration
8th November 2025
Abstract Submission:
9th November 2025
Abstract Acceptance:
10th November 2025

REGISTRATION LINK/QR CODE

<https://forms.gle/SwSMjSTs547e9Y466>



PAYMENT LINK



Faculty Member
Rs 500/-
Research Scholar
Rs 200/-
PG Students
Free