

Dated: 26-Feb-2021

**ORDER**

Subject: Financial Sanction of the research project titled "Search for the missing links between observation and theory in beyond concordance  $\Lambda$ CDM model" under the guidance of Dr. Anjan Ananda Sen, Center For Theoretical Physics, Ahmadabad University, AES Bungalow # 2, Navrangpura, Ahmedabad, GUJARAT-380009 and by Dr. Koushik Dutta, Associate Professor, Department Of Physical Sciences, Indian Institute Of Science Education And Research (IISER) Kolkata and by Dr. Mayukh Raj Gangopadhyay, INSPIRE Faculty, CTP, Ahmadabad University - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of Rs. 4386394/- (Rs. Forty Three Lakh Eighty Six Thousand Three Hundred and Ninety Four Only) with break-up of Rs. 590911/- under Capital (Non-recurring) head and Rs. 3795483/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 4386394/- has been approved are given below:

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> High Performance Workstation -> Desktop computer -> Printer -> Laptop computer	590911
A'	Total (Non-Recurring)	590911
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	2886720 450000 60000
2	Recurring - IV : (Overhead Charges)	398763
B'	Total (Recurring)	3795483
C	Total cost of the project (A' + B')	4386394

2. Sanction of the SERB is also accorded to the payment of Rs. 1305500/- (Rupees Thirteen Lakh Five Thousand Five Hundred only) under 'Grants-in-aid General' to Vice Chancellor, Ahmadabad University, AES Bungalow # 2, Navrangpura, Ahmedabad being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Physics-2 (Lasers Optics Atomic & Molecular Physics, Plasma High Energy Nuclear Physics Astronomy & Astrophysics and Nonlinear dynamics))

4. The Sanction has been issued to Ahmadabad University, AES Bungalow # 2, Navrangpura, Ahmedabad with the approval of the competent authority under delegated powers on 23 February, 2021 and vide Diary No. SERB/F/7830/2020-21 dated 25 February, 2021

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. While providing operational flexibility among various subheads under head Recurring-II, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.

Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activities enlisted under SSR