



ICAR-Central Institute for Research on Cotton Technology

(Indian Council of Agricultural Research)

Adenwala Road, Matunga Mumbai



ISO: 9001:2015

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(Indian Council of Agricultural Research)

Adenwala Road, Matunga, Mumbai- 400019

File No. : 1-89/CIRCOT/Admin.I/2023

Date: 01.01.2024

Walk-in-Interview

Applications are invited from eligible candidates for the Research Associate (RA), and Senior Research Fellow (SRF) contractual position under the project entitled "**Engineering Microbial Factories for Enhanced Xylitol Production from Cotton Lignocellulosic Biomass using CRISPR/Cas9 Technology**" funded by ICAR, New Delhi under Genome Editing at ICAR-CIRCOT, Mumbai for the period of 2.5 years or till the completion of the project whichever is earlier. The eligibility criteria and other terms and conditions are as under:

Sr. No.	Position	Pay/fellowship	Qualification Required	Nature of Work
1.	Research Associate (RA) - One Post Project Title: Engineering Microbial Factories for Enhanced Xylitol Production from Cotton Lignocellulosic Biomass using CRISPR/Cas9 Technology	Rs.54000/- per month + HRA (for PhD) & Rs.49000/- per month + HRA (for Master Degree holders)	Ph.D. degree in a relevant field such as, molecular biology, biotechnology, biochemistry, microbiology, or a related discipline (life sciences). Specialization in genetic engineering, bioinformatic tools, CRISPR/Cas9 technology would be desirable. With Master's Degree: Master's degree in the molecular biology, biotechnology, biochemistry, microbiology, or a related discipline. with 4 years / 5 years of Bachelor's degree having 1st division or 60% marks or equivalent overall grade point average, with at least three years of research experience as evidenced from Fellowship/ Associateship/ Training/ other engagements as circulated vide F.No. 2-9/2012-HRD dated 25.04.2014 and one research paper in Science. Citation Index (SCI)NASS Rated (>4.0) Journal as per OM SR/S9/Z-09/2018 of DST dated 30.01.2019.	Optimization of pre-treatment and saccharification of cotton lignocellulosic biomass for efficient xylose release; CRISPR/Cas9 mediated genome editing in Candida spp. or other microbes for enhanced xylitol production; Optimization of conditions for maximum xylitol production using the engineered Candida spp. and interpretation of results, writing research reports and any other works assigned by PI.



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2.	Senior Research Fellow (SRF) - Two Post	Rs.31000/- per month + HRA for 1st and 2 nd year & 35,000 per month + HRA for 3 rd Year.	Master's Degree in the molecular biology, biotechnology, biochemistry, microbiology, or a related discipline. Note: Candidates having basic sciences with 3 years bachelor's degree should have NET qualifications and 2 years of research experience as mentioned in OM no. Edn./6/27/2014HRD dated 13th July, 2015 OM No. Agri Edn. 6/2762014 HRD 9th October, 2015 of the Council and OM SR/59/Z-09/2018 of DST dated 30th Jan, 2019. Or equivalent qualification. Desirable: Specialization in genetic engineering, bioinformatic tools, or CRISPR/Cas9 technology	Optimization of pre-treatment and saccharification of cotton lignocellulosic biomass for efficient xylose release; CRISPR/Cas9 mediated genome editing in Candida spp. or other microbes for enhanced xylitol production; Optimization of conditions for maximum xylitol production using the engineered Candida spp. and interpretation of results, writing research reports and any other works assigned by PI.
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Place of Walk-in-Interview for short listed candidates: ICAR-CIRCOT, Adenwala Road, Five Gardens, Matunga, Mumbai 400 019.

Date: Tentative date of interview will be 29.01.2024 at 10:00 AM for Research Associate & on same day at 11:30 AM for SRF. However, date of interview may be postponed depending on release of funds from ICAR, New Delhi.

Terms & Conditions:

1. The application should be filled as per attached Application form in PDF format and should be sent through email with all relevant documents to manojkumarpuniya114@gmail.com on or before **25.01.2024 (05:30pm)**.
2. Place of work will be ICAR-CIRCOT, Mumbai (Maharashtra) but may need to travel to any place in India in need of project related/office works.
3. Age limit **RA:** 40 Years for male and 45 years for female (Relaxation for SC/ST/OBC as per Govt. of India norms).
4. Age limit **SRF-** 35 Years for male and 40 years for female as per rules.
5. Age limit support staff: 21-30 Years (Relaxation as per GOI rules)
6. Candidate should possess 1st class or 60% marks or equivalent overall GPA
7. The selected candidate will be recruited initially for 12 months on contract basis as per rules and will be continued up to termination of project based on candidates' performance review at every 6 months interval.
8. The posts are purely temporary and co-terminus with project.
9. The candidate attending the walk in interview should ensure that they fulfill all the eligibility conditions.
10. Applicants need to produce their application giving full details of academic records and experience along with original and attested copies of documents related to age, qualifications and experience etc. and a recent passport size photograph on **29.01.2024 at 10.00 am**.
11. No TA/DA will be paid for appearing in interview or joining post, if get selected.
12. No correspondence will be entertained from the candidates for selection/ test/ appointment.



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13. Canvassing in any form will render the candidate disqualified for the post/posts.
14. No objection certificate from the employer in case he / she is employed elsewhere.
15. Selected candidates should be able to join immediately or at earliest, since project is time bound.
16. The decision of Director, ICAR-CIRCOT, Mumbai will be final and binding in all aspects regarding the selection to the post.

Sd/-

Sr. Administrative Officer