CRITERION-III: RESEARCH, INNOVATIONS AND EXTENSION

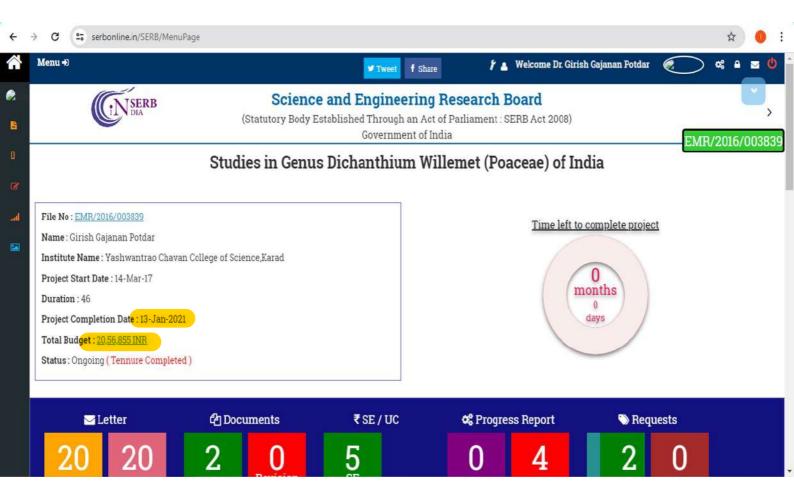
3.1 RESOURCE MOBILIZATION FOR RESEARCH

3.1.1 1. List of grants for research projects received during the assessment years along with the nature of the award, and the awarding agency with amount. (sanctioned letter highlighting the required parts)

Nature of Award	Name of the research project/ endowment	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Financial Year	Amount Received (INR in Lakhs)	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
	2018-19 (5.93163 Lakhs)							
Research	Studies in the Genus Dichanthium willemet (Poaceae) of India,	Dr. Potdar G. G	Botany	2018-19	5.83163	3 years + 2 Years Extension	Science and Engineering Research Board (SERB)	Government
Research	Exploring bioremediation potential of microorganisms for environmental cleanup	Dr. Patil J. U	Microbiology	2018-19	0.1	1 year	Shivaji University, Kolhapur	Non-Government
			2019-2	0 (2.1 Lakhs	;)			
Research	Studies in the Genus Dichanthium willemet (Poaceae) of India,	Dr. Potdar G. G	Botany	2019-20	2.0	3 years + 2 Years Extension	Science and Engineering Research Board (SERB)	Government
Research	Development of microcontroller based cold storage monitoring system	Shri. Mulla A. A.	Electronics	2019-20	0.1	1 year	Shivaji University, Kolhapur	Non-Government
			2020-2	1 (3.4 Lakhs	;)			
Research	Studies in the Genus Dichanthium willemet (Poaceae) of India,	Dr. Potdar G. G	Botany	2020-21	3.4	3 years + 2 Years Extension	Science and Engineering Research Board (SERB)	Government
			2021-2	2 (0.1 Lakhs	;)			
Research	Synthesis of Transition Mixed-metal Oxides Nanoparticles and its application for dye degradation	Prof. Dr. Mali A. V.	Chemistry	2021-22	0.1	1 year	Shivaji University, Kolhapur	Non-Government
				<u> </u>	wantra 0			cipal, n College of Science,

Yashwantrao Chavan College of Science. Karad

KARA



FILE NO. EMR/2016/003839 SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070

Dated: 06-Jun-2018

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ORDER

Subject: Research project entitled **"Studies in Genus Dichanthium Willemet (Poaceae) of India"** under the guidance of Dr. Girish Gajanan Potdar, Botany, Yashwantrao Chavan College of Science, Karad , Karad-masur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124.

