### AQAR 2023-24



#### 3.4 Research Publications & Awards 3.4.1 - Code of Ethics for Research

## Fwd: Award Letter for the Minor Research Projects - 2023-24

V.Bastin Jerome <drvbastin.jerome2812@gmail.com> To: dennisedward02@gmail.com

Fri, Feb 23, 2024 at 4:25 PM

--- Forwarded message -----

From: RP Division ICSSR <rpdivision@icssr.org>

Date: Fri, 22 Dec, 2023, 8:47 pm

Subject: Award Letter for the Minor Research Projects - 2023-24

To: <drvbastin.jerome2812@gmail.com>

File No.ICSSR/RPD/MN/2023-24/OBC/	Dated: 22 <sup>th</sup> December 2023
174	20.000. 22 2000

Subject: Award Letter for the Minor Research Projects - 2023-24.

#### Dear Dr. V. Bastin Jerome

"ICSSR extends warmest congratulations to you on successfully obtaining the award of Research Project as per the above Subject".

With reference to your application with Expert Committee, regarding your project proposal for the minor Research Projects, the final selection is made on the basis of recommendations of the Expert Committee as follows:

Approved Title by the	Study of Inclusive Fulfillment of Sustainable
Expert Committee	Development Goals (SDGs) towards Sustainable
	Agriculture Healthy Lives and Restoration of
	Ecosystems among Scheduled Tribes (ST) in Tamil
	Nadu
Budget Approved ₹	Rs.800000/-
	(Rupees Eight Lacs Only)
Approved Duration of	12 Months
the Project (Months)	
First Instalment (50% of	Rs.400000/-
the awarded grant)	(Rupees Four Lacs Only)

Please note that this proposal is approved provisionally by the Competent Authority on the recommendations of the Expert Committee, and upon fulfillment of eligible criteria and other conditions, the Sanction Order along with detailed Budget in break-up will be issued after receipt of the below mentioned original documents:

- Undertaking (on non-judicial stamp paper of Rs.100/-) (Sample copy attached)
- ➤ Declaration (on non-judicial stamp paper of Rs.100/-) (Sample copy attached)
- Original forwarding Letter duly signed/stamped by statutory authority (Sample copy attached)
- Grant-in-aid bill (Pre-receipt) duly filled in for the first instalment (Sample copy attached), (The first instalment amount will 50% of the total awarded project grant)
- ➤ Photocopy of a letter / order / screenshot of your institution's website where your institution recognition by Central Govt. / State Govt. / UGC 12 B / 2 (f) status mentioned.
- Photocopy of Memorandum of Appointment / Appointment Order / Employment Letter / Proceedings copy of the Appointment in case of Applicants (Project Director / Co-PD) those who are working private institutions and other than Govt. Institutions.
- > Photocopy of your Ph.D. Degree certificate

You are requested to send all the above mentioned original documents to the undersigned on or before 27.12.2023 to enable us to issue the formal Sanction Order as per the checklist

#### enclosed.

You are once again required to review the eligibility criteria in the guidelines and ensure that you fulfill all requirements, both as an individual and as an institution. If you have been awarded a project under any other programme of ICSSR, and the Sanction Letter for that project has been issued, you are requested to proceed with the earlier sanction and inform us accordingly. In this situation, the current award will not be considered operational. If you have already been awarded a project, and the sanction letter has not been issued yet, you may choose between the two awards and clearly inform us which project you would like to proceed with.

All the Payments and Transfers are to be done through EAT module of Public Financial Management System (PFMS)/ RBI Account, hence the institution has to open a dedicated account as per the notification of ICSSR for those that have not yet done so.

(https://www.icssr.org/sites/default/files/important\_notice/2019-PFMS-Notification.pdf).

In case of any issues / problems in execution of PFMS/ RBI Account, you may go through the video tutorial at https://www.icssr.org/sites/default/files/pfms.pdf.

Those Institutions' Bank Account registered under PFMS/ RBI Account must ensure that your account is linked with ICSSR Scheme - 0877 at PFMS portal. Those who have already registered and have the dedicated account or may have multiple accounts must ensure to provide the exact one so that the confusion can be avoided and faster transaction can be done.

