



Karnatak University's,
KARNATAK SCIENCE COLLEGE, DHARWAD

NAAC Accredited

Phone No: 0836-2215410 & 2215400 Fax: 0836-2744334

Email: principal.kscd@gmail.com Web: www.kscd.ac.in



3.1.3 - Number of departments having Research projects funded by government and non government agencies during the year

Four departments of KSCD have faculty members who are implementing Research Projects sanctioned by different government agencies. The following table gives the list and other brief details. The Project Sanction Orders are also attached in this document (compilation), as evidence for the same. **Nine faculty members** of KSCD are implementing research projects, in the duration from 01st June 2021 up to 31st May 2022. They include Dr.(Smt.) Reshma Nesargi (Asst. Prof. Dept. Of Physics, KSCD), Dr. (Smt.) Nirupama J. M (Asst. Prof. Dept. Of Physics, KSCD), Dr. Rajappa S. K (Asst. Prof. Dept. Of Chemistry, KSCD), Dr. Rajesh Kalkhambkar (Asst. Prof. Dept. Of Chemistry, KSCD), Dr. Kariyappa Katagi (Asst. Prof. Dept. Of Chemistry, KSCD), Dr. (Smt.) Saraswati Masti (Associate Prof. Dept. Of Chemistry, KSCD), Dr.(Smt.) Jayalakshmi K(Asst. Prof. Dept. Of Chemistry, KSCD), Dr. Manjunatha S (Associate Professor, Dept. Of Geology, KSCD) and Dr. Kotresha K(Associate Professor, Dept. Of Botany, KSCD).

Table 3.1.3 Grants received from Government and Non-Governmental agencies for research projects/ endowments in the institution during the year (INR in Lakhs)

Name of the Project	Name of the Principal Investigator (PI)	Department of the PI	Year of Award	Amount Sanctioned (INR in Lakhs)	Duration of the Project	Name of the funding agency	Type
Seed Grant	Dr. (Smt.) Reshma Nesargi	Physics	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. (Smt.) Nirupama J. M	Physics	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. Rajappa S. K	Chemistry	2021	0.5	One year	PMEB, KUD	Government
SERB-DST Project	Dr. Manjunatha S	Geology	2018	23.10	Three years	SERB-DST, Govt. Of India	Government
Seed Grant	Dr. Rajesh Kalkhambkar	Chemistry	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. Kariyappa Katagi	Chemistry	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. (Smt.) Saraswati Masti	Chemistry	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. Kotresha K	Botany	2021	0.5	One year	PMEB, KUD	Government
Seed Grant	Dr. Jayalakshmi K	Chemistry	2021	0.5	One year	PMEB, KUD	Government

Grants received from Government and Non-Governmental agencies for research projects in the institution during the year (INR in Lakhs) (with documents attached): INR 27.40 Lakhs

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ
PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2021-22/ 75

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "**Interaction of substituted chalcones with metal/semiconductor nanoparticles for their possible sensor applications**" submitted by Dr. Nirupama J.M., Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. **01.04.2021 to 31.03.2022**. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 1. Page 1 of the Project Sanction order of Dr. (Smt.) Nirupama J. M, Assistant Professor, Department of Physics, KSCD; Seed Grant, PPMEB, KUD

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE Journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

To,
Dr. Nirupama J.M.,
Assistant Professor,
Dept. of Physics,
Karnatak Science College, Dharwad.

Image 2. Page 2 of the Project Sanction order of Dr. (Smt.) Nirupama J. M, Assistant Professor, Department of Physics, KSCD; PMEB, KUD (Seed Research Grant).

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2021-22/ 73

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Magnetoconductivity of freestanding quantum well structures due to confined acoustic phonons" submitted by Dr. Reshma A. Nesargi, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 3. Project Sanction order (See Money Research Grant, PMEB, KUD) of Dr. I(Smt.) Reshma Nesargi, Assistant Professor, Department of Physics, KSCD....Page 1 of 2

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

To,
Dr. Reshma A. Nesargi
Assistant Professor,
Dept. of Physics,
Karnatak Science College, Dharwad.

