

**CSIR – INDIAN INSTITUTE OF CHEMICAL TECHNOLOGY**  
**[Council of Scientific & Industrial Research]**  
**Hyderabad – 500 007**

**NOTIFICATION NO. 04/2020 FOR ONLINE INTERVIEW**

CSIR – IICT is conducting Online Interview for the following positions under various sponsored projects purely on a temporary basis.

| Sl. No  | Name of the post & No. of Position(s)         | Essential Qualifications | Desirable   | Title of the Project  | Stipend (in ₹)  |                        |
|---|---|--------------------------|---|---|---|------------------------|
| <b>CHEMICAL &amp; PHYSICAL SCIENCES (CPS)</b>         |   |                          |   |   |   |                        |
| CPS-01  | Project Scientist-II                          | 01                       | PhD in Chemistry with 3 yrs experience  | Experience in synthesis, photophysics, theoretical calculation and morphological analysis   | Synthesis, optoelectronics and self-assembly of light harvesting materials for energy applications  | 67000+HRA              |
| CPS-02  | Research Associate / Senior Project Associate | 01                       | PhD in Chemistry/Life Sciences  | Preference will be given to the candidates worked in GLP compliant analytical facility and document preparation (SOPs/ Study plan /Test reports) as per OECD principles | Establishment at GLP compliant analytical facility at CSIR-IICT to augment biosimilars characterization in India  | 55000/- (consolidated) |
| CPS-03  | Research Associate/ Senior Project Associate  | 01                       | PhD in Physical Chemistry/ Material Chemistry/ Electro Chemistry  | Experience in Electro chemistry   | Electrochemical reduction of carbondioxide ....conjugation polymers   | 47000+HRA              |
| CPS-04  | Senior Project Associate                      | 01                       | PhD in Catalysis  | 4 yrs experience in Catalysis   | Analysis of referral coal samples   | 42000+HRA              |
| CPS-05  | Project Assistant/ Project Associate-I        | 01                       | MSc in Chemistry/Physics/ Electronics (or) B.Tech in Chemical/EEE/EC  | NET or GATE qualified will be given preference. Experience in device fabrication instrumentation is desirable   | Development of science payload for unmanned mission of Indian human space program, with the objective of conducting crystallization experiments under microgravity conditions | 31000+HRA*             |
| CPS-06  | Project Associate-I                           | 02                       | MSc in Chemistry  | 1yr experience in R&D organisation in Catalyst synthesis, photocatalytic reaction, HPLC and GC handling.  | Photochemical carboxylation of naphtha feed with carbon dioxide   | 25000+HRA              |
| CPS-07  | Laboratory Assistant/ Project Associate-I     | 01                       | MSc/ MSc (Tech) in Organic/ Analytical Chemistry / Life Sciences & at least 1 yr experience in any pharmaceutical industry (or) M.Pharm in Pharmaceutical analysis / Pharmaceutical Chemistry | Experience in quality assurance aspects of GLP lab setup, handling of HPLC/GPC/LC-MS/FTIR and documentation for study plan / reports / SOPs etc. will be preferred      | Establishment at GLP compliant analytical facility at CSIR-IICT to augment biosimilars characterization in India  | 25000/- (consolidated) |
| CPS-08  | Laboratory Attendant/ Laboratory Assistant    | 01                       | BSc/B.Pharm   | Experience in pharmaceutical industry to maintain GLP laboratory and wet chemical analysis  | Establishment at GLP compliant analytical facility at CSIR-IICT to augment biosimilars characterization in India  | 15000/- (consolidated) |
| <b>BIOLOGY, BIOCHEMICAL &amp; BIOTECHNOLOGY (BBB)</b> |   |                          |   |   |   |                        |
| BBB-01  | Research Associate/ Senior Project Associate  | 01                       | PhD in Life Science / Microbiology  | Handling cultures from extreme environments like marine sources   | Extremozymes: Studies on enzymes from extreme environments and their industrial applications  | 42000+HRA              |
| BBB-02  | Project Assistant-II/ Project Associate-I     | 01                       | M.Pharm/MSc/M.Tech in Biochemistry /Microbiology/ Biotechnology   | Experience in recombinant protein production and molecular biology  | Drug discovery against malarial M1 and M17 class aminopeptidases: Structural, biochemical and medicinal chemistry approach  | 31000+HRA*             |

|                                  |  |    |  |   |  |                           |
|----------------------------------|--|----|--|---|--|---------------------------|
| BBB-03                           | Junior Research Fellow – Project / Project Associate-I | 04 | MSc in Biotechnology/ Microbiology with NET/GATE (or) M.Tech in Chem. Engg/ Env. Engg / Pollution control (or) Masters in Engineering (Chemical) | Experience related to the biological waste management, CO <sub>2</sub> sequestration, air pollution control, waste water treatment, solid waste management, application of nano-particles in environment etc., are preferred. | High rate biomethanation of vegetable and market waste - Telangana                           | 31000+HRA*                |
| BBB-04                           | Project Assistant / Project Associate-I                | 01 | MSc in Microbiology/ Biochemistry / Biotechnology  | NET/GATE qualified. One year experience in the enzymatic reaction is preferable   | Extremozymes: Studies on enzymes from extreme environments and their industrial applications | 31000+HRA*                |
| <b>CHEMICAL ENGINEERING (CE)</b> |  |    |  |   |  |                           |
| CE-01                            | Project Assistant-II / Project Associate-I             | 01 | B.Tech in Computer Science   | Experience in MIS (Management Information System), ICT (Information Communication Technology) and integrating with coal analysis  | Project Management   | 25000/-<br>[consolidated] |
| CE-02                            | Project Associate-I                                    | 01 | BE/BTech in Chem Engg  | Thermodynamics/Chemical kinetics of reactions   | Analysis of referral coal samples  | 31000+HRA*                |

\*Fellowship amount is applicable for NET/GATE/GPAT or other national eligible tests as per new CSIR guidelines. If suitable students are not found, the fellowship amount will be 25,000+HRA.

Note 1: The earlier nomenclatures for the position of Project Associate–I is Project Assistant level II & Project-JRF and for that of Senior Project Associate is Project-RA.

| Position                 | Age |
|--------------------------|-----|
| Project Scientist - II   | 40  |
| Senior Project Associate | 40  |
| Project Associate – I    | 35  |

Note 2: The above age limits are relaxable for candidates of statutory groups (SC/ST/OBC/PWD) as per Govt. of India/ CSIR instructions on the subject.

After receipt of applications, screening will be done, the eligible candidates will be shortlisted and they will be informed the date of interview to their respective mail addresses to attend online interview for selection. The engagement will be initially for a period of six months which may be extended or curtailed depending on the duration of the tenure of the sponsored project / satisfactory performance or conduct of the fellow as the case may be. The engagement will be purely on temporary basis for the sponsored projects and does not entitle him / her for the CSIR / IICT permanent position.

Sd/-  
G. Venkateswarlu  
Section Officer [General]