You are requested to consider the Date of Commencement of the study from 15<sup>th</sup> January 2024 onwards.

Please note that title of this proposal has been approved by the Expert Committee(s) and any inquiries regarding these projects will be addressed only at the time of issuing the Sanction Order.

Regards, Research Projects Team ICSSR.

#### **NOTE:**

- i) No queries will be attended without quoting your FILE NUMBER in all your correspondences, please must quote your File number for all the Correspondences.
- ii) All Publications resulting from the project should acknowledge the support of ICSSR in accordance with the rules of ICSSR for due completion of the Project. iii) In case of any issues / problems in execution of PFMS linking for the payment transactions, visit: https://icssr.org/pfms

--

best wishes, Dr. S N Chari Deputy Director In-charge | कार्यभारी

Research Projects Division। अनुसंधान परियोजना विभाग

Indian Council of Social Science Research।भारतीय सामाजिक विज्ञान अनुसंधान परिषद्

(Ministry of Education, Govt. of India)। शिक्षा मंत्रालय, भारत सरकार

Aruna Asaf Ali Marg, JNU Institutional Area, New Delhi - 110067.

Ph.: +91-11-26742351; 26716690; chari@icssr.org

Tel. No. 91-11-26741849/50/51 (EPABX), Ext. 303; 290; 292; 297.



# தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்

# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai - 600 025.

Phone: 044-2230 1428

Web: www.tanscst.tn.gov.in

Telefax: 044 - 2230 1552

E-mail: ms.tanscst@nic.in / enquiry.tanscst@nic.in

# DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

**Member Secretary** 

Ref: TNSCST / STP /Presentation/ES/2022-2023

08.01.2024

To
Dr.V. Swabna
Assistant Professor
Dept. of Biotechnology,
St. Josephs College,
Tiruchirapalli 620 002
9791506863
swabna bt2@mail.sjctni.edu

Sir / Madam

Sub: Tamilnadu State Council for Science and Technology– S&T Project proposal entitled "Ecoplastics: Microbes crafting tommorow's sustainable solutions" – Presentation before Expert Committee - Intimated- Reg.

With reference to the above, I am happy to inform that above mentioned project proposal has been selected for presentation before Expert Committee constituted for the discipline of **Environmental Sciences**.

- The meeting has been scheduled to be conducted on 12.01.2024 at 10.30 a.m. in Online mode.
- You are requested to make a presentation for about 10 minutes through PPT on salient features of your proposal such as the back ground, plan of work, facilities available at your institution, its relevance importance, to our State, budget etc.
- Presentation will be followed by Question answer / discussion for about
   5 minutes
- The link for the meeting will be sent to you through email a day or two before the meeting.
- The meeting platform is Webex
- You are requested to login by 10.15 pm

Yours faithfully,

Member Secretary



# **Submission of Research Proposal**

# Under

# SCIENCE AND TECHNOLOGY PROJECT SCHEME



# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

DOTE Campus, Chennai – 600 025

# APPLICATION FOR SCIENCE & TECHNOLOGY PROJECTS

(4 Copies to be submitted)

