



**ESTABLISHMENT OF COMMUNITY RESILIENCE
RESOURCE CENTRES (CRRCs)**

**SCIENCE FOR EQUITY EMPOWERMENT AND
DEVELOPMENT (SEED) DIVISION**

FORMAT FOR SUBMISSION OF PROPOSALS



**GOVERNMENT OF INDIA
MINISTRY OF SCIENCE AND TECHNOLOGY
DEPARTMENT OF SCIENCE AND TECHNOLOGY**



Government of India
Ministry of Science and Technology
Department of Science and Technology
Science for Equity Empowerment and Development (SEED) Division

**GUIDELINES FOR ESTABLISHMENT OF COMMUNITY
RESILIENCE RESOURCE CENTRES (CRRCs)**

1. BACKGROUND: In the course of recovering from the challenges of Covid-19, a need is felt to strengthen community's preparedness, response and approach to future health challenges as well as other uncertainties (including uncertainties in livelihoods) for Resilience, Risk Reduction and Sustainable Development. A new programme has been conceived to establish Community COVID Resilience Resource Centres (CCRRCs) for better recovery, building Science Technology and Innovation (STI) capacities and capabilities of the communities for improved resilience against the pandemic and post pandemic recovery for livelihood rejuvenation. 25 CCRRCs were already established in various locations. During the formulation of the programme, it was envisaged that CCRRCs would evolve as Community Resilience Resource Centres (CRRCs) over a period of time to strengthen STI based resilience of the community in different aspects of livelihood system strengthening, establishment of social enterprises etc. besides development of strategies for disaster risk reduction for developing sustainable resilient communities. *While the concept of Resilience is common in terms of Disasters and Climate Change, the theory of Community Resilience is relatively new and currently gaining momentum. It is hence proposed to establish Community Resilience Resource Centres (CRRCs) for building Science Technology and Innovation (STI) capacities and capabilities of the communities for improved resilience and livelihood systems (an attempt is being made for integrating community resilience with sustainable livelihoods).*

2. GOAL: Building STI based Resilience against various uncertainties at community level for developing equitable, sustainable and resilient society.

3. OBJECTIVES: The proposals should have the following objectives

- Strengthen and supplement resilience building at community level through appropriate STI based interventions
- Capacity building in relevant STI solutions at community level for self-reliance against various uncertainties and other aberrations for risk reduction, adaptation and mitigation.

- Strengthening STI based socio-economic and ecological resilience of the communities for sustainable development

DOMAINS OF INTERVENTIONS: The various domains of resilience (indicative) under which proposals can be submitted are given in Annexure – VI in Format for Application. The investigators applying for proposals under the call should mandatorily come up with various indicators for measuring the resilience at the end of the project tenure. Tentative indicators were also given in Annexure – VI in Format for Application. The CRRCs should act as knowledge hubs for (i) addressing the issues related to sustainable livelihoods, (ii) addressing the issues related to multi-dimensional poverty through STI interventions, (iii) building the STI capacities and capabilities through trainings and capacity building programmes for improved resilience and (iv) measuring the STI based resilience among the communities.

The proposed CRRCs shall also look at the parameters addressing Multi-Dimensional Poverty (please refer to Annexure – VII in Format for Application) rather than considering the income alone for building STI based resilience at community level. More information on Multi-Dimensional Poverty Index of different States and Union Territories in India may be found on the website https://www.niti.gov.in/sites/default/files/2021-11/National_MPI_India-11242021.pdf. The applicants/organisations may also propose any other solutions/interventions/technologies/innovations developed by them for dissemination and deployment for building resilience among community.

CRITERIA FOR ESTABLISHMENT OF CRRCs: The CRRCs shall be established Pan India. The CRRCs may be established by Local Academic or S&T institutions, R&D Labs, S&T based Voluntary Organizations (NGOs). The organisations applying for projects should have prior experience of working in the proposed project location/area. Though not restricted, the CRRCs may also be established in Pradhan Mantri Adarsh Gram Yojana (PMAGY) Villages, Aspirational districts and villages having most vulnerable or disadvantaged section of the society. Each CRRC may focus on not more than 4-5 interventions for creation of resilience in the identified domains. The S & T based thrust areas for interventions, though not restricted, may also focus on various domains of resilience which further strengthen livelihood systems.

The organisation applying for project against this call should preferably have cross bridge collaboration and linkages with institution of local governance.

In case of proposals by operational Women Technology Parks (WTPs), Science Technology and Innovation (STI) Hubs and Core Support Groups (CSGs) already supported by DST, efforts should be made to utilize the existing infrastructure and resources available with them for implementing the project.

ELIGIBILITY: The following organizations/institutes are eligible for receiving financial assistance for establishment of CRRCs

(a) Government Academic Institutions (Central and State Government), Government S&T bodies, R&D Labs etc.

(b) Private Academic Institutions (Universities/ Colleges/ Institutions and Government Aided Colleges recognized or regulated by UGC/AICTE/ MCI/DCI/PCI etc.) – would be considered as Non-Government Organization (NGO) and shall use ‘NGO/ VO’ option during the process of online submission of proposal.

(c) S&T based Voluntary Organizations (NGOs) with legal status or as a society registered under the Societies Registration Act 1860 or a Trust registered under the Indian Trusts Act 1982 or Charitable or Religious Act 1920 or under the corresponding State Act with

- Minimum 10 years of field level experience in technology development, dissemination, delivery and management.
- Skill, knowledge and experience in translation of technology into societal applications and improving the livelihood efficiency through STI interventions.
- Experience in handling projects from Scientific Departments of Government of India.
- Cross bridge collaborations with Knowledge Organisations, Other Civil Society Organisations etc.
- Linkages with Local Administration/Panchayati Raj Institution (PRI)
- The organization has not been blacklisted by any Central or State Government Department.

In addition, the S&T based voluntary organizations are also required to submit the following documents while submission of proposal online on the DST e-PMS portal.

