

## ADVERTISEMENT FOR PROJECT FELLOW

Applications are invited for the post of CRS Project Fellow (Junior)-I to work on a research project under UGC-DAE CSR through a Collaborative Research Scheme (CRS) project Ref. No. CRS/2023-24/01/1022, Dated 30.03.2024.

Project Title	: 'Development of room temperature phosphorescent materials for energy-efficient phosphorescent organic light emitting diode (PHOLED) applications'
Learning opportunities	(i) Designed syntheses and characterization (UV-vis electronic absorption, fluorescence, and phosphorescence, FTIR, NMR, XRD, SEM, TGA, etc.) of organic light-emitting materials; (ii) Computational modeling for structure-function correlations; (iii) Film fabrication for PHOLED applications; (iv) Visit at UGC-DAE CSR (Indore) for conducting project related experiments
Agency	: UGC-DAE CSR
Qualifications	: 55% in M.Sc. (Chemistry/Applied Chemistry/Materials Science) ( <b>not earlier than 3 years</b> )/ First class in M. Tech. (Materials Science/Materials Science & Technology) ( <b>not earlier than 3 years</b> ) from a recognized University/Institutes or Equivalent
Designation	: CRS Project Fellow (Junior)
Fellowship	: Rs. 14,000 /month + HRA (9% or UGC norms)
Duration#	: 3Y
No. of Position	: One (01)

The UGC-DAE CSR will be able to reimburse the travel expenses to the student participant, who will be permitted a sleeper class train fare by the shortest route and is as per prevailing norms of UGC-DAE CSR. The student appointed under this project should spend a substantial amount of time at UGC-DAE CSR. **The principal collaborator from UGC-DAE CSR is Dr. Mukul Gupta, Scientist-G, Indore Centre.** The food and accommodation facility may be provided while visiting the UGC-DAE CSR for conducting experiments, subject to availability and prevailing norms of UGC-DAE CSR.

Interested and eligible candidates may apply with a complete CV (including permanent address, recent passport photograph, Phone No., e-mail, Age, DOB, qualifications, experiences, awards, etc.) along with self-attested certificates to the following address by post or **must submit online "applicant's information form"** within **TWO WEEKS from the date of this advertisement**. Only shortlisted candidates shall be called for a screening test (online/hybrid) and/or an interview (online/hybrid) and shall be intimated *via* email/phone. No TA/DA will be paid for attending the offline interview. This appointment will be on a purely temporary basis and will co-terminate with the CRS project.

#The selected candidate may be initially appointed for **ONE YEAR** but it may be extended on yearly basis for a total period of **THREE YEARS** (project start date 30.03.2024) subject to the performance of the candidate and subsequent approval by UGC.

**All applicants must submit an online "applicant's information form" within the stipulated time:**

✚ <https://docs.google.com/forms/d/e/1FAIpQLScriEWP5VqEcAudXnsLbMCzMGYdNsZ37Gw6OTz7vmhcOeS1ww/viewform?vc=0&c=0&w=1&flr=0>

**Address for communication or sending offline applications/documents:**

**Dr. Sasanka Dalapati (Principal Investigator)**

Department of Material Science, School of Technology

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Thiruvarur – 610 005, Tamil Nadu, INDIA

**E-mail:** [sasanka@acad.cutn.ac.in](mailto:sasanka@acad.cutn.ac.in)

<https://cutn.irins.org/profile/249431>