



**ACCELERATED DEVELOPMENT OF PARTICULARLY
VULNERABLE TRIBAL GROUPS (PVTGS)**

**Call for Project Proposals under Tribal Sub Plan Scheme (TSP) of
Science for Equity Empowerment and Development (SEED) Division**



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

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CALL FOR PROPOSALS

The Science for Equity Empowerment and Development (SEED) Division of the Department of Science and Technology (DST) is implementing Tribal Sub Plan (TSP) Scheme with a broad mandate of empowering the Scheduled Tribe (ST) Communities through promotion of research, development and adoption, transfer and dissemination of proven technologies (including delivery of science led solutions) to solve their problems, especially in rural areas through application of Science and Technology. The projects under this Scheme aim at **improving the livelihood system efficiency** and **strengthen the social welfare system** through **Science Technology and Innovation (STI)**. The projects also facilitate building the **Knowledge and Capacity Building of NGOs** in addition to improving the **Field and Outreach capabilities** of Knowledge Institutions.

Though continuous efforts are being made for development of Particularly Vulnerable Tribal Groups (PVTGs) through several S&T interventions, there is a need for **livelihood centric approach** for **holistic and accelerated development of PVTGs**. It is hence proposed to give a **Special Call for Proposals focusing only on 75 PVTGs** aiming at delivery of science led solutions and development & deployment of location specific appropriate technologies for comprehensive development and creation of sustainable livelihoods for PVTGs. This special call is to commemorate the 75th Year of Indian Independence. The broad areas identified under the call are as follows.

- (1) Mapping of predominant livelihood systems of PVTGs for developing focused STI solutions based on weakest linkages (gaps) in livelihoods
- (2) Development & deployment of location specific appropriate technologies and STI Solutions for creation of sustainable livelihoods
- (3) Conservation and enhancement of traditional skills and indigenous knowledge of PVTGs for strengthening their livelihoods
- (4) Addressing the factors affecting Multidimensional Poverty (Health & Nutrition, Education and Quality of Life) and
- (5) Capacity building in relevant STI solutions at community level for socio-economic and ecological resilience of PVTGs.

The project proposals may be submitted **focusing only on PVTGs** in the following areas

- (a) Mapping of Predominant livelihood systems and S&T Needs of PVTGs
- (b) Conservation and Enhancement of traditional skills and indigenous knowledge through infusion of higher technologies for livelihood system strengthening and rejuvenation of livelihoods (Example: Irulas in snake catching and venom extraction, Todas in diary and horticulture, Mankidias in rope making, Kattunaickens in honey collection, Rajis in wooden vessel craft, Kotas in metal work, etc).
- (c) Special Studies and STI interventions pertaining to high prevalence diseases in PVTGs (Example: Viral Hepatitis in Lodha, Saora, Khadia, Juanga, and Mankidia, Malaria; Tuberculosis in Sahariyas, etc) and other vector borne diseases
- (d) STI solutions for development of livelihood strategies for PVTGs in aspects of NTFP collection, Post-harvest processing, agro-biodiversity, cottage industries, plantations crops, fishing, animal husbandry etc.
- (e) Promotion of alternative livelihoods (wherever the present occupation is dwindling) based on innovative community-based approaches and technological options
- (f) STI solutions relating to improvement of health and nutrition (especially child & adolescent mortality, antenatal care) that contributes to decline in population of PVTGs.
- (g) Improving the skills of the PVTGs (Establishing labs on the concept of fablab in areas having predominance presence of PVTGs for training on various skills)
- (h) STI solutions for addressing the factor contributing to MDP such as Quality of Life (Cooking Fuel, Sanitation, Drinking Water, Electricity, Housing etc)
- (i) Entrepreneurship development building on local innovation & local knowledge systems

A brief note on PVTGs, Ranking of the PVTG Population in Different States (2001 Census) and State/Union Territory wise list of PVTGs is given in Annexure – I

PARTICULARLY VULNERABLE TRIBAL GROUP (PVTGS)

