

संहती कार्यसाधिका । शिलं परं भूषणम् Shetkari Shikshan Prasarak Mandal's

KRISHNA MAHAVIDYALAYA, RETHARE BK. Shivnagar, Tal. Karad, Dist. Satara, 415108 (M.S.) Ph. : 02164-266346, Fax : 02164- 266347 Email : kmr sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC "B+" Grade (CGPA 2.65)



Founder : Hon. Jaywantrao Bhosale

President : Dr. Suresh Jaywantrao Bhosale Principal : Dr. Salunkhe C. B., M.Sc; Ph.D.

Key Indicator 3.1 – Resource Mobilization for Research

3.1.1.1: Total Grants from Government and non-governmental for research projects, endowments in the institution during the year (INR in Lakhs)

Academic Year 2017-18 to 2021-22

Academic Year	2021-22	2020-21	2019-20	2018-19	2017-18
Total Grants	37.08	Nil	1.35	1.35	Nil



Princip

Krishna Mahavidyalaya, Rethare Bk, Tal. Karad : 415 108 (M.S)

Name of the Research	Name of	Department	Year of	Amount	Duration	Name of the	
Project/ Endowments	the	of Principal	Award	Sanctio	of the	Funding	
•	Principal	Investigator		ned (in	project	Agency	Туре
	Investigator			Lakh)			(Government
	/Co- investigator						/non- Government)
	investigator	Vez	ar 2021	-22			Governmenty
		100	11 2021				
Fabrication of Ternary nanocomposite electrodes based on C0304-rGO- Conducting Polymer for high performance energy storage application (File No. EEO/2021/000984)	Dr. D. S. Dalavi	Physics	2022	36.98	3 Years	Department of Science and Technology, Science and Engineering Research Board (SERB) under Empowerme nt and equity opportunitie	Government
						s for excellence in	
Synthesis and Characterization of Co ₃ O ₄ thin film by hydrothermal route for supercapacitor application	Dr. D. S. Dalavi	Physics	2022	0.1	1 year	Science Shivaji University Minor Research Project under lead college activity	Government
			_				
				37.08			
		Yea	ar 2019	-			
1. Synthesis and Characterization of nanostructured Tungsten oxide conducting polymers core- shell nanostructures of efficient electrochromic smart windows	Dr. D. S. Dalavi	Physics	2018	1.25	2 year	Shivaji University, Kolhapur	Government

2. Characterization of WO3 thin film by sol gel route for electrochromic smart window application	Dr. D. S. Dalavi	Physics	2019	0.1	1 year	Shivaji University Minor Research Project under lead college activity	Government
			Total	1.35			
		Yea	r 2018				
Synthesis and characterization of nanostructured Tungsten oxide conducting polymers core-shell nanostructures for efficient electrochromic smart windows	Dr. D. S. Dalavi	Physics	2018	1.25	2 year	Shivaji University, Kolhapur	Government
Fabrication of Nanostructured PANI thin film for electrochromic smart window and supercopacitor application	Dr. D. S. Dalavi	Physics	2017	0.1	1 year	Shivaji University Minor Research Project under lead college activity	Government
			Total	1.35			



/ per-

Principal Krishna Mahavidyalaya, Rethare Bk, Tal. Karad : 415 108 (M.S)

EEQ /2021/000984

The updated RTGS details of the KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302 is as below:

2

5

PFMS Unique Code	MHST00012031	6
Account Name	PRINCIPAL, KRISHNA MAHAVIDYALAYA, SERB GRANT	V
Account Number	60410861354	6
Bank Name & Branch	Bank of Maharashtra Anu Sonai Complex, At Post. Shenoli, Tal. Karad, Dist. Satara.	
IFSC/RTGS Code	MAHB0000562	(
Email id of A/C Holder	kmr_sspm@yahoo.co.in	

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डॉ. टी. थंगाराजू वैज्ञानिक 'एफ'

FILE NO. EEQ/2021/000984 SCIENCE & ENGINEERING RESEARCH BOARD(SERB)

(A statutory body of the Department of Science & Technology, Government of India) 5Science and Engineering Research Board 3rd & 4th Floor, Block II Technology Bhavan, New Mehrauli Road New Delhi - 110016