Image 4. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. I(Smt.) Reshma Nesargi, Assistant Professor, Department of Physics, KSCD....Page 2 of 2

2022/9/14 14

Website: www.kud.ac.in
e-mail: pmeb@kud.ac.in

(0836) 2215311

ಕರ್ನಾಟಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
KARNATAK UNIVERSITY
University with Potential for Excellence
"NAAC Accredited with 'A' Grade"

೧ನೇ ಮಹಡಿ, ಬಿಜುಮಹೋತ್ಸವ ಕಟ್ಟಡ,
ಪಾವಟೆನಗರ, ಧಾರವಾಡ - 580003
ಕರ್ನಾಟಕ - ಭಾರತ

1st Floor, Silver Jubilee Building,
Pavate Nagar, Dharwad - 580003.
Karnataka- India

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/67

Date: 25/6/2022

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Investigation of plants extract as corrosion inhibitors for mild steel in acid media" submitted by Dr. Rajappa S. K., Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnataka University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

Image 5. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. Rajappa S. K., Assistant Professor, Department of Chemistry, KSCD....Page 1 of 2

2022/9/14 14:15

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

To,
Dr. Rajappa S. K.
Assistant Professor,
Dept. of Chemistry,
Karnatak Science College, Dharwad.

Image 6. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. Rajappa S. K., Assistant Professor, Department of Chemistry, KSCD....Page 2 of 2

FILE NO. EEQ/2017/000525
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: 04-Sep-2018

ORDER

Subject: Financial Sanction of the research project titled "INTEGRATED HYDROGEOLOGICAL STUDIES OF LINGASUGUR TALUK, RAICHUR DISTRICT, KARNATAKA" under the guidance of Dr. Manjunatha S, Department of Geology, Karnatak University's Karnatak Science College, Kcd road, karnatak university's karnatak science college dharwad, Dharwad, Karnataka-580001 - 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. 2310000/- (Rs. Twenty Three Lakh Ten Thousand Only) with break-up of Rs. 900000/- under Capital (Non-recurring) head and Rs.1410000/- under General (Recurring) head for a duration of 36 months. The items of expenditure for which the total allocation of Rs. 2310000/- has been approved are given below:

The following budget may be considered for Karnatak University's Karnatak Science College, KCD Road, Karnatak University's Karnatak Science College Dharwad

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Geochemical analysis kit -> Work Station (Computer), printer with accessories and backup, laptop -> Spectrophotometer with accessories -> CRM 500 resistivity meter with accessories -> GPS with accessories	900000
A'	Total (Non-Recurring)	900000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies)	600000 600000
2	Recurring - III : (Overhead Charges)	210000
B'	Total (Recurring)	1410000
C	Total cost of the project (A' + B')	2310000

2. Sanction of the SERB is also accorded to the payment of Rs. 900000/- (Rupees Nine Lakh only) under 'Grants for creation of capital assets' and Rs. 470000/- (Rupees Four Lakh Seventy Thousand only) under 'Grants-in-aid General' to Principal, Karnatak University's Karnatak Science College, KCD Road, Karnatak University's Karnatak Science College Dharwad being the first installment of the grant for the year 2018-2019 for implementation of the said research project.

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

4. The Sanction has been issued to Karnatak University's Karnatak Science College, KCD Road, Karnatak University's Karnatak Science College Dharwad with the approval of the competent authority under delegated powers on 25 April, 2018 and vide Diary No. SERB/F/6346/2018-2019 dated 04 September, 2018

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. 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.

8. 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.

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

10. The release amount of Rs. 1370000/- (Rupees Thirteen Lakh Seventy 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:

Account Name	Principal Karnatak Science College DST
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Image 7. Project Sanction letter of Dr. S. Manjunatha, Associate Professor, Department of Geology, KSCD from the SERB, DST, Government of India; September 2018 to Sept. 2021; page 1 of 2.

Account Number	12422010043972
Bank Name & Branch	Syndicate Bank KCD branch, Karnataka Arts and Science college Campus, University road, Dharwad 580001, State Karnataka, India
IFSC/RTGS Code	SYNB0001242
Email id of A/C Holder	principal.kscd@gmail.com
Email id of PI	manjunathas29@yahoo.in

11. The institute will furnish to the SERB, New Delhi, 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.

12. 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.

13. The project File no. EEQ/2017/000525 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.


14. 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

15. As this is the first grant being released for the project, no previous U/C is required.

16. 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.

17. 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.

18. 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. Pramod Kumar Prasad)
Scientist C
pk.prasad@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, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	Dr. Manjunatha S Department of Geology Karnatak University's Karnatak Science College, Kcd road, karnatak university's karnatak science college dharwad, Dharwad, Karnataka-580001 Email: manjunathas29@yahoo.in Mobile: 919449682560 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in)
5.	Principal, Karnatak University's Karnatak Science College, KCD Road, Karnatak University's Karnatak Science College Dharwad (Receipt of Grant may be intimated by name to the undersigned)

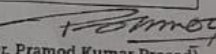

(Dr. Pramod Kumar Prasad)
Scientist C
pk.prasad@serb.gov.in

Image 8. Project Sanction letter of Dr. S. Manjunatha, Associate Professor, Department of Geology, KSCD from the SERB, DST, Government of India; September 2018 to Sept. 2021; page 2 of 2.

