

## PROFORMA III

### UTTARAKHAND COUNCIL FOR BIOTECHNOLOGY (UCB) (An Autonomous Body of Govt. of Uttarakhand)

#### PROFORMA FOR SUBMISSION OF PROJECTS UNDER BIOTECHNOLOGY-BASED PROGRAMMES FOR RURAL DEVELOPMENT

#### **Guidelines for formulation of R&D/training proposals for consideration under Biotechnology-based programmes for rural development**

(First page should mention only: Title of project/activity, Name of PI and contact details of PI along with name of institution)

1. The proposal should specifically be aimed at welfare of rural population using biotechnological processes/techniques.
2. The proposal/project should focus on field demonstration/extension oriented activities with little R&D component wherever needed.
3. The project should clearly bring out how it will benefit the target population.
4. In view of its extension-oriented programme, sophisticated and costly equipment would not be provided. Marginal support would be provided for creating small infrastructure/equipment, if it is absolutely essential.
5. In case of R&D project, infrastructure will be provided wherever needed.
6. Site for project implementation, as far as possible, should be in the vicinity of the targeted population and should not be concentrated at the PI's Institute.
7. The efforts should be mainly for the direct involvement of Women & Rural Population in the project so that technology transfer could be done effectively.
8. The technology or extension programme should be selected taking into consideration local resources.
9. Attention should be paid to increase income generation in addition to their present occupation.
10. The project should not lead to environmental degradation or ecological imbalance. Assessment in this regard must be submitted along with the project proposal.
11. The project should be employment/revenue generating and not job displacing.
12. Terms & conditions of the grants-in-aid may be seen at Annexure-IV.

#### **PRIORITY AREAS**

1. **Agricultural Biotechnology**
  - (a) Plant Tissue Culture
  - (b) Floriculture

- (c) Biopesticide Production
- (d) Biofertilizers
- (e) Aquaculture
- (f) Livestock Development
- (g) Sericulture
- (h) Cultivation of Medicinal and Aromatic Plants.

**2. Environmental Biotechnology**

- (a) Formulation of Herbal Products
- (b) Pharmaceutical and Health Products
- (c) Solid Waste Recycling-Vermicomponent
- (d) Industrial Effluent Treatment
- (e) Post-Harvest Technology
- (f) Immunodiagnosics and Recombinant Vaccines
- (g) Biodiversity Conservation and its Sustainable Use

**PART I: GENERAL INFORMATION**

(To be filled by the applicant)

(First page should mention only: Title of project/activity, Name of PI and contact details of PI along with name of institution)

1. Project Title:
2. Broad Subject Area (as per the list of priority areas enclosed): \_\_\_\_\_  
\_\_\_\_\_
3. Duration: \_\_\_\_\_ Years \_\_\_\_\_ Months \_\_\_\_\_
4. Total Cost: \_\_\_\_\_ Rs. \_\_\_\_\_ lakhs
5. Project Summary:
6. Keywords

**PART II: INVESTIGATOR PROFILE**

**7. Principal Investigator**

Name \_\_\_\_\_  
 Designation \_\_\_\_\_  
 Department \_\_\_\_\_  
 Institute/University \_\_\_\_\_  
 Address \_\_\_\_\_  
 Pin \_\_\_\_\_  
 Telephone \_\_\_\_\_ Telex \_\_\_\_\_ Fax \_\_\_\_\_  
 E-mail \_\_\_\_\_  
 Date of Birth \_\_\_\_\_ Sex: \_\_\_\_\_ SC/ST: \_\_\_\_\_

## 8. Co-Investigator

Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Department \_\_\_\_\_  
Institute/University \_\_\_\_\_  
Address \_\_\_\_\_  
Pin \_\_\_\_\_  
Telephone \_\_\_\_\_ Telex \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_  
Date of Birth \_\_\_\_\_ Sex: \_\_\_\_\_ SC/ST: \_\_\_\_\_

## 9. Co-Investigator

Name \_\_\_\_\_  
Designation \_\_\_\_\_  
Department \_\_\_\_\_  
Institute/University \_\_\_\_\_  
Address \_\_\_\_\_  
Pin \_\_\_\_\_  
Telephone \_\_\_\_\_ Telex \_\_\_\_\_ Fax \_\_\_\_\_  
E-mail \_\_\_\_\_  
Date of Birth \_\_\_\_\_ Sex: \_\_\_\_\_ SC/ST: \_\_\_\_\_

## PART III: TECHNICAL DETAILS OF PROJECT

### 10. Introduction

- a. Details of women population in the area, and how would they be benefited:
- b. Project details indicating the nature of the project (whether field demonstration/extension oriented activities).
- c. Details, of targeted population indicating how the project will benefit them.
- d. Objectives (covering description of the problem and expected solution).
- e. Details of the project implementation site (as far as possible should be in the vicinity of the targeted population).
- f. Description of the implementing agencies (Please enclose the paper regarding the Registration in case of NGOs).
- g. Expertise available with proposed investigating group/institution/NGO for implementing the project.
- h. Infrastructure available (including equipments).
- i. How the present training/activity would help in generating self employment opportunities in Uttarakhand
- j. How would this activity contribute towards economic development of state.