Dated: 10 March, 2022

ORDER

Subject: Financial Sanction of the research project titled Fabrication of Ternary nanocomposite electrodes based on CO₃O₄-rGO-Conducting Polymer for high performance energy storage application under the guidance of Dr. Dhanaji Suresh Dalavi, PHYSICS, KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302 - 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. 3698332/- (Rs. Thirty Six Lakh Ninety Eight Thousand Three Hundred and Thirty Two Only) with break-up of Rs. 1620000/- under Capital (Non-recurring) head and Rs.2078332/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 3698332/- has been approved are given below:

The following budget may be considered for KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi

S. No	Head	Total (in Rs.)
Α	Non-recurring	
1	Equipment -> Electrochemical Workstation	1620000
A'	Total (Non-Recurring)	1620000
В	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1257120 450000 35000
2	Recurring - IV : (Overhead Charges)	336212
B'	Total (Recurring)	2078332
С	Total cost of the project (A' + B')	3698332

Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

3. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)

4. 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.

5. 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.

6. Budget sanctioned under Scientific Social Responsibility (SSR) is meant only for activites enlisted under SSR norms and under no circumstances it can be reappropriated.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The sanctioned equipment would be procured as per GFR and its disposal of the same would be done with prior approval of SERB.

9.The institute will furnish to the SERB, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any. beyond the duration of the project

12. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

13. The project File no. EEQ/2021/000984 should be mentioned in all communications arising from the above project. The organization/institute/university should ensure that the technical support/financial assistance provided to them by SERB should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

14. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by SERB.

15. Sanction order for release of funds under a) Non-recurring and b) Recurring will be issued separately depending on the availability of funds. The project become operational from the day the first release of grant received by the implementing Institute.

7.11 (Dr. Thangaradjou T)

Scientist F msls@serb.gov.in

To, Under Secretary SERB, New Delhi Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Dhanaji Suresh Dalavi PHYSICS KRISHNA MAHAVIDYALAYA, RETHARE (BK) , Julewadi, Satara, Maharashtra-415302 Email: dhanuphysics@gmail.com Mobile: 919527350402 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <u>www.serb.gov.in.</u>)
5.	Principal, KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangaradjou T) Scientist F msls@serb.gov.in

FILE NO. EEQ/2021/000984-G

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: 10 March, 2022

ORDER

Subject: Research project entitled Fabrication of Ternary nanocomposite electrodes based on CO3O4-rGO-Conducting Polymer for high performance energy storage application under the guidance of Dr. Dhanaji Suresh Dalavi, PHYSICS, KRISHNA MAHAVIDYALAYA, RETHARE (BK) , Julewadi, Satara, Maharashtra-415302.

1. In continuation of SERB's sanction order No. EEQ/2021/000984 dated 10 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of Rs.2078332/- under 'Grants-in-aid General' to KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302 being the grant for the financial year 2021-2022 for implementation of the above said project.

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 10 March, 2022.

3. As this is the first grant being released under 'Grants-in-aid General' for the project, no previous U/C is required.

4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC).

5. The Sanction has been issued with the approval of the competent authority on 09 March, 2022 and vide Diary No. SERB/F/9856/2021-2022 dated 09 March, 2022..

6. The release amount of Rs. 698800/- (Rupees Six Lakh Ninety Eight Thousand Eight Hundred only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

MHST00012031
Principal Krishna Mahavidyalaya UGC A/C
20240700009
Bank of Maharashtra Anu Sonai Complex, At Post. Shenoli, Tal. Karad, Dist. Satara.
MAHB0000562
kmr_sspm@yahoo.co.in
dhanuphysics@gmail.com

(Dr. Thangaradjou T) Scientist F msls@serb.gov.in

To,

Under Secretary SERB, New Delhi

Copy forwarded for information and necessary action to: -The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002 1. Sanction Folder, SERB , New Delhi. 2. File Copy 3. Dr. Dhanaji Suresh Dalavi 4. PHYSICS KRISHNA MAHAVIDYALAYA, RETHARE (BK) , Julewadi, Satara, Maharashtra-415302 Email: dhanuphysics@gmail.com Mobile: 919527350402 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <u>www.serb.gov.in</u>.) Principal. 5. KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi (Receipt of Grant may be intimated by name to the undersigned)

-(Dr. Thangaradjou T) Scientist F msls@serb.gov.in

EEQ 12021/000 984

The updated RTGS details of the KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302 is as below:

