

FILE NO. SRG/2021/001248

**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**

(A statutory body of the Department of Science & Technology, Government of India)

Science and Engineering Research Board  
3rd & 4th Floor, Block II  
Technology Bhavan, New Mehrauli Road  
New Delhi - 110016

Dated: 23 December, 2021

**ORDER**

Subject: Financial Sanction of the research project titled **Exploring the role of cytochrome P450 monooxygenases in sennoside biosynthetic pathway of Senna alexandrina Mill.** under the guidance of Dr. Amita Dubey, Biosciences, Integral University, Kursi road, lucknow, Lucknow, Uttar pradesh-226026 - 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. 2976600/-** (Rs. Twenty Nine Lakh Seventy Six Thousand Six Hundred **Only**) with break-up of **Rs. 1000000/- under Capital (Non-recurring) head** and **Rs.1976600/- under General (Recurring) head** for a duration of 24 months. The items of expenditure for which the total allocation of **Rs. 2976600/-** has been approved are given below:

The following budget may be considered for **Integral University, Kursi Road, Lucknow**

S. No	Head	Total (in Rs.)
<b>A</b>	<b>Non-recurring</b>	
1	Equipment -> Laminar flow -> Cooling water bath -> Refrigerated centrifuge -> Refrigerated shaker incubator -> Thermal cycler	1000000
<b>A'</b>	<b>Total (Non-Recurring)</b>	<b>1000000</b>
<b>B</b>	<b>Recurring Items</b>	
1	Recurring - I : (Manpower) Recurring - II : ( Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	696000 1000000 10000
2	Recurring - IV : (Overhead Charges)	270600
<b>B'</b>	<b>Total (Recurring)</b>	<b>1976600</b>
<b>C</b>	<b>Total cost of the project (A' + B')</b>	<b>2976600</b>