

JORHAT-785 008, ASSAM, INDIA

Ph.-91-376-2360467/ 2360974 / 2360475 Fax: 91-376-2360474, e-mail: director@tocklai.net, Web: www.tocklai.org

Ref: 3622/TOK/G.23/1460 14<sup>th</sup> November 2023

### Positions Available Under HUL Sponsored Project

Applications are invited from interested eligible candidates for the positions of two (02) **Research Associates** and five (05) **Research Fellows** under the Hindustan Unilever Limited sponsored project entitled "Moving Towards a Carbon Neutral Pathway for the Indian Tea Industry" at Climate and GIS Lab, Tocklai Tea Research Institute, Tea Research Association, Jorhat, Assam 785008 as per following details. The appointments will be purely on a temporary contractual basis for 18 months only and hence the Institute will not provide any employment after the completion of the project.

| SN | Position       | No of | Qualification                  | Monthly    | Job Responsibility      |
|----|----------------|-------|--------------------------------|------------|-------------------------|
|    | Details        | Post  |                                | Fellowship |                         |
| 1  | Research       | 1     | i) Essential                   | Rs. 28,000 | The Incumbent will      |
|    | Associate      | (one) | <b>Qualification</b> : M.Sc in | +10% HRA   | have to supervise       |
|    | (SN:1)         |       | Statistics. Minimum            | per month  | overall project-related |
|    | (Place of      |       | two years of research          | -          | activities, including   |
|    | work – Mainly  |       | experience in the              |            | designing surveys and   |
|    | at Tocklai Tea |       | relevant area.                 |            | other ways of           |
|    | Research       |       | Desirable                      |            | collecting data,        |
|    | Institute,     |       | Qualifications and             |            | statistical             |
|    | Jorhat. If     |       | Experience:                    |            | interpretation of data, |
|    | required, may  |       | Proficiency in                 |            | analyzing and           |
|    | be posted on   |       | statistical software           |            | identifying trends,     |
|    | other          |       | programs, including            |            | relationships in data,  |
|    | experimental   |       | SPSS, R or equivalent.         |            | data compilation,       |
|    | sites)         |       | Advanced knowledge             |            | report preparation,     |
|    |                |       | of statistical methods,        |            | etc.                    |
|    | The upper      |       | techniques, formulas           |            |                         |
|    | Age Limit is   |       | and tests.                     |            |                         |
|    | 40 years.      |       | ** Preference will be          |            |                         |
|    |                |       | given to the                   |            |                         |
|    |                |       | candidates having              |            |                         |
|    |                |       | PhD degrees in the             |            |                         |
|    |                |       | relevant area.                 |            |                         |

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Tea Research Association, 113 Park Street, Kolkata - 700 016, INDIA Ph: 91-033-22291815, 22297943, Fax: 91-033-22294271, Web: www.tocklai.org



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| 2 | Research       | 1     | Essential             | Rs. 28,000 | The Incumbent will      |
|---|----------------|-------|-----------------------|------------|-------------------------|
|   | Associate      | (one) | Qualification:        | +10% HRA   | have to supervise       |
|   | (SN:2)         |       | M.Tech/BE in          | per month  | overall project-related |
|   |                |       | Computer Science      |            | activities, including   |
|   | (Place of      |       | and Engineering       |            | software                |
|   | work - Mainly  |       | Minimum two years     |            | development, model      |
|   | at Tocklai Tea |       | of research           |            | development,            |
|   | Research       |       | experience in the     |            | calibration, validation |
|   | Institute,     |       | relevant area.        |            | and testing, assist in  |
|   | Jorhat. If     |       |                       |            | report preparation,     |
|   | required, may  |       | Desirable             |            | etc.                    |
|   | be posted on   |       | Qualifications and    |            |                         |
|   | other          |       | Experience: Good      |            |                         |
|   | experimental   |       | programming skills in |            |                         |
|   | sites)         |       | advanced Python,      |            |                         |
|   |                |       | experience in         |            |                         |
|   | The Upper      |       | machine and deep      |            |                         |
|   | Age Limit is   |       | learning tools like   |            |                         |
|   | 40 years.      |       | LSTM, con LSTM,       |            |                         |
|   |                |       | CNN, IOT design,      |            |                         |
|   |                |       | development and       |            |                         |
|   |                |       | programming           |            |                         |
|   |                |       | ** Preference will be |            |                         |
|   |                |       | given to the          |            |                         |
|   |                |       | candidates having     |            |                         |
|   |                |       | PhD degrees in the    |            |                         |
|   |                |       | relevant area.        |            |                         |

