




Joseph Joly Vazhappilly jjolyvl@gmail.com TAR/2021/000184

07-Oct-2024

 A Simple Synthetic Route to Nanostructured Graphene-Metal Oxide Hybrid Electrode Materials**SERB File Number: TAR/2021/000184 Extension till 08-03-2025**

From: Dr. Shilpi Paul

Anusandhan National Research Foundation (ANRF)

(A statutory body created by an Act of Parliament - ANRF Act, 2023)

ANRF
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016File Number: TAR/2021/000184

Dated: 13-Sep-2024

Subject: Project titled " Project Title :A Simple Synthetic Route to Nanostructured Graphene-Metal Oxide Hybrid Electrode Materials".

Dear Dr. Joseph Joly Vazhappilly,

This is with reference to your extension request dated 12th September 2024. In this connection we may invite your kind attention to the following:

Your extension request has been considered and 03 months no-cost extension of the project w.e.f 09-12-2024 to 08-03-2025 without any additional budget has been approved.

Yours sincerely,

(Dr. Shilpi Paul)

Scientist F

Email: shilpi@serb.gov.in

Dr. Joseph Joly Vazhappilly

Chemistry

St Thomas College, Thrissur - palghat rd, keerankulangara,

Thrissur, Kerala-680001



KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY AND ENVIRONMENT
An Autonomous body of the Government of Kerala

KSCSTE - Kerala Biotechnology Commission - DBT Skill Vigyan State Partnership programme in Biotechnology and Life Sciences - Student Training Programme - Sanctioned to St. Thomas College, Thrissur - Release of First year grant - Sanctioned-Orders issued.

Council (P) Order No384/2023/KSCSTE Dated: Thiruvananthapuram,26-12-2023

Ref: - 1. File No. KSCSTE/46/2021-KBC (General)

2. Order No. HRD-29/3/2021-HRD-DBT dated 15.03.2023

3. Order No. HRD-29/3/2021-HRD-DBT dated 19.10.2022

4. Decision of the meeting held on 06.10.2023

ORDER

1. The Department of Biotechnology, Govt. of India has sanctioned the DBT Skill Vigyan State Partnership programme in Biotechnology and Life Sciences to KSCSTE vide ref. 2 for implementation in the Kerala State. An amount of Rs. 6,36,80 crores is sanctioned for three years for conducting Student training, Technician training and Faculty training programmes in partnership with 15 academic / R&D institutions throughout the state. The first year grant of Rs. 2,13,60 was released to KSCSTE vide ref. 3.
2. St. Thomas College, Thrissur is partnering with KSCSTE in conducting the Student Training Programme for three years. An amount of Rs. 29,10,000/- (Rupees **Twenty Nine Lakh Ten Thousand Only**) is sanctioned for three years for the conduct of the training programmes.
3. The programmes sanctioned and the detailed budget estimate is as follows:

Student Training Programme: 2 program / annum; 20 students per program; Duration: 03 months/program

a. Course Code: LFS/Q0509; Lab Technician / Assistant; Eligibility: 10+2 in Biology / Biotechnology

| Budget head | Year-wise Budget allocation (Rs.) | | | Total Budget (Rs.) |
|---|-----------------------------------|-------------------|-------------------|--------------------|
| | First year | Second year | Third year | |
| Consumables | 4,00,000/- | 4,00,000/- | 4,00,000/- | 12,00,000/- |
| Contingency | 50,000/- | 50,000/- | 50,000/- | 1,50,000/- |
| Travel Domestic for Experts Faculty and Students for Field Work | 20,000/- | 20,000/- | 20,000/- | 60,000/- |
| Visiting Faculty / Experts | 40,000/- | 40,000/- | 40,000/- | 1,20,000/- |
| Studentship as per Eligibility Course Code: LFS/Q0509 = Rs. 3000 x 20 students x 3 months (2 program) | 3,60,000/- | 3,60,000/- | 3,60,000/- | 10,80,000/- |
| Maintenance Grant for Equipment / Assets / Accessories | 1,00,000/- | 1,00,000/- | 1,00,000/- | 3,00,000/- |
| Total (Rs.) | 9,70,000/- | 9,70,000/- | 9,70,000/- | 29,10,000/- |



**PROCEEDINGS OF THE MEMBER SECRETARY,
KERALA STATE BIODIVERSITY BOARD
(Present: Dr. V.Balakrishnan)**

Sub: KSBB - Plan Schemes 2023-24- “*Ex-situ* conservation of Red listed plant species”- Financial assistance to various projects from various institutions- Sanction - Orders issued.

