



CHRIST
COLLEGE (AUTONOMOUS)
IRINJALAKUDA, KERALA

AQAR 2023-2024

CRITERION	III	Research, Innovations and Extension
KEY INDICATOR	3.1	Promotion of Research and Facilities

3.1.2.1 - Seed money provided by the institution to its teachers for research during the year

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CHRIST COLLEGE (AUTONOMOUS)

Affiliated to University of Calicut, Accredited by NAAC 'A++' Grade
IRINJALAKUDA - 680 125, KERALA, INDIA. Office (0480) 2825258

Reg. No. 137/75; No. F.22-1/2015/AC.U.G.C

E-mail: - office@christcollegeijk.edu.in Web: www.christcollegeijk.edu.in

Ref.No.677/Invitation for Faculty Proposals for Christ College Research Seed
Grant 2023-24/PO/16/10/2023
Date: 16-10-2023

NOTICE

This is to inform all, that proposals for the Christ College Research Seed Grant 2023-24, are being invited with a preference for interdisciplinary projects, up to a maximum of INR 1 Lakh. Proposals must be submitted in the specified format by 15th December 2023.

Faculty members who submitted proposals under this scheme in the last academic year are welcome to modify their proposals as per the new format and resubmit. This standardisation is to ensure a uniform format for assessing the merit of each proposal.

The total number of selected projects for this academic year will be funded using the allocated budgets for the academic year 2023-24. We encourage all interested faculty members, regardless of their subject area, to participate. Those who are applying for seed money must complete the attached form by 15th Decemberber 2023 and sent to principal@christcollegeijk.edu.in



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda



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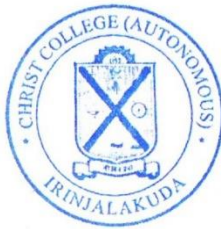
Ref. No. 689/ Christ College Research Seed Grant Sanctioned

Lists/PO/21/03/2024

Date: 21 -03-2024

NOTICE

This is to inform all that the **Christ College Research Seed Grant Sanctioned List** for the academic year 2023-24 have been finalized. The list is now available in the college website and attached below for your reference.



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda

CHRIST COLLEGE RESEARCH SEED GRANT FINAL LIST 2023-24

Sl. No	Name of the Faculty	Subject Area	Co PI	Collaborating Dept/ Institute	Title	Proposed cost	Amount Sanctioned	Decision
1	Dr. Anto Francis K	Geology	Dr. Rakesh J. Pillai	Indian Institute of Technology, Palakkad	Field investigation based Micro-watershed landslide hazard zonation of Meppadi Grama Panchayath, Wayanad District, Kerala	100000	100000	2023-24
2	Dr Bijoy C	Zoology	Dr. Edwin Jose	Physics Department, Christ College (Autonomous), Irinjalakuda	Taxonomic studies of fireflies (Coleoptera: Lampyridae) of selected sacred groves of central Kerala and study of its congregation behaviour and bioluminescence emissions	100000	100000	2023-24
3	Dr Arun S	Chemistry	Dr Shinu V S	Department of Chemistry St. Joseph's College, Devagiri, Calicut	Clean Technology for low-cost pharmaceuticals: The development of decorated peptidomimetics as therapeutical leads	100000	100000	2023-24
4	Dr. Abhilash Peter	Zoology	Dr. Subin K. Jose	Christ College Autonomous Geology & Environmental Science	Life cycle of Olepa moths (Erebidae: Lepidoptera), distribution and associated hymenopteran parasitoids from Irinjalakuda municipality, Thrissur district	100000	100000	2023-24
5	Dr. Ajith R	Department of Physics	Dr. Jesly Jacob	Department of Physics, Assumption College, Changanassery	Optical Microring Resonator Sensor for Cancer Detection	100000	100000	2023-24

CHRIST COLLEGE RESEARCH SEED GRANT FINAL LIST 2023-24

Sl. No	Name of the Faculty	Subject Area	Co PI	Collaborating Dept/ Institute	Title	Proposed cost	Amount Sanctioned	Decision
6	Viji Viswanathan	Computer Science	Dr. Joju K T	Mathematics Self, Christ College Autonomous	Effective Resource Utilization in Heterogeneous Big Data Clusters using Mathematical Model	1,08,375	100000	2023-24
7	Leyon Varghese	Zoology	Titto Varugheese	Christ College (Autonomous)	Novel MMP Inhibitors Derived from Medicinal Plants for the Management of Lymphoma	1,05,000	100000	2023-24
8	Linto Alappat	Geology	Dr. Vineet Goswami	Physical Research Laboratory, Ahmedabad	Paleogeographic Evolution of Cenozoic Coastal Sedimentary Formations of Kerala, South India and its implications on past climate	100000	100000	2023-24
9	Priyanga K. K	Computer Science	Dr. Josheena Jose	Christ College(Autonomous),Irinjalakuda	Transforming Ecommerce and Financial Services Through AI and Blockchain Innovations	160000	100000	2023-24
10	Dr. Subin K. Jose	Environmental Science	Dr. Vincent N.S, E.J Vincent	Christ College (Autonomous)	Use of Dragonflies and Damselflies (Insecta: Odonata) as Indicators of Climate Change in the Wetlands of Central Kerala	100000	100000	2023-24
11	Dr. Sudhikumar A.V.	Zoology	Dr. Soumya R.	Department of Botany, Christ College (Autonomous)	Study on spider - plant interaction from various ecosystems of Kerala	100000	100000	2023-24

CHRIST COLLEGE RESEARCH SEED GRANT FINAL LIST 2023-24								
Sl. No	Name of the Faculty	Subject Area	Co PI	Collaborating Dept/ Institute	Title	Proposed cost	Amount Sanctioned	Decision
12	Teena Thomas	Commerce	Dr. Vinitha E	Christ College (Autonomous), Irinjalakuda	The Cultural Impact of Sanskrit on Contemporary Branding Efforts	110000	100000	2023-24
13	Dr. Tom Cherian	Chemistry	Dr. Leyon Varghese	Christ College (Autonomous), Irinjalakuda	Chemical Profiling and Insilico Analysis of Phytochemicals From Annona Glabra as Biopesticide	100000	100000	2023-24
14	Dr Arun Balakrishnan M B	Commerce		Christ College (Autonomous), Irinjalakuda	Social Transformation Through Sports Among Tribals	100000	100000	2023-24
						14,83,375	14,00,000	

Panel Members

1. Fr. Dr. Jolly Andrews, CMI
2. Dr. Linto Alappat
3. Dr Shinto K G
4. Dr Josheena Jose
5. Dr Bijoy C
6. Fr. Dr. Vincent N. S.



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No: CCRSG/23-24/01

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Anto Francis K

Department of Geology,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Anto Francis K,

We are pleased to inform you that your research proposal titled: “**Field investigation-based micro-watershed landslide hazard zonation of Meppadi Grama Panchayath, Wayanad District, Kerala**” has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Anto Francis K

Subject Area: Geology

Co-Principal Investigator (Co-PI): Dr. Rakesh J. Pillai

Collaborating Department/Institute: Indian Institute of Technology, Palakkad

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

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No: CCRSG/23-24/02

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Bijoy C

Department of Zoology

Christ College

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Bijoy C,

We are pleased to inform you that your research proposal titled: “**Taxonomic studies of fireflies (Coleoptera: Lampyridae) of selected sacred groves of central Kerala and study of its congregation behavior and bioluminescence emissions**” has been approved for funding under the **Christ College Research Seed Grant Scheme** for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Bijoy C

Subject Area: Zoology

Co-Principal Investigator (Co-PI): Dr. Edwin Jose

Collaborating Department/Institute: Department of Physics, Christ College (Autonomous), Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

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No: CCRSG/23-24/03

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Arun S

Department of Chemistry

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Arun S,

We are pleased to inform you that your research proposal titled: "**Clean Technology for low-cost pharmaceuticals: The development of decorated peptidomimetics as therapeutical leads**" has been approved for funding under the **Christ College Research Seed Grant** Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Arun S

Subject Area: Chemistry

Co-Principal Investigator (Co-PI): Dr. Shinu V S

Collaborating Department/Institute: Department of Chemistry, St. Joseph's College, Devagiri, Calicut

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

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No: CCRSG/23-24/04

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Abhilash Peter

Department of Zoology,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Abhilash Peter,

We are pleased to inform you that your research proposal titled: "**Life cycle of Olepa moths (Erebidae: Lepidoptera), distribution and associated hymenopteran parasitoids from Irinjalakuda municipality, Thrissur district**" has been approved for funding under the **Christ College Research Seed Grant Scheme** for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Abhilash Peter

Subject Area: Zoology

Co-Principal Investigator (Co-PI): Dr. Subin K. Jose

Collaborating Department/Institute: Department of Geology & Environmental Science, Christ College (Autonomous). Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

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No: CCRSG/23-24/05

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Ajith R

Department of Physics

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Ajith R,

We are pleased to inform you that your research proposal titled: "**Optical Microring Resonator Sensor for Cancer Detection**" has been approved for funding under the **Christ College Research Seed Grant Scheme** for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Ajith R

Subject Area: Physics

Co-Principal Investigator (Co-PI): Dr. Jesly Jacob

Collaborating Department/Institute: Department of Physics, Assumption College, Changanassery

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

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Sincerely,

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No: CCRSG/23-24/06

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Viji Viswanathan

Department of Computer Science

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Viji Viswanathan,

We are pleased to inform you that your research proposal titled: "**Effective Resource Utilization in Heterogeneous Big Data Clusters using Mathematical Model**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Viji Viswanathan

Subject Area: Computer Science

Co-Principal Investigator (Co-PI): Dr. Joju K T

Collaborating Department/Institute: Department of Mathematics, Christ College (Autonomous)

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

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No: CCRSG/23-24/07

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Leyon Varghese

Department of Zoology

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Leyon Varghese,

We are pleased to inform you that your research proposal titled: "**Novel MMP Inhibitors Derived from Medicinal Plants for the Management of Lymphoma**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Leyon Varghese

Subject Area: Zoology

Co-Principal Investigator (Co-PI): Dr. Titto Varugheese

Collaborating Department/Institute: Department of Chemistry, Christ College (Autonomous)

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

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No: CCRSG/23-24/08

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Linto Alappat

Department of Geology & Environmental Science

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Linto Alappat,

We are pleased to inform you that your research proposal titled: "**Paleogeographic Evolution of Cenozoic Coastal Sedimentary Formations of Kerala, South India and its implications on past climate**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Linto Alappat

Subject Area: Geology

Co-Principal Investigator (Co-PI): Dr. Vineet Goswami

Collaborating Department/Institute: Physical Research Laboratory,
Ahmedabad

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

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No: CCRSG/23-24/09

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Priyanga K. K

Department of Computer Science

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Priyanga K. K,

We are pleased to inform you that your research proposal titled: "**Transforming Ecommerce and Financial Services Through AI and Blockchain Innovations**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Priyanga K. K

Subject Area: Computer Science

Co-Principal Investigator (Co-PI): Dr. Josheena Jose

Collaborating Department/Institute: Department of Commerce, Christ College (Autonomous), Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

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No: CCRSG/23-24/10

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Subin K. Jose

Department of Geology & Environmental Science

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Subin K. Jose,

We are pleased to inform you that your research proposal titled: "**Use of Dragonflies and Damselflies (Insecta: Odonata) as Indicators of Climate Change in the Wetlands of Central Kerala**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Subin K. Jose

Subject Area: Environmental Science

Co-Principal Investigator (Co-PI): Dr. Vincent N.S, E.J Vincent

Collaborating Department/Institute: Christ College (Autonomous), Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

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No: CCRSG/23-24/11

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Sudhikumar A.V.

Department of Zoology

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Sudhikumar A.V.,

We are pleased to inform you that your research proposal titled: "**Study on spider - plant interaction from various ecosystems of Kerala**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Sudhikumar A.V.

Subject Area: Zoology

Co-Principal Investigator (Co-PI): Dr. Soumya R.

Collaborating Department/Institute: Department of Botany, Christ College (Autonomous)

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



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No: CCRSG/23-24/12

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Ms. Teena Thomas.

Department of Commerce,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Ms. Teena Thomas,

We are pleased to inform you that your research proposal titled: "**The Cultural Impact of Sanskrit on Contemporary Branding Efforts**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Ms. Teena Thomas

Subject Area: Commerce

Co-Principal Investigator (Co-PI): Dr. Vinitha E.

Collaborating Department/Institute: Christ College (Autonomous),
Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

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CHRIST COLLEGE (AUTONOMOUS)

Affiliated to University of Calicut, Accredited by NAAC 'A++' Grade

IRINJALAKUDA - 680 125, KERALA, INDIA. Office (0480) 2825258

Reg. No. 137/75; No. F.22-1/2015/AC.U.G.C

E-mail: - office@christcollegeijk.edu.in Web: www.christcollegeijk.edu.in

No: CCRSG/23-24/13

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr. Tom Cherian,

Department of Chemistry,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr. Tom Cherian,

We are pleased to inform you that your research proposal titled: "**Chemical Profiling and Insilico Analysis of Phytochemicals from Annona Glabra as Biopesticide**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Tom Cherian

Subject Area: Chemistry

Co-Principal Investigator (Co-PI): Dr. Leyon Varghese.

Collaborating Department/Institute: Department of Zoology, Christ College (Autonomous), Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda



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No: CCRSG/23-24/14

21-03-2024

SANCTION LETTER FOR RESEARCH SEED GRANT (2023-24)

To,

Dr Arun Balakrishnan M B,

Department of Commerce,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Research Seed Grant for the Academic Year 2023-24

Dear Dr Arun Balakrishnan M B,

We are pleased to inform you that your research proposal titled: "**Social Transformation Through Sports Among Tribals**" has been approved for funding under the Christ College Research Seed Grant Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr Arun Balakrishnan M B

Subject Area: Commerce

Co-Principal Investigator (Co-PI): Nil

Collaborating Department/Institute: Christ College (Autonomous),
Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda



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E-mail: - office@christcollegeijk.edu.in Web: www.christcollegeijk.edu.in

No: CCSRSF/23-24/01

21-03-2024

SANCTION LETTER FOR SPECIAL RESEARCH SEED FUND(2023 -24)

To,

Dr.Dijo Damien

Department of Chemistry

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Special Research Seed Fund for the Academic Year 2023-24

Dear Dr. Dijo Damien,

We are pleased to inform you that your research proposal titled: "**Hybrid metal-ion capacitors for high energy density and power density**" has been approved for funding under the Christ College Special Research Seed Grant Scheme for the academic year 2023 -24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Dijo Damien

Subject Area: Chemistry

Co-Principal Investigators (Co-PI): Dr.Jibin A.K., Dr. V.T. Joy

Collaborating Department/Institute: Christ College (Autonomous),
Irinjalakuda

Sanctioned Amount: ₹1,00,000/-

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Research Seed Grant Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda



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E-mail: - office@christcollegeijk.edu.in Web: www.christcollegeijk.edu.in

No: CCSRSF/23-24/02

16-08-2023

SANCTION LETTER FOR SPECIAL RESEARCH SEED FUND (2023-24)

To,

Dr. Anto Francis K

Department of Geology,

Christ College (Autonomous), Irinjalakuda

Subject: Sanction of Special Research Seed Fund for the Academic Year 2023-24

Dear Dr. Anto Francis K,

We are pleased to inform you that your research proposal titled: **“Petrographic study of different lithologies from the Western Madurai block in relation to provenance of heavy mineral deposits along Kerala coast”** has been approved for funding under the Christ College Special Research Seed Fund Scheme for the academic year 2023-24.

The details of the sanction are as follows:

Principal Investigator (PI): Dr. Anto Francis K

Subject Area: Geology

Co-Principal Investigators (Co-PI): Dr.Linto Alappat, Tharun R, Sweeshma P.Dev, Shaima M.M., Dr. Anso M.A., Roshini P.P., Ivine Joseph

Department: Christ College(Autonomous),Irinjalakuda

Sanctioned Amount: ₹8,00,000(₹1,00,000/- each for every Co-PI mentioned.)

The sanctioned grant amount is to be utilized strictly for the approved research activities in accordance with the guidelines of the Special Research Seed Fund Scheme. Kindly ensure that all expenditures are accounted for and relevant reports are submitted to the Research Office by the stipulated deadlines.

We look forward to the successful completion of your research work and its contribution to advancing knowledge in your field.



Sincerely,

Principal

Fr. Dr. Jolly Andrews
Associate Professor -
In-Charge of Principal
Christ College (Autonomous)
Irinjalakuda