1	Title of the Project	:	Enhancing Jasmine Cultivation Through Artificial Intelligence for Precision Agriculture: A Case Study in Tamil Nadu, India
2	Discipline under which the project is to be considered	:	Agriculture Sciences
3	Name & Designation of the Principal Investigator	:	Dr. S. Santiago Assistant Professor in Computer Science
4	Postal Address of the Principal Investigator	:	Department of Computer Science St.Joseph's College (Autonomous) Tiruchirappalli - 620002
5	Name, Designation and address of Co-investigator if any	:	Dr. I.Priya Stella Mary Assistant Professor in Data Science Department of Data Science Tiruchirappalli - 620002
6	Contact Phone numbers (Office and residence) of PI & Co-PI along with, email id	:	9688441591 ssantiagosj@gmail.com 9994572305 priyastellamary_ds2@mail.sjctni.edu
7	Name of the Institution/Organization in which the project will be carried out	:	St.Joseph's College (Autonomous) Tiruchirappalli - 620002
8	Name of other Institution(s) Organization(s) involved in the Project	:	NIL
9	Duration of the Project (Maximum 2 years)	:	2
10	Total Cost of the Project Proposal (detailsto be furnished in the prescribed format)	:	Rs.4,96,000/-
11	An abstract, not exceeding one page describing the background, objectives, methodology & year wise budget	:	Enclosed separately
12	Details of the project proposal including the State-of-the art of the subject, the workalready done in this area in India or elsewhere, and defining clearly the objectives and methodology and year wise phasing of the project.	:	Enclosed separately
13	Brief bio-data of the Investigator(s)	:	Enclosed separately
14	Facilities available at the Institution/organization to carry out the project	:	Enclosed separately
15	Social relevance and usefulness of theproject	:	Enclosed separately

16	Whether the same Investigator(s) is / are	:	
	receiving funds from any Other agencies		
	If yes,		No
	Title of the Project		
	Agency		
	Amount		
	Details of projects already carried out, if		
	there is any		

Place : Tiruchirappalli Signature of the Investigator(s)

Date: 16.08.2023

Signature of the Head of the Department

Signature of the Head of the Institution

With Seal With Seal

#### **DETAILS OF BUDGET ESTIMATE**

(Amount in Rs.)

Sl.No	Details	I Year	II Year	Total
A	Salaries & Wages Research fellow	1,20,000	1,20,000	2,40,000
	(@Rs.10000/pm)* OR			
	Technical Assistant			
	(@Rs.5000/pm)*			
	(Crisicoso, pin)			
		77.000	<b>5</b> 0.000	1.25.000
В	i. <b>Equipment</b> (only project	75,000	50,000	1,25,000
	specific minor equipment)		NITT	
	ii. Details of major equipment /		NIL	
	facilities expected to be available with			
	institution			
С	Consumables^	33,000	30000	63,000
	Total	2,28,000	2,00,000	4,28,000
D	Travel	20,000	18,000	38000
Е	Total of A+B+C+D	2,48,000	2,18,000	4,66,000
F	Institutional overhead charge	15,000	15,000	30,000
	(Maximum of Rs.15000/peryear)			
G	Total Cost of Project	2,63,000	2,33,000	4,96,000

Signature of the Investigator(s)

Signature of the Head of the Institution

\*Depending on the nature of work **only one**, either Research Fellow (P.G.in science /U.G in professional course) or a Technical Assistant (U.G.in science/diploma in professional course) may be proposed. Both positions may not be proposed together in one project.

^Project specific consumables are to be included



# INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH Major/Minor Projects

Apply under	Major
Board Discipline	Environmental Studies
I. Personal Information of the	Project Director (PD)
1. Name (as mentioned in the official records of your Institution)	M Kriushanth
2. Official Address for communication as per affiliating institution :	Assistant Professor, Department of Data Science, St. Joseph's College (Autonomous), Tiruchirappalli Data Science 9789169675 krishiaf11@gmail.com Tamil Nadu 620002
3. Permanent Address :	No 458, Thanjavuran Savadi, Kavarapalayam Post, Andimadam Taluk Tamil Nadu 608901
4. Date of Birth (DD/MM/YYYY):	25/02/1987
5(a). Mother's Name:	M Julie
5(b). Father's Name:	A Maria Doss
6. Employer Details:	Designation: Assistant Professor Employment status: : Permanent Name: St Joseph's College (Autonomous) Address: Tiruchirappalli Mobile Number: 9789169675 Email: krishiaf11@gmail.com Website: https://sjctni.edu/
7. Indicate your category:	Category:OBC, Gender: Male,Person with Benchmark Disability: No

8. Whether received any financial assistance from ICSSR	No
9. Whether received any assistance/project from any other institution e.g. UGC, ICAR, CSIR, ICPR, ICHR, etc.:	No