1. This is in continuation of SERB's sanction order No. "EMR/2016/003839" dated "22 February, 2017 " of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 300000/-**(Rupees Three Lakh only) under 'Grants-in-aid General' to PRINCIPAL, Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra being the 3rd grant for the financial year 2018-2019 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs.** 283163/- (Rupees Two Lakh Eighty Three Thousand One Hundred and Sixty Three only) (Recurring Rs. 283163 and Non-Recurring Rs. 0) to Yashwantrao Chavan College of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra from FY 2017-2018 to FY 2018-2019 for the same purpose for which it was sanctioned

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

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Plant Sciences) (OBC)

7. The Sanction has been issued to Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra with the approval of the competent authority under delegated powers on 29 May, 2018 and vide Diary No. SERB/F/1863/2018-2019 dated 05 June, 2018

8. The release amount of Rs. 300000/- (Rupees Three Lakh 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:

Account Name	PRINCIPAL YCCS KARAD
Account Number	2583101005030
Bank Name & Branch	CANARA BANK CANARA BANK, MADHU CHAMBERS, SHANIWAR PETH, KARAD, DISTRICT SATARA, 415110, MAHARASHTRA
IFSC/RTGS Code	CNRB0002583
Email id of A/C Holder	prinyccsk@gmail.com
Email id of PI	girishpotdar@gmail.com

9. 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.

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

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delhi.



13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India 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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

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(Dr. Shilpi Paul) Scientist E ms_ps@serbonline.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. Girish Gajanan Potdar , Botany Yashwantrao Chavan College of Science, Karad , Karad-masur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124 Email: girishpotdar@gmail.com Mobile: 919423281026
5.	PRINCIPAL, Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad District Satara Maharashtra

(Dr. Shilpi Paul) Scientist E ms_ps@serbonline.in

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Dr. G. G. Potdar Principal Investigator SERB EMR MRP "Studies in Genus Dichanthium Willement (Poaceae) of India"

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Yashwantrao Chavan College of Science, Karad.



FILE NO. EMR/2016/003839 SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (a statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070

Dated: 30-May-2019

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ORDER

Subject: Research project entitled **"Studies in Genus Dichanthium Willemet (Poaceae) of India"** under the guidance of Dr. Girish Gajanan Potdar, Botany, Yashwantrao Chavan College of Science, Karad , Karad-masur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124.

1. This is in continuation of SERB's sanction order No. "EMR/2016/003839" dated "22 February, 2017" of Science and Engineering Research Board (SERB).

 Sanction of the competent authority is hereby accorded to the payment of a sum of Rs. 200000/- (Rupees Two Lakh only) under 'Grants-in-aid General' to PRINCIPAL, Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra being the 4th grant for the financial year 2019-2020 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs. 208687**/-(Rupees Two Lakh Eight Thousand Six Hundred and Eighty Seven only) (Recurring Rs. 208687 and Non-Recurring Rs. 0) to Yashwantrao Chavan College of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra from FY 2018-2019 to FY 2019-2020 for the same purpose for which it was sanctioned.

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

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Plant Sciences)

7. The Sanction has been issued to Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra with the approval of the competent authority under delegated powers on **28 May**, **2019** and vide Diary No. **SERB/F/998/2019-2020** dated **28 May**, **2019**

8. The release amount of **Rs. 200000/-** (Rupees Two Lakh only) (Recurring Rs. 200000 and Non-Recurring Rs. 0) 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:

Account Name	PRINCIPAL YCCS KARAD
Account Number	2583101005030
Bank Name & Branch	CANARA BANK CANARA BANK, MADHU CHAMBERS, SHANIWAR PETH, KARAD, DISTRICT SATARA, 415110, MAHARASHTRA
IFSC/RTGS Code	CNRB0002583
Email id of A/C Holder	prinyccsk@gmail.com
Email id of PI	girishpotdar@gmail.com

9. 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.

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

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in favour of "Fund for Science and Engineering Research" payable at New Delm.



13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report. 20

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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

> (Dr. Shilpi Paul) Scientist E ms_ps@serbonline.in

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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. Girish Gajanan Potdar Botany Yashwantrao Chavan College of Science, Karad , Karad-masur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124 Email: girishpotdar@gmail.com Mobile: 919423281026			
5.	PRINCIPAL, Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra			

(Dr. Shilpi Paul) Scientist E ms_ps@serbonline.in

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Dr. G. G. Potdar Principal Investigator SERB EMR MRP "Studies in Coms Dichanthium Willement (Poaceae) of main?



cipal Yashwantrao Chavan College of Science, Karad.