TECHNICAL DIVISION

No. 732/A14/2022/KSBB-II Thiruvananthapuram, Date 25.01.2024

Read: 1. G.O (Rt) 45/2023/Envvt dated 04.07.2023

2. Minutes of the screening committee held at KSBB HQ on 15.11.2023

ORDER

Administrative sanction was accorded as per Government Order read above for the Scheme “***Ex-situ conservation of Red listed plant species***” of Kerala State Biodiversity Board (KSBB) under Plan Schemes 2023-24, for an amount of Rs. 30 Lakhs. Accordingly, expression of interest was invited from interested institute/organization and the same was scrutinized initially by a screening committee. Further, the Principal investigators of shortlisted projects were called for presentation and the expert committee recommended 10 projects after necessary revision of financial and technical proposals vide read 2nd above.

In this circumstances, components of the project entitled “***Conservation of Syzygies travancoricum and Syzygium palghatense, Haplothismia exannulata, Strobilanthus ciliatus, Syzygium chavaran by planting them in suitable Habitat***” submitted by Name **Dr. Anto PV., Assistant Professor, Dept. of Botany, St. Thomas College, Thrissur-680001** as Principal investigator, was accepted with modification as suggested by the expert committee. Thereafter, a revised project proposal was furnished by the PI for an amount of Rs.3,00,000/- (Rupees Three Lakhs only) after incorporating the suggestions and recommendations of the expert committee.

In this circumstances, sanction is hereby accorded to implement the project titled “***Conservation of Syzygium travancoricum and Syzygium palghatense, Haplothismia exannulata, Strobilanthus ciliatus, Syzygium chavaran by planting them in suitable Habitat***” of Dept. of Botany, St. Thomas College, Thrissur with **Dr. Anto PV., Assistant Professor, Dept. of Botany, St. Thomas College, Thrissur** for a total budget cost of Rupees 3.00 Lakhs.

Project Period: The Project has to be completed within a period of one years from the date of signing of the MoU.

Budget:

| Budget | | |
|---------------|--|-----------------|
| Sl. No | Item | I Year |
| 1 | Nursery management including Labour charges | 1,65,000 |
| 2 | Consumables | 48,000 |
| 3 | POL and Travel (Including collection & transportation of saplings) | 48,000 |
| 4 | Contingency | 39,000 |
| Total | | 3,00,000 |

Recommendations of the Screening Committee


1. The project duration is one year from the date of fund transfer/signing the MOU.
2. The Institutes should develop minimum of 100-200 saplings of each RET plants selected for the project (As per the submitted project proposal).
3. Each institute should include at least two plants from the list of endangered plants notified by MoEFCC under Section 38 of the Biological Diversity Act (MoEFCC Notification No. S.O. 997(E) dated 15-04-2009).
4. The institute should establish a minimum of 2 conservatories of selected RET plant species. One within the institute, covering a minimum area of 5 to 10 cents and the second one can be established outside the institute in collaboration with nearby Biodiversity Management Committees or any other institutions/schools after executing an agreement for this purpose by ensuring the sustainability plan.
5. The institute is responsible for monitoring the growth progress of plants planted outside the project area. The location of these plants/area should be geotagged, and the corresponding link sent to the Kerala State Biodiversity Board.
6. Photographs and videos should be taken at regular intervals and submitted to the Board on demand to understand the activities being carried out at the project site and to ensure the development on plant growth.
7. It is recommended to install a name board at each conservatory. The name board should clearly indicate that the project is an initiative of Kerala State Biodiversity Board (KSBB).
8. An interim report must be submitted to the Board six months after the project commencement. Additionally, the committee has decided to conduct a review meeting to assess the progress achieved within the initial six months of project initiation.
9. Each institute/college should submit the Statement of Expenditure and utilization certificate by the end of one year (Project period).

The Final Report submission: -

1. The Agency shall submit detailed Project implementation report as per the objectives.
2. Three hard copies of Project Report and 1 soft copy on CDs/Pen drive shall be submitted.
3. An audited Utilization Certificate and Statement of Expenditure (UC & SoE) shall be submitted, duly signed by the Agency to the effect that the funds have been utilized for the purpose for which it was sanctioned.
4. Photos of specific locations where present project are undertaken should be made part of the project Report.

Sanction is hereby accorded to release an amount of Rs. 3,00,000/- (Rupees Three lakhs only) to the **Principal, St. Thomas College, Thrissur**, after executing the MoU.

An agreement in stamp paper for Rs.200/- shall be signed by the concerned official prior to release of funds. Date of release of funds shall be reckoned as the date of start of project.


Dr. V. Balakrishnan
Member Secretary

To,

The concerned
Accountant clerk- Cheque may be issued to:
Name of Account Holder:
Account No.
Bank Name:
Branch Name:
IFScode:
Phone:

O/c, Stock file