

VISION & OBJECTIVES



J&K Science, Technology and Innovation Council

was Establishment During the Year

1989

to Achieve the Following

- » To Harness the potential and benefits of S&T as an instrument of socio economic change.
- » Promote S&T across Developmental sectors of the UT.
- » Science Popularization, Promoting Research and Development, S&T Entrepreneurship, S&T Innovation.
- » Establishment of "Centre of Excellences", "Biotechnology Parks, Science Centres, Innovation Hubs etc.

FLAGSHIP PROJECTS



SUB REGIONAL SCIENCE CENTRE SRINAGAR



REGIONAL SCIENCE CENTRE SRINAGAR

- Coming up over next three years
- NCSM and JKST&IC - Implementing agency.
- Estimated cost : Rs 20.00 Crores.
- Proposed Site at
 - » Lal Mandi, Srinagar Kashmir.
 - » Current Status: Land Development has been
 - » Initiated, Site Plan stands approved by
 - » NCSM, Department of Culture GOI & is expected to be completed in the FY 24-2023.

REGIONAL SCIENCE CENTRE JAMMU

- Coming up over next three years
- NCSM and JKST&IC - Implementing agency.
- Estimated cost : Rs 20.00 Crores.
- Site Identified at
 - » Birpur, Samba, Jammu.
 - » Current Status: Identification of Land is under-process with the Divisional Administration Jammu.



FLAGSHIP PROJECTS

INDUSTRIAL BIOTECHNOLOGY PARK

Handwara, District Kupwara, Kashmir

- Approved cost is Rs 42.66 cr
- JKST&IC Share is 12.66 cr
- DBT-Gol Share is 30.00 cr

Ghatti, Kathua, Jammu

- Approved cost is Rs 42.00 cr
- JKST&IC Share is 12.00 cr
- DBT-Gol Share is 30.00 cr
- **Current Status:** 60% of construction work has been completed in respect of the both biotechnology parks, and is expected to be completed in the FY 23-2022



BRIEF SCHEMES OF JK SCIENCE, TECHNOLOGY AND INNOVATION COUNCIL



1. SCIENCE POPULARIZATION

- Public awareness about the importance of S&T in everyday life. (Dissemination of scientific knowledge through awareness programs & competitions)
- Conferring awards to individuals for promotion of S&T.
- Sponsoring Conferences, Seminars, Symposia, celebrating Science Days & Weeks.
- Holding Science Congress/Agriculture Science Congress /Medical Science Congress/Women Science Congress.

2. TECHNOLOGY TRANSFER INTERVENTION SCHEME

The scheme is aimed at Transfer and dissemination of new and relevant Technologies in diverse fields like industry Agriculture, Horticulture, Rural Development, IT etc.

Main Activities

Introduction, Demonstration and Transfer of New Low Cost and Labour Efficient Technologies in varied fields of S&T. Technologies in Solid Waste, IT sector, Spatial Data infrastructure (Geo-Portal), Demonstration and transfer of rural Technologies, Development of People friendly Application/ Portals, etc.



BRIEF SCHEMES OF JK SCIENCE, TECHNOLOGY AND INNOVATION COUNCIL

3. SPONSORED RESEARCH AND EXTENSION PROGRAMME

The scheme is aimed at promoting and sponsoring Research Projects, scientific studies and surveys in various R&D and Technical institutions of UT.

Main Activities

- Sponsoring of small and Medium level and short term Scientific Studies/ Research Projects upto 2 years duration.
- During FY 22-2021 JKST&IC has sponsored around 123 R&D Projects/Scientific Surveys in different R&D institutions/Colleges/ Universities

4. SCIENCE TALENT PROMOTION SCHEME

The scheme is aimed at encouragement of Scientific Talent and Development of Human Resource Development by awarding Scholarships, Fellowships, Science Awards, etc

Main Activities

Award of science/ merit scholarships at 8th,12+ ,10+ and PG levels, Fellowship of 6-3 months to the students/ working scientists , science Awards to the Researchers/ working scientists of J&K.



BRIEF SCHEMES OF JK SCIENCE, TECHNOLOGY AND INNOVATION COUNCIL

5. SUPPORT FOR INNOVATION AND PATENT FILING SCHEME

The scheme is aimed at promotion of innovation and encouragement of Novel Ideas in Science and Technology & Support Patent filing etc.