PFMS Unique Code	MHST00012031	1
Account Name	PRINCIPAL, KRISHNA MAHAVIDYALAYA, SERB GRANT	<
Account Number	60410861354	
Bank Name & Branch	Bank of Maharashtra Anu Sonai Complex, At Post. Shenoli, Tal. Karad, Dist. Satara.	(
IFSC/RTGS Code	MAHB0000562	
Email id of A/C Holder	kmr_sspm@yahoo.co.in	_(

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डॉ. टी. थंगाराजू वैज्ञानिक 'एफ'

FILE NO. EEQ/2021/000984-C 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: 10 March, 2022

ORDER

Subject: Research project entitled Fabrication of Ternary nanocomposite electrodes based on CO₃O₄-rGO-Conducting Polymer for high performance energy storage application under the guidance of Dr. Dhanaji Suresh Dalavi, PHYSICS, KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302.

1. In continuation of SERB's sanction order No. EEQ/2021/000984 dated 10 March, 2022, sanction of the competent authority is hereby accorded to the payment of a sum of **Rs.1620000/-** under 'Grants-in-aid Capital' to KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi, Satara, Maharashtra-415302 being the grant for the financial year 2021-2022 for implementation of the above said project.

2. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at the website (www.serb.gov.in) and as mentioned in the sanction order of even number dated 10 March, 2022.

3. As this is the first grant being released under 'Grants-in-aid Capital' for the project, no previous U/C is required.

4. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under **Empowerment and Equity Opportunities for Excellence in Science. (Task force Committee) (SC)**.

5. The Sanction has been issued with the approval of the competent authority on **09 March, 2022** and vide Diary No. **SERB/F/9855/2021-2022** dated **09 March, 2022**.

6. The release amount of **Rs. 1620000/-** (Rupees Sixteen Lakh Twenty Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

PFMS Unique Code	MHST00012031	
Account Name Principal Krishna Mahavidyalaya UGC A/C		
Account Number	20240700009	
Bank Name & Branch Bank of Maharashtra Anu Sonai Complex, At Post. Shenoli, Tal. Karad, Dist. Satara.		
IFSC/RTGS Code MAHB0000562		
Email id of A/C Holder	kmr_sspm@yahoo.co.in	
Email id of PI dhanuphysics@gmail.com		

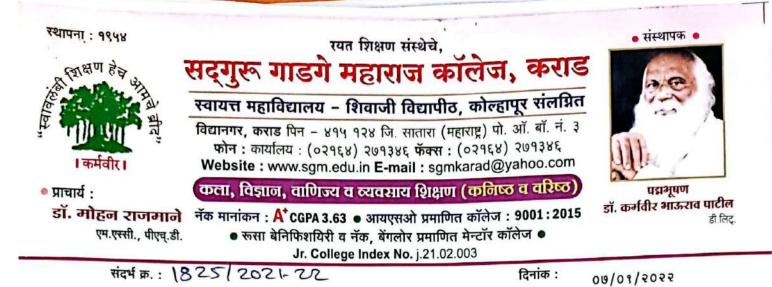
(Dr. Thangaradjou T)

Scientist F msls@serb.gov.in

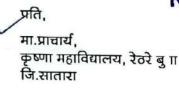
To, Under Secretary SERB, New Delhi

1.	The Principal Director of Audit, A.G.C.R.Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB , New Delhi.
3.	File Copy
4.	Dr. Dhanaji Suresh Dalavi PHYSICS KRISHNA MAHAVIDYALAYA, RETHARE (BK) , Julewadi, Satara, Maharashtra-415302 Email: dhanuphysics@gmail.com Mobile: 919527350402 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit <u>www.serb.gov.in.</u>)
5.	Principal, KRISHNA MAHAVIDYALAYA, RETHARE (BK), Julewadi (Receipt of Grant may be intimated by name to the undersigned)

(Dr. Thangåradjou T) Scientist F msls@serb.gov.in



REGISTERED AD



विषय : अग्रणी महाविद्यालय योजनेअंतर्गत रिसर्च प्रोजेक्टसाठी द्यावयाच्या ॲडव्हान्सबाबत.

महोदय,

शिवाजी विद्यापीठाच्या Research Promotion Activity for students of the affiliated Colleges या योजने अंतर्गत आपल्या विद्यार्थ्यांच्या "Synsthesis and Characterization of CO3O4 this film by hydrothermal route for supercapacitor application" या रिसर्च प्रपोजलसाठी विद्यापीठाने रू. १००००/- मंजूर केले असून सदर ॲडव्हान्स रकमेचा चेक नं. 🕉 🗲 ज्य दि. 9 4/0१/२०२२ ने सोबत पाठविला आहे. कृपया सदर रकमेची पोहोच पावती त्वरीत पाठवून द्यावी.

