3.2.2 Number of teachers having research projects during the year

3.2.2

Number of teachers having research projects during the year: 2022-23

Year	2022-2023	
No. of teachers having research	21	
projects		
Percentage. of teachers having	33%	
research projects		

Sr. No.	Name of the Teacher	Title of Project	Department of the Principal Investigator
1	Dr. Pendharkar Girish Bhikanrao	Assessment of potential of multifunctional microbial metabolites in developing smart bandage for treatment of superficial wounds.	Microbiology
2	Mr. Shriram Abhimanyu Shinde	Functionalization of Nitrogen Containing Heterocycles and Aldehyde Derivatives	Chemistry
3	Dr. Ananta Gulab Dhodamani	Hybrids of Doped/undopedMxOy/CNs Nanostructures for Efficient Energy Conversion and Storage Devices	Chemistry
4	Mr. Anil Ramesh Baswat	Studies on Chemically Synthesized Hydrotalcite Nanoparticles and their Application	Chemistry
5	Mr. Pramod Dhondiram Kumbhar	Development of Efficient Adsorbents for Removal of Toxic Materials form Aqueous Solution	Chemistry
6	Dr. Mrs. Manasi Shirish Patil	Identification and Characterization of Bioactive Metabolites From the Fruits of <i>IxoraCoccinea</i>	Botany
7	Mr. Jayant Shankar Kadam	Develop machine learning algorithm to optimize risk return strategies of investment in Forex Market	Computer Science
8	Dr. Kalpana Narayan Patil	Mental Health and Occupational Stress of Lawyers: A Comparative Study	Psychology
9	Prof. (Dr.) Anna Kaka Patil	An Economic Assessment of Tembhu Lift Irrigation Project	Economics
10	Dr. Jyoti Shivajirao Jadhav	A Study of Impact of Covid 19 Lockdown on Economy of Women in Karad Tehsil of Satara District.	
11	Dr. Nishigandha P. Bansode	A Study of Labour Welfare Schemes with Reference to Tasawade MIDC in Karad Taluka	Economics
12	Dr. Madake Suraj Bajirao	Structural investigations of iron-based semiconducting nanocrystalline materials.	Physics
13	Dr. Kumbhar Sarita Suresh	Study of structural, morphological and gas sensing properties of spray pyrolysed Nickel-Zink ferrite thin firms.	Physics
14	Dr. Pratibha S. Patil	Production of biodegradable plastic as polyhydroxybutyrate (PHB) by using low cost agricultural waste material	Microbiology
15	Dr. Waghmode Ahilya Vitthal	Study of current seaweeds biodiversity assessment from Maharashtra coast	Botany

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16	Dr. Vaidehi B. Chopade	Effect of climate factors on isolated of anthracnose disease of custard apple caused by Colletotrichum gloeosporioides	Botany
17	Dr. Naik Babasaheb Pirgounda	Lok sahir vitthal Umam ek Abhyas	Marathi
18	Dr. Pratibha S. Patil	Isolation and characterization of microbial melanin pigment and study of its application	Microbiology
19	Dr. S. G. Parte	Evaluation of antiglycation and antioxidant potential of some medicinal plants	Zoology
20	Prof. Dr. D. D. Namdas	Rhizophore management for sustainable agriculture	Botany
21	Dr. Pisal H. Sunanda	Hydrothermal synthesis of CNT@wo3 nanocomposite as high performance electrode for flexible supercapacitor	Physics

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FILE NO. TAR/2021/000208

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: 01-Feb-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Dr. Girish Bhikanrao Pendharkar, Sadguru Gadage Maharaj College Karad, Masur Rd, Ashtavinayak Colony, Vidyanagar, Karad, Satara, Maharashtra-415110 - under the mentorship of Dr. Jyutika M. Rajwade, at Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune - 411004 - Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned grant at a total cost of **Rs. 18,30,000/- (Rs.** Rupees Eighteen Lakh Thirty Thousand only **Only**) for a duration of 36 months. The date of start of the project will be 13 December, 2021. The items of expenditure for which the total allocation of **Rs. 18,30,000/-** has been approved are given below:

The following budget is proposed for

Sadguru Gadage Maharaj College Karad , Masur Rd, Ashtavinayak Colony, Vidyanagar, Karad, Satara, Maharashtra-415110 (Parent)

Sl. No.	Budget Head	Amount	
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))	
2.	Research Grant	Rs. 2,50,000/- per annum	
3.	Overheads	Rs. 25,000/- per annum	

Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune - 411004 (Host)

Sl. No.	Budget Head	Amount	
1.	Fellowship	s. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)	
2.	Research Grant	Rs. 2,50,000/- per annum	
3.	Overheads	Rs. 25,000/- per annum	

- 2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to Sadguru Gadage Maharaj College Karad, Masur Rd, Ashtavinayak Colony, Vidyanagar, Karad, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune 411004 being the first installment of the grant for the year 2021-2022 for implementation of the said research project.
- 3. The expenditure involved is debitable to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Biophysics, Biochemistry, Molecular Biology and Microbiology)

- 4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/6966/2021-2022 dated 10 January, 2022
- 5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- 6. 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.
- 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 release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five 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:

Sadguru Gadage Maharaj College Karad , Masur rd, ashtavinayak colony, vidyanagar, karad, Satara, Maharashtra-415110 (Parent) :

PFMS Unique Code	SGMCK
Account Name	Principal S G M College Karad RUSA
Account Number	2583101006009
Bank Name & Branch	Canara Bank Karad Branch,C,233, Shahu Chouk,Shaniwar Peth, Karad, Dist. Satara, Maharashtra - 415110
IFSC/RTGS Code	CNRB0015410
Email address of PI	gireeshsh08@gmail.com
Email id of A/C Holder	sgmkarad@yahoo.com
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five 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:

Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune - 411004 (Host):

PFMS Unique Code	ARIMACS		
Account Name Agharkar Research Institute - MACS			
Account Number	489402010914262		
Bank Name & Branch	Name & Branch Union Bank of India Fergussan College Road, Pune - 411005		
IFSC/RTGS Code UBIN0548944			
Email address of PI gireeshsh08@gmail.com			
Email id of A/C Holder accounts@aripune.org			
Email id of Mentor Dr. Jyutika M. Rajwade			

9.Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB 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 fellowship. 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 File no. TAR/2021/000208 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.
- 12. As this is the first grant for the fellowship, no previous U/C is required.
- 13. 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.
- 14. 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.
- 15. 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. T Thangaradjou) 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.	(i) Dr. Girish Bhikanrao Pendharkar Department of Microbiology Sadguru Gadage Maharaj College Karad , Masur rd, ashtavinayak colony, vidyanagar, karad, Satara, Maharashtra-415110 Email: gireeshsh08@gmail.com Mobile: 918871689578 (ii) Dr. Jyutika M. Rajwade Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune - 411004 (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.	(i) Principal, Sadguru Gadage Maharaj College Karad, Masur Rd, Ashtavinayak Colony, Vidyanagar, Karad
	(ii)Director Agharkar Research Institute Gopal Ganesh Agarkar Road, Pune - 411004
	(Receipt of Grant may be intimated by name to the undersigned)

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



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(An Autonomous College) Accredited 'A+ with CGPA 3.63 by NAAC ISO 9001:2015 Certified



Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023 33°3/22-23
Sanction Letter of MRP under RUSA

To.

Mr. Shriram Abhimanyu Shinde Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam.

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Chemistry entitled "Functionalization of Nitrogen Containing Heterocycles and Aldehyde Derivatives" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1.15.000/-.

Sr.	Recurring	Amount sanctioned in Rs.		Total Amount		
No.	grant	1 st Installment	2 nd Installment	in Rs.		
A.	Recurring					
	1)Chemical & Glassware	65000/-	5000/-	70000/-		
	2)Travel/ Field work	and sell too				
	3)Contingency/ Special Need	10000/-	5000/-	15000/-		
	4) Characterization	30000/-	00/-	30000/-		
	Total	1,05,000/-	10,000/-	1,15,000/-		

- As per project guidelines, total grants of Rs.1,15,000/- has been sanctioned to your research project and out of grant Rs. 1,05,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023