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| 3 | Research  | 1     | Essential  | Rs. 20,000    | The Incumbent will   |
|---|---|-------|--|---------------|--|
|   | Fellow  | (one) | Qualification:   | + 10% HRA     | have to conduct field  |
|   | (SN:3)  |       | M. Sc in Life Science /  | per month     | experiments,   |
|   | (Place of   |       | Botany   |               | implement  |
|   | work – Mainly   |       |  |               | treatments, data   |
|   | at Tocklai Tea  |       | Desirable  |               | collection and   |
|   | Research  |       | Qualification and  |               | analysis, assist in  |
|   | Institute,  |       | Experience: Minimum  |               | report preparation,  |
|   | Jorhat. If  |       | two years of research  |               | etc.   |
|   | required, may   |       | experience in the  |               |  |
|   | be posted in  |       | relevant area.   |               |  |
|   | other   |       | Knowledge of   |               |  |
|   | experimental  |       | computer applications  |               |  |
|   | sites)  |       | and statistics will be   |               |  |
|   | -   |       | preferred.   |               |  |
|   | The Upper   |       |  |               |  |
|   | Age Limit is  |       |  |               |  |
|   | 35 years.   |       |  |               |  |
| 4 | Research  | 1     | Essential  | Rs. 20,000    | The Incumbent will   |
|   | Fellow  | (one) | Qualification  | + 10% HRA     | have to conduct field  |
|   |   | -     | <b>C</b>   | . 10 /0 11101 | nave to conduct neid   |
|   | (SN:4)  |       | M. Sc in Chemistry /   | per month     | experiments,   |
|   | (Place of   |       | * *  |               |  |
|   | ` '   |       | M. Sc in Chemistry /<br>Soil Science   |               | experiments,   |
|   | (Place of   |       | M. Sc in Chemistry / Soil Science  Desirable   |               | experiments, implement   |
|   | (Place of<br>work – Mainly  |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and   |               | experiments, implement treatments, collection  |
|   | (Place of<br>work – Mainly<br>at Tocklai Tea  |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience:   |               | experiments, implement treatments, collection of soil data and   |
|   | (Place of<br>work – Mainly<br>at Tocklai Tea<br>Research<br>Institute,<br>Jorhat. If  |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in  |               | experiments,<br>implement<br>treatments, collection<br>of soil data and<br>analysis, assist in         |
|   | (Place of<br>work – Mainly<br>at Tocklai Tea<br>Research<br>Institute,<br>Jorhat. If<br>required, may                                 |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications                        |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of<br>work – Mainly<br>at Tocklai Tea<br>Research<br>Institute,<br>Jorhat. If  |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other                                |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications                        |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other experimental                   |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other                                |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other experimental sites)            |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other experimental sites)  Upper Age |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |
|   | (Place of work – Mainly at Tocklai Tea Research Institute, Jorhat. If required, may be posted in other experimental sites)            |       | M. Sc in Chemistry / Soil Science  Desirable Qualification and Experience: Knowledge in computer applications and statistics will be |               | experiments, implement treatments, collection of soil data and analysis, assist in report preparation, |