- Copy of valid registration certificate/Trust Deed, Memorandum of Association, Rules and Byelaws of the society.
- Should have registered under Public Financial Management System (pfms.nic.in)
- Audited Statement of Accounts and Annual Activity Reports of the organization for the last 3 financial years.
- Organization’s Unique ID in NGO Darpan Portal (ngodarpan.gov.in)
- Well-defined partnership/collaboration with academic institutions and/or civil society organisations or a research laboratory having expertise in the proposed area of work

General Terms and Conditions:

1. Institutions/Organization receiving funds would assume financial and other administrative responsibility of the project.

2. In case of multi-institutional project, the Principal Investigator (PI) must furnish formal agreement from the collaborating institutions/scientists along with separate budget for each of the implementing institutions.
3. International travel is not permissible under the projects.
4. Staff recruited for a project should be paid as per the norms and guidelines of the DST.
5. In case the Principal Investigator (PI) leaves the Institution, the Co-Investigator (Co-I) will assume the charge of the Investigator for Competing the Project with prior approval of DST.
6. Shifting of the sanctioned project from one institution to other institution due to change of the institution by the principal investigator is not allowed and is at sole discretion of DST, subject to submission of No Objection Certificate from the Host Institution by the PI.

CRITERIA FOR EVALUATION: The proposals would generally be evaluated based on the following criteria. However, the weightage of each of these criteria will vary depending upon the anticipated output, outcome and significance in creating community resilience.

- (i) Relevance with the Call and mandate of the programme
- (ii) Relevance of the proposal with the objectives of the programme
- (iii) The logical framework for building Community Resilience.
- (iv) Demand or need of proposed STI solutions for building resilience
- (v) Novelty, feasibility and scientific merit of proposed interventions for building STI based resilience in the society
- (vi) Clear articulation of methodology and the expected outputs and outcomes for the benefits of the target population.
- (vii) Technical, Social and Economic viability of proposed STI solutions.
- (viii) A strong database (spatial and non-spatial) evidence regarding the need for building resilience
- (ix) Credibility, track record and commitment of project team/host institution in translation of technology into societal applications

DST on recommendations of the Expert Committee (EC) may introduce any other criteria considered to be critical for successful implementation of the project. The decision of the PAC/EC is final and binding.

The proposals received against the call will be shortlisted by the Departmental Screening Committee comprising of experts also from the EC. The shortlisted proposal will then be invited for presentation before the EC for final selection and support. The decision of the EC regarding selection of projects is final and no further queries will be entertained.

SUBMISSION OF PROJECT PROPOSALS: The Principal Investigator should submit the project proposal **online only** through DST's Electronic Project Management System (e-PMS) on portal www.onlinedst.gov.in in the given format along with necessary documents. **Proposal submitted by any other means will be summarily rejected.** The investigators may please note the following for submission of proposal online.

1. Browse onlinedst.gov.in to access the homepage of the “DST e-PMS Portal”, register, log in and submit the project proposal in prescribed format under “Establishment of Community Resilience Resource Centres (CRRCs)”.
2. Before filling up the form candidates are advised to carefully go through the call for proposals published at the DST Website (www.dst.gov.in) and also available under Proposal Formats in the e-PMS Portal after logging in the portal site.
3. To save your time and avoid data loss please download the appropriate proposal format and fill all the information required as per the format as a Word and PDF file and then keep it ready for upload during submission of mandatory documents.
4. Click on “Submit Proposals” link which would take you to a page seeking multiple information starting with – General information, Details of principal investigator etc. Ensure to fill all the mandatory information sought against each menu.
5. After filling all the above particulars there is provision for preview your detail before final submission of application form on clicking on “Preview” button. Preview page will display all the particulars that you have mentioned. Click on “Submit” button for final submission of the proposal.
6. Applicants are advised to carefully fill and verify the details filled in the online application as no change will be possible/ entertained after clicking the Final Submit Button. The TPN number generated after submission of proposal may be noted for future reference.
7. The enclosed conflict of interest document (Annexure – V) should also be signed and submitted.
- 8. The Last Date for Submission of Online Proposals is 31/10/2022 after which the web-link will be automatically disabled for any usage.**

Note: Please ensure submission of online proposals well before the due date. Generation of T-PIN ensures successful submission of proposal online.

PROGRESS EVALUATION & MONITORING MECHANISM: Once the projects are supported, the Output and Outcome based Evaluation and Monitoring Framework will be a part of monitoring system and the output and outcome indicators will be developed and monitored periodically. The investigators may also submit in the proposal, the output and outcomes indicators for monitoring the progress of the project implementation. Local Project Monitoring Committees will be formed involving State Science and Technology Councils to ensure on field

monitoring, effective feed-back about the implementation of activities in the CRRCs funded by DST. The Department shall also closely review the progress from time to time with the help of members of Expert Committees of respective programmes to take suitable decisions to amend/modify/delete any of the activities being implemented by CRRCs. Performance of the CRRCs will be closely monitored by the Expert Committee for any mid-course corrections if required.

CONTACT PERSON

Dr. Konga Gopikrishna, Scientist 'F'
Science for Equity Empowerment and Development Division
Room No. 105, New Block – I, Technology Bhavan
Department of Science and Technology
New Mehrauli Road, New Delhi – 110016
E – Mail: k.gopikrishna@nic.in, Phone: 011-26590298

(LAST DATE FOR SUBMISSION OF PROPOSALS: 31/10/2022)