Tribal communities live in about 15% of the country's landmass in various ecological and geo-climatic conditions ranging from plains to forests, hills and inaccessible areas. They encompass a wide diversity of cultures, systems of self-governance and livelihood systems and are provided special protection by Schedule V and VI of the constitution. While some tribal communities have adopted a mainstream way of life at one end of the spectrum, there are tribal groups, at the other end, who are characterized by (a) forest-based livelihoods, (b) pre-agriculture level of existence (c) a stagnant and declining population (d) extremely low literacy and (e) a subsistence economy. Such tribal groups are **75 in number residing in 17 States and 1 Union Territory**. They have been identified and categorized as **Particularly Vulnerable Tribal Groups (PVTGs)** earlier known as Primitive Tribal Groups

As per 2001 census, the 75 Particularly Vulnerable Tribal Group (PVTGs) have a total population of 27, 68, 322 and live in remote and scattered geographical locations. The ranking of the PVTGs in terms of their population in different states is given in Table 1.

Table 1. Ranking of the PVTG Population in Different States (2001 Census)

Sl. No.	State	Number of PVTGs	Population 2001 Census	Population wise Ranking
1.	Chhattisgarh + Madhya Pradesh	08	7,85,720	1
2.	Maharashtra	03	4,08,668	2
3.	Jharkhand	09	3,87,358	3
4.	Andhra Pradesh	12	3,34,144	4
5.	Tamil Nadu	06	2,17,937	5
6.	Tripura	01	1,65,103	6
7.	Gujarat	05	1,06,775	7
8.	West Bengal	03	85,983	8
9.	Rajasthan	01	76,237	9
10.	Odisha	13	68,745	10

11.	Uttarakhand	02	47,288	11
12.	Karnataka	02	45,899	12
13.	Kerala	05	20,186	13
14.	Bihar	09	10,873	14
15.	Uttar Pradesh	02	5,365	15
16.	Manipur	01	1,225	16
17.	Andaman Nicobar	05	816	17

In five states namely, Madhya Pradesh, (including Chhattisgarh), Maharashtra, Jharkhand, Andhra Pradesh and Tamil Nadu, the PVTGs constitute more than 77% of their total population covering 38 out of 75 PVTGs. Table 2 gives a list of 19 PVTGs having less than 1000 population.

Table 2. PVTGs with less than 1000 Population (2001 Census)

<i>Sl. No.</i>	<i>Name of the PVTG</i>	<i>Population</i>
1.	Birjia (Bihar)	17
2.	Sentinelests (Andaman & Nicobar Islands)	39
3.	Great Andamanese (Andaman & Nicobar Islands)	43
4.	Onge (Andaman & Nicobar Islands)	96
5.	Birhor (Madhya Pradesh)	143
6.	Asur (Bihar)	181
7.	Mankidias (Odisha)	205
8.	Jarawa (Andaman & Nicobar Islands)	240
9.	Cholanaicken (Kerala)	326
10.	Shompen (Andaman & Nicobar Islands)	398
11.	Birhor (Bihar)	406
12.	Savar (Bihar)	420
13.	Raji (Uttarakhand)	517
14.	Sauria Pharia (Bihar)	585
15.	Birhor (Odisha)	702
16.	Korwa (Bihar)	703
17.	Todas (Tamil Nadu)	875
18.	Kota (Tamil Nadu)	925

19.	Raji (Uttar Pradesh)	998
Total		7,819

At the other Extreme, there 4 PVGTs having a population of more than 50,000 but less than a lakh (Table 3)

Table 3. PVTGs with more than 50,000 Population (2001 census)

<i>Sl. No.</i>	<i>Name of the PVTG</i>	<i>Population</i>
1.	Konda Reddis (undivided Andhra Pradesh)	83,096
2.	Dongaria Khond (undivided Andhra Pradesh)	85,324
3.	Saharia (Rajasthan)	76,237
4.	Lodha (West Bengal)	84,966
Total		3,29,623

There are 8 PVGTs who have more than 1 lakh population as given below in Table 4.