FILE NO. EMR/2016/003839 SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (a statutory body of the Department of Science & Technology, government of India)

overnment of India) 5 & 5A, Lower Ground Floor Vasant Square Mall Plot No. A, Community Centre Sector-B, Pocket-5, Vasant Kunj New Delhi-110070

Dated: 04-Jun-2020

ORDER

Subject: Research project entitled **"Studies in Genus Dichanthium Willemet (Poaceae) of India"** under the guidance of Dr. Girish Gajanan Potdar, Botany, Yashwantrao Chavan College of Science, Karad , Karadmasur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124.

1. This is in continuation of SERB's sanction order No. "EMR/2016/003839" dated "22 February, 2017" of Science and Engineering Research Board (SERB).

2. Sanction of the competent authority is hereby accorded to the payment of a sum of **Rs. 340000/-**(Rupees Three Lakh Forty Thousand only) under 'Grants-in-aid General' to **PRINCIPAL**, Yashwantrao **Chavan College Of Science**, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra being the 5th grant for the financial year 2020-2021 for implementation of the above said project.

3. Sanction of the competent authority is also accorded to the carry forward of unspent balance of **Rs.** 41914/- (Rupees Forty One Thousand Nine Hundred and Fourteen only) (Recurring Rs. 41914 and Non-Recurring Rs. 0) to Yashwantrao Chavan College of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra from FY 2019-2020 to FY 2020-2021 for the same purpose for which it was sanctioned.

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

5. It is certified that provision of GFR 212 relating to Utilization Certificates (Ucs) for the funds released under the grant have been satisfied and the UC/s is/are enclosed herewith.

6. The expenditure involved is debitable to Fund for Science & Engineering Research (FSER) This release is being made under Core Research Grant. (PAC Plant Sciences)

7. The Sanction has been issued to Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad, District Satara Maharashtra with the approval of the competent authority under delegated powers on 02 June, 2020 and vide Diary No. SERB/F/296/2020-2021 dated 03 June, 2020

8. The release amount of **Rs. 340000/-** (Rupees Three Lakh Forty Thousand only) (Recurring Rs. 340000 and Non-Recurring Rs. 0) 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	NA
Account Name	PRINCIPAL YCCS KARAD
Account Number	2583101005030
Bank Name & Branch	CANARA BANK CANARA BANK, MADHU CHAMBERS, SHANIWAR PETH, KARAD, DISTRICT SATARA, 415110, MAHARASHTRA
IFSC/RTGS Code	CNRB0002583
Email id of A/C Holder	prinyccsk@gmail.com
Email id of PI	girishpotdar@gmail.com

9. 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.



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

11. The institute will furnish to the SERB, Utilization certificate(separate for Recurring & Non-Recurring) and an audited statement of accounts pertaining to the grant immediately after the end of each financial Chavan year.

12. After completion of the project unspent balance if any should be returned as Demand Draft drawn in S favour of "Fund for Science and Engineering Research" payable at New Delhi.

13. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India 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 the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

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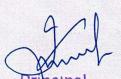
(Dr. Shilpi Paul) Scientist E ms_ps@serbonline.in

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. Girish Gajanan Potdar Botany Yashwantrao Chavan College of Science, Karad , Karad-masur road, vidyanagar, karad, district satara maharashtra, Satara, Maharashtra-415124 Email: girishpotdar@gmail.com Mobile: 919423281026
5.	PRINCIPAL, Yashwantrao Chavan College Of Science, Karad, Karad-Masur Road, Vidyanagar, Karad District Satara Maharashtra

(Dr. Shilpi Paul) Scientist E ms_ps@serbonline.in

Dr. G. G. Potdar Principal Investigator SERB EMR MRP "Studies in Genus Dichanthium Willement (Poaceae) of India"



Prihcipal Yashwantrao Chavan College of Science, Karad.