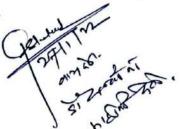
वरील रिसर्च प्रोजेक्टसाठी मंजूर रक्कम रू.१०,०००/- खर्च करून त्याचा हिशोब व प्रोजेक्ट रिपोर्ट या अग्रणी महाविद्यालयाकडे ३१/०३/२०२२ पूर्वी सादर करावा.

कळावे, ही विनंती.

आपला विश्वार

प्राचार्य, अग्रणी महाविद्यालय सद्गुरू गाडगे महाराज कॉलेज, कराड

सोबत : वरीलप्रमाणे.







Ref No.: SU/C&U.D.Section/86/233

1 O MAY 2018

To. Dr. Dhanaji Suresh Dalavi, Krishna Mahavidyalaya, Rethare Bk., Dist: Satara.

> Sub: Your project entitled, "Synthesis of Tungsten Oxide - Conducting Polymers Core-Shell nanostructures for efficient Electrochromic Smart Windows " Ref: Our Office Circular No: SU / C.&U.D. Section/ UGK/ 347, dt. 11/07/2017.

Sir / Madam,

With reference to your application for financial assistance for scheme under Research Initiation Scheme-2017-2018, I am directed to inform you that the research project entitled "Synthesis of Tungsten Oxide - Conducting Polymers Core-Shell nanostructures for efficient Electrochromic Smart Windows" has been accepted for the financial support under the shceme for the period of two years (2018-2019 to 2019-2020). The total grant for the projects will be ₹.125000/- (₹. One Lakhs Twenty Five Thousand Only). The first installment (i.e.advance) of ₹.112500/- (₹. One Lakhs Twelve Thousand Five Hundred Only) will be released after receiving the following documents i.e. University approval letter (Change in Staff), appointment letter, Confirmation Order, Undertaking duly signed by the P.I and Principal in the prescribed format, Acceptance letter (Annex. B), Aadhar Card Zerox, Pan Card Zerox, Passbook zerox (Joint passbook), Advance Stamp Receipt etc.,

		Amou	Amount sanctioned in Rs.			
Sr. No	Item	1 st Year	2 nd Year	Total	as First installment	
A)	Recurring					
	1) Books and Journals	₹.0/-	₹.0/-	₹.0/-	₹.0/-	
	2) Hiring Services	₹.0/-	₹.0/-	₹.0/-	₹.0/-	
	3) Field Work and Travel	₹.0/-	₹.0/-	₹.0/-	₹.0/-	
	4) Chemical and Glassware	₹.10000/-	₹.10000/-	₹.20000/-	10000/-	
	5) Contingency	₹.2500/-	₹.2500/-	₹.5000/-	₹.2500/-	
B)	Non-recurring					
5)	*Equipment	₹.100000/-	₹.0/-	₹.100000/-	₹.100000/-	
	Total	₹.112500/-	₹.12500/-	₹.125000/-	₹.112500/-	

The Details of the funds sanctioned. :

* Name of the Equipment Equipment : Hydorthermal reactor, Programmable furnace, Spin Coater with Micro Centrifuge and Digital Balance

Kindly submit the above documents with duly signed in prescribed format to Registrar, Shivaji University, Kolhapur, at the earliest so as to release the grant. Thanking you,

Yours faithfully,

Deputy Registrar, **Colleges and University Development Section** Shivaji University, Kolhapur

Encl. :- As above Copy to:

- Account (P.G. Bill) Section
- The Principal/Head, Krishna Mahavidyalaya, Rethare Bk., Dist-Satara
- Dr. P. V. Anbhule, Co-ordinator, Department of Chemistry, Shivaji University, Kolhapur.