Table 4. PVTGs with more than one lakh Population (2001 Census)

<i>Sl. No.</i>	<i>Name of the PVTG</i>	<i>Population</i>
1.	Saharias (Madhya Pradesh & Chhattisgarh)	4,50,217
2.	Baigas (Madhya Pradesh/ Chhattisgarh)	3,32,936
3.	Katkarias/ Kathodis (Maharashtra)	2,35,022
4.	Kolam (Maharashtra)	1,73,646
5.	Riang (Tripura)	1,65,103
6.	Hill Kharia (Jharkhand)	1,64,022
7.	Irullas in Tamil Nadu	1,55,606
8.	Mal Paharia (Jharkhand)	1,15,093
Total		17,91,645

Each of 75 PVTGs is small in number, currently different from one another and lives in remote habitat with poor administrative and infrastructure backup. The PVTGs are becoming increasingly vulnerable due to loss of their customary habitats and the livelihood resources which sustained them due to non-recognition of their right. This

is leading to hunger/starvation, malnutrition and ill health and erosion of traditional occupation which is threatening their very survival some of them are even on the verge of extinction. They include Shompens, Jarawas, Sentinelese of the Andaman and Nicobar Islands; Bondos of Odisha, Cholanaickans of Kerala, the Abhujmarias of Chhattisgarh; Birhors of Jharkhand. The PVTGs need special and undivided attention on priority for their protection and support in view of their fragile living conditions and prevailing socioeconomic vulnerability and diminishing numbers. The State wise list of PVTGs is given in Table 5.

Table 5. State/UT wise list of Particularly Vulnerable Tribal Group (PVTGs)

<i>Sl. No.</i>	<i>Name of State/ Union Territory</i>	<i>Name of PVTG</i>
1.	Andhra Pradesh (including Telangana)	Chenchu
2.		Gadaba
3.		Gadaba
4.		Kondhs
5.		Kuttiya Kondhs
6.		Kolam
7.		Kondareddis
8.		Savaras
9.		Bondo poroja
10.		Porja
11.		Parangiperja
12.		Thoti
13.	Bihar (including Jharkhand)	Asur
14.		Birhor
15.		Birjia
16.		Hill Kharia
17.		Korwa
18.		Mal Paharia
19.		Parhaiya
20.		Sauria Paharia
21.		Savar
22.	Gujarat	Kolgha

23.		Kathodi
24.		Kotwalia
25.		Padhar
26.		Siddi
27.	Karnataka	Jenu Kuruba
28.		Koraga
29.	Kerala	Cholanaickan
30.		Kadar
31.		Kattuyanakan
32.		Koraga
33.		Kurumbas
34.	Madhya Pradesh (including Chhattisgarh)	Abhujh Marias
35.		Baiga
36.		Bharia
37.		Birhor
38.		Hill Korbas
39.		Kamar
40.		Saharia
41.	Maharashtra	Katkari
42.		Kolam
43.		Maria Gond
44.	Manipur	Maram
45.	Odisha	Chuktia Bhunjia
46.		Birhor
47.		Bondo
48.		Didayi
49.		Dongria Khond
50.		Juang
51.		Kharia
52.		Kutia Kandha
53.		Lanjia Soara
54.		Londha
55.		Mankirdia
56.		Paudi Bhuyans

57.		Saura
58.	Rajasthan	Seharia
59.	Tamil Nadu	Irular
60.		Kattunayakan
61.		Kota
62.		Kurumbas
63.		Paniyan
64.		Toda
65.		Tripura
66.	Uttar Pradesh (including Uttarakhand)	Buksa
67.		Raji
68.	West Bengal	Birhor
69.		Lodha
70.		Tota
71.	Andaman & Nicobar Islands	Great Andamanese
72.		Jarawas
73.		Onges
74.		Santenelese
75.		Shompens

GUIDELINES FOR SUBMISSION OF PROJECT PROPOSALS

ELIGIBILITY CONDITIONS

The project proposals should aim at **STI Solutions** benefitting **only PVTGs**. **100% of the total beneficiaries of the project should belong to PVTG Community**. The following organizations/institutes are eligible for receiving financial support under Tribal Sub Plan Scheme of SEED Division

(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

- A minimum of three years of existence after registration as Society/Trust etc.
- Field level experience in technology development, dissemination, delivery and management.
- Experience in handling projects having focus on S & T with support from Scientific Departments of Government of India.
- The organization has not been blacklisted by any Central or State Government Department.

