



# Kerala State Council for Science, Technology and Environment

No.008/SRSPS/2014/CSTE

20<sup>th</sup> October 2015

Madam,

Sub : KSCSTE- SRS Project - **"Development of advanced multifunctional capacitors for electronic packaging"-reg.**

Attention is invited to the subject referred above. In this connection this is to inform that the 25<sup>th</sup> RCSE has recommended your project for funding under the Science Research Scheme. Due to financial constraints, grant to the above said project will be released during the 2016-17 financial year. Details will be intimated latter. Inconvenience in this regard is regretted.

Thanking you

Yours sincerely

Dr .K. Vijayakumar  
Scientific Officer

Dr. A. Sobha

Assistant Professor

Dept. of Physics

Providence Women's College, Calicut-673 009



# Kerala State Council for Science, Technology and Environment

No. 008/SRSPS/2014/CSSTE

23<sup>rd</sup> March 2016

Madam,

Sub: SRS project titled - "*Development of advanced multifunctional capacitors for electronic packaging*" - reg.

This is to invite your attention to the reference cited and inform that the project proposal is technically approved for a period of three years with a total outlay of ₹12,65,000/-. The approved budget details are given below.

Item	1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.Man power	Nil	Nil	Nil	Nil
2.Consumables	1,00,000	50,000	50,000	2,00,000
3. Equipment (Spin Coating Unit, Laser Ablation Unit, Impedance Analyzer with temperature variation, Temperature Controller, High resolution Multimeter, Ultrasonic Mixer)	5,50,000	1,00,000	1,00,000	7,50,000
4. Travel	10,000	20,000	20,000	50,000
5. Contingencies	50,000	50,000	50,000	1,50,000
6. Institutional overhead	71,000	22,000	22,000	1,15,000
<b>Total</b>	<b>7,81,000</b>	<b>2,42,000</b>	<b>2,42,000</b>	<b>12,65,000</b>

You are requested to send the consent letter and the willingness to undertake this project with the above said budget **within seven days** on receipt of this letter. One copy of the terms and conditions should be submitted (in stamp paper worth ₹100/-) to the council duly signed by the Principal Investigator and counter signed by the Head of the Institution (each page of T&C should be signed by the PI and Head of the Institution) for the issuance of formal sanction order.

Thanking you,

Yours sincerely,

  
Dr. K. Vijayakumar  
Scientific Officer

Dr. A. Sobha  
Assistant Professor  
Dept. of Physics  
Providence Women's College, Calicut-673009



**KERALA STATE COUNCIL FOR SCIENCE, TECHNOLOGY & ENVIRONMENT**

**An autonomous body of the Government of Kerala**

KSCSTE - Science Research Scheme- Project titled – “**Development of advanced multifunctional capacitors for electronic packaging**” by Dr. Sobha. A, Assistant Professor, Dept. of Physics, Providence Women’s College, Calicut – 673 009 - as Principal Investigator - financial assistance for the Second year – Sanctioned- Orders issued.

Council (P) Order No.391/2017/KSCSTE

Thiruvananthapuram, Dated, **19.08.2017**

Ref: (1) Council Order No. (P) 99/2016/KSCSTE dated 27.04.2016  
(2) File No.008/SRSPS/2014/CSTE

**ORDER**

1. Kerala State Council for Science Technology and Environment (KSCSTE) has sanctioned a three year project titled “**Development of advanced multifunctional capacitors for electronic packaging**” by Dr. Sobha. A, Assistant Professor, Dept. of Physics, Providence Women’s College, Calicut for an initial total budget of ₹12,65,000 /-. As per reference (1) the first year grant of ₹7,81,000 /- was released.
2. The P.I has submitted the report, utilization certificate and statement of expenditure of the first year with an unspent balance and accrued interest of ₹37,685/-. Therefore, after deducting the unspent balance and accrued interest of ₹37,685/-, **the amount to be released as the 2<sup>nd</sup> year grant is ₹2,04,315/-.**
3. The 2<sup>nd</sup> year revised budget is as detailed below.

