

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

NOTIFICATION NO. 01/2021 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	Title of the Project	Stipend (in ₹.)
CHEMICAL & PHYSICAL SCIENCES (CPS)					
CPS-01	Research Associate/ Senior Project Associate	01 PhD in Organic Chemistry (Chemical Sciences)	Having record of good publications in the relevant area of research	Practical organic synthesis harnessing light	50,000/- [consolidated]
CPS-02	Research Associate/ Senior Project Associate	01 PhD in Chemical Sciences	Having record of good publications in the relevant area of research	Functional π -conjugated peptide based hybrid molecules: Emerging soft materials for optoelectronic applications	36,000/- [consolidated]
CPS-03	Project Associate – I	01 MSc in Organic Chemistry	Preferably one year research experience in the relevant area	Substituted π -Allyl and Allene Nucleophiles: Total synthesis driven preparation of highly substituted Dihydro-and Tetrahydropyran rings	31,000+HRA*
CPS-04	Junior Research Fellow-P / Project Associate – I	01 MSc Organic Chemistry with NET/GATE qualification	---	Development of processes for high import value fluorinated drug and agro intermediates	31,000+HRA
CPS-05	Project Associate – I	03 MSc in Chemistry	One year experience in the area of Catalysis heterogeneous & vapour phase catalysis	Fast Track Translation (FTT) Projects of CSIR-IICT	31,000+HRA
CPS-06	Project Associate – I	07 MSc in Chemistry	Experience in organic synthesis	Practical organic synthesis harnessing light	30,000/- [consolidated]
CPS-07	Project Associate -I	01 MSc in Organic Chemistry	Experience in Pilot Scale operations	Process Development and basic Design Report (BDR) for 1 ton/day of Furfural alcohol & by-products cellulose, lignin & silica from rice husk	25,000+HRA
BIOLOGY, BIOCHEMICAL & BIOTECHNOLOGY (BBB)					
BBB-01	Project Scientist-I	01 Ph.D. in Biochemistry or related areas	Experience in Recombinant protein expression and purification in mammalian cells	Development of Drug-target based assay platform and screening against COVID	56,000+HRA
BBB-02	Senior Project Associate	01 Ph.D in Biotechnology	Experience in advanced microbial technique	Biotechnological process for the simultaneous removal of ammoniacal nitrogen and COD from industrial waste water	47,000+HRA
BBB-03	Senior Research Fellow - P	01 M.Pharm in Pharmaceutical Biotechnology /M.Tech in Biotechnology	2-3 years research experience in Microbiology/ Biotechnology. Also, working experience in microbial product production/ characterization and bio-analytical techniques.	i-Chip and novel cultivation technique based enrichment of un-culturable microbes for novel/new bioactive compounds	35,000/- [consolidated]
BBB-04	Project Associate – II	01 MSc in Chemistry/ Microbiology/ Biotechnology/ Environmental Science/ Molecular Microbiology with 2 years research experience in Microalgae cultivation, waste water treatment and biomass valorization	---	Innovative algae platform for industrial waste water volarization	35,000+ HRA*
BBB-05	Project Associate – I	01 MSc in Microbiology/ Biotechnology/ Molecular	Research experience in Microbiological	Testing for COVID-19 in waste water as a	31,000+HRA*

			Microbiology	techniques / wastewater treatment	community surveillance measure	
BBB-06	Project Associate-01	01	MSc Microbiology / Biotechnology	1 year research experience in handling yeast and micro algal cultures	Engineering <i>Yarrowia lipolytica</i> genome for high throughput oleo chemicals production using elite plant lipogenesis genes	25,000/- [consolidated]
BBB-07	Project Assistant	01	BSc in Microbiology	Experience in laboratory handling and preparation of Chemical & biochemical data bases.	National Mol Bank (MNB)	15,000/- [consolidated]
CHEMICAL ENGINEERING (CE)						
CE-01	Project Associate – II	01	M.Tech in Chem. Engg.	2 yrs experience in scale up activities in biomass processing projects	Process Development and basic Design Report (BDR) for 1 ton/day of Furfural alcohol & by-products cellulose, lignin & silica from rice husk	28,000+HRA
CE-02	Project Associate – II	01	M.Tech in Chem. Engg.	One year experience in the area of catalysis heterogeneous & vapour phase catalysis	Fast Track Translation (FTT) Projects of CSIR-IICT	35,000+HRA
CE-03	Project Associate -I	01	B.Tech in Chem. Engg.	2 yrs experience in process scale up & design	Process Development and basic Design Report (BDR) for 1 ton/day of Furfural alcohol & by-products cellulose, lignin & silica from rice husk	25,000+HRA
CE-04	Project Associate – I	01	MSc in Chemical Sciences/ B.Tech/ M.Tech in Chem Engg.	Knowledge in quantum chemistry/ computational methods is preferable.	An integrated AI/ML and QM approach for the Rational Design of Hybrid materials for CO ₂ capture and catalytic Activity	25,000/- [consolidated]
CE-05	Project Assistant	01	Degree / Diploma in Multimedia: Animation, Audio & Video editing / Graphic Design / Visual effects etc.	6 months or 1 yr experience in any Multimedia course	Pilot implementation of virtual lab - CSIR	20,000/- [consolidated]

*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 - I	35
Senior Project Associate	40
Senior Research Fellow - P	32
Project Associate - II	35
Project Associate - I	35
Project Assistant	50

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 address 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