Call for Investigator-Initiated Research Proposals for "ICMR Intermediate Extramural Grants" ("ICMR NISCHAYAK ANVESHAN Extramural Grants") 2027

No.: ICMR/IDC/EPMS/CallforProposal/2026 **Date: 06th November 2026**

Overview and purpose

Indian Council of Medical Research (ICMR) provides financial assistance to Indian scientists working outside ICMR institutes to conduct research in the fields of medicine, public health, and allied disciplines aimed at improving the health of Indians under its Extramural Research Programme.

The proposed research projects in response to this Call for Proposals are investigator-initiated, i.e. conceptualised and implemented by the Principal Investigator and her/his team of co-investigators. The project should be well-circumscribed, and time bound to achieve specific and measurable objectives. Multidisciplinary projects which aim to find solutions to priority disease and conditions (see table 1) will receive preference for funding. Research proposals that take forward leads from previous ICMR grants to fruition will also be given preference.

The following four types of research proposals will be considered for funding. Some indicative examples of each category are given below.

I. Discovery Research focuses on generating proof-of-concept studies and preclinical validation of novel diagnostic and therapeutic modalities, including the identification of biomarkers, antibodies, vaccine candidates, drug targets, and novel molecules such as phyto-pharmaceuticals, receptors, activators, and inhibitors. It includes drug discovery and drug delivery systems, non-animal and animal models, organoids, organ on-chip, biomaterials and personalized medicine including immuno-therapeutics and genomic medicine. The scope also includes AI-ML algorithms for drug and biomarker discovery, as well as proof-of-concept studies for cutting-edge devices, biosensors, and 3D-printed materials for medical applications.

II. Development Research aimed at developing interventions for screening, diagnosis, prevention, treatment of diseases/conditions or make existing interventions simpler, safer, more efficacious, or more affordable. Examples of such research includes development of Point of care tests, molecular diagnostic tests, medical devices, health technologies like artificial intelligence and machine learning predictive tools/models to solve health problems, phase-1 and phase 2/3 (or equivalent phase) clinical trials of vaccine and therapeutics etc.

III. Delivery Research or implementation research aimed at learning how to overcome barriers in delivering effective interventions to the people who need them. This will include health system-based interventions to scaleup access, and to successfully implement national health programmes or schemes, reducing inequity and improving quality of health care. Some examples include learning how to achieve single digit neonatal mortality rate in a district, how to integrate newer technological interventions into primary health care system to improve health and wellbeing of the population, how to optimize functioning of Ayushman Arogya Mandir (Health &

Wellness Centres) or how we can reduce treatment gaps for mental health conditions.

When submitting a delivery research proposal, it is essential for project investigators to possess a thorough understanding of delivery research and its various phases. The proposed intervention must be clearly articulated, and investigators should demonstrate a commitment to engaging stakeholders throughout the process. It is crucial to show the necessity of implementing the selected intervention in the specified settings, including the support from relevant parties and the alignment of the intervention with local needs. Additionally, applicants can access a series of online webinars on Delivery Research by the Indian Council of Medical Research (ICMR) on YouTube : https://www.youtube.com/watch?v=0Z8moYB7GIE&list=PL_GXps5ledc3YdW_7vE9HjEdyn1BHjsMU

IV. **Descriptive Research** aimed to understand the disease or condition including its burden, risk factors and determinants and pathogenesis mechanism will be funded if it generates information required for decision making on health problems where it is lacking. Some examples include study the relationship between long-term indoor and outdoor air pollution exposure and pregnancy outcomes, possible impact of PCV vaccination and pneumococcal diversity, etc.

Priority diseases or conditions: The research proposals dealing with the following priority conditions/diseases that align with above mentioned 4' Ds' of research will receive preference for funding.