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| 5 | Research       | 1     | Essential              | Rs. 20,000 | The Incumbent will      |
|---|----------------|-------|------------------------|------------|-------------------------|
|   | Fellow         | (one) | Qualification          | + 10% HRA  | have to conduct         |
|   | (SN:5)         |       | M. Sc in               | per month  | carbon footprint        |
|   | (Place of      |       | Environmental          |            | accounting and GHG      |
|   | work – Mainly  |       | Science                |            | reporting, assist in    |
|   | at Tocklai Tea |       | Desirable              |            | report preparation,     |
|   | Research       |       | Qualification and      |            | etc.                    |
|   | Institute,     |       | Experience:            |            |                         |
|   | Jorhat. If     |       | Minimum two years of   |            |                         |
|   | required, may  |       | experience in similar  |            |                         |
|   | be posted on   |       | work especially GHG    |            |                         |
|   | other          |       | assessment, emission   |            |                         |
|   | experimental   |       | calculation, energy or |            |                         |
|   | sites)         |       | carbon data analysis,  |            |                         |
|   |                |       | management etc.        |            |                         |
|   | The upper      |       |                        |            |                         |
|   | Age Limit is   |       |                        |            |                         |
|   | 35 years.      |       |                        |            |                         |
| 6 | Research       | 1     | Essential              | Rs. 20,000 | The Incumbent will      |
|   | Fellow         | (one) | Qualification          | + 10% HRA  | have to conduct field   |
|   | (SN:6)         |       | MA/ M.Sc. in           | per month  | surveys and data        |
|   | (Place of      |       | Geography with         |            | collections, Geospatial |
|   | work - Mainly  |       | Specialization in      |            | Assessments,            |
|   | at Tocklai Tea |       | Geoinformatics         |            | Visualizations of       |
|   | Research       |       | or                     |            | geospatial data in the  |
|   | Institute,     |       | M.Sc/ M.Tech in        |            | form of maps and        |
|   | Jorhat. If     |       | Geoinformatics/        |            | diagrams and assist in  |
|   | required, may  |       | Remote Sensing &       |            | report preparation,     |
|   | be posted on   |       | GIS                    |            | etc.                    |
|   | other          |       | Desirable              |            |                         |
|   | experimental   |       | Qualification and      |            |                         |
|   | sites)         |       | Experience: Minimum    |            |                         |
|   |                |       | two years of research  |            |                         |
|   | The upper      |       | experience in the      |            |                         |
|   | Age Limit is   |       | relevant area.         |            |                         |
|   | 35 years.      |       | Knowledge of           |            |                         |
|   |                |       | Geospatial Data        |            |                         |
|   |                |       | Collection using GNSS  |            |                         |
|   |                |       | device and analysis of |            |                         |
|   |                |       | data in Google Earth   |            |                         |
|   |                |       | Engine, Google Earth,  |            |                         |
|   |                |       | ArcGIS Pro, QGIS, R    |            |                         |

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|   |                |       | etc.                   |            |                       |
|---|----------------|-------|------------------------|------------|-----------------------|
| 7 | Research       | 1     | M. Sc in Life Science  | Rs. 20,000 | The Incumbent will    |
|   | Fellow         | (one) | / Botany/Biochemistry  | + 10% HRA  | have to conduct field |
|   | (SN:7)         |       | Desirable              | per month  | experiments,          |
|   | (Place of      |       | Qualification and      |            | implement             |
|   | work –Terai    |       | Experience:            |            | treatments, conduct   |
|   | Advisory       |       | Knowledge of           |            | regular data          |
|   | Centre, Terai, |       | computer applications  |            | collection, assist in |
|   | North Bengal   |       | and statistics will be |            | report preparation,   |
|   | )              |       | preferred.             |            | etc.                  |
|   | The upper      |       |                        |            |                       |
|   | Age Limit is   |       |                        |            |                       |
|   | 35 years.      |       |                        |            |                       |