In addition, Private Academic Institutions and NGOs 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.
- 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

Project proposal from other entities may also be considered in accordance with the norms for financial support to them as laid by other divisions of DST. The project proposals will be screened in/processed for financial concurrence as per the terms and conditions laid by the respective divisions supporting projects from such entities

ONLINE 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 (hard copies or through e-mails) 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 the link **Accelerated Development of PVTGs.**
2. Before filling up the form candidates are advised to carefully go through the guidelines, terms and conditions.
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.
7. 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.

8. The enclosed conflict of interest document (Annexure – VI) should also be signed and submitted.

9. There is no limit on the number of proposals to be submitted by an Institute/Organisation.

10. The person applying for project shouldn't have more than 2 ongoing projects under SCSP and TSP Schemes. For considering subsequent project (third) project, the two earlier supported (ongoing) projects should be at midterm level of implementation.

11. The submission of proposals is open to all categories and the investigators submitting proposal may not necessarily belong to ST Community.

12. The Last Date for Submission of Online Proposals is 15/01/2023 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.**

CRITERIA FOR EVALUATION

The project proposals submitted online 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, impact and significance to the beneficiaries.

- (i) Relevance with the Call and mandate of the programme
- (ii) Relevance of the proposal with the objectives of the programme
- (iii) Demand or need of proposed interventions
- (iv) Novelty, feasibility and scientific merit of proposed interventions
- (v) The improvement (novelty) of proposed interventions over existing alternatives
- (vi) Clear definition/identification of problem based on livelihood system analysis
- (vii) Clear articulation of methodology and the expected outputs and outcomes for the benefits of the target population.
- (viii) Clear delineation of roles and responsibilities of collaborators.
- (ix) Technical, Social and economic viability of proposed interventions.
- (x) Credibility, Track Record and Commitment of Project Team/Institute in implementing S&T based projects

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 EC is final and binding.

The project proposals received online will be shortlisted by the Departmental Screening Committee comprising of experts from the EC also. The shortlisted proposals 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.

OTHER GENERAL INFORMATION

1. The proposal should be specifically aimed at accelerated development of PVTGs through Science and Technology inputs/processes
2. Proposals should focus on specific aspects of identified problem, which can be addressed in a reasonable period of time which should not exceed over three years. Proposals with shorter duration would be looked at favorably.
3. As far as possible, the proposed interventions should be based on (i) review the livelihood systems/socio-economic status of the target population and (ii) identifying the priorities for accelerated growth of beneficiaries under consideration.
4. The proposed interventions should consider the earlier made efforts by various organisations/groups and already existing STI solutions.
5. The project proposal should focus on matching the critical gap areas where the expertise of your group can effectively contribute to fulfilling the needs.
6. The Principal Investigator and Co-Investigator should have scientific expertise and relevant qualification to implement the project in proposed area of intervention.
7. A well-defined partnership with Knowledge Organisations, Non-Government Organisations and Institutions of Local Governance are encouraged.
8. Interventions focusing on issues of Multidimensional Poverty (MDP) can be the components of the project.
- 9. Direct Welfare Activities will NOT be considered for financial support.**
- 10. Only Proposals on interventions aiming at (i) Improving the efficiency of Welfare System and (ii) Improving Livelihood System efficiency through Science Technology and Innovation (STI) will be considered for support**

11. Proposals crosscutting with the activities of line function Ministries/Departments, extensions activities of KVKs, activities falling under NRLM/SRLM will NOT be considered for financial support.

12. The project should clearly bring out how it will benefit the target population.

13. Financial support would be provided for purchase of equipment and creation of small infrastructure (including common facility centers) as per extant norms of DST.

14. Efforts should be made for the direct involvement of PVTGs in the project so that technology transfer/interventions could be done effectively.

15. 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.

16. The project should not lead to environmental degradation or ecological imbalance.

17. The project activities should be oriented towards generation of self-employment/ additional revenue generating and should not displace current job/livelihoods.

18. The focus should be on strengthening the local level self-reliance through Science Technology and Innovation.

19. The project should develop strategies for S&T absorption capacity building, Knowledge improvement and innovation capabilities among the beneficiaries.

20. Please submit only the duly filled in application form along with the Annexures. Do not submit/upload the call document and the guidelines.

GUIDELINES FOR RELEASING OF THE GRANT

1. The projects recommended for financial support by EC will be put up for financial concurrence of Integrated Financial Division (IFD) of DST. The decision of DST will be final regarding approval of the project.