Communicable Diseases (bacterial, viral, fungal, parasitic)	Non-Communicable Diseases (NCD)	Reproductive, Maternal and Child Health, Nutrition
One-health approach for infections of epidemic or pandemic potential	**Cancer**	Preconception care
Tuberculosis	Diabetes	Antenatal Care
Antimicrobial resistance	Cardio-vascular diseases	Intra and peri-partum care*
Malaria	Chronic respiratory illness*	Postnatal care
Vector-borne diseases (other than malaria)	Neurological Disorders	Preterm birth / low birth weight
Sexually Transmitted Infections including HIV	**Chronic kidney diseases**	Neonatal sepsis
Influenza and other Respiratory infections	**Common mental health disorders**	Early child development
Gastrointestinal infections including hepatitis	Chronic Gastroenterological / Liver diseases	Childhood Malnutrition, Breastfeeding and complementary Feeding*
Sepsis, meningitis, encephalitis	Trauma and Burns	Anaemia in women and children*
Urinary infections	Oral health problems	Common childhood diseases
Infections that may cause cancer	NCD risk factors e.g. diet, physical activity, alcohol, tobacco etc.*	Polycystic Ovary Syndrome & other reproductive health problems
	Blood disorders like thalassemia, sickle cell disease, clotting disorders etc.	Adolescent health*
	Eye diseases	Contraception and infertility
	ENT conditions	Transgender Health
	Genetic diseases, especially inherited rare diseases	

Over-arching:

- Medical Counter measures development (e.g Vaccines, Diagnostics, Therapeutics) against infections with outbreak potential
- Climate change – environmental risk factors & their impact on health*
- Oral Health
- **Ageing and elderly health**
- Disability and rehabilitation
- Nursing
- Medical education

Table 1:

*We encourage the researchers to submit proposals on these high-priority research areas.

Duration of the project and funding:

The budget for the project must range between **₹2 Crores to less than ₹8 Crores.** The project duration will be up to a maximum period of four years. An additional period of up to 6 months for preparatory activities (with no additional costs) can be incorporated in the project proposal.

Who can apply?

a. Principal Investigator who have regular employment in Indian Medical Institutes/ Research Institutes/ Universities/ Colleges/ recognized Research & Development laboratories/ Government and semi-government organizations and NGOs (documentary evidence of their recognition including DSIR certificate, as applicable should be enclosed with every proposal) may apply.

OR

b. A contractual/temporary faculty may apply as Principal Investigator in ICMR funded research projects from Indian Medical Institutes/ Research Institutes/ Universities/ Colleges/ recognized Research & Development laboratories/ Government and semi-government organizations and NGOs (documentary evidence of their recognition including DSIR certificate, as applicable should be enclosed with every proposal), subject to the following terms and conditions:

   i. The Head of the Institute must provide an undertaking stating that it will bear all the administrative and financial responsibilities with respect to the research proposal.

   ii. One of the Co-Principal Investigator of the project must be a regular employee of the institute.

   iii. The Principal Investigator will not draw any salary or remuneration from the project grant.

A proposal can be submitted for financial support through **ONLINE MODE ONLY** (https://epms.icmr.org.in).The research team should have the credentials for relevant skills, and experience and have demonstrated the ability to solve health problems under consideration.

Proposal Review Criteria

Domain	Maximum score
Background & rationale of the project – is it likely to solve a priority problem?	20
Possible impact – is it likely to have an impact on health outcomes?	20
Novelty/innovation – is the study developing or testing a new idea?	15
Methodology – are study methods appropriate to achieve the objectives?	30
Implementation strategy and milestones to be achieved – is the study feasible in a timely manner?	15

- The Project Selection Committee will give final scores taking into account reviewer's scores and comments of all committee members.
- The committee may also provide comments for further improvement of the project.
- Top ranked proposals in each priority area will be funded.
- The proposed Budget will be reviewed by experienced researchers and justification/modifications may be asked from the PI, if required.

