



**Department of Health Research  
Ministry of Health and Family Welfare  
Government of India**

**Expression of Interest (EoI)  
for  
Cancer Innovation health technology for  
“Health Technology Innovations in  
Cancer care – A technology sharing  
platform” workshop**

**Date of Issue: 12<sup>th</sup> August 2024**

## INVITATION for EXPRESSION OF INTEREST (EOI)

1. This is an invitation from Department of Health Research for submission of Expression of Interest for “**Health Technology Innovations in Cancer care – A technology sharing platform**” workshop planned to assess the innovative health technologies for cancer care.
2. The **Aim** of the workshop is to encourage the innovative health technologies in the domain of cancer care, who have obtained regulatory approval, to be assessed and facilitate their adoption in the national programmes such as, National Cancer Control Programme & the National Programme for Prevention and Control of Cancer, Diabetes, Cardiovascular Diseases and Strokes (NPCDCS). The Workshop will provide a platform for innovative health Technologies for cancer care.
3. **Objective of the workshop-**
  - Explore Emerging Technologies: To understand the latest technological advancements in cancer care, including diagnostic tools, treatment methods, and patient management systems – Innovators will be invited to submit their health technologies via call for proposals on DHR website
  - To assess the innovative health technologies for cancer care - Innovators will be asked to present the technology and experts will assess by scoring criteria
  - To Categorise the technologies for undertaking Health Technology Assessment
    - i. Green- Technologies will be taken up for Health Technology Assessment
    - ii. Light Green- Technologies will be facilitated for validation studies or field feasibility study along with Medtech Mitra.
  - To provide support for cancer care strengthening with Innovative health technologies with Health Technology Assessment

Innovative health technologies encompass a broad range of tools and techniques that improve the prevention, diagnosis, treatment, and management of cancer. These technologies are pivotal in:

- **Early Detection:** Advanced diagnostic tools can detect cancer at an early stage when it is most treatable.
- **Personalized Treatment:** Tailoring treatment plans to individual patient profiles, leading to more effective and targeted therapies.

- Improved Outcomes: Enhanced treatment methods and management systems contribute to better survival rates and quality of life for patients.

#### A- Diagnostic Technologies:

- Molecular Diagnostics: Utilization of genetic and molecular markers to identify specific cancer types and subtypes.
- Advanced Imaging: Innovations such as PET-CT, MRI, and functional imaging techniques provide detailed visualization of tumors.
- AI and Machine Learning: AI algorithms improve the accuracy of diagnosis by analyzing medical images and patient data.

#### B- Treatment Technologies:

- Targeted Therapy: Development of drugs that specifically target cancer cells while sparing healthy tissue.
- Drugs for cancer care
- Immunotherapy: Techniques that harness the body's immune system to fight cancer, including checkpoint inhibitors and CAR-T cell therapy.

The integration of innovative health technologies in cancer care holds tremendous potential to transform patient outcomes and enhance the quality of care. However, realizing this potential requires addressing accessibility, training, and ethical challenges. Continued collaboration among healthcare providers, researchers, technologists, and policymakers is essential to navigate these complexities and harness the full benefits of technological advancements in cancer care.

- In this regard, we would like to invite your expression of interest from Innovative products for cancer care to participate in this workshop.
- The last date to apply was 31<sup>st</sup> August 2024 and the date is extended to 21<sup>st</sup> September 2024**
- The Application format is placed at Annexure-1 and may be sent by mail to [b.senapati@nic.in](mailto:b.senapati@nic.in)
- Schedule for Invitation of EOI is given below :-

Sl. No.	Item of Information	Information
1.	Nodal Officer	Shri B.B.Senapati Director , DHR
2.	Contact Details of Nodal Officer	<a href="mailto:b.senapati@nic.in">b.senapati@nic.in</a> 011-23736090
3	Last date for submission	21 <sup>st</sup> September 2024

**Application format**

<b>1. Field of Innovation:</b> <input type="checkbox"/> drug <input type="checkbox"/> diagnostics <input type="checkbox"/> others	
<b>2. Title of the Innovation:</b>	
<b>3. Is the regulatory approval obtained for the product:</b>	
<b>4. Name of the company/ firm/organization:</b>	
<b>5. Name of the applicant (Principal Investigator):</b>	
<b>6. Official Address :</b>	
<b>7. Contact Details:</b>	
a) Phone Number/s :	b) Email ID:
<b>8. Short CV of the applicant: (not exceeding two pages)</b>	
<b>9. Relevant background about the product (not exceeding 100 words):</b>	
<b>10. Product Profile:</b>	

**11. Precise methodology followed during development of the product (not exceeding 500 words):**

**12. Anticipated impact of the product in cancer care management (not exceeding 100 words):**

**13. Which healthcare system can the product be implemented (not exceeding 100 words):**

**14. Preliminary evidence and publications on/ about the product:**

8. The scanned copies of documents in pdf version to be uploaded.

**Short Listing Criteria**

DHR will shortlist the innovators and call them for a presentation during the workshop and the Committee **will categorize the products for adoption by the National Cancer care program and for Health Technology Assessment.**