2. Costs for Manpower, Consumables, Travel, Trainings/Demonstrations, Field Trials/Testing, Infrastructure/Equipment, Fabrication Costs, Contingencies, Overheads, Costs for monitoring/evaluation by experts etc shall be supported as per extant norms/guidelines.

3. The emoluments for manpower shall be sanctioned as per extant norms of DST or as per any other specific guidelines issued by Programme Division (PD) from time to time with approval of competent authority.

4. In case of project duration of more than 12 months, the entire sanctioned amount (both general and capital) for first year of the project will be released.
5. For projects having duration of less than 12 months, 80% of recurring and 100% of non-recurring cost will be proposed for release by Programme Division.

GUIDELINES FOR GRANTEE ORGANIZATIONS

1. The entire grant released in the project is to be kept mandatorily in an interest-bearing Government bank account and interest accrued at the end of financial year is to be deposited in bharatkosh.gov.in, with submission of receipt to the Programme Division.
2. The extant GFR rules are to be followed while incurring expenditure under the project and submission of audited accounts (Utilization Certificate, Statement of Expenditure etc).
3. As far as possible, equipment should be purchased through Government e-Market (GeM) portal.
4. In case the equipment is not available in GeM or has to be fabricated, prior approval of DST should be taken from DST for purchase of the same through other sources/vendors.
5. Any expenditure in the project is to be incurred only through EAT module of PFMS or as per guidelines issued by the Department from time to time
6. Subsequent release of the grant for the project is subject to satisfactory progress of the project in EC review meetings and/or field visit of the project site and timely submission of progress report and audited accounts for the project.
7. The release of subsequent installments will be generally restricted to 50-80% of the recurring grant and 100% of non-recurring grant sanctioned for that particular year, depending on expenditure made in the previous year.
8. The final installment will be released only after Completion of the Project, Review of Output/Outcomes of the Project and Endorsement of Project Completion Report by the EC/PAC and submission of requisite documents by the institute.
9. The Principal Investigator (PI)/Host Institution (HI) will follow all the guidelines as contained in the GFR 2017.
10. The Principal Investigator (PI)/Host Institution (HI) shall submit performance cum achievement reports after the end of the financial year, and in any case, not later

than six months after the closure of the financial year under Rule- 242 (2) of GFR- 2017.

11. Other provisions of GFR would also apply to the project/PI including any other changes/modifications/new rules/guidelines issued by Government of India from time to time.

12. The organization receiving the grant should ensure placing of Annual Reports in Parliament as per the extant terms and conditions laid down in GFRs as per Rule 238(6).

13. The NGOs accounts will be open to audit by the CAG or internal audit of the program by DST.

14. The equipment/infrastructure procured in the project should be handed over to the beneficiaries after the completion of the project.

15. The Principal Investigator (PI)/Host Institution (HI) has submit a request to DST in case they need to retain any equipment/infrastructure procured in the project

16. Institutions/organization receiving funds for execution of the project would assume financial and legal administrative responsibility for execution of the project.

17. Organizations are discouraged from simultaneously taking up/submitting several projects in different schemes of the SEED division, DST.

18. Project implementing agency/organization will be responsible in case of any legal dispute between the agency/organization and PI/Co-I/project staff. DST will not be liable for such legal cases of disputes.

19. In case of multi-institutional project, the Principal Investigator (PI) must furnish formal agreement from the collaborating institutions/ scientists.

20. Project proposals on routine training/awareness/surveys are not considered. Projects on skill development related to Computer Training (Hardware & Software), Mobile Repairing, Fashion Technology, and Tailoring are not accepted. Project Proposals with interventions and trainings on well standardized technologies and packages for Vermin-composting, Mushroom Cultivation, Apiculture, Aquaculture, Pickle/Jam Making etc. are also not accepted. Replications of technology packages, which are standardized and available, are further not supported. Trainings for STI Capacity Building for improving/creation of livelihood may be one of the components of the project, but the project proposal should not be entirely on trainings.