Timelines

Activities	Dates	
Release of Call	06th November, 2026	
Submission of proposal	From	To
	20th November, 2026	20th January, 2027 , 1700 hours
Review and selection	February-April, 2027	
Proposal improvement & final submission of documents	May-July, 2027 (tentative)	
Final results	August, 2027 (tentative)	

ICMR e-PMS portal will accept proposals against Call for Investigator-Initiated Research Proposals for "ICMR Intermediate Extramural Grants" ("ICMR NISCHAYAK ANVESHAN Extramural Grants") 2027 between 20th November 2026 to 20th January 2027, 17:00 hrs IST.

Points to keep in mind

- If similar projects are submitted for both intermediate and small grants by a PI/research team, the intermediate grant proposal will NOT be reviewed.
- If the same research team submits similar projects in the same call, the last submitted proposal will be considered for reviewing, and the others will be rejected without review.
- The PI must not have more than five ongoing research proposals funded by ICMR or the sum of grant amount of more than ₹25 crores from the ongoing research projects funded by ICMR.
- ICMR scientists/institutes are not eligible to apply in this call. ICMR scientists may be named as co-investigators in these projects, but no funds will be given to ICMR institutions or scientists.
- Addition of CVs of PI & 3 Co-PIs permitted.
- The outcomes of the study should be published in the indexed (PubMed, Scopus, Web of Science) journals. Publishing in Indian journals e.g IJMR is encouraged.

Steps to Apply

1. ICMR ePMS portal (https://epms.icmr.org.in) for the submission of online proposal(s) will open from 20th November 2026.
2. After completing mandatory section of PI profile, click on:

Proposal submission → Click on **'Call for proposal'** → Click on the '**click here'** to apply new proposal against **Call for Investigator-Initiated Research Proposals for "ICMR Intermediate Extramural Grants" ("ICMR NISCHAYAK ANVESHAN Extramural Grants") - 2027** → Fill in the form step by step.

3. Kindly ensure that all sections are adequately filled with the necessary details.
4. Inclusion of at least one Co-PI from PI's institute is mandatory.
5. PI's are advised to submit proposals well ahead of the last date.
6. For any query related to the call, please mail to the addresses given below; other modes of communication won't be entertained.
7. A detailed manual for the submission is available under the Manual Section of the ICMR ePMS portal.

Technical concerns related to application process	**Any other concerns related to call**
Email: po.epms@icmr.gov.in	**Email: sidhartha.g@icmr.gov.in**

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Format for project proposal
PART-A

(No personally identifiable information for PI/institute should be included in part-A)

1. Title of the proposed research project: should be specific, concise and yet sufficiently informative.
2. Summary (up to 500 words): A structured summary should contain the following subheadings: Background, Problem statement and rationale of study, Key research question(s), Objectives, Methodology, and Expected outcomes.
3. Please select the most appropriate priority area from the list (Ref: Table-1), else select 'Other'.
4. Keywords: Six keywords separated by comma which best describe your project may be provided.
5. Abbreviations: List of all the abbreviations (maximum of 10) used in the proposal may be provided.
6. Background, including problem statement, and rationale of study (up to 1000 words).
7. Key Research question(s):
8. Study Objectives: Define the objectives (maximum 4): The objectives should be SMART (Specific, Measurable, Achievable with the project's budget and time, resourced within the project's budget, and time bound).
9. Methodology: Describe the research methods that could best achieve the study objectives under the following sub-headings (as applicable):
    a. Study design
    b. Study Area or Settings
    c. Study subjects
    d. Interventions
    e. Comparison
    f. Primary and secondary outcome measures
    g. Sample size estimation and sampling strategy
    h. Data Collection methods, instruments used, measurements
    i. Data quality assurance methods
    j. Data management plan

k. Data analysis plans

l. Ethical considerations

m. Does your project involve

i. Animal experiments?
ii. Humans as study participants?
iii. Biosafety concerns e.g. pathogens, recombinant microorganisms, radiations, etc.?
iv. CDSCO approvals e.g. for investigational new drugs, vaccines, devices, diagnostics?
v. Any others (please specify) (text box)

10. Project Implementation plan along with milestone chart (objective wise deliverable & timelines e.g. Gantt/ PERT chart). [Textbox & picture]

11. Any potential risk & challenges to success of this project and how you plan to address them.

12. Expected outcome/ Deliverables from the project i.e., what will be known at the end, if the project achieves all the stated objectives (up to 500 words).