**The project proposals of Organisations which were supported
CCRRCs earlier would not considered.**

ESTABLISHMENT OF COMMUNITY RESILIENCE RESOURCE CENTRES

1. The proposal should be specifically aimed at building the resilience of the Community through Science and Technology inputs/processes.
2. As far as possible, the proposals should aim at integrating community resilience with sustainable livelihoods.
3. The logical framework for bringing resilience at community level should be clearly brought out in the proposal.
4. The project should clearly bring out how it will benefit the target population, improve the livelihood system efficiency and strengthen the social welfare system.
5. The proposals may focus on Improving Livelihood System efficiency through Science Technology and Innovation (STI) for improving the resilience.
6. The exit strategy for convergence with the local welfare system like NRLM/SRLM and PRI system should be given.
7. Proposals on Direct Welfare Activities will NOT be considered for financial support.
8. Routine proposals on standardized technologies like vermicompost, mushroom cultivation, food processing etc will NOT be considered for financial support.
9. Financial support would be provided for purchase of minor equipment as per extant norms of DST.
10. The Host Institution should be in the vicinity of the target/target population
11. Efforts should be made for the direct involvement target population in the project.
12. The Interventions should aim at improving at mid and long term the physical, social and economic conditions of the target communities in addition to their short term/immediate need.
13. The project should lead to environmental sustainability and ecological balance.
14. The project activities should be oriented towards generation of self-employment/ additional revenue generating and should not displace current job. The focus should be on strengthening the local level self-reliance through Science Technology and Innovation.
15. The project should develop strategies for S&T absorption capacity building, Knowledge improvement and Innovation capabilities among the beneficiaries.
16. In case of proposals for establishing CRRCs in multiple locations, the host institute should have prominent presence and experience of working in the selected target areas
- 17. Please submit only the duly filled in application form along with the Annexures. Do not submit/upload the call document and the guidelines.**

(LAST DATE FOR SUBMISSION OF PROPOSALS: 31/10/2022)

The project proposals of Organisations which were supported CCRRCs earlier would not considered.

FORMAT FOR APPLICATION

PART – I: TECHNICAL DETAILS

1. Project Title

Establishment of Community Resilience Resource Centre (CRRC) in _____Block,
_____District, _____State.

Note: In case you are applying for establishment of CRRCs in multiple locations, the details may be reflected in the title. Ex: (a) Establishment of Community Resilience Resource Centre (CRRC) in Birsa Block, Balaghat District and Ghansaur Block, Seoni District of Madhya Pradesh State. (b) Establishment of Community Resilience Resource Centre (CRRC) in Birsa Block, Balaghat District, Madhya Pradesh State and Madanpur Block, Aurngabad District, Maharashtra State

2. Name of the Host Institution/Organization & Address

Give only the details of Coordinating Institution/Organization

3. Nature of Cross-bridge Collaborations

<i>Sl. No.</i>	Name and Address of the Collaborators	<i>Purpose</i>
1.		
2.		

4. Details of the Principal Investigator (Coordinator)

i. Principal Coordinator	
Name	
Date of Birth	
Highest Qualification	
Designation	
Department	
Organisation	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	

5. Details of Project Area

Note: In case you are applying for multi locations, the details of each of the project area for establishment of CRRC should be given)

- (a) Demographic Details (give details of geographical location, area covered, social economic profile, current occupations, climate, etc and any other details you feel pertinent to CRRCs)
- (b) Details of existing social welfare schemes
- (c) Target Beneficiaries (approximate number of beneficiaries under the proposed CRRC, % of women, % of Youth, % of SC/ST etc)
- (d) Names of Target Villages and Block (please mention whether the target villages (CRRC) fall under aspirational district or PMAGY Village etc).

6. Objectives

Note: Refer to the guidelines for objectives; any specific objectives pertaining to building resilience of communities in domain of expertise of the organization may also be included

7. Data Capture Framework

{Describe the current situation that CRRC intends to address (as a point of reference to measure success upon project completion – the baseline data on each of the selected domains should be given). Briefly provide quantitative and/or qualitative information on the existing conditions that support the need for CRRC}.

Note: (a) For tentative resilience domains/parameters and/or indicators for assessing of resilience please refer Annexure – VI.

(b) In case you are applying for multi locations, the baseline data for different CRRCs should be given

(c) End line data may be the expected output or outcomes after project implementation

Sl. No.	Resilience Domains/ Parameters	Indicators	Base line Data (as is situation)	End line Data (expected situation after project implementation)
1.				
2.				

8. Components (domains/parameters of resilience) of proposed CRRC (Please give details of domains identified and STI solutions proposed for building resilience of the community)

Note: (a) For tentative resilience domains/parameters and/or indicators, please refer Annexure – VI.

(b) You can also give any other component specific to the target area/location and any other STI solutions developed by your organization that can be a part of CRRC – STI solutions that

are readily available with you will be given preference

(c) Preference will be given to existing STI solutions for building resilience rather than new STI solutions

Sl. No	Identified domains/ parameters of resilience	Proposed STI Solutions for resilience building	Whether STI Solutions available with Host Institute	STI Solutions available with other Knowledge Organisations and Civil Society Organisations
1.				
2.				

9. Project Activities and Methodology

(Give in detail all proposed project activities for running the CRRC. Describe the innovative approach and technical methodology for carrying out the activities – the relation between project objectives and activities should be clear. The proposed activities may also include trainings for building the STI Capacities, awareness programs on resilience building, training programmes on technology demonstration, dissemination and deployment etc)

10. Work plan (Schedule of Activities)

Sl. No	Component/Work Elements	Expected Start (Month/Year)	Expected Completion (Month/Year)	Deliverables
1.				
2.				

Please don't give baseline surveys, recruitment of project staff, purchase of equipment as activities or deliverables

11. Details of Trainings and STI Capacity Building Programmes

- a. Training and Awareness Programmes for Building Community Resilience, STI Capacity Building etc.
- b. Training and Awareness Programme for demonstration, dissemination and deployment of selected technologies.

12. Gender Sensitivity and Community Inclusiveness

(Give details on number of women, number of disabled persons, elderly people, number of SC/ST population covered under the project for building resilience etc)

13. Monitoring and Evaluation Framework

(Please give tentative indicators for output-outcome based monitoring to assess if the resilience has been built among communities)

Note: (a) Please refer to tentative indicators given in Annexure – VI.

(b) You may also give any other indicators deemed fit by you for measuring community resilience.

(c) The tentative indicators developed for output-outcome based monitoring by DST is also enclosed in Annexure – VIII.

Sl. No.	Indicators	Expected Output	Expected Output
1.			
2.			
3.			