Sanction Letter of MRP under RUSA

To,

Dr. Ananta Gulab Dhodamani Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Chemistry entitled "Hybrids of Doped/undoped MxOy/CNs Nanostructures for Efficient Energy Conversion and Storage Devices" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1,10,000/-

Sr.	Recurring	Amount sanctioned in Rs.		Total Amount
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	1)Books and Journals		4-44	
	2)Chemical & Glassware	55000/-	5000/-	60000/-
	3) Contingency/ Special Need	15000/-	5000/-	20000/-
	4) Characterization	30000/-	00/-	30000/-
	Total	100,000/-	10,000/-	1,10,000/-

- As per project guidelines, total grants of Rs.1,10,000/- has been sanctioned to your research project and out of grant Rs. 1,00,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023 33.03 /22-23 Sanction Letter of MRP under RUSA

To.

Mr. Anil Ramesh Baswat Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam.

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Chemistry entitled "Studies on Chemically Synthesized Hydrotalcite Nanoparticles and their Application" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1.05.000/-

Sr.	Recurring	Amount sanctioned in Rs.		Total Amount
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	1)Chemicals and glassware	55,000/-	5,000/-	60,000/-
	2) Contingency / Special Need	15000/-	5000/-	20000/-
	3)Characterization	20000/-	5000/-	25,000/-
	Total	90,000/-	15,000/-	1,05,000/-

- As per project guidelines, total grants of Rs.1,05,000/- has been sanctioned to your research project and out of grant Rs. 90,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023

anction Letter of MRP under RUSA

To,

Mr. Pramod Dhondiram Kumbhar Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Chemistry entitled "Development of Efficient Adsorbents for Removal of Toxic Materials form Aqueous Solution" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 115,000/-

Sr.	Recurring	Amount sanctioned in Rs.		Total Amount
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	1)Chemicals and glassware	60000/-	5000/-	65000/-
	2) Contingency / Special Need	15000/-	5000/-	20000/-
	3)Characterization	30000/	00/-	30000/-
	Total	1,05,000/-	10000/-	1,15,000/-

- As per project guidelines, total grants of Rs.1,15,000/- has been sanctioned to your research project and out of grant Rs. 105000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,





SADGURU GADAGE MAHARAJ

COLLEGE, KARAD

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023

3303/22-33 Sanction Letter of MRP under RUSA

To,

Dr. Mrs. Manasi Shirish Patil Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Botany and Plant Protection entitled "IDENTIFICATION AND CHARACTERISATION OF BIOACTIVE METABOLITES FROM THE FRUITS OF OXORA COCCINEA" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1,00,000/-

Sr.	Recurring	Amount san	Total Amount	
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	2)Chemical & Glassware	25000/-	00/-	25000/-
	3)Travel/ Field work	15000/-	5000/-	20000/-
	4)Contingency/ Special Need	15000/-	00/-	15000/-
	5) Analytical Charges	35000/-	5000/-	40000/-
	Total	90000/-	10000/-	1,00,000/-

- As per project guidelines, total grants of Rs.1,00,000/- has been sanctioned to your research project and out of grant Rs. 90,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023

Sanction Letter of MRP under RUSA

To,

Mr. Jayant Shankar Kadam Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Computer Application entitled "Develop machine learning algorithm to optimize risk return strategies of investment in Forex Market" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 90,000/-

Sr.	Recurring	Amount san	Amount sanctioned in Rs.		
No.	grant	1 st Installment	2 nd Installment	in Rs.	
A.	Recurring				
	1)Books and Journals	10000/-		10000/-	
	2)Chemical & Glassware	På del for-ge			
	3)Travel / Fieldwork	40000/-	5000/-	45000/-	
	4)Contingency/ Special Need	30000/-	5000/-	35000/-	
	Total	80,000/-	10,000/-	90,000/-	

- As per project guidelines, total grants of Rs.90,000/- has been sanctioned to your research project and out of grant Rs. 80,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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WARAD COLLEGE



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023

3308/22-23
Sanction Letter of MRP under RUSA

To,

Dr. Kalpana Narayan Patil Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam.

