

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

**NOTIFICATION NO. 09/2021 FOR ONLINE INTERVIEW**

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

Sl. No	Name of the post & No. of Position(s)	Essential Qualifications	Desirable Qualifications	Title of the Project	Stipend (in ₹.)
<b>CHEMICAL &amp; PHYSICAL SCIENCES (CPS)</b>					
CPS-01	Senior Project Associate	01 MSc in Chemistry with 4 yrs experience or PhD in Material Science / Catalysis	Candidate with complete knowledge in characterization studies / elemental analysis etc. is preferable	Coal analysis of reference samples	42,000+HRA
CPS-02	Senior Project Associate	01 PhD in Chemistry-Material Science	Candidate who has experience in Photoelectrochemical Catalytic applications is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	42,000+HRA
CPS-03	Project Associate-II	01 MSc in Organic Chemistry with 2 yrs experience	Candidate with 2 years experience in Industrial & academic with 2 publications is preferable. The project student should analyze the compounds synthesized from this project and skills on handling mg scale to 100g scale reactions are also preferable	Development of new gold-catalyzed reactive intermediates for generation of privileged molecular scaffolds	28,000+HRA
CPS-04	Project Associate-I	04 MSc in Organic Chemistry	Candidates with one year research experience in relevant area is preferable	CSIR molecules for filing Investigational New Drug (IND) Application	31,000+HRA*
CPS-05	Project Associate-I	01 MSc in Chemistry	Candidate with Physical Chemistry is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CPS-06	Project Associate-I	01 MSc in Chemistry	Preferably MSc in Industrial Chemistry with 2-3 years of experience in the area of heterogeneous catalysis	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CPS-07	Project Associate-I	01 MSc in Chemistry	Candidate with 1 yr R&D experience is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CPS-08	Project Associate-I	01 MSc in Chemistry/Appl. Chemistry/ Materials Science	Candidate with experience in the area of Material Science and/or Catalysis is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CPS-09	Project Associate-I	01 MSc in Chemistry/ Organic Chemistry	Candidate having experience in synthesis and NET is preferable	Development of efficient photonic materials for indirect sunlight indoor & solar cell devices	31,000/-*
CPS-10	Project Associate-I	01 MSc in Organic Chemistry	Candidate with GATE/NET qualification in Chemical Sciences is preferable	Catalytic stereoselective of glycosides from Glycals and its analogs	31,000/-*
CPS-11	Project Associate-I	01 MSc in Chemistry	Candidate with 3 yrs experience including at least 6 months in Membrane Separation Process is preferable	Affordable multilayered washable facemasks with antimicrobial properties	25000+HRA

BIOLOGY, BIOCHEMICAL & BIOTECHNOLOGY (BBB)						
BBB-01	Information Officer (P)	01	MSc in Epidemiology & Public Health, Environmental Science & Statistics	Candidate with minimum 1 year experience of working on disease surveillance studies, public health aspects. Computer programming (R/Python, Matlab) & data analysis skills is preferable	ENVIS RP on "Climate Change & Public Health"	38,996.97
BBB-02	Junior Research Fellow (P)/Project Associate-I	01	MSc in Biotechnology	Candidate with basic lab skills in Molecular Biology like recombinant DNA, SDS PAGE, Biochemistry like ELISA, enzyme assays, Microbiology like cell culture, microscopy Gram/acid fast stains is preferable	Repositioning fluoxetine and salmeterol for treatment of dengue infections Pre-clinical development and proof-of-concept studies	25,000+HRA
BBB-03	Project Associate-I	01	M.Pharma	Candidate with 3 yrs experience with some background in membrane separation is preferable	Network for Scientific Cooperation for Food Safety & Applied Nutrition (NetSCoFAN)	25,000+HRA
CHEMICAL ENGINEERING (CE)						
CE-01	Project Associate-II	01	ME / M.Tech Chemical Engg	Candidate with working knowledge in modelling of simulation, catalysis & experimentation is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CE-02	Project Associate-I	01	B.Tech in Chemical Engg or MSc in Chemistry	Candidate with knowledge in DFT calculations familiar with QM software is preferable	(Photo) Catalytic reduction of CO <sub>2</sub> to Methanol – Demonstrating feasibility & generating technology readiness know-how	25,000+HRA
CE-03	Project Associate-I	01	Post Graduation in Computer Sciences/ Master of Computer Applications/ M.Tech in Computer Science with string knowledge on data analysis	Candidate with knowledge in data analysis using Machine Learning or Deep Learning techniques, knowledge in Statistical/ Mathematical modelling approaches is preferable	Integrated information system to interpret, integrate and mitigation of cardio metabolic health care in North East tribes of Assam and Mizoram	31,000/- [consolidated]
CE-04	Project Associate-II	01	B.Tech in Chemical Engg with 2 years research experience	Candidate with research experience in process development & scale-up activity is preferable	Development of process for production of 4-methoxy acetophenone in a continuous single-step process	28,000+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.

**Position**

**Age**

Senior Project Associate

40

Project Associate - I & II; Information Officer

35

**Note 2:** The above age limits are relaxable for candidates of statutory groups (SC/ST/OBC) and PWD candidates 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 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 duration 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 permanent position in CSIR/IICT.

Sd/-  
G. Venkateswarlu  
Administrative Officer