

অসম বিজ্ঞান প্রযুক্তিবিদ্যা আৰু পৰিৱেশ পৰিষদ
(বিজ্ঞান, প্রযুক্তি আৰু জলবায়ু পৰিৱৰ্তন বিভাগ, অসম চৰকাৰ)

ASSAM SCIENCE TECHNOLOGY AND ENVIRONMENT COUNCIL

(Science, Technology and Climate Change Department)

BIGYAN BHAWAN
G.S. ROAD
GUWAHATI – 781005
Assam, India



Telephone : 0361-2464621
: 0361-2450646
Fax : 0361-2464617
E-mail : astec@rediffmail.com
Website : astec.assam.gov.in

ASTEC/ENV/2095/2022/ 51

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Department of Science, Technology and Climate Change, Government of Assam invites participation of young science and engineering students to work towards creation of “Climate resilient Village” under the scheme of “Climate Resilient Village Fellowship Programme”. For that, we call for ongoing Science Post Graduates /Engineering Graduates students of the prescribed subjects. Total 100 villages of Assam are selected for studying different aspects for sustainable climate resilient development by employing “Climate Resilient Village Fellows.”

Last date of application: 25th January, 2023.

Nature of the activities will include the following-

1. Baseline study of the village.
2. Inventory and documentation of traditional practises of agriculture, natural farming, on-farm water management and irrigation methods.
3. Documentation of demographic features, land-use pattern etc of the village.
4. Documentation of biodiversity of the village and their traditional use.
5. Inventory and documentation of agro-ecology.
6. Inventory and documentation of traditional knowledge, wisdom, indigenous technologies and their uses.
7. Study of the impact of the industries/factories in the adopted village and nearby places.
8. Assessment of climate change vulnerability, adaptation and resilience.
9. Identification of certain areas for scientific interventions to make the villages climate smart and eco-smart.
10. Bio-mass, bio-char and carbon sequestration assessment.
11. Identification of sustainable livelihood options and agroforestry systems.
12. Generate innovative ideas for making the villages climate -resilient, promotion of carbon free culture among villagers, greening the earth and producing self-sustaining resources etc.
13. Capacity building activities with focus on women, students and youth.
14. Develop proof of concept for eco-smart village for inclusive development.
15. Awareness of pollution level in the village and identification of the source of different pollutions in the village and their effect on health, environment and the livelihood of the villagers.
16. Awareness of cleanliness among the villagers.

The fellows will be divided into 50 groups consisting two (2) participants and each group has to adopt two villages and work in the prescribed area. They will be trained briefly about the work to be carried after selection. During the Fellowship period, fellows have to upload all the

information to a portal to be developed by ASTEC as per format to be provided. Fellows may also consider a part of their work as his/her dissertation with prior permission from ASTEC.

Eligibility

Students pursuing M.Sc. in Environmental Science/ Ecology & Environmental Science /Chemistry/Physics/Zoology/Botany/Geography or B.E./ B.Tech in Environmental Engineering can apply for the fellowship.

How to apply

Candidates have to apply by filling up the application form attached below. They have to add all the necessary credentials as per the requirement along with a synopsis of 1000 words describing the candidates' proposal for working on climate change issues in village level. Filled form and all other testimonials should be sent by post to the address "The Director, ASTE Council, Bigyan Bhawan, near IDBI Bank, G.S. Road, Guwahati, Assam, PIN: 781005" with mentioning the title on the envelop as "Climate Resilient Village Fellowship Programme". The soft copy of dully filled form along with all other testimonials can also be sent via mail to climate.fellowship.astec@gmail.com .

Selection Procedure

There will be a written examination in OFFLINE mode in the exam centres chosen by the candidates. The exam will consist of 100 questions carrying 1 mark each. The exam pattern will be objective type MCQ. There will be no negative marking. The final selection will be done on the basis of the marks obtained in the written exam (60% weightage) and the Synopsis submitted (40% weightage).

Duration and work plan

The fellowship will be for **3-6 months** and after completion, they have to submit a report of their findings a work plan for the two assigned villages to create climate resilient environment. During their entire tenure, fellows will require to upload the findings in centralized platforms and selected mentors from different institutes will help them curate and manage their data. To begin with their work in the field, all fellows will be given small grant for entry point activities and small scientific interventions.

Remuneration

The fellows will be remunerated with **Rs. 20,000** for the entire time duration of their project (i.e., one time).

The candidates are advised to regularly visit our official website <https://astec.assam.gov.in/> for any further information.

Climate Resilient Village Fellowship Programme

Application Form

(Please fill the details in block letters)

1. Name of the student:

2. Date of Birth:

3. Sex:

4. Mother's Name:

5. Father's/Guardian's Name:

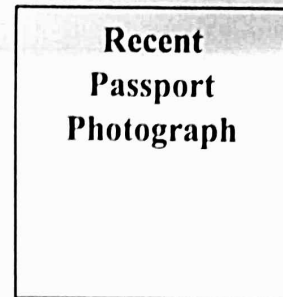
6. Permanent address:

7. Present address:

8. Contact No:

9. Email ID:

10. Educational Qualifications:



Examination	Name of the Institute	Subjects	Year of passing	Grades/% of Marks obtained	Division

12. Relevant Experience if any

Nature of the activity/responsibility	Name of the organization/ Employer	Duration

13. Any other relevant achievements

15. Exam Centre:

(Please choose from Annexure II)

16. Preferred Area of work:

17. Synopsis: Describe a proposal for addressing climate change issues in village level.

(Candidates are requested to kindly send the duly signed hard copy of the synopsis in printed/typed form not exceeding 1000 words.)

Declaration from the student

I,, S/D of, resident....., hereby declare that the information submitted by me in the application are correct and valid to the best of my knowledge. I will present the supporting document as and when required.

Signature

Place:

Name:

Date:

Documents to be enclosed

- Duly signed synopsis
- Birth Certificate
- 10th Boards marksheet and Pass certificate
- 12th Boards marksheet and Pass certificate
- B.Sc. Marksheet and Pass Certificate
- M.Sc. Marksheet
- Permanent Resident Certificate
- NOC from Head of the Institution/Register^{*}

*** Please see Annexure I**

Annexure I

No Objection Certificate

This is to certify that, resident of is a student of in our organization/institute. I have no objection in him/her taking part in the Climate Resilient Village Fellowship program organized by Assam Science Technology and Environment Council.

Signature of Head of Institution/Registrar

Name:

Date:

Annexure II

Exam Centres

Name of College
Darrang College, Tezpur
Bahona College, Jorhat
Kokrajhar College, Kokrajhar
Biswannath College, Biswanath
D.H.S. Kanoi College, Dibrugarh
Bholanath College, Dhubri
Gurucharan College, Cachar
Jawaharlal Nehru College, Boko
Madhab Choudhury College, Barpeta
Pranab Jubilee College, Bokajan
S. B. Deorah College, Guwahati