14. Duration (months):

15. Budget Summary:

Recurring Cost :

Non-Recurring cost :

Sl. No.	Items	Budget (in Rs.)			
		1 st Year	2 nd year	3 rd year	Total
A.	<i>Recurring</i>				
1.	Manpower				
2.	Consumables				
3.	Travel				
4.	Training Programme				
5.	Other Costs				
6.	Contingency				
7.	Overheads				
	<i>Total (A)</i>				
B.	<i>Non Recurring</i>				
1.	Equipment				
2.	Fabrication Costs				
3.	Construction Costs				
	<i>Total (B)</i>				
	<i>Grand Total (A+B)</i>				

17. Details of the all other Investigators/Coordinators

Coordinator – I	
Name	
Date of Birth	
Highest Qualification	
Designation	
Department	
Organisation	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	
Coordinator – II	
Name	
Date of Birth	
Highest Qualification	
Designation	
Department	
Organisation	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	
Coordinator – III	
Name	
Date of Birth	
Highest Qualification	
Designation	
Department	
Organisation	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	

PART II: BUDGET

BUDGET ESTIMATES – SUMMARY*

(The budget under different heads will be sanctioned as per the extant norms of DST)

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
A	RECURRING				
1	Manpower				
2	Consumables				
3	Travel				
4	Training Programs				
5	Other Costs				
6	Review Meeting by DST				
7	Contingencies				
8	Institutional Overheads				
B	NON RECURRING				
1	Permanent Equipment				
2	Fabrication of Equipment				
3	Construction Costs				
TOTAL					

*In case of collaboration with different institutions, separate budget requirements should be furnished along with formal agreement from the collaborating institutions/scientists. Detailed justification needs to be provided for all the budget heads as per the break up given below.

A. RECURRING

1. BUDGET FOR MANPOWER

<i>Sl. No.</i>	<i>Designation</i>	<i>Budget (Rs)</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
2.					
TOTAL					

(Staff recruited for a project should be paid as per the norms and guidelines of the DST. The justification should contain the work allocation/functions of each project staff. Please refer to different OMs regarding salary structure of various categories of project staff available on DST Website/internet)

2. BUDGET FOR CONSUMABLES

<i>Sl. No</i>	<i>Consumables</i>	<i>Budget (Rs)</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
<i>TOTAL</i>					

(Detailed break up of consumables should be given)

3. BUDGET FOR TRAVEL

<i>Sl. No</i>	<i>Purpose</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.	Project Logistics				
2.	Field Activities				
<i>TOTAL</i>					

4. BUDGET FOR TRAININGS

<i>Sl. No</i>	<i>Description of Trainings/Awareness</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
<i>TOTAL</i>					

5. REVIEW MEETINGS BY DST (Tentative budget to be proposed for two meetings a year – should cover the travel cost, accommodation and local field visits of 6-8 experts)

<i>Sl. No</i>	<i>Description of Trainings</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.	Costs for Review and Monitoring, field visits etc				
<i>TOTAL</i>					

6. BUDGET FOR OTHER COSTS (costs for testing, field trials, deployment, patents etc)

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
<i>TOTAL</i>					

7. BUDGET FOR CONTINGENCIES

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

(Should be for unforeseen costs)

8. BUDGET FOR OVER HEADS

<i>Sl. No</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.					
TOTAL					

B. NON-RECURRING

BUDGET FOR PERMANENT EQUIPMENT/STRUCTURES

<i>Sl. No.</i>	<i>Item</i>	<i>Budget</i>			
		<i>1st Year</i>	<i>2nd Year</i>	<i>3rd Year</i>	<i>Total</i>
1.	Equipment				
2.	Fabrication Costs				
TOTAL					

- Detailed justification for each and every item of equipment should be given
- The construction cost should also include the costs towards establishment of STI Hub at Host Institute/CFC for trainings/demonstrations etc (It is expected that the Host Institute should provide space for STI Hub – Refurbishing costs for existing structure may be supported)
- Bill of materials/estimate for fabrication and construction cost should be provided

PART IV: DETAILS OF THE IMPLEMENTING INSTITUTE

(Give details of all the organisations)

1. Description of the implementing agency (ies)

(In case of Voluntary Organizations/NGOs and Private Institutes please enclose copies of Registration Certificate/Trust Deed, Memorandum of Association including By-laws and Mandate, Audited statement of accounts for the last three years, Annual Report including activity profile for last three years.)

1. Type of organization:

Type	Implementing Org.	Collaborator
Academic Institution		
Research Organization		
S&T Council		
Voluntary Organization		
Other (please specify)		

2. Expertise available with the proposed investigating group/institution for implementing the project (describe briefly in not more than one page)

3. Infrastructure available land/building (including equipment).

4. Whether the organization is implementing EAT Module under PFMS?

**ENDORSEMENT FROM HEAD OF THE INSTITUTE
(on letter head)**

It is certified that the project proposal titled “title of the project”

1. Has not been submitted to any other agency/agencies for financial support
2. The scale of pay, allowance, etc. proposed are those admissible to persons of corresponding status employed in the Institute/University/NGO/Voluntary Organization, and are in accordance with the guidelines on emoluments for research personnel as contained in (enclose guidelines if any in case of Central/State Government Institutions)
3. It is agreed that any research outcome or intellectual property right(s) on the invention(s) arising out of the project shall be taken in accordance with the instructions issued with the approval of the Ministry of Finance, Department of Expenditure
4. The institute welcomes participation of Dr/Shri/Smt/Km..... as the Principal Investigator and Dr/Shri/Smt/Km..... as the Co-Investigator for the project and that in the unforeseen event of discontinuance by the Principal Investigator, the Co-Investigator will assume responsibility of the fruitful completion of the project (with due intimation to DST).
5. In case the Principal Investigator (PI) leaves the Institution, the Co-Investigator (Co-I) will assume the charge of the Investigator for Competing the Project with prior approval of DST.
6. The proposed equipment is not available with the Host Institution.