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Psychology entitled "Mental Health and Occupational Stress of Lawyers: A Comparative Study" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 65,000/-

Sr.	Recurring	Amount san	Total Amount	
No.	grant	1 st Installment	2 nd Installment	in Rs.
Α.	Recurring			
	1)Books and Journals	10,000/-		10,000/-
	2)Special Need	10000/-		10000/-
	(Psychological Scales)			
	3)Field work and Travelling	18000/-	7000/-	25,000/-
	4)Contingency	20000/-	00/-	20,000/-
	Total	58000/-	7000/-	65,000/-

- As per project guidelines, total grants of Rs.65,000/- has been sanctioned to your research project and out of grant Rs. 58000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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SADGURU GADAGE MAHARAJ COLLEGE, KARAD

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 2nd Jan. 2023 3303 /21-13 Sanction Letter of MRP under RUSA

To, Prof. (Dr.) Anna Kaka Patil Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Economics entitled "An Economic Assessment of Tembhu Lift Irrigation Project" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1.00.000/-.

Sr.	Recurring	Amount san	Total Amount	
No.	grant	1 st Installment 2 nd Installment		in Rs.
A.	Recurring			
	1)Books and Journals	5000/-		5000/-
	2)Field work and Travelling	35000/-	5000/-	40000/-
	3)Contingency & Hiring Services	50000/-	5000/-	55000/-
	Total	90000/-	10000/-	1,00,000/-

- As per project guidelines, total grants of Rs.1,00,000/- has been sanctioned to your research project and out of grant Rs. 90000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

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D-2468/2021

Sanction Letter of MRP under RUSA

To, Dr. Jyoti Shivajirao Jadhav Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of **Computer Science** entitled "A Study of Impact of Covid 19 Lockdown on Economy of Women in Karad Tehsil of Satara District by Using Data Analysis" has been accepted for financial support under **RUSA**. The total grant for the project will be Rs. 30,000/-

Sr.	Recurring	Amount san	Total Amount	
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	2)Books & Journals	/-	/-	5000/-
	3)Travel/ Field work	/-	/-	15000/-
	4)Contingency/ Special Need	/-	/-	5000/-
	5) Other Charges	/-	/-	5000/-
	Total	/-	/-	30,000/-

- As per project guidelines, total grants of Rs.30,000/- has been sanctioned to your research project and it sending herewith as total amount.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for Six Months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

Principal,

Sadguru Gadage Maharaj College, Karad



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

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Ref No. SGM/RUSA/MRP/F.No-4 Date: 10th August, 2022 118/22013 Sanction Letter of MRP under RUSA

0-24/08/2022

To.

Dr. Nishigandha P. Bansode Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject Economics entitled "A Study of Labour Welfare Schemes with Reference to Tasawade MIDC in Karad Taluka" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 40,000/-

	Recurring	Amount san	Total Amount	
Sr. No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring	5000/-		
	1)Books and Journals	-	•	
	2)Travel/ Field work	-	•	15000/-
	3)Contingency/ Special Need	-	-	10,000/-
	4) Out - Observed	_	_	10,000/-
	4) Other Charges		_	40,000/-
	Total			1.3,000

• As per project guidelines, total grants of Rs.40,000/- has been sanctioned to your research project and it sending herewith as total amount.

• The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(An Autonomous College) Accredited 'A+'with CGPA 3.63 by NAAC ISO 9001:2015 Certified



D-24/08/2022

Ref No. SGM/RUSA/MRP/F.No-4 Date: 10th August, 2022 1118/22-25 Sanction Letter of MRP under RUSA

To,

Dr. Madake Suraj Bajirao Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Physics entitled "Structural investigations of iron-based semiconducting nanocrystalline materials" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 30,000/-

- 1 1	Recurring	Amount san	Total Amount in Rs.	
Sr. No.	grant	1st T at Illustrate 2nd Installment		
A.	Recurring			
	1)Books and Journals	-	-	-
	2)Chemical & Glassware	-	-	20000/-
	3) Travel/ Field work	-	-	
	4)Contingency/ Special Need	-		10000/-
	Total	-	-	30,000/-

• As per project guidelines, total grants of Rs.30,000/- has been sanctioned to your research project and it sending herewith as total amount.