प्रति.

मा.प्राचार्य, यशवंतराव चव्हाण कॉलेज ऑफ सायन्स, कराड जि.सातारा

> विषय : अग्रणी महाविद्यालय योजनेअंतर्गत रिसर्च प्रोजेक्टसाठी द्यावयाच्या ॲडव्हान्सबाबत.

संदर्भ : आपलेकडील जा.क्र.BV/YCLCK/2081 दि.१४/०९/२०१९ चे पत्र.

महोदय.

आपलेकडील वरील संदर्भपत्रास अनुसरून कळवू इच्छितो की, शिवाजी विद्यापीठाच्या Research Promotion Activity for students of the affiliated Colleges या योजनेअंतर्गत आपल्या विद्यार्थ्याच्या "Exploring bioremediation potential of Microorganisms for environmental cleanup " या <mark>रिसर्च प्रपोजलसाठी विद्यापीठाने रू. १००००/-</mark> मंजूर केले असून सदर रिसर्च प्रपोजलसाठी सोबत रू.८०००/- चा ॲडव्हान्स रकमेचा चेक नं. 03/37 दि. /०१/२०१८ ने सोबत पाठविला आहे. कृपया संदर रकमेची पोहोच पावती त्वरीत पाठवून द्यावी.

वरील रिसर्च प्रोजेक्टसाठी मंजूर रक्कम रू.१०,०००/- खर्च करून त्याचा हिशोब व प्रोजेक्ट रिपोर्ट या अग्रणी महाविद्यालयाकडे त्वरीत सादर करावा म्हणजे उर्वरीत रक्कम अदा करणे सोईचे होईल.

कळावे, ही विनंती.

अग्रणी महाविद्यालय, स.गा.म.कॉलेज, कराड Topill' R. सोबत : वरीलप्रमाणे.

Jupati



आपला विश्वास्,

अग्रणी महाविद्यालय संद्गुरू गाडने महाराज कॉलेज, कराड

cipal

Chavan College Yashwantrao of Science, Karad.

"Education through self-help is our motto." - Karmaveer Estd.: 1954 Rayat Shikshan Sanstha's SADGURU GADAGE MAHARAJ COLLEGE, KARAD VIDYANAGAR, Pin - 415 124, Dist. Satara (M.S.) INDIA P.O. Box No.3 रयत शिक्षण संस्था,सातारा १९१९-२०१९ 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 Įο The Principal, Yashwantrao Chavan College of Science,

Karad, Dist. Satara

Sub. : Submission of Research Project under Research Promotion Activity of 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.	
Shri. Asif Abbas Mulla	1) Ayesha Asif Pahtan	Development of Microcontroller Based Cold		
	2) Sonali Jaywant Patil	Storage Moniroting System	10500/-	

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

Thank you,



Yours faithfully.

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



II Be One with the downtrodden and the underprivileged II Shri Shivaji Education Society Karad, Board For Higher Education's

Estd. 1958

Vidyanagar, KARAD - 415 124 Dist. Satara (Maharashtra) 202164 - 271356, 271357 e-mail : prinyccsk@gmail.com

UDISE Code - 27310207715 In

Index No. J 21.02.002

Reacredited B⁺⁺ Level by NAAC, Bangalore

AN ISO 9001-2015 CERTIFIED COLLEGE REG. NO.: RQ91/5237

Ref:- 47/2021-22

Date: - 23/0572022

To, The Principal, Sadguru Gadage Maharaj College, Karad

Subject: Research Project Completion Report

Sir, sanction

With respect to above subject our college sanction minor research project entitled "Synthesis of Transition Mixed-metal Oxides Nanoparticles and its applications for dye degradation" under lead College for College Students in the academic year 2021-22. Now we are submitting Project Completion report with utilization.

Please accept these Project Completion report and utilization.

Do needful and oblige.

Received 23/8/22



Yours faithfully

Tashwantrao Chavan College of Science, Karad