

Advt. No. 27/Project/2026/HR

Interview for the Position of Research Associate I & Field Assistant

Title of Project: Designing a climate-resilient rice variety for direct-seeded cultivation using CRISPR-based approaches.

Investigator: Dr. Ramu S. Vemanna, Associate Professor

Duration: Initially for one year, extendable to one more year based on performance.

Age Limit: Below 35 years

Position Emoluments	Qualification	Job description
Research Associate – I One position, Rs.58,000/- + 30% HRA	PhD in Biotechnology / Biochemistry Microbiology / Plant Biology / Bioengineering / Agricultural Microbiology / Life Sciences from a recognized university. Should have strong experience in design and development of research experiments related to plant physiology, functional biology with at least one first authored research paper in SCI journal. Candidate should have strong experience in genetic engineering, organelle biology, synthetic/structural biology, or metabolic pathway modification, preferably in rice photosynthesis with good analytical skills and familiarity with omics approaches (transcriptomics/metabolomics) and bioinformatics tools will be preferred.	• Engineering and functional characterization of <i>ribosomal protein encoding genes in rice</i> • Measurements of photon flux under DSR conditions • Isolation of organelles and gene editing, regeneration in rice. • Organelle isolation and quantification of biochemical enzymes. • Organelle transformation, Plant tissue culture. Gene editing. • DSR experiments • Data Integration & Reporting: Analyze experimental datasets (physiological, molecular, gas flux) and contribute to LCA • Assisting in project coordination and mentoring junior researchers/students.
Field Assistant One position, Rs.18,000/- + 30% HRA	Bachelor's degree (B.Sc./B.Tech.) or Diploma in Agriculture / Life Sciences / Environmental Science or related field. Basic knowledge of field experiments and agricultural practices. Candidate with experience in handling field trials, crop management, and soil sampling. Familiarity with greenhouse work, irrigation practices, and fertilizer application. Exposure to basic lab techniques sample preparation, weighing, data recording).	• Field Trial Management: Assist in layout, maintenance, and monitoring of experimental plots for crop productivity, data recording and soil health studies. • Sample Collection & Processing: Collect soil, plant, and water samples and ensure proper labeling, storage, and transport to the laboratory. • Assist in field-based measurements, installation and handling of sensors, and recording observations. • Logistics & Coordination: Support day-to-day field operations at different locations, and coordination with research staff.

Interested candidates should apply online by 27th August, 2026, 5.00 PM.

Click to apply online for [Research Associate - I](#) and [Field Assistant](#)

The shortlisted candidates will be informed by 28th August, 2026, 5:00 PM via email to appear in the online interview. Online Interview date and time: 02:00 PM on 31st August, 2026.

For any query, you may contact PI by Email : ramu.vemanna@rcb.res.in

Regional Centre for Biotechnology,
3rd Milestone, Faridabad-Gurgaon Expressway
NCR Biotech Science Cluster, Faridabad,
Faridabad – 121001, (Haryana).
Ph: 0129-2848800