Describe as applicable, whether the study is going to generate:

a. Publications

b. Patents

c. Health Technology

i. Proof-of-Concept
ii. Prototype Development
iii. Final Product, or a validated model

d. Public health impact (impact on public health program guidelines/policies)

e. Clinical care impact (impact on clinical care guidelines)

13. Please describe what the immediate next steps after the end of the project if study objectives are successfully achieved.

14. Have you taken help of Artificial Intelligence tools to write your proposal (Yes/No)

- (if yes, to what extent and in which component of proposal –textbox)

15. References (in American Medical Association (AMA) style)

PART-B

1. Details of Preliminary work done by the PI including the source of funding (up to 1000 words): Proof of concept (if any) [Addition of Field for Picture]
2. Skill and experience of the research team: Highlight only salient points (along with 5 relevant publications) that provides confidence to reviewers that the team can implement the project with quality.
3. Institutional Support/ Facilities: Share a brief note on inter-departmental or inter-institutional collaboration needed for study implementation. Do mention the role and responsibility of the PI and Co-PIs.
4. Laboratory facilities (in-vitro/ in-silico): Mention the institutional resources (such as animal house, instruments/ equipment etc.) available for use in the proposed project for participating institutes.
5. Additional supplementary information including figures, tables, flow diagrams, data collection tool etc. can be shared as PDF (maximum size 10 MB).
6. Budget: Budget should be as per ICMR guidelines available on the website. Justifications for all sub-headings under budget (as per ICMR format) are to be provided in detail. Without appropriate justification, the project will not be considered for review.
7. List up to two non-preferred reviewers for assessing your project:
    a. First Name
    b. Middle Name
    c. Last Name
    d. Designation
    e. Affiliation

Format for the short resume (PI/Co-PI)
(Addition of CVs of PI and three (3) Co-PIs are permitted)

a) Name of PI/Co-PI along with their affiliation	
b) Date of Birth	
c) Domain Expertise	
d) Number of articles in PubMed (Past 10 years)	
e) h-index	
f) Fellow of Academies	

g) Maximum of 10 primary research publications related to the proposal.

Publication details in AMA style	**Impact factor of journal**	**Author type (first, corresponding, co-author)**	**Name of policy/programme/ protocol document or patent/ commercialization of products where cited.**

h) Patent (s)

Title	**Patent filed or granted**	**Patent Number**	**Patent Agency**	**Patent Date**

i) Experience as Investigator (completed projects):

Short title of project (Max. 10 words)	Role PI/Co-PI	Funding agency	Amount of funding	Reference of main publications

j) All ongoing research projects:

Project ID	Title	Grant amount	Funding agency	Start Date	Duration of project

BUDGET

(Staff, Equipment, Contingency/Consumables and Travel allowance)

a) Staff/Manpower	
Sl. No.	Salary (As per ICMR Project guidelines)
Justification of Staff/Manpower*	

b) Equipment			
Sl. No.	Equipment Name	Estimated cost with appropriate supporting document	Justification*

c) Contingency/Consumables	
Detail	Breakup with Justification*
Year 1:	
Year 2:	
Year 3:	
Consumables	
Detail	Breakup with Justification*
Year 1:	
Year 2:	
Year 3:	

d) Travel Allowance	
Detail	Justification*
Year 1:	
Year 2:	
Year 3:	
Overhead charges(as per rules)	
GRAND TOTAL	

**Justification must be given in adequate detail; else the proposed budget item will be removed from the approved grant.*