11. Work Plan (under the following heads on separate sheets):

- (a) Methodology
- (b) Organisation of work elements
- (c) Time schedule of activities giving milestones

S. No.	Name of Milestones	Expected Start (month/year)	Expected Completion (month/year)

12. Linkages with S&T Institution in case of NGOs.

13. Details of the **Involvement** of target population in the project along with training component so that technology transfer could be done effectively.

14. Details of raw materials/local resources needed in the project and/or available.

15. Justification for implementation of the project with full details as to how the target population will be involved.

16. 16. Indicate whether the project will help in maintaining environmental/ecological balances.

17. Details of employment/revenue generation through the project in long term/development of entrepreneurship.

18. Techno-economic viability/cost benefit analysis (to include cash flow, working capital management, pay back period, etc.)

19. Comment on the possibilities of the activity becoming self-sustainable.

20. Information about the economic skill/status of the target population.

21. Project implementing agency/agencies:

Name of Agency	Address of Agency	Proposed Amount	Cost Sharing %

22. Specify clearly the name of person along with designation in whose name demand draft/cheque has to be issued.

#### **PART IV: BUDGET ESTIMATE . SUMMARY**

**Budget (In Rupees)**

**A. Non-Recurring (e.g. equipments, accessories, etc.)**

S. No.	Item	Year 1	Year 2	Year 3	Total

**Sub-Total (A)**

**B. Recurring**

**B.1 Manpower (See guidelines at Annexure-III)**

S. No.	Position No.	Consolidated Emolument	Year 1	Year 2	Year 3	Total

**Sub-Total (B.1) =**

**B.2 Consumables**

S. No.	Item	Quantity	Year 1	Year 2	Year 3	Total

**Sub-Total (B.2) =**

Other items	Consolidated Emolument	Year 1	Year 2	Year 3	Total
<b>B.3 Travel</b>					
<b>B.4 Contingency</b>					
<b>B.5 Overhead (If applicable)</b>					1
<b>Sub-total of B (B.1+B.2+B.3+B.4+B.5)</b>					
<b>Grand Total (A + B)</b>					

**Note :** Please give justification for each head and sub-head separately mentioned in the above table.

Financial Year : April - March

In case of multi-institutional project, the budget estimate to be given separately for each institution.

## **PART V: DECLARATION/CERTIFICATION**

It is certified that

- a. the same project has not been submitted to any other agency/agencies for financial support/or already not completed with the financial support from other funding agencies.
- b. the scale of pay, allowance, etc. proposed are those admissible to persons of corresponding status employed in the Institute/University/NGO/Voluntary Organisation, and are in accordance with the guidelines on emoluments for research personnel as contained in Annexure - III
- c. 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, as contained in Annexure-V.
- d. 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 DBT).

**Signature of Project Coordinator**  
(applicable only for multi-institutional projects)  
**Date & Place:**

**Signature of Executive Authority  
of Institute/University with seal**  
**Date & Place:**

**Signature of Principal Investigator :**  
**Date & Place :**

**Signature of Co-Investigator**  
**Date & Place :**

**Signature of Co-Investigator**  
**Date & Place:**

**PART VI: PROFORMA FOR BIO-DATA OF INVESTIGATORS**

22. Name \_\_\_\_\_  
 Designation \_\_\_\_\_  
 Department \_\_\_\_\_  
 Institute/University \_\_\_\_\_  
 Address \_\_\_\_\_  
 Pin \_\_\_\_\_  
 Telephone \_\_\_\_\_ E-mail \_\_\_\_\_  
 Date of Birth \_\_\_\_\_ Sex: \_\_\_\_\_ SC/ST: \_\_\_\_\_

**Education (Post-graduation onwards) & Professional Career**

Sl No	University/Institution	Degree Awarded	Year	Award/Prize/Certificate

23. Research Experience in various institutions (if necessary, attach separate sheets).

24. Publications (number only)

Books                                  Research Papers/ Reports                                  General Articles  
 Patents                                  Others (Please specify)

**Note:** Principal Investigator and Co-Investigators should provide their bio0data in this format.

List of other ongoing projects/programmes aiming at rural upliftment/welfare.

Sl. No	Title of the Project	Funding Agency	Duration From To	No. of Scientists/ Associate s working under the project	Total approved cost of the Project(in Lakhs)

**Place:**

**Date:**

**Signature of the Investigator**