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/ 69

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Design and Synthesis of Highly Functionalized Coumarin Chromophores as Plausible Fluorescent Probes" submitted by Dr. Rajesh G. Kalkhambkar, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

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- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 9. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. Rajesh G. Kalkhambar, Assistant Professor, Department of Chemistry, KSCD....Page 1

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Carbon Sequestration and Pictorial Documentation of Plants diversity in Karnatak University Campus, Dharwad" submitted by Dr. K. Kotresha, Associate Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
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4	TOTAL	100%

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- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
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- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 10. Project Sanction order of Dr. K. Kotresha, Associate Professor, Department of Botany, KSCD under Seed Research Grant (PMEB, KUD)... Page 1 of 2

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

✓ To,
Dr. K. Kotresha,
Associate Professor,
Dept. of Botany,
Karnatak Science College, Dharwad.

Image 11. Project Sanction order of Dr. K. Kotresha, Associate Professor, Department of Botany, KSCD under Seed Research Grant (PMEB, KUD)... Page 2 of 2

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಮಂಡಳಿ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No.: KU/PMEB/2021-22/ 66

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Preparation and Evaluation of Biopolymer Based Films For Active Food Packaging Applications" submitted by Dr. Saraswati P. Masti, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnataka University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 12. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. (Smt.) Saraswati P Masti, Assistant Professor, Department of Chemistry, KSCD....Page 1 of 2

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTFP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.


REGISTRAR

✓ To,
Dr. Saraswati P. Masti
Assistant Professor,
Dept. of Chemistry,
Karnatak Science College, Dharwad.

Image 133. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. (Smt.) Saraswati P Masti, Assistant Professor, Department of Chemistry, KSCD....Page 2 of 2

ಯೋಜನೆ, ಮೇಲ್ವಿಚಾರಣೆ ಮತ್ತು ಮೌಲ್ಯಮಾಪನ ಪಂಡಳ

PLANNING, MONITORING & EVALUATION BOARD

Ref. No. : KU/PMEB/2021-22/ 70

Date: 25/6/2021

OFFICE ORDER

Sub: Scheme for promotion of research among young and newly recruited faculty under Seed Grant for research programme.

Ref: 1) KU/PMEB/2020-21/95 dated 12.11.2020.

2) KU/PMEB/2020-21/115 dated 19.12.2020.

3) Hon'ble Vice-Chancellor's orders dated 17.06.2021.

Pursuant to the above, the research project proposal entitled "Investigation On Economically Viable And Novel Seed Oil Sources as Potential Biomass For The Liquid Fuel Production: Based On Fatty Acid Chemistry" submitted by Dr. Kariyappa S Katagi, Assistant Professor, has been approved by the subject experts. The project is sanctioned under University Research Seed Grant Policy subject to the following terms and conditions. The sanctioned amount for the project is Rs.50,000/- (Rupees Fifty Thousand only) for a period of 1 year w.e.f. 01.04.2021 to 31.03.2022. The financial allocation details are as under:

Sl. No.	Heads of Expenditure	Value*
1	Fieldwork/Travel/Glassware/Chemicals/Minor Equipments/Expt. Out. Source etc.	Up to 60% of total budget
2	Source Material/Software and Data Sets, Books/Journals etc.	Up to 25% of total budget
3	Contingency and Miscellaneous	15%
4	TOTAL	100%

* Deviation may be allowed under essential circumstances with prior permission.

- The acceptance letter may be sent to the undersigned within 10 days from the date of issue of the award letter failing which the project may be treated as cancelled.
- The amount shall be disbursed in 2 installments (60% as an advance and remaining 40% after submission of final project report).
- All equipments and books purchased out of the project fund shall be the property of the department.
- The Principal Investigator should acknowledge Karnatak University Research support in all publications resulting from the programme output (Research Paper, Books, Reports, General Articles etc.) and should submit a copy of the same to the University during its course and after completion.

P.T.O.

