



रसायन विज्ञान विभाग  
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डॉ. संजय कुमार सिंह  
सह - प्राध्यापक  
Dr. Sanjay Kumar Singh  
Associate Professor

## **Advertisement for JRF Position in SERB-DST Project**

Applications are invited from highly motivated and eligible candidates for the position of Junior Research Fellow (JRF) in a SERB funded Research Project titled "*Development of new catalytic systems for efficient transformation of biomass/biomass derivatives to biofuel components*".

### **Objectives of the Project:**

The objective of the project is to design and develop new catalytic systems for efficient transformation of biomass and biomass derived components to value added chemicals and fuel components. It involves a strong command on Inorganic and Organic Chemistry, where one need to synthesise of new ligands, metal complexes as active catalysts, and do extensive purification and characterization of desired products.

### **Eligibility**

#### **Essential Qualification:**

M.Sc. in Chemistry (Inorganic/Organic Chemistry) with CSIR/UGC-NET or valid GATE score

#### **Desirable:**

Candidates having exposure to synthetic chemistry, biomass transformation, catalysts designing (metal complexes and /or metal nanoparticles) are encouraged to apply.

#### **Stipend:**

The amount of JRF fellowship will be as per SERB norms and it is approximately Rs. 25,000 + 20% HRA (if hostel accommodation is not provided)

#### **Duration:**

Initial appointment will be for one year, which is extendable up to a maximum of 3 years solely based on performance.

### **How to Apply**

Interested candidates are requested to submit a detailed CV to Dr. Sanjay Kumar Singh, Discipline of Chemistry, Indian Institute of Technology Indore, via e-mail: [sksingh@iiti.ac.in](mailto:sksingh@iiti.ac.in) with subject line "JRF application for SERB Project" latest by **September 15, 2017** (extended deadline).

CV should include details of academic grades starting from X standard onwards with details of year of passing, university or college, etc and also work experience and nature of work if applicable. Complete details of NET/GATE such as year of passing/validity, discipline, marks, All India Rank and number of candidates appeared should be mentioned in the CV. Incomplete applications will be rejected.

Only shortlisted candidates will be called for interview. Shortlisted candidates will be intimated by e-mail informing date of interview. No TA/DA will be paid for appearing in the interview and preference will be given to candidates willing to pursue Ph.D degree at IIT Indore.