Signature of Executive Authority
of Institute/ University with Seal with date

1. Signature of Principal-Investigator with place and date

2. Signature of Co-Investigator place and date

CERTIFICATE FROM THE INVESTIGATORS

It is certified that

1. We agree to abide by the terms and conditions of the DST grant.
2. We did not submit this or a similar project proposal elsewhere for financial support.
3. We have explored and ensured that equipment and basic facilities will actually be available as and when required for the purpose of the project. We shall not require financial support under this project, for procurement of these items.
4. We undertake that spare time on permanent equipment will be made available to other users.
5. The proposed equipment is not available with the Host Institution
6. In case the Principal Investigator (PI) leaves the Institution, the Co-Investigator (Co-I) will assume the charge of the Investigator for Competing the Project with prior approval of DST.
7. We understand that shifting of the sanctioned project from one institution to other institution due to change of the institution by the principal investigator/co-investigators is not allowed and is at sole discretion of DST, subject to submission of No Objection Certificate from the Host Institution by the PI.

We have enclosed the following materials.

Duly filled application form (complete with all Annexure)	
valid Registration Certificate/Trust Deed, MOA with Bye Laws, Annual reports & audited accounts of the organization for previous 3 years (only for NGOs)	
Letter of Support and tie up with S&T institutions – Mandatory for NGO'S	
Endorsement from Head of Institute and Certificate from Investigators (original)	

1. Signature of Principal-Investigator with place and date

2. Signature of Co-Investigator place and date

BIODATA OF PRINCIPAL INVESTIGATOR

A. Name:

B. Date of Birth

C. Institution

D. Whether belongs to SC/ST

E. Academic and professional career:

(From Graduation to highest qualification level indicating subject and area of specialization –
Enclose copy of certificate of highest qualification):

Professional career:

F. Award/Prize/Certificate etc. won by the investigator:

G. Publication (Numbers only)

Details of Papers, Books, General Articles, Patents if any

H. List of Completed/Ongoing and Submitted projects

Sl. No.	Name of the project and Reference No	Funding Agency/Division	Cost & Duration	Status

BIODATA OF CO INVESTIGATOR (S)

(Give for all co-investigators)

A. Name:

B. Date of Birth

C. Institution

D. Whether belongs to SC/ST

E. Academic and professional career:

(From Graduation to highest qualification level indicating subject and area of specialization –
Enclose copy of certificate of highest qualification):

Professional career:

F. Award/Prize/Certificate etc. won by the investigator:

G. Publication (Numbers only)

Details of Papers, Books, General Articles, Patents if any

H. List of Completed/Ongoing and Submitted projects

Sl. No.	Name of the project and Reference No	Funding Agency/Division	Cost & Duration	Status

**POLICY ON CONFLICT OF INTEREST
FOR REVIEWER & COMMITTEE MEMBER or APPLICANT or DST OFFICER
ASSOCIATED/ DEALING WITH THE SCHEME/ PROGRAM OF DST**

Issues of Conflicts of Interest and ethics in scientific research and research management have assumed greater prominence, given the larger share of Government funding in the country's R & D scenario. The following policy pertaining to general aspects of Conflicts of Interest and code of ethics, are objective measures that is intended to protect the integrity of the decision making processes and minimize biasness. The policy aims to sustain transparency, increase accountability in funding mechanisms and provide assurance to the general public that processes followed in award of grants are fair and non-discriminatory. The Policy aims to avoid all forms of bias by following a system that is fair, transparent and free from all influence/ unprejudiced dealings, prior to, during and subsequent to the currency of the programme to be entered into with a view to enable public to abstain from bribing or any corrupt practice in order to secure the award by providing assurance to them that their competitors will also refrain from bribing and other corrupt practice and the decision makers will commit to prevent corruption, in any form, by their officials by following transparent procedures. This will also ensure a global acceptance of the decision making process adopted by DST.

Definition of Conflict of Interest:

Conflict of Interest means "any interest which could significantly prejudice an individual's objectivity in the decision making process, thereby creating an unfair competitive advantage for the individual or to the organization which he/she represents". The Conflict of Interest also encompasses situations where an individual, in contravention to the accepted norms and ethics, could exploit his/her obligatory duties for personal benefits.

Coverage of the Policy:

- (i) The provisions of the policy shall be followed by persons applying for and receiving funding from DST, Reviewers of the proposal and Members of Expert Committees and Programme Advisory Committees. The provisions of the policy will also be applicable on all individuals including Officers of DST connected directly or indirectly or through intermediaries and Committees involved in evaluation of proposals and subsequent decision making process.
- (ii) This policy aims to minimize aspects that may constitute actual Conflict of Interests, apparent Conflict of Interests and potential Conflict of Interests in the funding mechanisms that are presently being operated by DST. The policy also aims to cover, although not

limited to, Conflict of interests that are Financial (gains from the outcomes of the proposal or award), Personal (association of relative / Family members) and Institutional (Colleagues, Collaborators, Employer, persons associated in a professional career of an individual such as Ph.D. supervisor etc.)

2. Specifications as to what constitutes Conflict of Interest.

Any of the following specifications (non-exhaustive list) imply Conflict of Interest if,

- (i) Due to any reason by which the Reviewer/Committee Member cannot deliver fair and objective assessment of the proposal.
- (ii) The applicant is a directly relative# or family member (including but not limited to spouse, child, sibling, parent) or personal friend of the individual involved in the decision making process or alternatively, if any relative of an Officer directly involved in any decision making process / has influenced interest/ stake in the applicant's form etc..
- (iii) The applicant for the grant/award is an employee or employer of an individual involved in the process as a Reviewer or Committee Member; or if the applicant to the grant/award has had an employer-employee relationship in the past three years with that individual.
- (iv) The applicant to the grant/award belongs to the same Department as that of the Reviewer/Committee Member.
- (v) The Reviewer/Committee Member is a Head of an Organization from where the applicant is employed.
- (vi) The Reviewer /Committee Member is or was, associated in the professional career of the applicant (such as Ph.D. supervisor, Mentor, present Collaborator etc.)
- (vii) The Reviewer/Committee Member is involved in the preparation of the research proposal submitted by the applicant.
- (viii) The applicant has joint research publications with the Reviewer/Committee Member in the last three years.
- (ix) The applicant/Reviewer/Committee Member, in contravention to the accepted norms and ethics followed in scientific research has a direct/indirect financial interest in the outcomes of the proposal.
- (x) The Reviewer/Committee Member stands to gain personally should the submitted proposal be accepted or rejected.