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Last Date for Submission of Online Proposals is 15/01/2023

TIPS FOR THE ACTION/FIELD ORIENTED PROJECTS

(1) Identify the project area and project site based on a preliminary assessment of the areas as well as the people, using the following criteria:

- Minimum level of infrastructural facilities particularly roads, electricity and potential for irrigation.
- Presence of local organizations like Panchayats or cooperative or voluntary groups.
- Certain numbers of homogenous villages are preferable in terms of their social structure.
- Consultation with the concerned official in the area is desirable.

(2) Identify the common resources in the village and the way the people utilize them or envisage utilizing them and the type of supervisory function exercised by the village community on these resources. If available, use remote sensing data or other relevant tools/PRA for resource mapping.

(3) Other Initiatives and Programmes

- Identify any of the regular development programmes being implemented in the project area, agencies involved and beneficiaries covered. Identify sources of funds for these schemes in operation by Government sponsored programmes so that where possible, their efforts could be integrated into the experimental projects.
- Assess the impact of the ongoing programmes.

(4) Building up rapport with the identified people at project sites by frequent informal visits, meeting with all sections of the people, discussion with leaders culminating in organizing gram sabha meetings.

(5) Involve the local panchayat /organization in

- Identification of the beneficiaries
- Identification of technology intervention need and schemes for the beneficiaries in consultation with them
- Providing local supervision in the implementation of the programme

Attempt should be made to develop the project in consultation with local Panchayat/ beneficiaries and they should be educated to handle the project on a continuous basis. This will be one of the measures of the success of the action research project.

FORMAT FOR SUBMISSION OF PROJECT PROPOSALS

ACCELERATED DEVELOPMENT OF PARTICULARLY VULNERABLE TRIBAL GROUPS (PVTGS)

PART I – GENERAL INFORMATION

1. Project Title:
2. Name of the targeted PVTG and Location of Project Area (State and District):
3. Name of the Institution & Address:
4. Type of Organization/Institution:

<i>Type</i>	<i>Please Tick</i>
Academic institution	
Research Organization	
State S&T Council	
Voluntary Organization/NGO	
Panchayati Raj Institution (PRI)	
Krishi Vigyan Kendra	
Other (please specify)	

Note: Collaborative proposals will be generally encouraged

5. Collaboration, if any:

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

6. Details of the Project Team (details of all the investigators should be given)

i. Principal Investigator	
Name	

Date of Birth	
Highest Qualification	
Designation	
Department	
Institute/University	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	
ii. Co Investigator	
Name	
Date of Birth	
Highest Qualification	
Designation	
Department	
Institute/University	
Complete Address with Pin Code	
Telephone and Fax Numbers	
Mobile Number	
E – Mail	

7. Whether your organization has been sanctioned DST projects or by other central/state government or from foreign funding agencies in the past (up to 5 years)? YES/NO. **If yes, provide details as given below**

(i) Details of ongoing/completed projects of the investigator(s) during the last 5 years

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

(ii) Details of ongoing/completed projects of the Institute during the last 5 years

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

8. Whether, your organization is receiving core support from SEED, DST? Yes/No. If yes, indicate whether activities of the present proposal are covered under the approved activities of core support provided to your organization by SEED, DST? Please also give a list of approved activities under Core Support.

Sl. No	<i>Objectives (give all the objectives)</i>

(Note: Core supported groups must ensure to avoid duplication of activities approved under core. However, proposed intervention /objectives as a new proposal for identified core activity towards innovative interventions may be considered).

9. Whether project activities require any clearance from relevant authorities in respect of any environmental/legal/ethical issues? Yes/No

10. Duration (months):

11. Total Cost (in Rs):

(a) Recurring Cost (in Rs):

(b) Non-recurring Cost (in Rs):

12. NGO Darpan ID (in case of NGOs/Private Academic Institutions) and Unique Code in PFMS:

PART II – TECHNICAL DETAILS OF THE PROJECT

1. Project Title:

2. Details of the target beneficiaries (should correspond with the details given in Annexure-I)

<i>Sl. No</i>	<i>Name of the PVTG</i>	<i>State</i>	<i>District</i>	<i>Block</i>	<i>Village</i>	<i>No of Beneficiaries</i>

3. Profile of the Project Area:

(a) Give details of geographical area, climate, land use pattern & cropping patterns, availability of natural resources & raw materials (relevant to project interventions)

(b) Demographic details and Socio-economic profile (type of target beneficiaries, total size of target group(s), % of PVTG of total population in project area, details of social conditions, current occupations of the target beneficiaries, present average annual income, availability of basic amenities and facilities etc.)