# II. Educational Qualifications

Name of Degree	Name of the Univer	rsity	Year of Passing	% of marks	Disciplines
Master's	Thiruvalluvar Univer	rsity	2010	70	Computer Applications
M Phil				200	
Ph D.	Bharathidasan Unive	ersity	2018	NA	Computer Science
Post-Doctoral			,50	NA	
Title of the Ph. D			amic Rules for ironments	or Effective A	Auto-scaling in Cloud
Salient features of work	your Ph.D. research	reso curr appl redu crite scale metr requ thos	ent demand. It ication performancing costs. Deria that determed. These rule rics, such as Chest latency. Express that the control of the cont	ed to an application of the can help rmance and representation of the can be based or the specific or the spec	djusts the number of cation based on its to improve reliability, while also scaling rules are the nd how resources are ed on a variety of on, memory usage, or scaling rules are pecific needs of the
	III- Research	Outp	ut of Project	t Director	
(a). Experience					D : CD . 11 /71/1
		Num	lber		Brief Detail (Title and supporting Institution)
Projects Complete	ed (Maximum 5)	0			NA

Ongoing projects, if any (with completion date)	0	NA
Fellowships	0	NA
Ph.D Guidance	0	NA
M.Phil Guidance	0	NA

# b. Participation in Research Projects (also mention under which capacity).

NA

# c.Details of 5 best Research Papers/ Books/ Chapters (attach/submit hard copies):

Sl No.	Title of the publication	Name of the Journal / Publisher	Month, Year and Vol.	Scopus Indexed / UGC CARE listed? (Yes/No)
1.	A State-of-Art Load Balancing Algorithms in Cloud Computing	International Journal of Computer Application (IJCA)	06, 2014 and 95	No
2.	Load Balancer Behavior Identifier (LoBBI) for Dynamic Threshold Based Auto-scaling in Cloud	International Conference on Computer Communication and Informatics (ICCCI -2015), IEEE	08, 2015	Yes
3.		National Conference on Data Sciences and Engineering (NCDS – 2014)	08, 2014	No
4.	Cost Aware Dynamic Rule  Based Auto Scaling of	International Conference on Advanced Computing & Communication Technologies for High Performance Application (ICACCTHPA'14)	06, 2014	No
5.	Load Pattern Identifier (LoPI) for Threshold Based Auto-scaling in Cloud Environment	International Journal of Emerging Research and Technology (IJERT)	10, 2015	No

# d. Any other important Academic Achievement (approx. 100 words)

Published many research articles in International Journals and Conferences, Board of Studies member, Acted as a resource person for various events, Active various academic bodies member and completed various MOOC courses.

## **IV. Affiliation Details**

Name of the affiliating institution

St. Joseph' College (Autonomous), Tiru	chirappalli				
Postal address of affiliating institution:	College Road, Near Chatram Bus Stand, Tamil Nadu, 620002				
Phone Number	9789169675				
Email ID	krishiaf11@gmail.com				
Website	https://sjctni.edu/				
Type of affiliating institution:	Affiliated College/Institution under (B)	UGC (2)F/12			
V. Details of Co-Project Director (C	Co-PD) (maximum 2 and attach Coproforma)	V as per given			
Name	of the Present Position	e Institution, full ess with Mobile ber and email			
VII	Project Proposal				
(i) Title of the Project Proposal:					
IoT-Driven Data Analysis of Soil Pollut	tion in Tiruchirappalli District Cauve	ery Delta			
(ii) Total Grant expected for this study	(in Rs.)				
1560000					
,nc.	Declaration				
Declaration  I am not a defaulter of any previous ICSSR grant.  I have not availed ICSSR pay protection scheme previously.  I have neither been subjected to any disciplinary action nor found guilty of any criminal offence in my career.  I hereby declare that:  The Research Proposal and its contents are entirely original and as per the standard practice  I have not concealed any information in my fellowship application. If ICSSR finds any contrary information at any stage, it may cancel my fellowship out rightly and/or penalize me as per ICSSR rules.					
Place:	Tiruchirapplli				
Declaration Date :	18/10/2023				

<b>~</b> :	
Signature	٠
Signature	٠



# **Annexure/Checklists**

( ) Forwarding letter from the Head of the affiliating Institution duly stamped and signed on the letter head. .

