



COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH
HUMAN RESOURCES DEVELOPMENT GROUP (HRDG)
EXTRAMURAL RESEARCH DIVISION (EMR-II)
CSIR COMPLEX, PUSA, NEW DELHI - 110 012

No. 01(3015)/21/EMR-II

Dated: 20-07-2021

ORDER

To,

DR ALOK KUMAR RAI,
DEPT OF CHEMISTRY,
DELHI UNIVERSITY,
NEW DELHI 110007, DELHI

Subject: **Grants-in-aid & Financial Sanction of the research project entitled "IN-DEPTH STUDIES TO UNDERSTAND Zn²⁺ IONS INTERCALATION/DEINTERCATATION MECHANISM INTO NANOSTRUCTURED LAYERED &-MnO₂ CATHODE MATERIAL IN BOTH AQUEOUS AND NONAQUEOUS ELECTROLYTE SYSTEMS FOR RECHARGEABLE Zn-Ion BATTERIES (Zn/&-MnO₂)"**

I am directed to refer to your proposal for sanction of CSIR Scheme titled above and to convey the approval of DG CSIR as per the details given below.

I	Duration of the Scheme (from the date of Commencement)	36 Months		
II	Staff	1-JRF		
III	Contingency (per annum in ₹)	1 st Year : 1,50,000	2 nd Year : 1,50,000	3 rd Year : 1,20,000
IV	Equipment (lumpsum in ₹)	0 NIL		

- The above sanction is subject to review of periodical progress of the project by expert committee.
- Sanction of the CSIR-HRDG is also accorded by DG CSIR to the release of the following grants for the period 01/08/2021 to 31/03/2022

No	Grants	Amount (in ₹)
I	Staff	2,48,000
II	Contingency	1,00,000
III	Equipment	0
Total :		3,48,000

- The sanctioned scheme shall start from the commencement date mentioned in the letter or within 3 months from the date of issue of the letter or commenced as soon as some expenditure has been incurred out of the grant/date of joining of fellow, unless otherwise authorized by CSIR, failing which the scheme will be treated as withdrawn
- The Institute should ensure to provide (i) a certificate by the PI countersigned by the Head of the department/institution that no other aid-giving agency is funding the work proposed to be done under the scheme sanctioned by CSIR (non-funding certificate); (ii) an agreement in the prescribed Form-A on non-judicial stamp paper of Rs 10/- (each page duly signed by PI); (iii) date of commencement and (iv) RBI-NEFT form (Form-K) to CSIR-HRDG immediately after the receipt of sanction letter
- Sanction of the grant to appointment of JRF/SRF/RA under this scheme is subject to the conditions as detailed at CSIR-HRDG website (<https://csirhrdg.res.in/Home/Index/1/Default/1100/62>).
- The project File no.01(3015)/21/EMR-II may also be mentioned in all research communications arising from the above project with due acknowledgement of CSIR-HRDG.