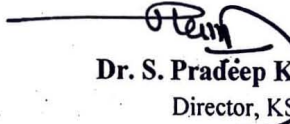
Item	2 <sup>nd</sup> Year
Manpower	Nil
Consumables	50,000
Equipment	1,00,000
Travel	20,000
Contingencies	50,000
Institutional overhead	22,000
<b>Total</b>	<b>2,42,000</b>

4. **KSCSTE is pleased to release an amount of ₹2,04,315/- (Rupees Two lakhs four thousand three hundred and fifteen only) which includes 2<sup>nd</sup> year grant** and permission to carryover the unspent balance and accrued interest to the 2<sup>nd</sup> year. The grant amount will be disbursed to **The Principal, Providence Women’s College, Calicut – 673 009** by electronic transfer for the above said purpose. The expenditure will be met from the **Council fund III Schemes and Programmes of KSCSTE (1) Provision of Science Research Scheme Projects.**

<b>Institution Account Name</b>	PROVIDENCE COLLEGE SCIENCE RESEARCH SCHEME	
<b>Institution A/c No. &amp; IFSC Code</b>	839101046773	CNRB0000839
<b>Name of Bank &amp; Branch</b>	CANARA BANK, VELLIMADUKUNNU	

5. The Progress report, Utilization Certificate (UC) and Statement of Expenditure (SE) are to be submitted on a project year basis, so as to be received by the end of the project year.

The above order has been issued vide sanction No.387/DIR/2017 – 18 / KSCSTE dated,19.08.2017

  
**Dr. S. Pradeep Kumar**  
Director, KSCSTE

To  
**The Principal, Providence Women’s College, Calicut – 673 009**

Copy to:

Dr. Sobha. A, Assistant Professor, Dept. of Physics, Providence Women’s College, Calicut – 673 009  
The Cash Section will disburse the amount through a/c payee cheque  
Auditors File, Stock File/Office Copy.



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

KSCSTE - Science Research Scheme- Project titled – “*Development of advanced multifunctional capacitors for electronic packaging*” by Dr. Sobha. A, Assistant Professor, Dept. of Physics, Providence Women’s College, Calicut – 673 009 - as Principal Investigator - financial assistance for the third year – Sanctioned- Orders issued.

**Council (P) Order No166/2019/KSCSTE** Dated: Thiruvananthapuram,06/02/2019

- Ref: - (1) Council Order No. (P) 99/2016/KSCSTE dated 27.04.2016  
(2) Council Order No. (P) 391/2017/KSCSTE dated, 19.08.2017  
(3) File No.008/SRSPS/2014/CSTE

**ORDER**

1. Kerala State Council for Science Technology and Environment (KSCSTE) has sanctioned a three year project titled “*Development of advanced multifunctional capacitors for electronic packaging*” by Dr. Sobha. A, Assistant Professor, Dept. of Physics, Providence Women’s College, Calicut, for an initial total budget of Rs.12,65,000/-. As per reference (1) & (2) the first year grant & second year grant of Rs.7,81,000/- & 2,04,315/- were released.

2. The P.I has submitted the report, utilization certificate and statement of expenditure of the second year with an unspent balance and accrued interest of Rs.39,441/-. The 3<sup>rd</sup> year sanctioned grant is Rs. 2,42,000/-, after deducting the unspent balance and accrued interest of Rs.39,441/-, the amount to be released as the 3<sup>rd</sup> year grant is Rs.2,02,559/-.

3. The 3<sup>rd</sup> year budget is as detailed below.

Item	3 <sup>rd</sup> Year
Manpower	Nil
Consumables	50,000
Equipment	1,00,000
Travel	20,000
Contingencies	50,000
Institutional overhead	22,000
<b>Total</b>	<b>2,42,000</b>

4. KSCSTE is pleased to release an amount of Rs.2,02,559/- (Rupees two lakhs two thousand five hundred and fifty nine only) which includes 3<sup>rd</sup> year grant and permission to carryover the unspent balance and accrued interest to the 3<sup>rd</sup> year. The grant amount will be disbursed to The Principal, Providence Women’s College, Calicut – 673 009 by electronic transfer for the above said purpose. The expenditure will be met from the Council fund III Schemes and Programmes of KSCSTE (I) Provision of Science Research Scheme Projects.

Beneficiary Account Name	PROVIDENCE COLLEGE SCIENCE RESEARCH SCHEME
Beneficiary Account Number	839101046773
Beneficiary IFSC Code	CNRB0000839
Beneficiary Bank Name & Branch	CANARA BANK, VELLIMADUKUNNU
Beneficiary Address	Providence Women’s College, Calicut – 673 009
Beneficiary Phone Number	9495971265
Beneficiary Email id	sokusasi@yahoo.

5. The Final Technical Report (FTR) in the prescribed format, audited consolidated Utilization Certificate (UC) and head wise Statement of Expenditure (SE) for the whole amount duly signed by the PI, Head of the Institute and the Comptroller/Finance Officer must be submitted on project year basis, within one month of the completion of the proposed period.

Signature Not Verified

Digitally signed by Pradeep Kumar.S

Date: 2019.02.06 18:06:42 IST

Reason: Approved