• The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

Received





SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(An Autonomous College)
Accredited ' A⁺ 'with CGPA 3.63 by NAAC
ISO 9001:2015 Certified

(P/@)

Ref No. SGM/RUSA/MRP/F.No-4 Date: 10th August, 2022 1118 22-23

D-24/08/2021

Sanction Letter of MRP under RUSA

To, Dr. Kumbhar Sarita Suresh Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Projects under RUSA.

Sir/ Madam,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of **Physics** entitled "Study of structural, morphological and gas sensing properties of spray pyrolysed Nickel-Zink ferrite thin firms" has been accepted for financial support under **RUSA**. The total grant for the project will be Rs. 30,000/-

Sr.	Recurring	Amount san	Total Amount	
No.	grant	1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	1)Books and Journals	-	-	-
	2) Chemical & Glassware	-	-	20000/-
	3)Field work and Travelling	-	_	-
	4)Contingency	-	_	10,000/-
	Total	-	-	30,000/-

- As per project guidelines, total grants of Rs.30,000/- has been sanctioned to your research project and it sending herewith as total amount.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for six months and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

SADAGE MARKARAD SOLLARS & 301101

Principal, Sadguru Gadage Maharaj College, Karad

Received

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SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA

PHONE APABN-0211-26090-0. 2609145. www.amishisaji.ac.ju, stats qumishisaji.ac.ju शिवाजी विद्यापीठ, कोल्हापूर -416 004, महाराष्ट्र. दुख्यनीः (ईपीएबीएक्स) 0231-2609000, 2609145



Ref No.: SU/C&U.D.S/ 12/63/8-71

Date:

EM JUL 2022

Dr. Ahilya Vitthal Waghmode,

Sadaguru Gadage Maharaj College, Karad 415124

Sub: Your project entitled, "Study of Current Seaweeds Biodiversity Assessment from Maharaslitra Coast"

Ref: Our Office Circular No: SU/C.&U.D. Section/300, dt. 01/11/2021.

Sir / Madam,

With reference to your application for financial assistance for scheme under Research Initiation Scheme 2021-2022, I am directed to inform you that the research project entitled "Study of Current Seaweeds Biodiversity Assessment from Maharashtra Coast" has been accepted for the financial support under the scheme for the period of two years from the date of sanctioned. The total grant for the projects will be ?. 130000/-. The first installment (i.e. advance) of ₹. 90000/-. The second installment of remaining grants will be released after submission of Final Report, Utilization Certificate, and Statement of Expenditure & Two Years Original Bills.

The Details of the funds sanctioned. :

Sr. No	Item	Amount sanctioned in Rs.			Grant released
		1" Year	2nd Year	Total	as First installment
A)	Recurring				
	1) Books and Journals	-\0.5	-\0.5	₹.0/-	₹0/-
i j	2) Hiring Services Characterization	-10.5	-\0.5	₹.0/-	¥0/-
	3) Field Work and Travel	₹.20000/-	₹.20000/-	₹.40000/-	₹.20000/-
	4) Chemical and Glassware	₹.10000/-	₹.10000/-	₹.20000/-	₹.10000/-
أعمسا	5) Contingency	<.10000/-	₹.10000/-	₹,20000/-	₹.10000/-
B)	Non-recurring				
	*Equipment	2.50000/-	2.0/-	₹.50000/-	₹.50000/-
	Total	₹.90000/-	₹.40000/-	₹.130000/-	₹.90000/-

Once the Project grant is approved. No Chages can be made to the funding.

After the one year complete of the Project, PI must be submitting his Midterm report with formatted Utilization Certificate, Statement of Expenditure & Original bills with Xerox copy set.

Thanking you,

Yours faithfully.

Deputy Registrar. C& U.D. Section

Shivaji University, Kolhapur

Encl. - As above

Copy to:

Account (P.G. Bill) Section The Head/ Principal, Sadaguru Gadage Maharaj College, Karad



Estd: 1962
"A++" Accredited by
NAAC(2021) With CGPA
3.52

SHIVAJI UNIVERSITY, KOLHAPUR-416 004, MAHARASHTRA

PHONE:EPABX-0231-2609000, 2609145, www.unishivaji.ac.in, stats@unishivaji.ac.in

शिवाजी विद्यापीठ, कोल्हापूर -416 004, महाराष्ट्र. दुरध्वनी: (ईपीएबीएक्स) 0231-2609000, 2609145

Ref No.: SU/C&U.D.S/ 13/66/870

Date:

REST JUL 2022

To.

