

**INDIAN INSTITUTE OF TECHNOLOGY, ROORKEE
DEPARTMENT OF BIOSCIENCES AND BIOENGINEERING**

Dated: Nov 01, 2021

ADVERTISEMENT TO FILL UP PROJECT POSITIONS*


Applications are invited from Indian nationals only for project position(s) as per the details given below for the consultancy/research project(s) under the Principal investigator Prof. R. P. Singh, Department of Biosciences and Bioengineering Indian Institute of Technology, Roorkee

1. **Title of project:** Enhanced lipid production by genetically engineered algal strain: Scale-up cultivation and engineering for co-production of value-added isoprenoids
 2. **Sponsor of the project:** DBT Govt of India
 3. **Project position(s) and number:** Project JRF (One)
 4. **Qualifications:**
 - i. M.Sc. in Biotechnology/Microbiology/Life Sciences/Biosciences and Bioengineering or M. Tech in Biotechnology/Nanotechnology/Biosciences and Bioengineering / Environmental Sc./Engg. with minimum 60% marks or equivalent CGPA at 10-point scale (General, OBC, EWS) & 55% marks/equivalent CGPA for (SC/ST/Differently abled)
 - ii. Prior experience/Master's project experience in microbiological, molecular Biological, microalgal culture handling, HPLC, GC-MS analyses is desirable.
 - iii. CSIR/UGC-NET/GATE qualified.
 - iv. Age maximum (as on the last date of application): 28 years (General/EWS), 31 Years for OBC, 33 Years for SC/ST/Differently abled/Women
 5. **Emoluments:** 31000/-PM (fixed)
 6. **Duration:** 4 years 10 months or till end of the project whichever is earlier
 7. **Job description:** Carrying out lipid and isoprenoid estimation and analysis, metabolic studies, gene transformation and other project related work and assisting in academic activities
- I. Candidates before appearing for the interview shall ensure that they are eligible for the position they intend to apply.
 - II. Candidates desiring to appear for the Interview should submit their applications with the following documents to the office of Principal Investigator through email:
 - Application in a plain paper with detailed CV including self-attested copies of degree(s)/certificate(s) obtained, NET/GATE qualification document in chronological order in **ONE PDF FILE**.
 - III. Candidate shall bring along with them the original degree(s)/certificate(s) and experience certificate(s) at the time of online interview for verification.
 - IV. Preference will be given to SC/ST candidates on equal qualifications and experience.
 - V. Please note that no TA/DA is admissible for attending the interview.

The last date for application to be submitted to office of Principal Investigator is **Nov 22, 2021 by 5 PM**.

The interview of only short-listed candidates will be held online via Webex. Date and time of the interview to the shortlisted candidates will be intimated by email.

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R. P. Singh

Professor and Principal Investigator

*To be uploaded on IIT Roorkee website and copy may be sent to appropriate addresses by PI for wider circulation.

Approved
Mansur
Sushant
02/11/2021