Image 14. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. Kariyappa S Katagi, Assistant Professor, Department of Chemistry, KSCD....Page 1 of 2

- During the course of the project, the Principal Investigator/Co-Investigators are required to publish minimum one research paper in a SCOPUS indexed/UGC CARE journal(s) on the theme of the research undertaken, duly acknowledging the KUD support for the research.
- The duration of the project shall not exceed one year.
- The Final Report shall be submitted within the allocated project period i.e. one year.
- Same research proposal cannot be submitted to other funding agencies.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- No request for additional grant in excess of the sanctioned budget shall be considered.
- The Principal Investigator/Co-Investigators shall be personally responsible for timely completion of the Project.
- All accounts shall be maintained as per the existing Karnataka State Financial Code, KTPP Act and other rules, as changed from time to time.
- The bills/vouchers must be submitted through the Chairperson of the concerned department to the Accounts Section. It is the responsibility of the Principal Investigator/Co-investigators that the accounts are audited and an audited utilization certificate is submitted along with the final report.
- The project shall be undertaken as per the Seed Grant Guidelines/K. U. R&D Guidelines.

(Handwritten Signature)

REGISTRAR

To,
Dr. Kariyappa S Katagi
Assistant Professor,
Dept. of Chemistry,
Karnatak Science College, Dharwad.

Image 15. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. Kariyappa S Katagi, Assistant Professor, Department of Chemistry, KSCD....Page 2 of 2

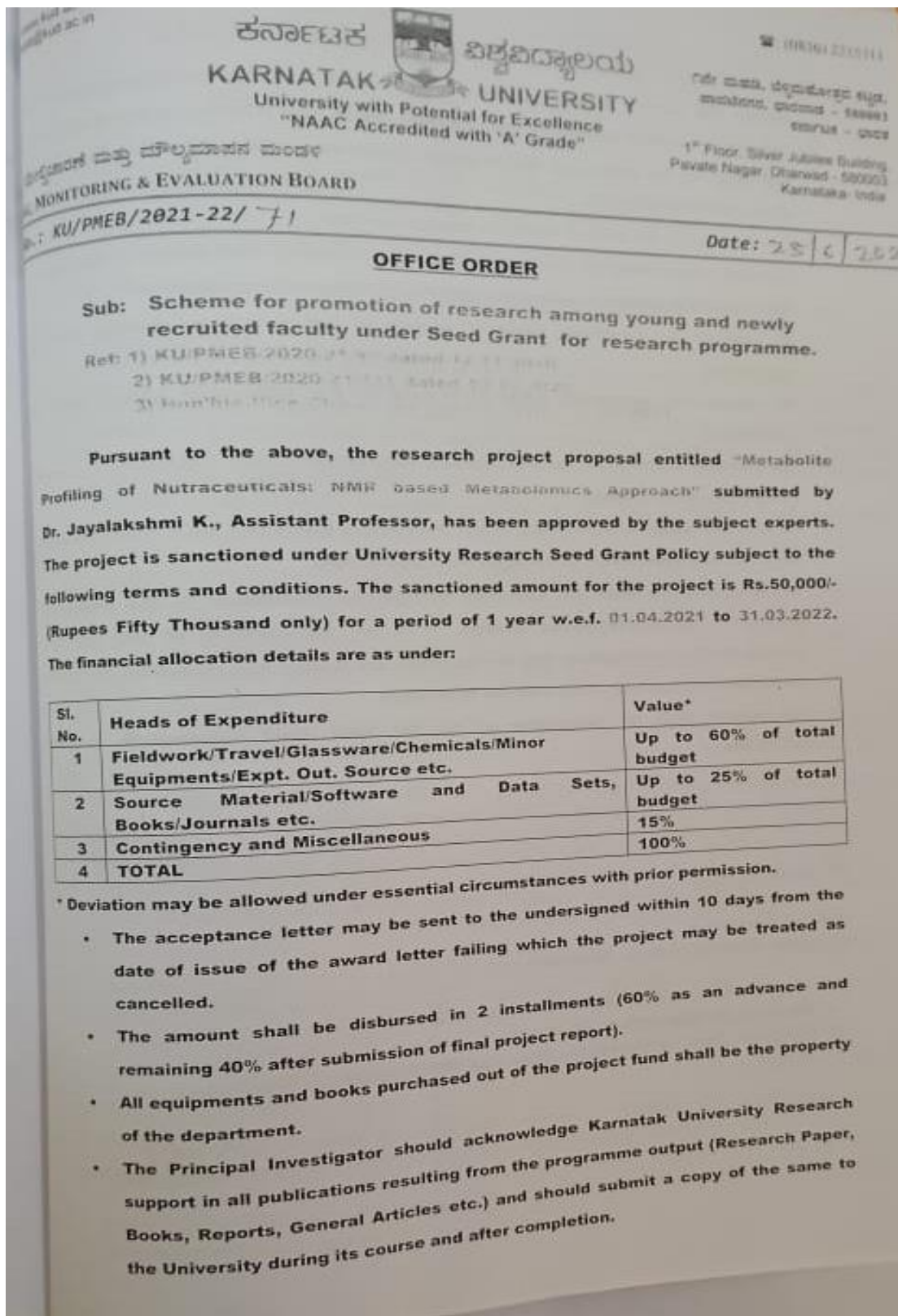


Image 16. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. (Smt.) Jayalakshmi K, Assistant Professor, Department of Chemistry, KSCD....Page 1 of 2