Dr. Pratibha S. Patil, Sadaguru Gadage Maharaj College, Karad

Sub: Your project entitled, "Microbial Production of Biodegradable Plastic as Polyhydroxybutyrate (PHB) by using Low Cost Agricultural Waste Material"

Ref: Our Office Circular No: SU/C.&U.D. Section/300, dt. 01/11/2021.

Sir / Madam,

With reference to your application for financial assistance for scheme under Research Initiation Scheme 2021-2022, I am directed to inform you that the research project entitled "Microbial Production of Biodegradable Plastic as Polyhydroxybutyrate (PHB) by using Low Cost Agricultural Waste Material" has been accepted for the financial support under the scheme for the period of two years from the date of sanctioned. The total grant for the projects will be ₹. 200000/-. The first installment (i.e. advance) of ₹. 125000/-. The second installment of remaining grants will be released after submission of Final Report, Utilization Certificate, and Statement of Expenditure & Two Years Original Bills.

The Details of the funds sanctioned.:

Sr. No	Item	Amou	Amount sanctioned in Rs.			
		1 st Year	2 nd Year	Total	as First installment	
A)	Recurring				1410-0411110310	
	1) Books and Journals	₹.0/-	₹.0/-	₹.0/-	₹0/-	
	2) Hiring Services/Characterization	₹.0/-	₹.0/-	₹.0/-	₹0/-	
	3) Field Work and Travel	₹.5000/-	₹.5000/-	₹.10000/-	₹.5000/-	
	4) Chemical and Glassware	₹.60000/-	₹.60000/-	₹.120000/-	₹.60000/-	
	5) Contingency	₹.10000/-	₹.10000/-	₹.20000/-	₹.10000/-	
B)	Non-recurring					
	*Equipment	₹.50000/-	₹.0/-	₹.50000/-	₹.50000/-	
	Total	₹.125000/-	₹.75000/-	₹.200000/-	₹.125000/-	

**Once the Project grant is approved, No Chages can be made to the funding. **

After the one year complete of the Project, PI must be submitting his Midterm report with formatted Utilization Certificate, Statement of Expenditure & Original bills with Xerox copy set.

Thanking you,

Yours faithfully,

Deputy Registrar, C& U.D. Section

Shivaji University, Kolhapur

Encl. :- As above

Copy to:

Account (P.G. Bill) Section
 The Head/ Principal, Sadaguru Gadage Maharaj College, Karad



SHIVAJI UNIVERSITY, KOLHAPUR 416 004. MAHARASHTRA

माराजा र मुकार 023152609000, 2609145 www.unishiyaji ac.jo: बावाद्यांगांजांग्यां कट.jo प्रियाजी विद्यापीठ, कोल्हापुर 416 004, महाराष्ट्र, बुरुयनी: (ईपोएबीएबस) 0241 2609000, 2609145



Ref No.: SU/C&U.D.S/2/7/9,91

Dates

FI1 JUL 2022

To.

Dr. Vaidehi Baban Chopade, Vachaganera, Ch.

Yashavantrao Chavan Institute of Science, Satara

415002

Sub: Your project entitled, "Effect of climate factors on isolated of anthracrose disease of Custard Apple caused by Colletotrichum glocosporioides"
 Ref: Our Office Circular No.; SU / C.&U D. Section/ 300, dr. 01/11/2021.

Sir / Madam,

With reference to your application for financial assistance for scheme under Research Initiation Scheme 2021-2022. I am directed to inform you that the research project entitled "Effect of climate factors on isolated of anthracuose disease of Custard Apple caused by Colletotrichum gloeosporioides" has been accepted for the financial support under the scheme for the period of two years from the date of sanctioned. The total grant for the projects will be ₹. 120000/-. The first installment (i.e. advance) of ₹. 60000/-. The second installment of remaining grants will be released after submission of Final Report, Utilization Certificate, and Statement of Expenditure & Two Years Original Bills.

