

**J&K STATE COUNCIL & TECHNOLOGY**  
**DEPARTMENT OF SCIENCE & TECHNOLOGY**  
**Summer capital (May-Oct), H.N. 152 Karan Nagar SRINAGAR.**

**Open Call for Research Proposals**

J&K State Council for Science and Technology R&D invites research proposals from Scientists, researchers, technocrats and academicians working in various research institutes, universities and development departments of the state for undertaking research to address the following thematic fields identified for this call for research proposals:

- a) Climate change and its impacts on various resources in J&K Himalayas particularly snow, glacier and agriculture resources
- b) Climate change impacts on livelihoods and adaptation strategies
- c) Disaster risk reduction particularly landslide risk assessment along the National highways in the state, flood vulnerability assessments and seismic microzonation.
- d) Identifying the point and non-point sources of pollution for urban, rural and high altitude lakes of the state to develop robust conservation and restoration strategies
- e) Extreme weather events like Leh Cloud burst and similar phenomena
- f) Assessing the causal factors for the changing water quality and quantity of springs in south Kashmir to develop conservation strategies.
- g) Renewable and sustainable energy resources particularly hydropower generation and its impacts on environment, energy efficiency and bringing down the energy transmission and distribution losses in the state.
- h) Assessing the pesticide pollution in the horticulture and its impacts on the human health
- i) Watershed management strategies for the conservation of land and water resources at watershed scale
- j) Air quality monitoring and assessment in Srinagar and Jammu cities

**PROCEDURE FOR SUBMISSION OF proposals**

- i. Applications both in hard (ten copies) and soft version (one) must be sent in registered sealed cover to Joint Director(M) Science and Technology, HNo.152Karan Nagar ( Gole Market,) Srinagar,so as to reach on or before 31st of October 2011
- ii. Applications forms incomplete in any respect will be summarily rejected
- iii. Prescribed formats can be down loaded from the S&T Council Website [jksandtcouncil.nic.in](http://jksandtcouncil.nic.in) or obtained from the reception desk of J&K Science & Technology Council at H.N. 152 Karan Nagar Gole Market Srinagar

No: ST/C/2010/

Dated: -08-2011

**JOINT DIRECTOR (M)**

**FORMAT FOR SUBMISSION OF R & D PROJECTS PROPOSALS UNDER "SPONSORED RESEARCH & EXTENSION" PROGRAMME OF J & K STATE COUNCIL FOR SCIENCE AND TECHNOLOGY DEPARTMENT OF SCIENCE AND TECHNOLOGY JAMMU/SRINAGAR**

**Part – I (General)**

1	PROJECT TITLE:		
2	AREA OF SPECIALISATION (SPECIFIC):		
3	BROAD SUBJECT		
4	NAME OF PRINCIPAL INVESTIGATOR		
5	Date of Birth :		
6	Sex		
7	NAME OF THE INSTITUTION		
8	ADDRESS OF THE PRINCIPAL INVESTIGATOR	official postal address	
		Residential postal address	
		E-mail:	
		Phone/mobile number	
		Fax number	
9	DESIGNATION OF THE CO- INVESTIGATOR		
1	NAME OF CO- INVESTIGATOR		
1	Date of Birth :		
1	Sex		
1	NAME OF THE INSTITUTION		
1	ADDRESS OF THE CO- INVESTIGATOR OR	official postal address	
		Residential postal address	
		E-mail:	
		Phone/Mobile number	
		Fax number	
1	DESIGNATION OF THE CO- INVESTIGATOR		
1	DURATION OF THE PROJECT		
1	TOTAL BUDGET:		
1	BUDGET BREAK UP:		
	a) Budget for Ist year		
	b) Budget for IIInd year		
	c) Budget for IIIrd year		

**PART- II TECHNICAL DETAILS OF THE PROJECT (Under the following heads on separate sheet)**

1	ORIGIN OF THE PROPOSAL:	
2	Relevance of the topic/problem to the socio-economic needs of the State	
2	Specific aims and objectives of the project	
2	Justification for taking up the project,	
2	Possible/likely research outcome/ benefits	

	expected from the project to the state( <i>please specify</i> )	
2	WORKPLAN(Indicate precise Methodology ,Annual work plan and time schedule of project activities detailing year wise Milestones	
2	Review of the status of R & D in the subject at	
	a) international level	
	b) National level	
	c) State level	
2	Facilities already available: with PI/ the investigating team for carrying out/ undertake the project t	.
2	Facilities required for carrying out/ undertake the project	
2	Name, place/places in the state where actual work has to be conducted (attach a map).	
2	Professional research competency/Capability of the PI for carrying out/ undertake the project a)on-going R&D projects b)completed R&D projects b) Research work already done in the relevant field	(
3		

