

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

NOTIFICATION NO. 02/2021 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 Qualifications | Title of the Project | Stipend (in ₹.) | |
|---|---------------------------------------|--------------------------|---|---|--|----------------------------|
| CHEMICAL & PHYSICAL SCIENCES (CPS) | | | | | | |
| CPS-01 | Senior Project Associate | 01 | PhD in Chemistry | Multistep synthetic organic chemistry, exposure in carbohydrate chemistry, expertise in synthetic organic chemistry | Carbohydrate mimics: Synthesis of flavanoid C-glycosides and related structures | 47,000/- [consolidated] |
| CPS-02 | Senior Project Associate | 01 | Ph.D. in Chemical Sciences | Experience in polymer synthesis and characterization | Development of process for pharmaceutical grade HPMC | 42,000+HRA |
| CPS-03 | Senior Project Associate | 01 | MSc in Organic Chemistry with 4 yrs experience (or) Ph.D. in Science, Organic synthesis as core area. | Experience in organic synthesis and industry experience. Multistep organic synthesis and analysis of compounds using NMR, Mass and other spectra. | IICT-Mission Project | 42,000+HRA |
| CPS-04 | Project Associate-I | 01 | MSc in Org. Chemistry | NET/GATE qualified in Chemical Science, person with one year industry experience will be given preference. | Synthesis of capsular polysaccharide structures of antibiotic resistant <i>Actinobactor baumannii</i> strains using a chemoenzymatic derived synthon | 31,000+HRA* |
| CPS-05 | Project Associate-I | 01 | MSc in Chemistry (Inorganic/Physical Chemistry)/ Material Science | Preferably one year research experience in the area of Inorganic nanomaterials | Solution processable low cost Quantum Dot Solar Cells (QDSC) using electronically coupled heavy metal free non-toxic colloidal nanocrystal ink | 31,000+HRA* |
| BIOLOGY, BIOCHEMICAL & BIOTECHNOLOGY (BBB) | | | | | | |
| BBB-01 | Project Associate-I | 01 | M.Tech/ M.Pharm/ M.Sc in Pharmaceutical Biotechnology/ Microbiology | Working experience in Microbiology / Biotechnology & Biocatalysis | Chemo-enzymatic synthesis of pharmaceutically important enantiopure aryloxypropanolamine molecules from single chiral intermediate | 31,000+HRA* |
| BBB-02 | Project Associate-I | 01 | M.Pharm in Pharmacology | One year research experience in vaccine immunology and animal experiments | Synthesis of a novel lipid-linked oligosaccharide and its evaluation as vaccine adjuvant | 31,000+HRA* |
| CHEMICAL ENGINEERING (CE) | | | | | | |
| CE-01 | Project Associate-II | 01 | M.Tech (Chemical/ Biochemical Engineering) | Experience in handling autoclaves & intensified reactors | Development of process for pharmaceutical grade HPMC | 35,000+HRA* |
| CE-02 | Project Associate-I | 01 | M.Tech Environmental Engineering/ Civil Engineering / Chemical Engineering / Biotechnology | Experience in waste water treatment | Strategic biorefinery platform with integrated bioprocess in a self-sustained closed loop for multi-biobased product output | 31,000+HRA* |

* Fellowship amount is applicable for NET/GATE/GPAT or other national eligible test(s) as per new CSIR guidelines. If suitable students are not available, the fellowship amount will be 25,000+HRA/28,000+HRA.

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

| Position | Age |
|--------------------------|------------|
| Senior Project Associate | 40 |
| Project Associate - II | 35 |
| 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.

Note 3: For the position of Senior Project Associate (CPS-01) of CSIR Emeritus Scientist Scheme, the age limit is 35 years for OC candidates and 40 years for SC/ST/OBC/PWD/Women candidates.

After receipt of applications, screening will be done, the eligible candidates will be shortlisted and they will be informed the date of interview through 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
Administrative Officer