



**Department of Chemistry**  
**University of Delhi**  
**Delhi – 110007**



**Position of Junior Research Fellow under CSIR Project**

Applications are invited through e-mail under the sponsored project. The details of the project are as under:

<b>Position:</b>	Junior Research Fellow (JRF)
<b>No. of Position:</b>	One (1)
<b>Title of Project:</b>	In–depth studies to understand $Zn^{2+}$ ions intercalation/deintercalation mechanism into nanostructured layered $\delta$ - $MnO_2$ cathode material in both aqueous and non-aqueous electrolyte systems for rechargeable Zn-ion batteries ( $Zn/\delta$ - $MnO_2$ ).
<b>Principal Investigator:</b>	Dr. Alok Kumar Rai (Assistant Professor), Department of Chemistry, University of Delhi, Delhi – 110007 Email: <a href="mailto:akrai@chemistry.du.ac.in">akrai@chemistry.du.ac.in</a>
<b>Tenure of Project:</b>	The position is purely temporary and co-terminus with the project, which is sanctioned for a period of THREE YEARS.
<b>Essential Qualification:</b>	The applicant should be Masters in Chemistry/ Physics/ M.Tech in Nano-Technology with a minimum of 55% marks. The passing of NET/or GATE test is mandatory for this position.
<b>Desirable:</b>	Strong experience in chemical synthesis of nanomaterials, expertise in analysis of materials characterizations data and good understanding with lithium-ion and beyond lithium-ion battery concepts.
<b>Fellowship:</b>	Rs. 31,000 /- per month
<b>Last Date &amp; Time:</b>	Interested candidates are required to apply for this position through sending their full detailed bio-data with research experience to email: <a href="mailto:akrai@chemistry.du.ac.in">akrai@chemistry.du.ac.in</a> . The last date to apply this position is 03/09/2021. Only shortlisted candidates based on qualification will be called for the interview.

Short-listed candidates will be informed one week prior to the interview through e-mail. No TA/DA will be paid to attend the interview. Mode of interview shall be conveyed to the shortlisted candidates. The selected candidate is expected to join immediately.

*Alok Kumar Rai*  
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