**PART III BUDGET ESTIMATES (YEAR-WISE BREAKUP OF BUDGET AND ITS JUSTIFICATION (RUPEES IN LAKHS)]**

	Ist Year	IIInd Year	IIIrd Year	IVTH Year	VTHYear	Total
<b>A Recurring</b>						
(1)Salaries/wagesofstaff(indicating designation &monthly Re-numerations)						
(2)stationary/Consumables(glassware & consumables)						
(3) Travels						
(4) Any other						
<b>Sub Total A</b>						
<b>B. Non recurring</b>						
(1) Equipment (Name of equipment with Estimated cost)						
(2) Miscellaneous						
<b>Sub Total B</b>						
<b>Grand Total (A + B):</b>						

**JUSTIFICATION FOR THE BUDGET ESTIMATES:**

	Budget item	JUSTIFICATION
1	Salaries/wages of staff	
2	STATIONERY/CONSUMABLE-	
3	TRAVEL-	
4	Any other	
5	EQUIPMENT (Please give justification for each	

	equipment.)	
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**PART-III NAME AND COMPLETE POSTAL ADDRESSES (WITH E-MAIL) OF THREE OR MORE EXPERTS IN THE SUBJECT**

1	Name and complete postal addresses (with e-mail) of three or more experts in the subject	
2		
3		
4		
5		

**PART-V BIODATA OF PI INVESTIGATORS AS PER BELOW PROFORMA**

1	Full name:	
2	Date of birth:	
3	Marital status:	
4	Designation with pay scale	
5	pay scale:	
6	Institution:	
7	Academic qualifications:	
8	professional qualifications:	
9	Details of past research/extension work	
10	List of publications a) Total Publications b) Publications during last five years c) Publications in the relevant field	
11	Countries visited	
12	Details about research projects. a) Awarded b) Completed c) On-going	

**PART-V BIODATA OFC0- INVESTIGATOR AS PER BELOW PROFORMA**

1	Full name:	
2	Date of birth:	
3	Marital status:	
4	Designation with pay scale	
5	pay scale:	
6	Institution:	
7	Academic qualifications:	
8	professional qualifications:	
9	Details of past research/extension work	
10	List of publications d) Total Publications e) Publications during last five years f) Publications in the relevant field	
11	Countries visited	
12	Details about research projects. d) Awarded e) Completed f) On-going	

**PART-V1 Declaration / Certification From The Investigator/Co Investigator (S)**

It is certified that: I/We agree to abide by the terms and conditions of the grant to be set forth by S&T including timely submission of progress report / annual Audited Statements of Accounts and Utilization Certificates.

Signature of Principal Investigator

Dated:-

Signature of Co-Investigator

Dated:-

Signature of Co-Investigator

Dated:-

**PART-V1I Declaration / Certification From The Head Of The Institution**

It is certified that:

- (a) That the Institute will under take full financial & administrative responsibility of the project
- a) The research work proposed in the project does not any way duplicate the work already done or being carried out else where on the subject.
- b) The same project has not been submitted to any other agency for financial support
- c) That the Institute will extended all administrative facilities to the investigator (s) as per terms and conditions of the grant, through out the duration of the project
- d) that the Institute welcomes participation of Shri/Smt as the Principal Investigator/Co-Investigator(s) for the project and that in the unforeseen event of discontinuance by the

Principal Investigator, the Principal Co-Investigator will assume the responsibility of the fruitful completion of the project (with due intimation to S&T Council).

- e) Necessary provision for the project will be made in the Institute /University e Budget in anticipation of the project for basic infrastructure facilities
- f) It is agreed by us that any patent(s) or industrial property right(s) or the invention(s) arising out of the project shall be taken in the name J&K State Council for Science & Technology.

Signature of Executive  
Authority of Institution/University  
With Seal & Date