The Details of the funds sanctioned. :

Sr. No		Amount sanctioned in Rs.			Grant released
a Walland	Item	P" Year	2 nd Year	Total	as First
A)	Recurring	A SHARE SHARE			installment
	1) Books and Journals	₹.0/-	₹.0/-	₹.0/-	₹0/-
	2) Hiring Services/Characterization	₹.12500/-	₹.12500/-	₹.25000/-	
	3) Field Work and Travel	₹.17500/-	₹.17500/-	₹.35000/-	₹12500/-
	4) Chemical and Glassware	₹.17500/-	₹.17500/-	₹.35000/-	₹.17500/-
	5) Contingency	₹.12500/-	7.12500/-	₹.25000/-	₹.17500/-
B)	Non-recurring		1.72.3000-1	C.25000/-	₹.12500/-
	*Equipment	₹.0/-	7.0/-1	100	
DE SIES	Total	₹.60000/-		₹.0/-	₹.0/-
* Name o	of the Equipment : Nill	C.00000/-	₹.60000/-	₹.120000/-	₹.60000/-

**Once the Project grant is approved, No Chages can be made to the funding. **

After the one year complete of the Project, PI must be submitting his Midterm report with formatted Utilization Certificate, Statement of Expenditure & Original bills with Xerox copy set.

Thanking you,

Deputy Registrar,

The State of Science Yours faithfully.

Satura Only

Deputy Registrar,

C& U.D. Section

Shivaji University, Kolhapur

Encl. :- As above

Сору ю:

Account (P.G. Bill) Section

• The Head/ Principal, Yashavantrao Chavan Institute of Science, Satara



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(An Autonomous College) Accredited ' A⁺ 'with CGPA 3.63 by NAAC ISO 9001:2015 Certified

Sanction Letter of MRP under RUSA



Date23rd March. 2022

Ref. No. SGM/RUSA/MRP/F.No.-4 2425/2021-22

To, Dr. Babasaheb Pirgounda Naik Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Project under RUSA.

Sir

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Marathi entitled "Lok Shahir Vitthal Umap ek Abhyas" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 80,000/-

Sr.	Recurring	Amount san	Total Amount	
No.	Grant	1 st Installment 2 nd Installment		in Rs.
A.	Recurring			
	1)Books and Journals	30000/-	10000/-	40000/-
	2)Chemical & Glassware			
	3)Travel/ Field work	30000/-	40	30000/-
	4)Contingency/ Special Need	5000/-	5000/-	10000/-
B.	Non-recurring			200007
	Equipment			
	Total	65000/-	15000/-	80000/-

As per project guidelines, total grants of Rs. 80,000/- has been sanctioned to your research project and out of grant Rs. 65000/- sending herewith as a first installment.

• The second installment of remaining grants will be released after submission of annual progress report.

• The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for one year and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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(An Autonomous College)
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ISO 9001:2015 Certified



Ref. No. SGM/RUSA/MRP/F.No-4 2425/2021-22.

Date23rd March. 2022

Sanction Letter of MRP under RUSA

To, Dr. Smt. Pratibha S. Patil Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Project under RUSA.

Sir

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Microbiology entitled "Isolation and Characterization of Microbial Melanin Pigment and Study of its Applications" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 120,000/-

Sr. No.	Recurring grant	Amount sanctioned in Rs.		Total Amount
		1 st Installment	2 nd Installment	in Rs.
· A .	Recurring			
	1)Books and Journals	5000/-		5000/-
	2)Chemical & Glassware	30000/-	10000/-	40000/-
	3)Hiring Services	50000/-	10000/-	60000/-
	4)Contingency/ Special Need	15000/-	00/-	15000/-
В.	Non-recurring			
	Equipment			
	Total	100000/-	20000/-	120000/-

- As per project guidelines, total grants of Rs.120,000/- has been sanctioned to your research project and out of grant Rs.1,00,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for one year and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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Received Jan 23/3/22

Dr. P.S. Patil 23/3/22

Megmane



SADGURU GADAGE MAHARAJ COLLEGE, KARAD

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Ref. No. SGM/RUSA/MRP/F.No-4 2425/2021-22.

Date23rd March. 2022

Sanction Letter of MRP under RUSA

To, Dr. S. G. Parte Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Project under RUSA.

