



INDIAN INSTITUTE OF TECHNOLOGY BOMBAY POWAI, MUMBAI 400076.

Advertisement No.: IRCC/EXT025/2024

Job Title

Research Associate

Job Reference Number

50561760

Application End Date

21.02.2024

Type of Employment

Proj. Staff Contract

No. of Position(s)

1

IITB Project Recruitment:

Project title: Development of environment/health friendly, cost-effective, safe and high-performance Na-ion 'full' cell for renewable energy storage

About the project: Rigorous optimization and fabrication of Na-ion 'full' cells based on 'aqueous processed' Na-titanate anode and 'aqueous processed' 'layered' Na- transition metal oxide cathode; and detailed electrochemical characterizations, thereof.

Essential Qualifications & Experience:

Ph.D/MD/MS/MDS or equivalent degree or having 3 years of research, teaching and design and development experience after MVSc/M.Pharm/ME/M.Tech with at least one research paper in Science Citation Indexed (SCI) journal

Job Profile:

The work involves rigorous optimization and fabrication of Na-ion full cell based on 'aqueous processed' Na-titanate anode and 'aqueous processed' 'layered' Na- transition metal oxide cathode. The delivery of the project necessitates these aspects to be done at a rapid pace and completed within 6 months. Hence, candidates trained very well in these aspects, including 'aqueous processing' of Na-ion battery cathode and anode, development of Na-ion 'full' cells and associated electrochemical characterizations, will be preferred

Pay Details:

Consolidated salary Rs.58000/- p.m. + HRA

General information:

The position is temporary for a period of 6 Months and tenable only for the duration of the project. The appointment is for time bound project and the candidate is required to work mainly for the successful completion of the project. The selection committee may offer lower or higher designation and lower or higher salary depending upon the experience and performance of the candidate in the interview.

Candidates called for interview will be required to attend at his/ her own expenses.

For any queries/clarification please contact: recruit@ircc.iitb.ac.in