Self-attested SC/ST certificate or certificate of disability issued by the competent authority, if required.

nt a second of social science Research







# FORMULATION OF WOUND HEALING OINTMENT FOR DIABETIC PATIENTS DERIVED FROM ANTHOCYANIN LOADED SILICA DOPED NANOCOMPOSITES

Reference No.: 162024003670

Saved By: Dr. G.Dayana Jeyaleela

[SERB Qualified Unique Identification Document: SQUID-1993-GJ-2467]

Saved Date: 10-Feb-2024

Ref No.: 162024003670 | Page 1 of 56

Dr. G.Dayana Jeyaleela

dayanajeyaleelag\_ch2@mail.sjctni.edu Assistant Professor(Chemistry)

St. Joseph's College, Tiruchirappalli

Annamalai nagar, woraiyur, Tiruchirappalli, Tamil nadu-620002

#### Technical Details:

Scheme: SERB-POWER Grant

Research Area: Inorganic Chemistry (Chemical Sciences)

Duration: 36 Months Contact No: +919003300640

Date of Birth: 12-Jan-1993

Nationality: INDIAN Total Cost (INR) 20.25.000

Is PI from National Laboratory/Research

#### Project Summary:

The diabetic wounds are most complicated health issues in the 21st century because of the poor vascular supply, infection caused by the bacteria/fungus, deficiency or abnormalities of antioxidants and excessive oxidative stress. According to current statistics, one in every four diabetics might have foot ulcers. The DFU (foot ulcers) are severe wounds that may lead to amputation (foot). In general, the nanomaterials have outstanding anti-microbial, anti-inflammatory, and antioxidant abilities, which can extensively use in the treatment of diabetes-related wound healing. Different methods exist for the nanoparticle synthesis and are possess certain drawbacks. The green method is an alternative among all the methods. It is most bio-compatible, efficient, safe, and inexpensive method than conventional approaches. More importantly, plant extracts additionally function as stabilizing and reducing agents in the fabrication of nanomaterials. The green synthesized nanoparticles are excellent therapeutic agents for infections, malaria, hepatitis, cancer, and other chronic disorders. Even though, the purity of the synthesised nanomaterials is very poor, because of the presence of numerous phytocompunds in the extract may affect the purity of the nanoparticles. It may also influence the geometry, size, and functionality of the resulting nanomaterials. To overcome the shortcomings of existing chemical, physical, and green approaches to the synthesis of nanoparticles the current study emphasized the fabrication of ZnO, AgO and AuO nanoparticles by utilizing unique bioactive anthocyanins of Melia Dubia bark. Since medicinally active anthocyanins are used in the synthesis, the toxicity of the nanomaterials might be reduced, and it will also increase the pharmaceutical effects of nanocomposites. The utilization of specific bio-active anthocyanins in nanoparticle synthesis the additional impurities are reduced (controlled). To enhance the medicinal property of the nanoparticles the silica (have good anti-microbial activity) is doped with the synthesised nanoparticles. The synthesised nanoparticles were formulated into ointment using ointment base. Finally, the antimicrobial, anti-inflammatory, antioxidant and wound healing efficacy of the ointment is tested by Invitro and In-vivo analysis .

Objectives:
OBJECTIVES-1: Extraction and Separation of anthocyanin from the 70% ethanolic extract of Melia Dubia bark. OBJECTIVES-2: Optimization, Synthesis, Characterisation, and pharmacological activities of ZnO, AgO and AuO Nanoparticles mediated by anthocyanin fraction of Melia Dubia bark. OBJECTIVES-3: Nanoparticles which showed the highest Antibacterial, Anti-inflammatory, and Antioxidant properties will be Encapsulated with silica to enhance the medicinal potential of the nanoparticles. OBJECTIVES-4: Five formulations of silica encapsulated ointments (5 concentrations) will be prepared, and its Physicochemical parameters were evaluated. OBJECTIVES-5: In-vitro Antibacterial, Anti-inflammatory, and Antioxidant properties of five formulations will be tested. OBJECTIVES-6: The formulation which shows highest Antibacterial, Anti-inflammatory, and Antioxidant properties are further taken for In-vivo (animal model) evaluation of Wound healing properties.