(c) Indigenous Knowledge (IK)/Traditional Knowledge (TK), Skill and Practices and the problems identified (Community Knowledge and availability of IK skills/TK skills, Details of existing special skills/trades, including art, craft etc. of the target population)

(d) details on health and nutrition, education, quality of life (Cooking Fuel, Sanitation, Drinking Water, Electricity, Housing etc)

4. Statement of the problem and Technology Gaps:

(a) State the main problem of the targeted PVTG you seek to address (may refer to the call document for identified priority areas)

(b) What are existing STI gaps and how did you come to know of this?

(c) Why is it important to solve the identified gaps?

5. Review of Status/Earlier Works and/or Initiatives (Are you aware of any other initiative related to proposed activities to solve this problem? What were the outcomes?)

6. Suggested STI solutions:

(Describe how the proposal will lead to a novel and effective solution, based on a scientifically and technically sound concept and keeping in view the user needs and local availability of resources)

(a) Outline your idea or solution you plan to develop:

(b) Nature of proposed interventions:

Technology development (new technology, new product/process)	
Adaptive R&D (Location Specific Research & Technology Development including Technology modification/modulation/ optimization, up/down scaling of existing systems, technology adaption/adoption etc)	
Technology transfer (field trials, demonstrations & transfer of technology)	
Technology dissemination (Replication of successful models, deployment of new and available technologies for identified problem)	
Others (Please specify)	

(Please tick all the relevant categories)

(c) Source of proposed STI solutions/interventions:

<i>Source</i>	<i>Name of agency/institution/individual</i>
Generated in-house by staff	
Generated in-house by employing outside experts	
Borrowed from an outside institution/expert	
Modification of technology/know-how being used by the beneficiaries	
Any other (please specify):	

(d) Mention the importance of the project in context of earlier works and how the instant project will provide better and sustainable STI solutions to the identified problem and user needs

7. Objectives (well defined, restrict to 3-4 objectives and should correspond to the identified problems)

8. Methodology and Work Plan:

(a) State the methodology in a sequence of clearly defined steps leading to achievement of the stated objectives (Describe how the project will leverage livelihood/economic opportunities and solve the challenges in a sustainable way. Also explain how, and in what way, the project will contribute to the advancement of knowledge and STI Capacity building of the beneficiaries. Support with defined steps/relevant process details, e.g. flow chart, model, survey procedures, protocols, engineering design/schematic/layout plan etc.)

(b) Phase wise Work plan of action with time line and deliverables in tabular form

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

9. Details/Mechanism for the involvement of PVTGs in the project (Please indicate how mobilization & participation of beneficiaries in the project work will be ensured)

10. Science &Technology component/Innovativeness/Novelty of the project.

11. Deliverables and Benefits

(a) Expected Deliverables of the Project (5-6 clear cut deliverables)

(b) Expected benefits to the target groups/population (5-6 clear cut benefits)

12. Give a brief description the social and economic impact the project will create in the livelihood system of target beneficiaries

13. Self-sustainability of the project

(a) Exit Plan after SEED Divisions project support is over

(b) Possibility of replication of project in similar areas (after the proposed technological solution is proven, how it will be scaled up or taken forward – whether by involving state government for large scale technology dissemination or via market or any other means - any entrepreneur or business person can be involved in any manner?):

14. Monitoring and Evaluation Framework (Please give tentative indicators for output-outcome based monitoring to assess the success of the project/ proposed interventions)

Note: (a) The tentative indicators developed for output-outcome based monitoring by DST is enclosed in Annexure – VII.

(b) You may also give any other indicators deemed fit by you the success of the project/ proposed interventions.

Sl. No.	Indicators	Expected Output	Expected Output
1.			