The Term "Relative" for this purpose would be referred in section 6 of Companies Act , 1956.

3. Regulation

:

The DST shall strive to avoid conflict of interest in its funding mechanisms to the maximum extent possible. Self-regulatory mode is however recommended for stake holders involved in scientific research and research management, on issues pertaining to Conflict of Interest and scientific ethics. Any disclosure pertaining to the same must be made voluntarily by the applicant/Reviewer/Committee Member.

2. Confidentiality:

The Reviewers and the Members of the Committee shall safeguard the confidentiality of all discussions and decisions taken during the process and shall refrain from discussing the same with any applicant or a third party, unless the Committee recommends otherwise and records for doing so.

5. Code of Conduct

5.1 To be followed by Reviewers/Committee Members:

- (a) All reviewers shall submit a conflict of interest statement, declaring the presence or absence of any form of conflict of interest.
- (b) The reviewers shall refrain from evaluating the proposals if the conflict of interest is established or if it is apparent.
- (c) All discussions and decisions pertaining to conflict of interest shall be recorded in the minutes of the meeting.
- (d) The Chairman of the Committee shall decide on all aspects pertaining to conflict of interests.
- (e) The Chairman of the Committee shall request that all members disclose if they have any conflict of interest in the items of the agenda scheduled for discussion.
- (f) The Committee Members shall refrain from participating in the decision making process and leave the room with respect to the specific item where the conflict of interest is established or is apparent.
- (g) If the Chairman himself/herself has conflict of interest, the Committee may choose a Chairman from among the remaining members, and the decision shall be made in consultation with Member Secretary of the Committee.
- (h) It is expected that a Committee member including the Chair-person will not seek funding from a Committee in which he/she is a member. If any member applies for grant, such proposals will be evaluated separately outside the Committee in which he/she is a member.

5.2 To be followed by the Applicant to the Grant/Award:

- (a) The applicant must refrain from suggesting referees with potential Conflict of Interest that may arise due to the factors mentioned in the specifications described above in Point No. 2.
- (b) The applicant may mention the names of individuals to whom the submitted proposal should not be sent for refereeing, clearly indicating the reasons for the same.

5.3 To be followed by the Officers dealing with Programs in DST:

While it is mandatory for the program officers to maintain confidentiality as detailed in point no. 6 above, they should declare, in advance, if they are dealing with grant applications of a relative or family member (including but not limited to spouse, child, sibling, parent) or thesis/ post-doctoral mentor or stands to benefit financially if the applicant proposal is funded. In such cases, DST will allot the grant applications to the other program officer.

6. Sanction for violation

6.1 For a) Reviewers / Committee Members and b) Applicant

Any breach of the code of conduct will invite action as decided by the Committee.

6.2 For Officers dealing with Program in DST

Any breach of the code of conduct will invite action under present provision of CCS (conduct Rules), 1964.

7. Final Appellate authority:

Secretary, DST shall be the appellate authority in issues pertaining to conflict of interest and issues concerning the decision making process. The decision of Secretary, DST in these issues shall be final and binding.

8. Declaration

I have read the above “Policy on Conflict of Interest” of the DST applicable to the Reviewer/ Committee Member/ Applicant/ DST Scheme or Program Officer # and agree to abide by provisions thereof.

I hereby declare that I have no conflict of interest of any form pertaining to the proposed grant*

I hereby declare that I have conflict of interest of any form pertaining to the proposed grant *

* & # (Tick whichever is applicable)

Name of the Reviewer/ Committee Member or Applicant or DST Officer

(Strike out whichever is not applicable)

(Signature with date)

DOMAINS OF RESILIENCE

I. Indicative Parameters and Indicators for Resilience based on CCRRC/CRRC Framework

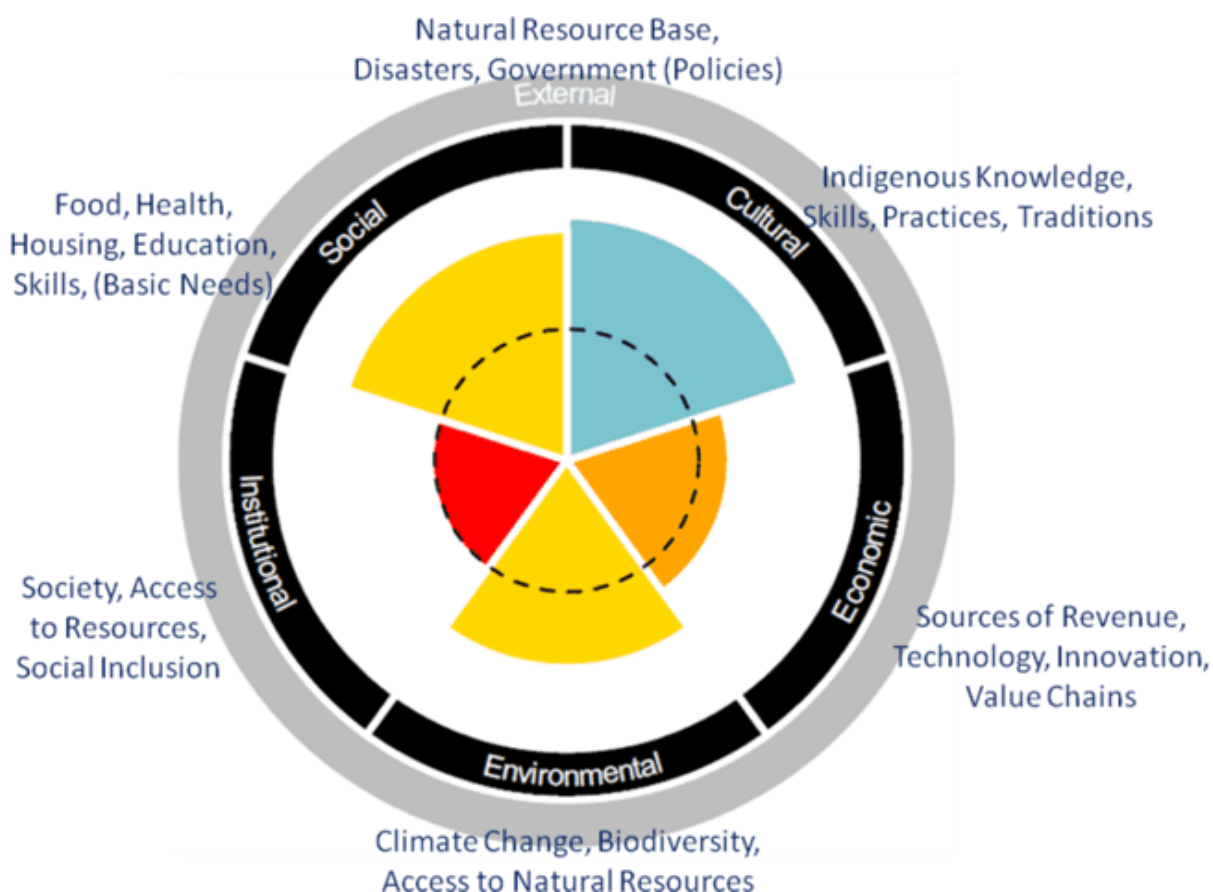
The below given parameters and indicators are only indicative and you may please propose your own domains and indicators for resilience based on your interventions