"Education through self-help is our motto." - Karmaveer



Rayat Shikshan Sanstha's Estd.: 1954 SADGURU GADAGE MAHARAJ COLLEGE, KARAD

VIDYANAGAR, Pin - 415 124, Dist. Satara (M.S.) INDIA P.O. Box No.3 Ph. Office : (02164) 271346 Resi. (02164) 271794 Fax. (02164) 271346 Website : www.sgm.edu.in E-mail : sgmkarad@yahoo.com

ARTS, SCIENCE, COMMERCE & VOCATIONAL (Junior & Senior)

Jr. College No. j.21.02.003 (Affiliated to Shivaji University, Kolhapur)

Accredited A⁺ with CGPA 3.63 by NAAC • ISO 9001 : 2015 Certified College

• Principal : Dr. Mohan Rajmane M.Sc., Ph.D.

Ref. No. 1689 19.20

Date :

01/ 11/ 2019

To The Principal, Krishna Mahavidyalaya Rethare (Bk.) Tal.Karad, Dist. Satara.

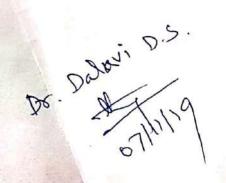
> Sub. : Submission of Research Project under Research Promotion Activity ofr College Students.

I am pleased to inform you that the Research Project under the Research Promotion Activity of the Shivaji University, Kolhapur is received with following details.

Name of Project Advisor	Name of Students	Title of Project	Amount Estimate Rs.	
Dr. D. S. Dalavi	1) Lad Divya Dilip	Synthesis, Characterization of WO3		
	2) Mohini Rajendra Harale	thin film by sol-gel route for electrochromic smart	10,000/-	
	3) Ashlesha Arun Patil	windows application		
	4) Aniket Anil Dmame	6	1	

Financial assistance under this scheme is subject to final approval and directions of the university.

Thank you,



Principal Lead College, Sadguru Gadage Maharaj College, K A R A D

Yours faithfully,

Krishna Mahavidualaua. Shivnagar hward No.. 946. 711112019

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्रप्रति,

मा.प्राचार्य, कृष्णा महाविद्यालय, रेठरे बु ाा जि.सातारा

> विषय : अग्रणी महाविद्यालय योजनेअंतर्गत रिसर्च प्रोजेक्टसाठी द्यावयाच्या ॲडव्हान्सबाबत.

महोदय,

शिवाजी विद्यापीठाच्या Research Promotion Activity for students of the affiliated Colleges या योजनेअंतर्गत आपल्या विद्यार्थ्यांच्या "Synthesis Characterization of WO3 thin film by solgel route for electrochromic smart windows application" या रिसर्च प्रपोजलसाठी विद्यापीठाने रू. १००००/- मंजूर केले असून सदर ॲडव्हान्स रकमेचा चेक नं. १००३७३ दि. १ (१०२/२०२० ने सोबत पाठविला आहे. कृपया सदर रकमेची पोहोच पावती त्वरीत पाठवून द्यावी.

वरील रिसर्च प्रोजेक्टसाठी मंजूर रक्कम रू.१०,०००/– खर्च करून त्याचा हिश्चोव व प्रोजेक्ट रिपोर्ट या अग्रणी महाविद्यालयाकडे त्वरीत सादर करावा.

कळावे, ही विनंती.



सोबत : वरीलप्रमाणे.

Kilsona Menavidualaud. Shivoetti Inward No.- 1357 eslocizo Date-

आपला विश्वास.

प्रांचार्य

अग्रणी महाविद्यालय सद्गुरू गाडगे महाराज कॉलेज, कराड ४



Ref. No. : KMR/

Date: 08/09/2018

To,

The Co-coordinator Lead College Activity SGM College, Karad

Subject: Submission of application for financial support to research project Reference: SU/Post graduate admission/6780 dated 5th July, 2018

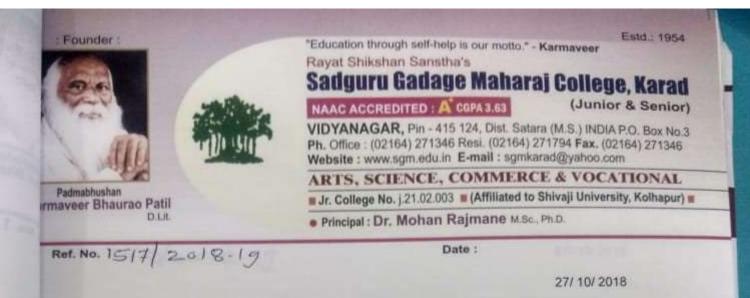
Respected Sir,

With reference to the above mentioned subject, herewith I am forwarding project proposal entitled "Fabrication of nanostructured Polyaniline thin film for electrochromic smart windows and supercapacitor application" under research sensitization scheme for college students initiated by Shivaji University, Kolhapur from June 2017.