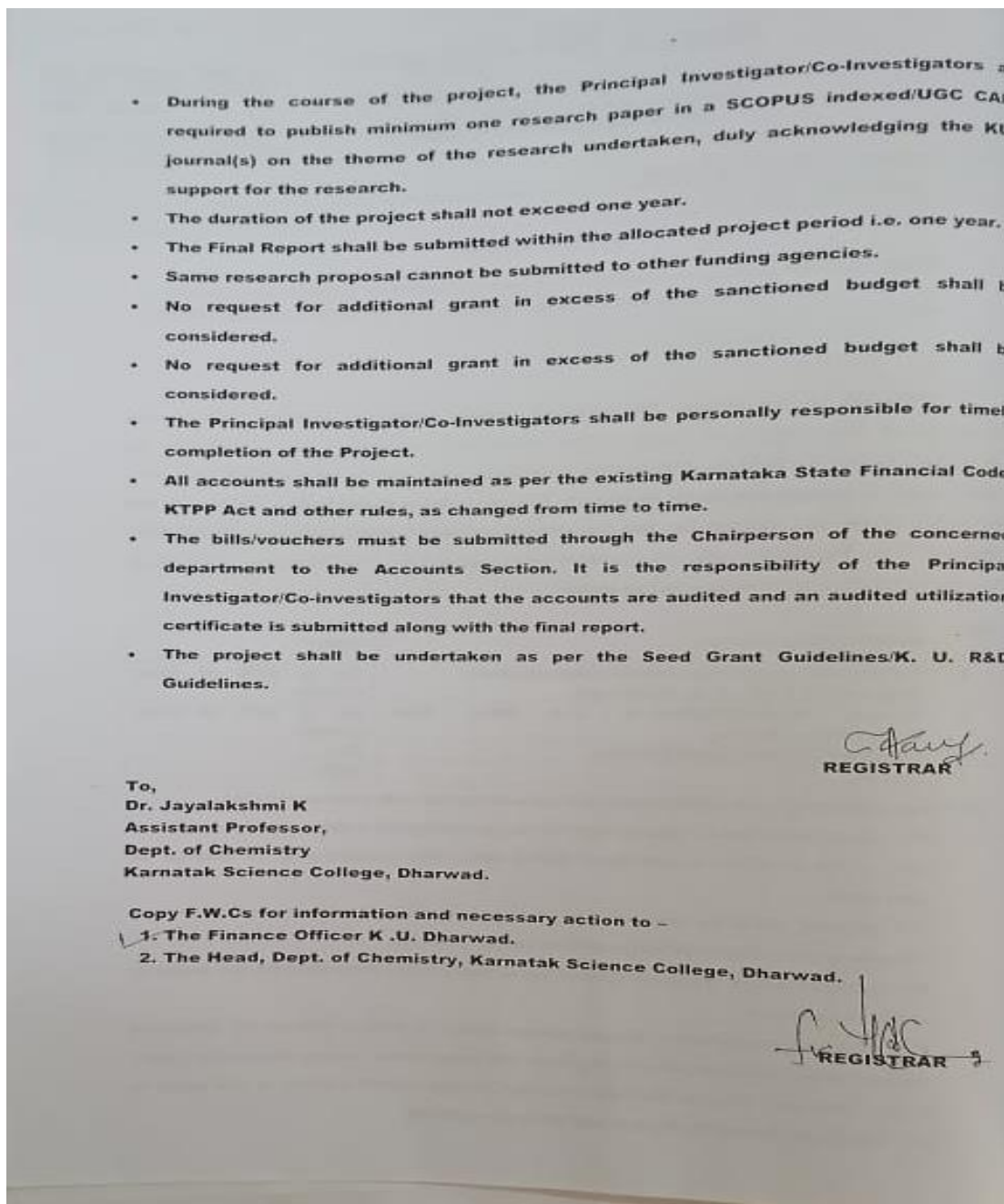


Image 17. Project Sanction order (Seed Money Research Grant, PMEB, KUD) of Dr. (Smt.) Jayalakshmi K, Assistant Professor, Department of Chemistry, KSCD....Page 2 of 2

[Signature]
Principal,
Karnatak Science College
Dharwad.