#### Keywords:

Melia dubia bark, Anthocyanin, Metal oxide nanoparticles, SiO2 doped Metal oxide, In-vitro analysis, In-vivo analysis

#### $\label{proposal:expected} \textbf{Expected Output and Outcome of the proposal:}$

Diabetic wounds are the most complicated health issues in the 21st century because of the poor vascular supply, infection caused by the bacteria/fungus, deficiency or abnormalities of antioxidants and excessive oxidative stress. The DFU (Diabetic foot ulcers) are a significant diabetic complication that leads to 84% of all diabetes-related lower limb amputations. The main aim of the study is preparation of nanomaterial-based ointments for wound healing. The research finding surely will end up with the wound healing ointment/cream especially for diabetic patients.

#### Any other relevant information:

1. In the proposed research proposal the first objective of the work is completed if the proposal is granted it will be useful and meaningful to us. The final product i.e. nano-based ointment will be certified by CDSCO (Central Drugs Standards Control Organization) and it comes under national initiatives of the government (start-up). We also planned to start the women entrepreneurs start-up incubation center in our college.

#### Suitability of the proposed work in major national initiatives of the Government:

Startup India, Innovate India

#### Theme of Proposed Work:

Health, Materials

SNo.	CO-PI Details	
1	9 3 9	Beatrice Dorothy adorothybrice@gmail.com Assistant Professor(Data Science)  St. Joseph's College, Tiruchirappalli Annamalai Nagar, Woraiyur, TAMIL NADU, TIRUCHIRAPPALLI  D.O.B: 26 Jan, 1980



# தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம்

# TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu) Directorate of Technical Education Campus, Chennai - 600 025.

Phone: 044-2230 1428

Web: www.tanscst.nic.in

Telefax: 044 - 2230 1552

E-mail: ms.tanscst@nic.in / enquiry.tanscst@nic.in

# DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

**Member Secretary** 

Ref: TNSCST/YSFS/BS/08/2022-2023

9407

04.07.2023

To Dr.A. Arun Viveke Assistant Professor Dept. of Chemistry St. Joseph's College Tiruchirapalli - 620 002

Sir / Madam,

Sub

: TNSCST - Young Scientist Fellowship - Selection - Intimated - Reg.

Ref

: Chairman Approval dated 28.06.2023

With reference to your application cited above, I am happy to inform you that you have been selected for the award of Young Scientist Fellowship for the year 2022-2023 for a period of 2 months subject to the following conditions:

 A total sum of Rs.21550/- towards fellowship for 2 months (Rs.20000/-) and II A/C travel fare (to and fro Rs.1550/-) from parent organization to the host institute, will be provided. If you travel in lower class, the grant is to be reduced correspondingly to the actual train fare.

 The training or collaborative research may be rescheduled and intimated to the Council. It should be completed before the end of December, 2023.

 At the end of the programme, two copies of the research report along with the Certificate from the host Institution should be submitted.

 Two Copies of the utilization certificate in the prescribed format and receipt of the train fare should be submitted to the Council as soon as you join duty after completion of the programme.

Fellowship will not be paid if you avail any leave other than the casual leave during the training

period.

Date of relief and date of joining at the parent institution should be intimated to the Council.

Your acceptance of this offer as per the conditions above should be informed to the Council on or before 25.07.2023 with details along with reschedule plan.

 Kindly provide your Institutional Bank account details such as Name of the A/C, Account Number, Account type (SB or CA), IFSC Code, Name of the Bank, Branch.

Yours faithfully,

Member Secretary.