**Project Duration**: 18 Months only (extendable subject to satisfactory performance).

#### **General Instructions:**

- 1. The above posts are purely temporary and co-terminus with the project.
- 2. Candidates should submit a soft copy of the duly filled-application form as enclosed below alongwith all certificates to the email ID <a href="mailto:rupanjali.debbaruah@gmail.com">rupanjali.debbaruah@gmail.com</a> on or before 30 November, 2023 (02:00 PM).
- 3. Also, candidates need to fill up the Google form <a href="https://forms.gle/ierPdaNavpvFtS3t8">https://forms.gle/ierPdaNavpvFtS3t8</a> on or before 30 November, 2023 (02:00 PM).
- 4. Only shortlisted candidates will be called for an interview. No TA/DA or any other expenses will be provided for attending the interview.
- 5. Short-listed candidates must produce the original documents during the interview and need to carry a set of photocopies of all documents ( Certificates and Marksheets from Class 10 onwards, experience certificates, date of birth and Photo ID card etc.) for verification.
- 6. All other terms and conditions of appointment will be governed by prevailing Institute rules and the decision of the Chairman of the Selection Committee will be final and binding.
- 7. Selected candidates need to join immediately or at very short notice.
- 8. The Director, Tocklai Tea Research Institute, Jorhat, Assam reserves all rights of selection or rejection of a candidature including cancellation of the interview without assigning any reason thereof.

Director

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### **Application Form**

(Please complete the Google form <a href="https://forms.gle/ierPdaNavpvFtS3t8">https://forms.gle/ierPdaNavpvFtS3t8</a>. It is mandatory to submit both Application form and Google form for this advertisement)

Project Name: Moving Towards a Carbon-Neutral Pathway for the Indian Tea Industry

Please affix a recent passportsize colour photograph

| SN | Criteria  | Details |
|----|---|---------|
| 1  | Applying for Post No.   |         |
| 2  | Name of Position<br>Applying for                                  |         |
| 3  | Name(Dr./Mr./Mrs./Ms.)  |         |
| 4  | Father's Name   |         |
| 5  | Mother's Name   |         |
| 6  | Date of Birth (DD-MM-<br>YYYY)                                    |         |
| 7  | Age<br>(On November 1, 2023)<br>Years/Months/ Days                |         |
| 8  | Gender  |         |
| 9  | Permanent Address<br>(Vill/Town, P.O., P.S.,<br>Dist, State, PIN) |         |
| 10 | Present Address<br>(Vill/Town, P.O., P.S.,<br>Dist, State, PIN)   |         |

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| 11   | Contact No.  |                      |          |                 |                                     |
|------|--|----------------------|----------|-----------------|-------------------------------------|
| 12   | WhatsApp No.   |                      |          |                 |                                     |
| 14   | Email ID.  |                      |          |                 |                                     |
| 15   | Educational Qualification  |                      |          |                 |                                     |
| i    | Qualifications   | Board/<br>University | Subjects | Year of passing | % of Marks<br>[Covert<br>CGPA to %] |
| ii   | Class 10   |                      |          |                 |                                     |
| iii  | Class 12   |                      |          |                 |                                     |
| iv   | BA/B.Sc./ B.Tech   |                      |          |                 |                                     |
| v    | MA/M.Sc/ M.Tech  |                      |          |                 |                                     |
| vi   | PhD  |                      |          |                 |                                     |
| vi   |  |                      |          |                 |                                     |
| vii  |  |                      |          |                 |                                     |
| viii |  |                      |          |                 |                                     |
| 16   | CSIR-UGC NET/SET/<br>SLET including LS/DBT<br>JRF/ICMR-JRF/ICAR-<br>NET (year; roll no., rank) |                      |          |                 |                                     |
| 17   | GATE (year; registration no.; valid score; rank)   |                      |          |                 |                                     |
| 18   | Experience, if any(Attach relevant certificate/details)  |                      |          |                 |                                     |



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| 19     | in SCI journals, if any (attach photocopies of the first page) |   |
|--------|--|---|
|        |  | DECLARATION   |
| the be | est of my knowledge and be<br>FRI, TRA if I am declared by     | ments made in this application are true and complete to lief. I understand that action can be taken against me by them to be guilty of any type of misconduct mentioned |
| Date:  |  |   |
| Place  |  |   |
|        |  | Signature of the Candidate  |

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