Sir

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of **Zoology** entitled "Evaluation of Antiglycation and antioxidant properties of some plants" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1.20.000/-

Sr. No.	Recurring grant	Amount sanctioned in Rs.		Total Amount
		1 st Installment	2 nd Installment	in Rs.
A.	Recurring			11
	1)Books and Journals	5000/-		5000/-
	2)Chemical & Glassware	45000/-	5000/-	50000/-
	3)Travel/ Field work	10000/-		10000/-
	4)Contingency/ Special Need	20000/-	5000/-	25000/-
	5)Hiring Services	20000/-	10000/-	30000/-
В.	Non-recurring			
	Equipment		305 tad	
	Total	100000/-	20,000/-	120000/-

- As per project guidelines, total grants of Rs.1,20,000/- has been sanctioned to your research project and out of grant Rs.1,00,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for one year and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

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SADGURU GADAGE MAHARAJ COLLEGE, KARAD

(An Autonomous College) Accredited ' A⁺ 'with CGPA 3.63 by NAAC ISO 9001:2015 Certified



Date 43rd March. 2022

Ref. No. SGM/RUSA/MRP/F.No.-4 2425/2021-72.

Sanction Letter of MRP under RUSA

To.

Prof. Dr. Namdas Dada Dhondiba Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Project under RUSA.

Sir

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Botany entitled "Rhizophore Management for Sustainable Agriculture" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 80,000/-

Sr. No.	Recurring Grant	Amount sanctioned in Rs.		Total Amount
		1 st Installment	2 nd Installment	in Rs.
·A.	Recurring			
	1)Books and Journals	5000/-		5000/-
	2)Chemical & Glassware	20000/-	5000/-	25000/-
	3)Travel/ Field work	15000/-	5000/-	20000/-
	4)Contingency/ Special Need	20000/-	10000/-	30000/-
В.	Non-recurring			
	Equipment		==	
	Total	60000/-	20000/-	80000/-

- As per project guidelines, total grants of Rs. 80,000/- has been sanctioned to your research project and out of grant Rs. 60000/- sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for one year and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you, Reconver

KARAD ARAN E

Principal, Sadguru Gadage Maharaj College,

Karad '



SADGURU GADAGE MAHARAJ COLLEGE. KARAD

(An Autonomous College) Accredited ' A⁺ 'with CGPA 3.63 by NAAC ISO 9001:2015 Certified



Date23rd March. 2022

Ref. No. SGM/RUSA/MRP/F.No-4 2425 2021-22

Sanction Letter of MRP under RUSA

To, Dr. Sunanda H. Pisal Sadguru Gadage Maharaj College, Karad

Subject: Financial Assistance to college teachers for undertaking Minor Research Project under RUSA.

Sir,

I am directed to convey the sanction of the MRP. The college on the recommendations of the Expert Committee has approved the Minor Research Project in the subject of Physics entitled "Hydrothermal Synthesis of CNT@WO3 Nanocomposite as High- Performance Electrode for Flexible Supercapacitor" has been accepted for financial support under RUSA. The total grant for the project will be Rs. 1,00,000/-

Sr. No.	Recurring grant	Amount sanctioned in Rs.		Total Amount
		1 st Installment	2 nd Installment	in Rs.
A.	Recurring			
	1)Books and Journals	10000/-	00/-	10000/-
	2)Chemical & Glassware	40000/-	10000/-	50000/-
	3)Travel/Field work	5000/-	5000/-	10000/-
	4)Contingency/ Special Need	25000/-	5000/-	30000/-
В.	Non-recurring			
	Equipment	<u>.</u>	60	-
	Total	80000/-	20000/-	100000/-

- As per project guidelines, total grants of Rs.1,00,000/- has been sanctioned to your research project and out of grant Rs.80,000/-sending herewith as a first installment.
- The second installment of remaining grants will be released after submission of annual progress report.
- The effective date of start of the project should be the date on which grant is credited to you. The total period of the project will be for one year and no circumstances it will be extended further.

The Project should be implemented as per the Expert Committee Guidelines for Minor Research Projects.

Thanking you,

Pecievre Receivre

KARAD GARAN S

Principal, u Gadage Maharaj College,

Karad