Main Activities

- Workshops/ seminars on IPR Patent filing awareness programmes Assistance to innovators for development of prototypes and Patent Filing charges/fees, JK Innovators meet. etc. Innovation Camps, in different Educational, Technical and R&D Institutes of the UT of J&K.
- During FY 22-2021 JKST&IC shall sponsor around 12 innovative Ideas in UT of JK under the supervision of Director NIT, Srinagar/ IIT Jammu.

6. ESTABLISHMENT OF INDUSTRIAL BIO-TECHNOLOGY PARKS SPONSORED BY DBT, GOI

The scheme is aimed at strengthening research and infrastructure facilities by way of Establishment of centres of Excellence in the fields of Bio- Technology. The Bio Technology park shall provide platform to the researchers, scientists, innovators, Enterprises to convert their research/ idea into the products and services by providing necessary infrastructure support accelerated commercial growth. In J&K the Bio Technology parks shall promote the conservation, cultivation, processing and commercial exploitation of rare Aromatic and Medicinal plants reserves in J&K, being rich in Bio-resource materials. The parks will also help the growers, farmers on value addition of the Bio products, Market linkages and post-harvest Management of the Aromatic and Medicinal products.



BRIEF SCHEMES OF JK SCIENCE, TECHNOLOGY AND INNOVATION COUNCIL

7. PROJECT K5000- (Establishment of Demonstration Farms)

Demonstration and Establishment of Aromatic and Medicinal plant Farms at District Kupwara in the first instance.

Main Activities

- The Establishment of Demonstration Farms of Aroma Cash Crops Project K5000- in District Kupwara is aimed at cultivating and setting up of Demonstration Farms of Medicinal and Aromatic Plants on Community owned/ Kacharai land in the District Kupwara at an estimated cost of Rs 500.00 lakhs.
- This project is a joint venture between CSIR – Indian Institute of Integrative Medicines (IIIM) and J&K Science, Technology and Innovation Council on 50:50 share basis.
- Under this project 1600 kannals of land has been brought under the cultivation of Aromatic & Medicinal Plants upto March 2021.

8. ESTABLISHMENT OF SUB REGIONAL SCIENCE CENTRE SPONSORED BY MINISTRY OF CULTURE GOI AT SRINAGAR

- The scheme is aimed at Establishment of Sub Regional Science Centres in UT of J&K. The Science Centre (Category II) project envisages setting up of a Science Museums, Planetarium, Innovation Hub and S&T Incubator etc.
- It will have both indoor and outdoor scientific exhibits for the student community, planetarium and other facilities.
- The centre shall foster an environment for research, Developing innovations and their prototyping.
- The Centre shall have both Educational and Recreational appeal and shall unleash enormous value addition in science learning for the larger benefits of the student community.



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Azadi Ka
Amrit Mahotsav

NEW INITIATIVES

- 1. ESTABLISHMENT OF RESEARCH INSTITUTE FOR CLIMATE CHANGE & ENERGY (A CENTRE OF EXCELLENCE)** with an aim to Generate and Disseminate Research & Independent Holistic Information & Opinion on CLIMATE CHANGE & ENERGY ISSUES.
- 2. ESTABLISHMENT OF PATIENT INFORMATION CENTRE IN COLLABORATION WITH DST, Gol.**
- 3. ESTABLISHMENT OF WOMEN TECHNOLOGY PARKS IN COLLABORATION WITH DST, Gol,** Where all necessary support is made available to Women form a single platform for improving the livelihood through application of Science & Technology.
- 4. ESTABLISHMENT OF INSTITUTE OF FORENSIC SCIENCES** with an aim to educate and train students through Graduate/Post-Graduate/ Doctorial Degrees and Short-Term Training Programmes, currently JKUT does not have any such facility/institution available. The Proposed Centre shall be joint venture of JKST&IC, DST, Gol & Universities of JK.
- 5. BUILDING HUMAN RESOURCES AND LABORATORY INFRASTRUCTURE** for preparing Youth of J&K with Science & Technology background for absorption in industries in the field of Electronics System Design & Manufacturing-System on Chip. In this regard, matter has been taken up with IIT-Jammu, Mumbai, CII, various colleges under higher Education and DST, Gol.
- 6. ESTABLISHMENT OF INNOVATION HUB IN COLLABORATION WITH NCSM KOLKATA:** An innovation is place which provides facilities to nurture new ideas and health develop inquisitive prospective in youth.