15. Budget Summary (in Rs):

Recurring Cost (in Rs):

Non-Recurring cost (in Rs):

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

**The budget under construction cost is only for low cost structures like Common Facility Centre and not for construction of new buildings or structures. Approval of such grant is at sole discretion of DST and as per extant GFR norms.*

PART III: 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.					
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)

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.					
TOTAL					

(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				
3.	Onsite Review Meetings by Experts				
TOTAL					

(Tentative budget to be proposed for two meetings a year – should cover the travel cost, accommodation and local field visits of 4-6 experts)

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.					
TOTAL					

5. BUDGET FOR OTHER COSTS

<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					

(This head will cover costs for technology testing, field trials, deployment, patents etc)

6. BUDGET FOR CONTINGENCIES

Sl. No	Item	Budget			
		1st Year	2nd Year	3rd Year	Total
1.					
TOTAL					

(Should be for unforeseen costs)

7. BUDGET FOR OVER HEADS

Sl. No	Item	Budget			
		1st Year	2nd Year	3rd Year	Total
1.					
TOTAL					

B. NON-RECURRING

BUDGET FOR PERMANENT EQUIPMENT/STRUCTURES

Sl. No.	Item	Budget			
		1st Year	2nd Year	3rd Year	Total
1.	Equipment				
2.	Fabrication Costs				
3.	*Construction Costs				
TOTAL					

Detailed justification for each and every item of equipment should be given

Bill of materials/estimate for fabrication and construction cost should be provided

*The budget under construction cost is only for low cost structures like Common Facility Centre and/or renovation or refurbishing of existing space and not for construction of new buildings or structures. Approval of such grant is at sole discretion of DST and as per extant GFR norms.

PART IV: DETAILS OF THE IMPLEMENTING INSTITUTE

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 equipments).

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 DST guidelines
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/Kmas 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) – online	
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
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) – To be submitted 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: 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.

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,

- (a) Due to any reason by which the Reviewer/Committee Member cannot deliver fair and objective assessment of the proposal.
- (b) 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.
- (c) 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.
- (d) The applicant to the grant/award belongs to the same Department as that of the Reviewer/Committee Member.
- (e) The Reviewer/Committee Member is a Head of an Organization from where the applicant is employed.
- (f) The Reviewer /Committee Member is or was, associated in the professional career of the applicant (such as Ph.D. supervisor, Mentor, present Collaborator etc.)
- (g) The Reviewer/Committee Member is involved in the preparation of the research proposal submitted by the applicant.

- (h) The applicant has joint research publications with the Reviewer/Committee Member in the last three years.
- (i) 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.
- (j) 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.

4. 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

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.

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.

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

For a) Reviewers / Committee Members and b) Applicant: Any breach of the code of conduct will invite action as decided by the Committee.

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)

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)

<i>Sl. No</i>	<i>Indicators</i>	<i>Numbers</i>
1	New technologies/ techniques/ tools/processes to be developed	
2	Technologies/ techniques/ tools to be deployed (existing technologies)	
3	Technologies to be modulated and deployed (adaptive R&D)	
4	Technologies to be field tested (new and modulated technologies)	
5	Technologies that can be transferred	
6	Technologies that can be commercialized	
7	Reports/Manuals that can be generated	
8	Patents (applied/granted) if any [expected to be generated]	
9	Paper published, if any Popular articles, awareness leaflets, pamphlets developed and published	
10	Short duration user friendly video/photo gallery produced using available handy cameras for technology popularization	
11	Beneficiaries covered under the Project (Numbers with gender wise percentages: District wise, age groups wise)	
12	New SHGs/CIGs/TAG's to be formed under the Project and how many are all women SHG	
13	Existing SHGs/CIGs/TAG's to be strengthened under the Project	
14	Agriculture Land Covered to be for project interventions	
15	FPOs to be formed under the Project	
16	Awareness, Training and skill development Programmes Conducted with number of male and female participants	
19	Manpower to be trained- total with gender wise percentages	
20	Youth to be employed- total with gender wise percentages	

21	Common Facility, village community Centers/ Rural science and technology translation and dissemination hub (new or upgraded)/Permanent Structures/Common Resources to be Created	
22	Beneficiaries directly using the facilities to be created	
23	Beneficiaries indirectly using the facilities to be created	
24	HHs(households) to be involved	

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

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

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 Govt schemes and any subsidy availed from Govt agencies	
20	Community's empowerment (technology user group formed; saving cum credit group; health improvement etc.)	
21	Database/Documentation of livelihood system, indigenous resources and knowledge capacity and aspiration.	