<i>Sl. No.</i>	<i>DOMAINS/PARAMETERS</i>	<i>INDICATORS (Qualitative and Quantitative)</i>
1.	Access to basic needs	<ul style="list-style-type: none"> ○ Improved access to basic infrastructure facilities like Energy, Water, Health, Sanitation, Built environment etc (Number of HH) ○ Creation of Infrastructure and Access to Common Minimum Needs
2.	Livelihood Diversification	<ul style="list-style-type: none"> ○ Number of new livelihoods options generated ○ Number of people adapting alternate means of earning ○ Improvement in income
3.	Health and Nutrition	<ul style="list-style-type: none"> ○ Access to Medical and Telemedicine Services ○ Reducing (reduction in) malnutrition ○ Child Mortality ○ Improved Health and Nutrition ○ Promoting behavioral change with a focus on good hygiene practises, healthy life-style etc
4.	Education	<ul style="list-style-type: none"> ○ Access to educational facilities ○ Number of students educated online ○ Number of technology packages deployed ○ Access to online education
5.	STI Capacity Building & Skill Development	<ul style="list-style-type: none"> ○ Number of Skill development and Capacity building Programmes Conducted ○ Number of people covered
6.	Establishment of Social Enterprises	<ul style="list-style-type: none"> ○ Number of entrepreneurs created ○ Improvement in entrepreneurship ecosystem
7.	Information Sharing and Learning	<ul style="list-style-type: none"> ○ Scientific Capacity Building & Technology Absorption Capacity ○ Knowledge transfer on best practices ○ Awareness on best alternatives
8.	Habitat and Environment	<ul style="list-style-type: none"> ○ Number of houses retrofitted

		<ul style="list-style-type: none"> ○ Improving environmental and physical infrastructure ○ Innovative Solutions for Infrastructure Development ○ Green Buildings
9.	Skill Development & Capacity Building	<ul style="list-style-type: none"> ○ Number of Training Programmes & Number of Beneficiaries ○ Number of Awareness Programmes & Number of Beneficiaries ○ Number of Online Trainings & Number of Beneficiaries
10.	Resourceful & Effective Human Resources	<ul style="list-style-type: none"> ○ Number of skilled manpower (men and women) generated ○ Jobs created
11.	Technology absorption capacity	<ul style="list-style-type: none"> ○ Number of new technologies – demonstrated, disseminated & deployed ○ Number of people adopting appropriate or new technologies

II. Classification based on Social, Cultural, Economic, Environmental, and Institutional Parameters

Modified after Payne, P. R., W. H. Kaye-Blake, A. Kelsey, M. Brown, and M. T. Niles. 2021