Copy to: The Principal St. Joseph's College Tiruchirapalli - 620 002



# தமிழ்நாடு அறிவியல் தொழில்நுட்ப மாநில மன்றம் TAMILNADU STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

(Established by Government of Tamilnadu)
Directorate of Technical Education Campus, Chennai - 600 025.

Phone: 044-2230 1428

Web: www.tanscst.tn.gov.in

Telefax: 044 - 2230 1552

E-mail: ms.tanscst@nic.in / enquiry.tanscst@nic.in

## DR. R. SRINIVASAN, M.Sc., Ph.D., F.I.C.S., M.A.C.S. (USA).

Member Secretary

Letter No: TNSCST/YSSP-2022-23/DR/2023/CM

508

24.11.2023

To
The Principal,
St. Joseph's College,
Tiruchirappalli – 620 002.

Sir / Madam,

Sub: Young Student of Scientist Programme 2022-2023 - Co-ordinator Meeting -

reg.

Ref: Out letter No.TNSCST / YSSP/ DR /2022-2023, dated 09.11.2023

With reference to the above, I am happy to inform that, it is proposed to conduct Young Student Scientist Programme (YSSP) for the students of **Tiruchirappalli and Pudukkottai** district at your College, during the month of December 2023. The approval and programme details have been already communicated to you vide our letter dated 09.11.2023 given in the reference. A sum of Rs.3.00 lakh has been allocated for this programme.

In this regard, I am happy to inform that the meeting of YSSP Co-ordinators is to be conducted on 30.11.2023 at 11.00 a.m. at the Conference Hall of the Council Office, DOTE Campus, Chennai – 600 025. Therefore, I request you to kindly send the YSSP Co-ordinator of your Centre for the above meeting. Guidelines for conduct of YSSP will be provided and other details will be discussed at the above meeting.

Kindly send the institutional account details such as Account Number, Name of the bank, Name of the Branch, IFSC Code etc., for the release of grant.

Yours faithfully,

Member Secretary

Copy to:

Dr. A. Rose Venis, Associate Professor Department of Chemistry St. Joseph's College, Tiruchirappalli – 620 002. (An Autonomous Institution of University Grants Commission, New Delhi)

Ref: Date: 15-05-2023

#### **Sanction Order**

To,

The Registrar/Principal/Financial Authority,

Through Dr. DINAKARAN S

St. Joseph's College (Autonomous), Tiruchirappalli

**Subject: Collaborative Research Scheme(CRS) Project of UGC-DAE CSR entitle** "by Dr. DINAKARAN S.

Dear Madam/Sir,

In continuation to our sanction letter the CRS project submitted to UGC-DAE CSR by **Dr. DINAKARAN S** of your institution has been approved by the competent authority. The principal collaborator from UGC-DAE CSR is **Dr. Gopal M. Bhalerao**. The details of the remittance are given below:

Student fellowship(@ ₹14,000/- pm+HRA)	Consumable	Contingency	Total Amount	Date of remittance	PFMS Ref. No.		
₹0	₹30,000	₹15,000	₹45000	2022-03-30	SBIN123096213387		
No overheads are available under this scheme							

This project has been approved as per the guidelines given below:

- 1. This is a Collaborative Research Scheme (CRS) of UGC-DAE CSR. In view of the complex and involved nature of the experiments, any publication emerging under the project must be of collaborative in nature with due consents from the scientists at UGC-DAE CSR and/or DAE centres, and in consultation with the Principal Collaborator/Coordinator. Following phrase must be included in the acknowledgement: "This work was partially/fully carried out using the facilities of UGC-DAE CSR. The authors acknowledge the financial support from UGC-DAE CSR through a Collaborative Research Scheme (CRS) project number ."
- 2. This project is sanctioned for **one year** but it may be extended on yearly basis subject to a total period of three years.
- 3. In case the CRS project has been approved without student fellowship, it will not be possible to grant student fellowship in subsequent years as well.
- 4. The PI must 'Apply for an Experiment Time' through our online user portal https://csruserportal.com/ for utilization of each experimental facility each time.
- 5. The project will be reviewed at the end of each year to consider sanction and financial allocation for the succeeding year.