



**Government of India**  
**Department of Scientific & Industrial Research**  
**Ministry of Science & Technology**  
**Access to Knowledge for Technology Development & Dissemination (A2K+) Studies**

**Call for Proposals**

The Department of Scientific & Industrial Research (DSIR) invites proposal from **Public Funded bodies or institutions having a distinct legal entity (as per Rule 228 of GFR 2017), such as institutions of higher learning in research and management, R&D institutions, Industry associations, chambers of commerce and industry, technical consultancy organizations, etc.** under the Access to Knowledge for Technology Development & Dissemination (A2K+) Studies programme.

*The objective of A2K+ Studies program is to support study reports in emerging areas of technology aimed at providing useful information and knowledge base to industry, industry associations, academia, research institutions, consultants, entrepreneurs, research students and policy makers for doing any further work in these areas; to study and analyse the developments in the emerging technology areas and document the findings, leanings and outcomes for wider dissemination; and preparation of status reports on technologies from public funded institutions, that are ready for commercialization with a view to catalyse the translation of research output from institutions to market. .*

**Proposal for study is invited on the following topics:**

- i. A study report on development of new building materials using agro-industrial waste like PVC Waste, Municipal Waste, Construction & Demolition waste, hospital waste, e-waste etc.
- ii. A study report on status of research on indigenous development of membranes for desalination of sea water/saline water.
- iii. A study report on research on indigenous development of membranes for sewage treatment to promote it's recycle and reuse.
- iv. Report on advanced building materials and building design towards energy efficient building.
- v. A report on ICT tools catering to a wide range of learners, including Children with Special Needs
- vi. Study report on development of cost effective technology/ instrumentation in waste management systems such as Sensor based bins, Sensor based automatic waste collection system through garbage chutes in residential buildings.

**Scope of the study:**

- a) The final report should be a go-to solution for stakeholders towards future research and commercialization strategy based on current national and global scenario.
- b) Report should capture elaborate discussion based on reliable references on future prospects, probable solutions, policy recommendations and regulations in the field in line with National vision.

**Duration of the study:** Up to 1 year

**SUBMISSION OF APPLICATION:** The prescribed application format can be downloaded from the website: <https://www.dsir.gov.in/#files/12plan/a2k/a2ks.html>. The Applicants should submit one hard copy of the proposal duly signed + one soft copy [MS Word file] through e-mail and by enclosing a pen drive to: **Dr.Sujata Chaklanobis, Scientist 'G' & Head (A2K+)**, Department of Scientific & Industrial Research, Ministry of Science & Technology, Technology Bhawan, New Mehrauli Road, New Delhi-110016. Email: [priya@nic.in](mailto:priya@nic.in) super scribing "**CONFIDENTIAL, A2K+ Studies**" on the document holder.

**For any queries, please contact:**

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**Last date for submission of proposals: 10/05/2022**