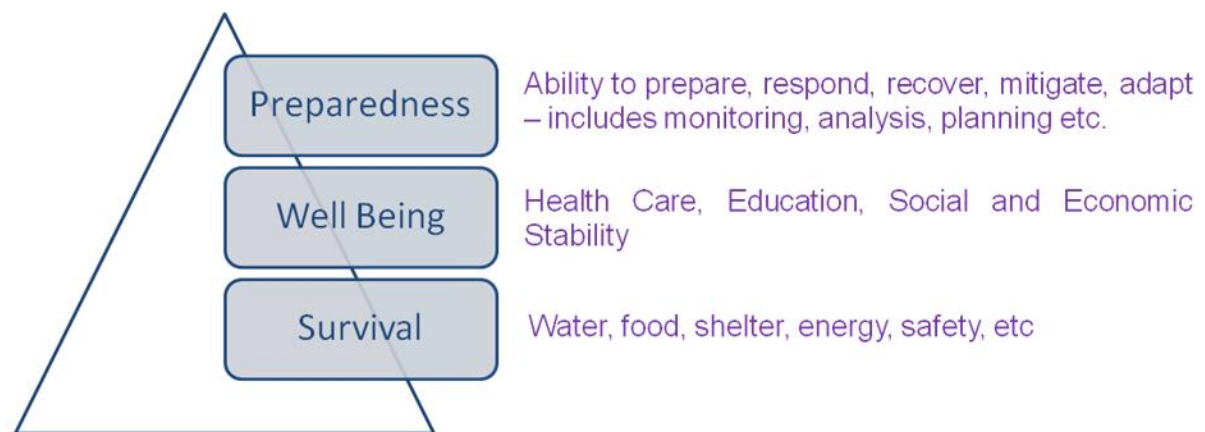


<i>Sl. No.</i>	<i>Dimension</i>	<i>Components</i>
1.	Social	Social inclusion, networks, organizations, HEALTH, HOUSING, leisure, EDUCATION, families, SKILLS BASE
2.	Cultural	Cultural knowledge from history, maintenance of cultural identity, INTERGENERATIONAL PRACTICES
3.	Economic	PRODUCTIVITY, PROFITABILITY, EMPLOYMENT, INFRASTRUCTURE, debt & equity, industry groups, TECHNOLOGY, INNOVATION, VALUE CHAINS
4.	Institutional	Social norms, social license, regulation, INFRASTRUCTURE, SERVICES, SOCIAL INCLUSION, local government
5.	Environmental	LAND RESOURCES, WATER, landscape, biodiversity, biosecurity, CLIMATE CHANGE (pattern)
6.	External	NATURAL RESOURCE BASE, government, MARKETS, wider society

The above dimensions and Components are indicative only. Those in capitals may be considered for resilience building

III. Classification based on (i) survival, (ii) wellbeing, and (iii) preparedness

(Modified after Gillespie-Marthaler et al., 2020)



hierarchical priorities needed to achieve community resilience

SUSTAINABLE LIVELIHOODS AND RESILIENCE BUILDING

- Demonstration, Dissemination and Deployment of Appropriate Technologies
- Training and Awareness Programmes
- STI Capacity Building
- Creation of Sustainable Livelihood Options
- Need based Interventions in Livelihoods Systems

ANNEXURE – VII

INDICATORS IN INDIA’S NATIONAL MPI

<i>Sl. No.</i>	<i>Dimension</i>	<i>Indicator</i>	<i>Deprived if</i>
1.	Health	Nutrition	A household is considered deprived if any child between the ages of 0 to 59 months, or woman between the ages of 15 to 49 years, or man between the ages of 15 to 54 years for whom nutritional information is available - is found to be undernourished.
		Child & Adolescent Mortality	A child/adolescent under 18 years of age has died in the family in the five-year period preceding the survey.
		Antenatal Care	A household is deprived if any woman in the household who has given birth in the 5 years preceding the survey, has not received at least 4 antenatal care visits for the most recent birth, or has not received assistance from trained skilled medical personnel during the most recent child birth.
2.	Education	Years of Schooling	Not even one member of the household aged 10 years or older has completed six years of schooling
		School Attendance	Any school-aged child is not attending school up to the age at which he/she would complete class 8.
3.	Standard of Living	Cooking Fuel	A household cooks with dung, agricultural crops, shrubs, wood, charcoal or coal
		Sanitation	The household has unimproved or no sanitation facility or it is improved but shared with other households.
		Drinking Water	The household does not have access to improved drinking water or safe drinking water is at least a 30-minute walk from home (as a round trip).
		Electricity	The household has no electricity.
		Housing	The household has inadequate housing: the floor is made of natural materials, or the roof or wall are made of rudimentary materials.

		Assets	The household does not own more than one of these assets: radio, TV, telephone, computer, animal cart, bicycle, motorbike, or refrigerator; and does not own a car or truck.
		Bank Account	No household member has a bank account or a post office account.

Based on India Baseline Report National Multidimensional Poverty Index (NITI Aayog, 2021)

ANNEXURE – VIII

TENTATIVE INDICATORS FOR MONITORING THE OUTPUT AND OUTCOMES
(The indicators are only tentative, only the indicators relevant to your project may be selected, no need to respond to all the indicators)

(a) Output Indicators (expected during the project implementation period)

Sl. No	Indicators	Numbers
1	Technologies/ techniques/ tools to be deployed (<i>existing technologies</i>)	
2	Technologies to be modulated and deployed (<i>adaptive R&D</i>)	
3	Technologies to be field tested (<i>new and modulated technologies</i>)	
4	Beneficiaries covered under the Project (Numbers with gender wise percentages: District wise, age groups wise)	
5	Awareness, Training and skill development Programmes Conducted with number of male and female participants	
6	Manpower to be trained- total with gender wise percentages	
7	Youth to be employed- total with gender wise percentages	
8	Agriculture Land Covered to be for project interventions	
9	HHs(<i>households</i>) to be involved	

Outcome Indicators (expected at the end of project implementation period)

Sl. No	Indicators	Numbers
1	Access to Clean and Safe Drinking Water (<i>give number of households and total population benefited</i>)	
2	Access to Clean Energy – including cooking and electricity (<i>give number of households and total population benefited</i>)	
3	Access to Health care facilities/Improved Nutrition (<i>give number of households and total population benefited</i>)	
4	Access to other infrastructure – toilets/low cost houses (<i>give number of households and total population benefited</i>)	
5	Access to financial institutions (<i>give number of households</i>)	
6	Livelihood Diversification (Farm and Non-Farm - <i>indicate the diversified trades</i>)	
7	Increase in household income due to project interventions (<i>give %</i>)	

8	Number of other organizations, rural institutions, cooperative societies, Youth clubs and Progressive circles, FPOs to be motivated and mobilized for replication of project outcomes (<i>scientific capacity building</i>)	
9	Increase in Agricultural (crop/livestock/poultry/fisheries) Productivity	
10	Increased availability of resources (natural and/or physical) and assets	
11	Increase in livelihood/ employment opportunities in different areas (list the areas/field and give the number of entrepreneurs)	
12	New Enterprises to be developed (<i>mention the enterprises</i>)	
13	Drudgery reduction (brief achievements) - Name and number of technologies to be developed or upgraded, and adopted) for drudgery reduction	
14	Improved linkages with market/ enterprises	
15	Adoption of newly developed technologies/ products/processes/ indicated by number of adopters	
16	No. of organizations, entrepreneurs motivated and mobilized for replication of project achievements	
19	Linkages established with Government schemes and any subsidy availed from Government agencies	
20	Community's empowerment (<i>technology user group formed; saving cum credit group; health improvement etc.</i>)	
21	Indigenous resources and knowledge capacity building.	