



**Ministry of Science and Technology  
Department of Science and Technology  
(Policy Research Programme)**

**Call for Expression of Interest in STI Policy Research towards  
Establishment of Center for Policy Research (CPR)**  
*(Last Date for the submission: December 20, 2021)*

Department of Science and Technology (DST) has a mandate to develop and deliver the public policy support to strengthen the science, technology and innovations in the country. It has been realized globally that appropriate policy interventions in Science, Technology & Innovation (STI) sector boost up the social and economic developments of the nation. In this regard, DST has established Centres for Policy Research (CPRs) in premier institutions across the country during the 12<sup>th</sup> five-year plan. Currently three CPRs at Indian Institute of Science (IISc) Bangalore, Indian Institute of Delhi (IIT Delhi) and Panjab University (PU), Chandigarh are running with a specific mandate in a particular S&T Sector (Annexure-1). The evidence-based inputs generated by the CPRs so far have contributed significantly in drafting the new Science, Technology and Innovation Policy (STIP).

The excellent delivery of evidence-based input in a specific S&T area from these CPRs and the deliberations during the formulation of the new STI Policy have triggered the importance of establishing more such CPRs in other specific domains of STI Policy research. It is strongly felt over the period that the building capacity in certain thematic areas of national focus is important at this juncture to strengthen the STI policy research in the country. On the contrary, the connect between the CPRs to complement each other for developing a string evidence-base for the policy formulation process.

Through the present call for Expression of Interests (Eols), DST wish to support establishment of CPRs in new specific domains of policy research in potential institutions across the country to complement the currently ongoing policy research mechanism through the existing CPRs. Therefore, institutions having focus in STI Policy domain and also with existing policy research centres/cells may come forward and submit Expression of Interests (Eols) for establishing DST-Centres for Policy Research by choosing one or more areas of domain expertise of their institutions.

Following are thematic areas have been identified for inviting the Eol:

**List of thematic areas for inviting Eols for establishment of New CPRs:**

<b>Sl. No.</b>	<b>Broad Theme</b>	<b>Sub Themes</b>
1	Technical Higher Education	<ul style="list-style-type: none"> <li>• Attracting best talents to science</li> <li>• Capacity Building</li> <li>• Building Infrastructure</li> <li>• Vocational education</li> <li>• Digital A/V materials</li> </ul>
2	Research	<ul style="list-style-type: none"> <li>• Foundational Research</li> <li>• Translational Research</li> <li>• Industrial R &amp; D</li> <li>• Capacity Building including R&amp;D Infrastructure</li> <li>• Quality and significance of Research</li> <li>• Ease of doing Research</li> <li>• Engaged Research</li> </ul>
3	Technology Development and Transfer	<ul style="list-style-type: none"> <li>• Technology studies: Forecasting &amp; Assessment: Strategic, Disruptive, Futuristic and Sustainable Technologies</li> <li>• Technology Self-reliance</li> <li>• Technology indigenization</li> <li>• Indigenous technology development</li> <li>• Technology transfer</li> <li>• Ethics in Technology</li> <li>• Philosophy of Technology</li> </ul>
4	Innovation	<ul style="list-style-type: none"> <li>• Innovation studies: mapping, evaluation and impact assessment, drivers of innovation, innovation ecosystem approach, sectoral innovation, grassroot and frugal innovation, etc.</li> <li>• Strengthening Innovation Ecosystem</li> <li>• Mainstreaming Grassroots Innovations and Traditional Knowledge Systems</li> </ul>
5	S&T led Entrepreneurship/ Industries/ Start-ups/	<ul style="list-style-type: none"> <li>• Technology-led entrepreneurship</li> <li>• Startup ecosystem</li> <li>• Technology Business Incubations</li> </ul>
6	STI Diplomacy	<ul style="list-style-type: none"> <li>• STI for Diplomacy</li> <li>• Diplomacy for STI</li> <li>• STI for International Commitments</li> <li>• Mega Science participation</li> <li>• Engagement with Diaspora Communities</li> </ul>
7	STI Financing	<ul style="list-style-type: none"> <li>• Expansion of the STI Funding Landscape</li> <li>• R&amp;D expenditure</li> <li>• Industry Participation into R &amp;D</li> </ul>

		<ul style="list-style-type: none"> <li>• Innovative Financing Models</li> </ul>
8	STI Policy & Governance	<ul style="list-style-type: none"> <li>• Research and innovation governance</li> <li>• Industry-academia interaction, public-private partnership models</li> <li>• Strengthening System interconnectedness</li> <li>• Policy and Programme inter-linkages</li> </ul>
9	Science Communication	<ul style="list-style-type: none"> <li>• Science Communication</li> <li>• Public Engagement</li> </ul>
10	Open Science policies and framework	<ul style="list-style-type: none"> <li>• Access to knowledge and resources</li> <li>• Open Science policy</li> </ul>
11	STI Data and Data Governance	<ul style="list-style-type: none"> <li>• Data Archiving</li> <li>• Data access</li> <li>• Regulatory Framework</li> </ul>
12	Science Advice and Advocacy	<ul style="list-style-type: none"> <li>• Science Advice</li> <li>• Science Advocacy</li> </ul>
13	Sectoral STI	<ul style="list-style-type: none"> <li>• S&amp;T for sectoral development (Clean Energy, Health, Agriculture, Water, Environment, Climate Change, etc.</li> </ul>
14	Intellectual Property Ecosystem and other regulatory issues	<ul style="list-style-type: none"> <li>• IPR policy</li> <li>• Patent facilitation</li> <li>• IPR Vs. Open Science</li> </ul>
15	Equity and Inclusion (E&I) in STI sector	<ul style="list-style-type: none"> <li>• Institutionalizing E&amp;I in STI sector</li> <li>• Policy and guidelines for E&amp;I</li> </ul>
16	Any other area related to STI policy	