Herewith I kindly request you to consider the said project proposal for possible selection.

Yours' (Fasthfwly PRINCIBAL (I/C) KRISHNA MAHAVIDYALAYA RETHARE (BK.), TAL. KARAD

Received 11/8/2016



To

The Principal, Krishna Mahavidyalaya Rethare (Bk.) Tal.Karad, Dist. Satara.

> Sub. : Submission of Research Project under Research Promotion Activity ofr College Students.

I am pleased to inform you that the Research Project under the Research Promotion Activity of the Shivaji University, Kolhapur is received with following details.

Name of Project Advisor	Name of Students	Title of Project	Amount Estimate Rs.
Dr. D. S. Dalavi	1) Desavale Suryashree Vilasrao	Fabrication of Nanostructured	10,000/-
	2) Jadhav Amol Vijay	Polyaniline thin film for electrochromic smart windows and	
	3) Harale Mohini Rajendra	supercapacitor application	
	4) Jadhav Nikita Bharat	the subscription and	and the second second

Financial assistance under this scheme is subject to final approval and directions of the university.

Thank you,



Yours faithfully,

Principal, Sadguru Gadage Maharaj College, KARAD



Ref No.: SU/C&U.D.Section/86/233

1 O MAY 2018

To. Dr. Dhanaji Suresh Dalavi, Krishna Mahavidyalaya, Rethare Bk., Dist: Satara.

> Sub: Your project entitled, "Synthesis of Tungsten Oxide - Conducting Polymers Core-Shell nanostructures for efficient Electrochromic Smart Windows " Ref: Our Office Circular No: SU / C.&U.D. Section/ UGK/ 347, dt. 11/07/2017.

Sir / Madam,

With reference to your application for financial assistance for scheme under Research Initiation Scheme-2017-2018, I am directed to inform you that the research project entitled "Synthesis of Tungsten Oxide - Conducting Polymers Core-Shell nanostructures for efficient Electrochromic Smart Windows" has been accepted for the financial support under the shceme for the period of two years (2018-2019 to 2019-2020). The total grant for the projects will be ₹.125000/- (₹. One Lakhs Twenty Five Thousand Only). The first installment (i.e.advance) of ₹.112500/- (₹. One Lakhs Twelve Thousand Five Hundred Only) will be released after receiving the following documents i.e. University approval letter (Change in Staff), appointment letter, Confirmation Order, Undertaking duly signed by the P.I and Principal in the prescribed format, Acceptance letter (Annex. B), Aadhar Card Zerox, Pan Card Zerox, Passbook zerox (Joint passbook), Advance Stamp Receipt etc.,

		Amount sanctioned in Rs.			Grant released		
Sr. No	Item	1 st Year	2 nd Year	Total	as First installment		
A)	Recurring						
	1) Books and Journals	₹.0/-	₹.0/-	₹.0/-	₹.0/-		
	2) Hiring Services	₹.0/-	₹.0/-	₹.0/-	₹.0/-		
	3) Field Work and Travel	₹.0/-	₹.0/-	₹.0/-	₹.0/-		
	4) Chemical and Glassware	₹.10000/-	₹.10000/-	₹.20000/-	10000/-		
	5) Contingency	₹.2500/-	₹.2500/-	₹.5000/-	₹.2500/-		
B)	Non-recurring						
	*Equipment	₹.100000/-	₹.0/-	₹.100000/-	₹.100000/-		
	Total	₹.112500/-	₹. 12500/-	₹.125000/-	₹.112500/-		

The Details of the funds sanctioned. :

* Name of the Equipment Equipment : Hydorthermal reactor, Programmable furnace, Spin Coater with Micro Centrifuge and Digital Balance

Kindly submit the above documents with duly signed in prescribed format to Registrar, Shivaji University, Kolhapur, at the earliest so as to release the grant. Thanking you,

Yours faithfully,

Deputy Registrar, **Colleges and University Development Section** Shivaji University, Kolhapur

Encl. :- As above Copy to:

- Account (P.G. Bill) Section
- The Principal/Head, Krishna Mahavidyalaya, Rethare Bk., Dist-Satara
- Dr. P. V. Anbhule, Co-ordinator, Department of Chemistry, Shivaji University, Kolhapur.