

“Amrit Grand Challenge –जनCARE”
"Reimagining the Healthcare Delivery - Touching a billion lives"

(Implementation Guidance Document)



Biotechnology Industry Research Assistance Council (BIRAC)



Grand Challenges India (GCI)-BIRAC

NASSCOM®

National Association of Software and Service Companies (NASSCOM)

through



IKP Knowledge Park, Hyderabad

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1. About the Challenge

The banner features logos of various organizations at the top: Department of Biotechnology, Ministry of Electronics & Information Technology, BIRAC, Grand Challenges India, myGov, MeitY, L+HIF, NASSCOM, IKP, IITD Foundation, India Health Fund, and #startupindia. The main text reads 'AMRIT GRAND CHALLENGE' and 'जनCARE' with a logo of a person and a heartbeat line. Below this, it says 'REIMAGINING HEALTHCARE DELIVERY - TOUCHING A BILLION LIVES'. A circular graphic on the left says 'AWARDS FOR 75 HEALTHTECH INNOVATIONS!'. At the bottom, three boxes list the prizes: 60 Early-stage innovations (INR 10 Lakhs), 13 Late-stage innovations (INR 20 Lakhs), and 2 Advanced-stage innovations (INR 50 Lakhs). A small logo on the right says '75 आज़ादी का अमृत महोत्सव'.

AMRIT GRAND CHALLENGE

जनCARE

REIMAGINING HEALTHCARE DELIVERY
- TOUCHING A BILLION LIVES

AWARDS FOR
75
HEALTHTECH
INNOVATIONS!

60 EARLY-STAGE INNOVATIONS
get **INR 10 Lakhs** each
for Ideation and testing

13 LATE-STAGE INNOVATIONS
get **INR 20 lakhs** each
for Pre-commercialisation

2 ADVANCED-STAGE INNOVATIONS
get **INR 50 lakhs** each for
Multi-centric Product Deployment

75
आज़ादी का
अमृत महोत्सव

DBT/BIRAC, MeitY, and NASSCOM, in collaboration with Grand Challenges India (GCI) and several other partners, launched the Grand Innovation challenge program “Amrit Grand Challenge - जनCARE” with IKP Knowledge Park as its Implementation Partner. Amrit Grand Challenge-जनCARE is envisioned to identify 75 Digital Healthtech Innovations in Telemedicine, Digital Health, mHealth with Big Data, AI ML, blockchain and other technologies from Start-ups/Individuals/Companies for strengthening the Healthcare ecosystem in India, importantly in tier-2, 3 cities and rural settings. The challenge also focuses on affordability, accessibility and quality of services making the innovations more accessible in the primary healthcare sector, emphasizing Amrit Grand Challenge - जनCARE’s motto “Reimagining Healthcare Delivery -Touching a Billion Lives.”

2. Areas of Focus/Preferred Solutions

The platform is looking for technology interventions that can positively impact healthcare delivery especially the affordability, accessibility and quality of services. The grand challenge is open for below mentioned digital healthcare interventions, but not limited to:

- **Access to primary healthcare in tier-2, tier-3 cities and rural settings:**

Low cost/scalable/viable innovations with relevant lifespan, Synergy with physical & Digital/ Hybrid system for primary healthcare.

- **Solutions to enhance patient compliance:**

Patient tracking systems, Patient health record management, Patient enrolment system, Patient Triaging, Digital identity, Health protection & promotion/health education, Patient Compliance/ Homecare, and Entitlement of patients.

- **Health Data Collection, Predictive Analysis and Digital learning in medicine:**

Image-based diagnosis, clinical decision support system, Smart and connected hospitals, Disaster management, Early screening/ Tertiary Prevention/ Disability delay, Decision support system, Self-learning/training solutions, and Computation/ Predictive Analysis at local & global levels.

- **Data Privacy, Storage and Security Solutions:**

Federated learning models, Offline-online hybrid healthcare model, self-learning management systems, healthcare financing/insurance, Data Integration solutions, and Exchange of Information solutions.

- **Solutions for improved community outreach:**

Interventions to facilitate to/through Asha workers, Supply chain technologies, logistics, resource allocation tools, and a Digital bridge for a connected healthcare system.

- **Data-driven modeling to enable pharma/biopharma research development and Innovation:**

The solutions aligned with Ayushman Bharat and National Health Digital Mission (NHDM) will be the preference.

3. **Eligibility Criteria**

Essential Requirement:

- Every proposal must identify a Project Leader who will take responsibility for the technical and managerial aspects of the project execution. The Project Leader must be technically qualified to undertake the project. The project leader must have completed a basic graduation degree.
- If the proposal is shortlisted for the presentation in front of the Selection Committee, then the same Project Leader will be required to present the case for support. If the proposal is shortlisted for funding support, then the Project Leader will be required to sign the project agreement. The Project Leader should be an Indian citizen.

Individuals

- The primary applicant should be the Project Leader who meets the eligibility requirements mentioned above.
- If the applicant is formally employed (or registered as a student) with a non-profit academic or research organization, the applicant has to produce a No Objection Certificate (NOC) from the head of the organization indicating that the organization has policies in place to allow the applicant to accept the award (if successful) as an individual and has entrepreneurship supporting policies in place to enable its employee's creation of technology products for commercialization while in service/ sabbatical leave/ EOL (Extra Ordinary Leave)/ faculty entrepreneurship./etc
- If the applicant is formally employed with a for-profit company, the applicant has to provide a NOC from the head of the organization clearly indicating that the organization has entrepreneurship supporting policies in place to allow the applicant to accept the award (if successful) as an individual and has policies in place to allow its employees creation of technology products for commercialization while in service/ sabbatical leave/ EOL/ Alternatively, the applicant needs to apply as a Company.
- An individual who is a promoter shareholder of any company or one of the partners in any LLP will not be allowed to apply as an individual, irrespective of the percentage of shareholding of the applicant in the company. (In such a case, the application can be submitted through the company/LLP route, in case the company/LLP meets the required eligibility criterion as detailed below).

Company/Institutions/Limited Liability Partnership (LLP).

- The Company or LLP should be registered under the Indian Companies Act, 1956/2013 and The Limited Liability Partnership Act, 2008 respectively.
- A company is considered as 'Owned' by resident Indian citizen if a minimum of 51% of the capital in it is beneficially owned by resident Indian citizens and/or Indian Companies, which are ultimately owned and controlled by resident Indian citizens
- A Project Leader who meets the eligibility requirements mentioned above must represent the Company/LLP's application.
- An applicant company, in which any promoter holding more than or equal to 20% of the shares, is a co-promoter of another ineligible company or a partner in another ineligible company/LLP, then the applicant will be rendered ineligible. If an applicant is an LLP: An applicant LLP, in which any of the partners is also a partner in another ineligible LLP or is a co-promoter in another ineligible company, the applicant will be rendered ineligible.
- Academic Institutions and LLPs are eligible only in the Ideation category. Applicants from academic institutions (Public or Private Institute, University, NGO, or Research Foundation) should have a well-established support system for research. For Public or Private institutes, universities, NGOs, or Research foundations, submission of proper registration/ accreditation from a government body is mandatory like UGC affiliation certification AICTE, CSIR /DSIR/SIRO certificate/Bye-laws of society/Trust Deed etc whichever is applicable.
- For the late and advanced stage Innovations, only Private Limited companies are eligible.
- Entries can be submitted by existing (applicant) startups that can take the technology to the market either by themselves or in collaboration with another company.

4. Application Process & Timelines

- BIRAC-GCI, NASSCOM, along with several program partners launched Amrit Grand Challenge-जनCARE on 26th Jan 2022 on MyGov/BIRAC online portal.
- The call for proposal to remain open until 11th April 2022 ,5:30 pm.
- The applicant needs to apply only online to submit their application by registering and logging on the BIRAC portal: <https://birac.nic.in/>.
- Applicants are advised to submit their applications early without waiting for the last date, in order to avoid any last-minute contingencies. The system stops accepting applications automatically after 5:30 pm on the last date of application submission.
- Applicants are advised to provide sufficient application details to allow for an informed and fair evaluation/review. Applicants are advised to provide self-contained proposals. The Organizers may not seek missing information and documents if the application is submitted without the required information and document. This may hamper the chances of the selection process or may lead to disqualification.
- Only one application per individual and company or group of companies will be accepted irrespective of the number of proposals submitted/shortlisted for the final award. No changes will be accepted once proposals are submitted.
- Providing incorrect information will lead to outright rejection of proposals.
- If the Organizer finds out or is made to know that false information has been submitted by the applicant/company during the selection process or later, they will be disqualified; punitive measures including recovery of investments made can be undertaken.

5. Selection & Evaluation process

5.1. The evaluation process comprises of broadly the following steps:

- As a first step, applications will be screened for eligibility and appropriateness under the Amrit Grand Challenge-जनCARE”. This includes confirmation of details submitted as a part of the proposal about the project leader(resume), who must be a Graduate and Indian citizen, and completeness of the application.
- Selected eligible applicants will be further reviewed by selection committees based on their technical assessment, and stage of the innovation.

5.1.1. For the EARLY-STAGE INNOVATIONS (Grant award amount of INR 10 lakhs):

- Three Independent reviewers/experts will be assigned to each proposal for graded scoring
- For each reviewer, the score across each criterion will be normalized. In addition, the total scores of individual proposals for each reviewer will be normalized, and the mean and standard deviation will be computed and used to achieve a standard normal distribution for each criterion of each reviewer.
- The top 60 proposals will be shortlisted based on the review scores. Final selected applicants will be awarded a grant award of INR 10 lacs each subject to the completion of the due diligence process. A pool of waitlist proposals (Around 10) will be created based on the scores.
- **Amrit Grand Challenge-जनCARE” Jury Selection Committee** will be consulted regarding the quality of the top 60 proposals and selection of waitlist proposals.

5.1.2. For the LATE-STAGE INNOVATIONS (Investment of INR 20 lacs):

- All eligible proposals will be invited to make a presentation (Hybrid/online) before the Technical Committee.
- The final shortlisting will be done as per the Technical Committee recommendations 13 Companies will be selected for an investment award of INR 20 lacs each subject to the submission of relevant documents requested in the due diligence process. A pool of waitlist proposals (Around 5) will be created based on the committee recommendations.
- **Amrit Grand Challenge-जनCARE” Jury Selection Committee** will be consulted regarding the quality of the top 13 companies’ proposals and the selection of wait-list proposals.

5.1.3. For the ADVANCED-STAGE INNOVATIONS (Investment award of INR 50 lakhs):

- All the eligible proposals will be evaluated through an online review process similar to that described above for Early-Stage Innovations.
- The top 10 selected companies (based on scores) will be invited for an in-person face-to-face interview in Delhi or elsewhere. The final list will be made as per the Amrit Grand Challenge-जनCARE” Jury Selection Committee’s recommendations subject to the submission of relevant documents requested in the due diligence process.
- Two Companies will be selected for an investment award of INR 50 lakhs each. A pool of waitlist proposals (Around 3) will be created based on the committee recommendations.
- Selected list of proposals will be shared with the funding partners. The funding partners are required to give their order of preference for investment in the selected companies. In case of multiple partners opt for the same company, BIRAC will allot the companies and the decision will be final.

5.2 Criteria for Selection (to be shared with the reviewers/experts and technical, and selection committees)

- **FEASIBILITY** - Amrit Grand Challenge-जनCARE aims to address issues of India’s healthcare delivery, and hence the innovations must be enabled for integration into the existing system directly or with minimal changes. Feasibility of Scale would be an important parameter as the solutions aim to address India’s Healthcare system.
- **SUSTAINABILITY** - The value chain that is created around innovation must be sustainable. The technology must last a sufficiently long lifecycle against newer technologies that may arise. The innovation must have potential to stand the test of time and market forces.
- **ACCESSIBILITY** - The innovation must be accessible to the general public and easily adopted. Distribution, deployment and simplicity to the end-user are critical to making the innovation have an impact.
- **EXECUTION EFFECTIVENESS** - At the end of the proposed project, teams should be able to apply for follow-on-funding for the solution to progress to the next level. Emphasis will be given to achievable milestones proposed. The committee can recommend changes that are feasible for execution by the team within the given budget and available resources.
- **POTENTIAL SOCIETAL IMPACT** - Solutions should enable the goal of equitable healthcare for all.

In addition, for LATE & ADVANCED - STAGE INNOVATIONS, the decision making may include criteria including; roadmap clarity, team, work plan, readiness, commercial viability, and regulatory clearance

6. Funding Support

1. **Ideation and Testing stage:** Idea to Proof-of-Concept, Testing and standardisation as per product standards and Pilot validation
 - 60 Innovations to receive funding of INR 10 Lakhs Grant award each.
 - Project Duration: up to 8 months
 - Eligibility: Open to individuals (Indian citizens) and all categories of organizations (with 51% Indian ownership).
2. **Pre-commercialisation stage:** pivotal validation studies and field testing
 - 13 innovations to receive funding of up to INR 20 lakhs each.
 - Project Duration: up to 12 months
 - Eligibility: Startups & SMEs. Award support will comprise an equity component of up to 5%.
3. **Multi-centric Product Deployment stage:** Regulatory approvals, User training, Pre-& Post-market studies and product launch
 - 2 Advanced stage innovations to receive funding of INR 50 lakhs each
 - Project Duration: –upto 18 months
 - Eligibility: Startups & SMEs. An equity component of up to 5% other support .

Other Support:

Winners would also be incentivized through one or more provisions as following:

- Connection with state and central government programs
- Field validation opportunity through program partners
- Contact relationships with corporates, Investors and sector-specific subject mentor

- An opportunity for inclusion in the national health programs
- Regulatory facilitation
- Opportunity to compete for follow on funding based on merit.
- Mentorship & handholding by experts/ Industry/ Investors.

7. Roles and responsibilities

6.1 Responsibilities of BIRAC

- Inviting applications under the ‘Amrit Grand Challenge -JanCARE’ at BIRAC online portal.
- Signing agreements with the funding partners
- To oversee the program by Implementing partner-IKP
- Manage funds, including receiving funds from Partners, CSR and others for deploying in the program.
- Monitoring Program Milestones and the progress through updates received at regular intervals from IKP
- Provide necessary guidance and support in the overall execution of the program.
- Coordinate with government/ ministerial agencies/ departments for appropriate engagement.

6.2 Responsibilities of IKP Knowledge Park as Implementing Partner

- Initial Screening -will be conducted through an “Eligibility check”
- Conduct & Manage screening & selection process for proposals as per program guidance
- Coordination with applicants throughout the program
- Coordination with reviewers and selection panel
- IKP will explore possibilities of additional Partner scouting
- Mentoring and guidance will be provided in consultation with the incubation partners of BIRAC as per the match and necessity
- Funds disbursement as per the agreement to Grantees/Awardees
- Technology transfer assistance through Technology Transfer Office at IKP
- Connecting with ecosystem partners for JanCare Solution deployment
- Submitting Quarterly Status reports and financial documents to BIRAC
- Seek necessary approvals from BIRAC for the execution of the program.

8. Important Dates

- Call announcement: 26th January 2022 on MyGov/BIRAC online portals
- Last date for submission of Applications: 11th April 2022 at 5:30 pm on the BIRAC portal
- Eligibility Screening of Applications: 30th May 2022
- Online Expert Review of Applications: July 2022 (Early-stage innovations)
- Online Presentation Technical Round: 2022 (Late and Advanced stage innovations)
- Face to Face Amrit Grand Challenge-जनCARE” Jury Selection Committee Round Jul –Aug 2022
- Due Diligence & finalizing agreements: August 2022
- Announcement of the Shortlisted Winners: August 2022
- Showcase of Innovations: October 2022
- Dissemination of results as relevant. Final report submission: April 2024

9 .General guidelines, Terms & Conditions

- The contest is open to Indian Citizens.
- BIRAC-GCI, NASSCOM Foundation, and IKP will be supported by other industry partners in the challenge process.
- The decision of the organizer’s Panel of Experts will be final and binding with regard to selection at all stages.
- By making a submission in the contest, all participants warrant and represent that to the best of their knowledge, their submission is original and does not violate or misappropriate any third-party trade secret, “know-how,” copyright, patent or other intellectual property rights. Participants also warrant and represent that there are no obligations of any nature, legal or otherwise, which would prohibit, restrict, or interfere with their participation in the Contest or submission of their design report, and agree to obtain any necessary clearances, authorizations and/or approvals prior to participation.
- The participants agree that the Organizers/ Implementing partner will share information submitted by the participants to a panel of experts, reviewers etc. (under confidentiality and no-conflict undertaking).
- Organizer/implementing partners do not claim ownership over Intellectual Property Right (IPR) for the Innovation proposal submitted by an application. The IPR shall remain with the applicant at all times.
- Organizers/Implementing Partners reserve the right to publish the grantees’ information with regard to 1. Title of the project, 2. A brief summary, 3. Deliverables’ 4. Principal Investigator' 5. Team and/or any other non-confidential information that is relevant to the program.
- By entering the Contest, each participant agrees to release BIRAC and partners from and against any losses, damages, rights, claims and actions of any kind arising from (i) an exclusion or disqualification of such participant pursuant to these rules; (ii) late or unsuccessful efforts to notify winners of any prize; (iii) forfeiture of a prize and the selection of an alternate winner; (iv) late, lost, delayed, damaged, misdirected, incomplete, illegible or unintelligible entries; (v) telephone, electronic, hardware or software program, network, Internet, or computer malfunctions, failures or difficulties of any kind; (vi) failed, incomplete, garbled or delayed computer transmissions; (vii) any condition caused by events beyond BIRAC’s control that may cause the Contest to be disrupted or corrupted; and (viii) any injuries, losses or damages of any kind relating to participation in this Contest.

10. Correspondence

- Any correspondence with the participant will be done through an email provided by the participant at the time of filling out the application form. Organizers are not liable in case of email delivery failures.
- For any queries, please email agcjancare@ikpknowledgepark.com

Disclaimer

BIRAC reserves the right, at their sole discretion, to cancel, terminate, suspend this contest and modify the rules, prizes & funding related to the contest without prior notice. In no event shall BIRAC, GCI, NASSCOM & IKP Knowledge Park including the supporting partners and sponsors be liable for any claims, losses, expenses or damages, arising out of or in connection with the foregoing.

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