Note:

- i. *The EoI may be prepared with a focus on one or more thematic areas of expertise or institution from the list above.*
- ii. *The EoI should be brief and focused enough to express the interest of the institutions highlighting the thematic area(s) of focus.*
- iii. *The proposed thematic area(s) should complement the ongoing activities of the DST-CPRs and should avoid overlaps with these CPRs to the extent possible.*

DST is inviting an open call for the “Expression of Interests” in above identified S&T related thematic areas for pursuing policy research from government/private research institutions. The format for ‘Expression of Interest’ is given in **annexure-2**.

### **Submission of Expression of Interests**

The duly filled Eol should be sent through email to Dr. Akhilesh Gupta, Senior Adviser & Head, PCPM, DST ([akhilesh.g@nic.in](mailto:akhilesh.g@nic.in)), along with a copy to Dr Rabindra K. Panigrahy, Sc.-'D' ([rabindra.p@gov.in](mailto:rabindra.p@gov.in)), and Dr. Bhupendra K. Sharma, Sc.-'C' ([b.k.sharma83@gov.in](mailto:b.k.sharma83@gov.in)),. There is no need to send the hard copy. Last Date for the submission of the Eol is **December 20, 2021**.

For any further information related to this call/EOI, if needed, may please contact:

**Dr Bhupendra K Sharma**

Scientist C, PCPM division,  
Department of Science and Technology, Technology Bhawan,  
New Mehrauli Road, New Delhi-110016.  
([b.k.sharma83@gov.in](mailto:b.k.sharma83@gov.in), +91-11 26590-301)

or

**Dr. Rabindra K Panigrahy**

Scientist D, PCPM division,  
Department of Science and Technology, Technology Bhawan,  
New Mehrauli Road, New Delhi-110016.  
([rabindra.p@gov.in](mailto:rabindra.p@gov.in), +91-11 26590-441)

**List of DST- Centres for Science Policy Research currently under implementation**

<b>Sr No</b>	<b>Name &amp; Address of the Policy Centre</b>	<b>Name &amp; Address of the Coordinator</b>	<b>Specific focus/ theme Area of Policy Research Work</b>
<b>1.</b>	DST- Centre for Policy Research at IISc- Bangalore	<b>Prof. T. A. Abinandanan</b> Materials Engineering Indian Institute of Science, Bangalore-560 012 <a href="mailto:abinandanan@gmail.com">abinandanan@gmail.com</a> <a href="mailto:abinand@iisc.ac.in">abinand@iisc.ac.in</a>	1. Scientometric Analysis of Indian Institutions 2. Sectoral research performance and funding pattern analysis 3. Methods of Assessing Multi-Dimensional Impact
<b>2.</b>	DST- Centre for Policy Research" at IIT-Delhi	<b>Prof. AmbujSagar</b> Coordinator, DST- Centre for Policy Research at IIT-Delhi Indian Institute of Technology HauzKhas, New Delhi-110 016 <a href="mailto:asagar@hss.iitd.ac.in">asagar@hss.iitd.ac.in</a>	1. India's Innovation Mapping 2. Technology Transfer 3. Sectorial research study 4. Benchmarking study reports
<b>3.</b>	DST- Centre for Policy Research" at Panjab University, Chandigarh	<b>Prof. C Nirmala</b> Coordinator, DST- Centre for Policy Research Panjab University, Sector 14, Chandigarh, UT- 160014 <a href="mailto:cnirmalacpr20@gmail.com">cnirmalacpr20@gmail.com</a> ,	1. Study of policies and mechanisms that could promote to enhance and expand private sector participation in STI activities including industry - academia - R&D collaboration 2. Motivation and promotion of IP generation as a tool for enhanced Academia industry collaborations.

Government of India  
**Department of Science & Technology**  
Policy, Coordination and Programme Management Division  
Policy Research Programme

**FORMAT FOR SUBMISSION OF EXPRESSION OF INTEREST (EoI)  
FOR ESTABLISHING CENTRE FOR POLICY RESEARCH**

1. Name and contact details of the Coordinating person and other Team members (a brief bio-data of the Team not exceeding 250 words may be attached):
2. Name of the Institute/ Organization:
3. Name of the Head of the Institute/ Organization along with contact details (address, Phone, Fax, E-mail):
4. Broad Objectives/ mandate of the Institute/ Organization:
5. Expertise and facilities available with the Institute in the field of STI Policy Research:
6. A brief summary of significant contributions of the Coordinator and other Team members in the field of STI Policy related areas [*List of 10 best publications along with citation index and journal impact factor may be annexed*]:
7. Please indicate the STI Policy Research **Theme** of focus of the EoI for establishing the CPR:
8. Please provide a brief outline of the proposed Policy Research (*not exceeding 1000 words*) which may include [*Theme, Title of the project, Project team, Summary, Objectives, Approach/ Methodology, Work Plan, Expected Outcomes, Deliverables, Expected Budget (tentative), etc.*]:
9. Propose collaborations with other institutions as part of the proposal. May provide the details of the researcher along with institution(s) and their specific role(s):
10. Whether the Coordinator or any of the Team Members are associated with any other programme of DST? If so, please provide details such as: Name of programme; Title of the project, names of PI/Co-PIs, total sanctioned project amount, duration, etc.:
11. Any other relevant information: