



PRIST

DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED

THANJAVUR - 613 403. TAMIL NADU

Ref: PRIST/REG/SIG/01

Date: 24.02.2020

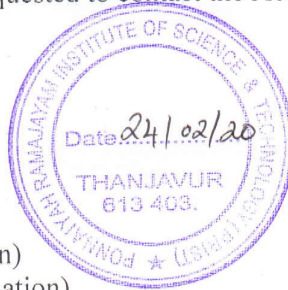
OFFICE ORDER

Selection of Institutional Grants of Seed Money for the Faculty Members

Based on the application and presentation before the selection committee, the management is pleased to announce the grant of seed money enlisted below.

1. Dr. M. Sivanantham, Physics
2. Dr. G. Preethi, Computer Science
3. Dr.R.Sathya , Microbiology
4. Dr.Bakrudeen ali ahamed, Biotechnology
5. Dr.S.Ambiga, Biochemistry
6. Dr.Arunkumar, Biochemistry
7. Mr. D.Anand, Commerce
8. Ms. P. Umaeswari, Commerce
9. Dr. B. Vibitha bala, Agriculture
10. Mrs. A. Sowbika, Agriculture
11. Ms. S.Jancy Sickory Daisy, CSE
12. Dr Smitha Elsa Peter, ECE
13. Ms. P Geetha, ECE
14. Dr Ahamed Ibrahim S A, EEE
15. Dr.TTM.Kannan, Mechanical Engg
16. Dr.J.S.Nirmal Ram, Chemistry

The selected faculty members are requested to contact the Accounts section.




REGISTRAR

REGISTRAR,
Ponnaiyah Ramajayam Institute of
Science & Technology (PRIST),
(Institution Deemed to be University
U/s 3 of the UGC Act. 1956),
THANJAVUR-613 403, TAMIL NADU.

Copy to:

Hon'ble Chancellor (for kind information)
Hon'ble Pro Chancellor (for kind information)
President
Vice Chancellor
Controller of Examinations
Director-CRD
The Individuals
Accounts Officer
Personnel Department
File

vicechancellor@prist.ac.in / registrar@prist.ac.in

Phone: (04362) 265021 / 23 / 266960 Fax: (04362) 265150 Website: www.prist.ac.in



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty :Dr. M. SIVANANTHAM
2. Designation : Assistant Professor Department : Physics
3. Total years of Teaching Experience : 05 years
4. Address for communication : Department of Physics Centre for Research and Development

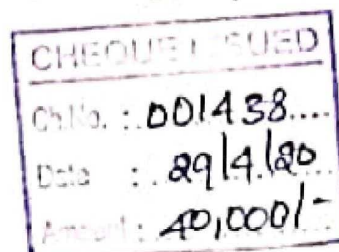
PRIST deemed to be University Thanjavur-613403.

Mob. No. - 8608780287; e-mail - siva82msc@gmail.com

(Cell No.and e-mail are mandatory)

5. Broad Subject area/field of research : Physics/ Materials science; Title: Preparation of conducting polymer nanoparticles and nanofibers for anti-corrosive coatings
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others :
Developmental
7. Precise objectives of the Proposed Research :
 - To fabricate the novel polyaniline nano-architectures induced by temperature and pH
 - To get insight about structural information of these novel polyaniline nano-architectures
 - To examine the feasible application of ordered polyaniline nanostructures as batteries
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State):

Nowadays, an electric current-powered UV lamps are employed for disinfecting air, water or any particular surface. To save energy, a mere absorption of visible light for UV generation would allow more global use of this technology for protecting public health, particularly prevention of disease transfer in hospitals, food processing, and public facilities in remote areas.



9. Abstract of the Proposed Research :

Universities and PRIs (Private Research Institutions) produce results in the form of inventions. Many of these inventions are patentable, yet many are also no more than proof of concept or lab scale photocopy which require further R&D. By finding out the new and novel inventions from the researchers and allowing them to commercialize their results, governments around the world are attempting to accelerate the transformation of invention into industrial processes and products and to strengthen collaborative ties amongst universities and industries.

10. Details of state of the art in the research area and literature review done by the investigator:

International status

Research on self-assembly of polyion complexes (PICs) based block copolymer system has started in the international arena since early 1970s (by K Kabonov, 1971). Both theoretical and experimental are reported in the literature. Some of the works in the literatures are summarized below:

S. V. Solomatin *et. al.*, *Langmuir*, 19, 8069 (2003): Decrease of pH and increase in the concentration of a simple salt lead to a significant increase in the particle size accompanied by changes in the polyion complex (PIC) particle morphologies.

S. Burgh *et. al.*, *Langmuir*, 20, 1073 (2004): The colloidal stability of a complex coacervation core system was found to depend on the block length ratio and the total length of the diblock copolymer as well as the molecular weight of the homopolymer.

S. V. Solomatin *et. al.*, *Langmuir*, 20, 2066 (2004): It was found that PIC dispersions are stabilized by the neutral corona forming block (poly(ethylene oxide) PEO chains) and their aggregation stability is strongly dependent on the PEO solvation.

A. Kishimura *et. al.*, *Soft Matter*, 5, 529 (2009): Preparation of pH dependent polyion complex vesicles (PICsomes) with reversible structural transition.

Y. Anraku *et. al.*, *J. Am. Chem. Soc.* 132, 1631 (2010): Spontaneous formation of nanosized unilamellar PIC vesicles with tunable size and properties.

V. A. Baulin and E. Trizac, *Soft Matter*, 8, 6755 (2012): Complex coacervation, obtained from oppositely charged homopolymers, was strongly affected by the polypeptide mixing ratio (stoichiometry), ionic strength (salt concentration), total polymer concentration, pH, and temperature.

S. Chuanoi *et. al.*, *Polymer Journal* 1, (2013): doi:10.1038/pj.2013.82.: Weight fraction of polyethylene glycol and the length of the side chain were found to be the key factors that control the morphologies of Nano-PICsomes.

H. Oana *et. al.*, *Soft Matter*, 9, 5448 (2013): A novel approach is demonstrated for organic-solvent-free preparation of giant unilamellar vesicles utilizing the unique response of PICs to changes in additive salt concentration.

A. Wibowo *et. al.*, *Macromolecules*, 47, 3086 (2014): From ternary PIC system, observation of "well-aligned lamellar structure" with alternate layers of PEG and PIC domains at elevated temperature (70 °C).

National status

In India, research on PICs based coacervates has been conducted by various research groups.

Their works are listed below:

C. K. Nisha *et. al.*, *Langmuir*, 19, 2947 (2003): For the first time formation of polyion-surfactant complexes from random copolymers was observed.

R. Krishnaswamy *et. al.*, *Pramana J. Physics*, 61, 447 (2003): On increasing sodium 3-hydroxy-2-naphthoate (SHN) concentration, DNA-CTAB-SHN complexes exhibit a hexagonal- to-lamellar transition, whereas poly(vinyl sulfonate) (PVS) complexes show a hexagonal to centered rectangular to lamellar transition.

C. K. Nisha *et. al.*, *Langmuir*, 20, 8468 (2004): It was shown that the complexes formation is dependent on mole fraction of PEG content.

B. Mohanty, *Pramana J. Physics*, 63, 271 (2004): Small-angle neutron scattering experiments revealed that typical mesh size of the networks exist in polymer dense phase (coacervates)

N. Devi *et. al.*, *Macromol. Symp.*, 313-314, 69 (2012): PIC microparticles were developed for the encapsulation of isoniazid.

11. Details of any preliminary work done by the investigator:

Initially solutions having block anionomers and homocationomers were prepared separately in 10 mM phosphate buffer (PB, pH 7.4) in the absence or presence of NaCl. To remove dust, these solutions needed to be filtered by 0.22- μ m syringe filter. Several PIC solutions were prepared by mixing block anionomer solution (with or without NaCl) with homocationomer solution (with or without NaCl) and followed by vortex mixing for 2 minutes at ambient conditions. In all cases,

ratio of $-\text{COO}^-$ to $-\text{NH}_3^+$ is unity. After mixing, PICs have been incubated at various temperatures for overnight to examine the effect of temperature on PICs. Final pH of the PIC solutions is adjusted by adding appropriate volume of either 1M HCl or 1M NaOH to the PIC solutions to investigate the effect of pH on PICs. It is expected that depending on the experimental conditions, either the particles in the nano-meter scale or in the micro-meter scale could be formed.

12. Particulars of equipment required (only to govt/govt supported institutions): NA
13. Particulars of any other facilities required: NA
14. Particulars of the facilities that will be provided by the institution where this research will be carried out:

Basic materials synthesis equipments: Magnetic stirrer, Air flow oven, Chemicals, Glasswares etc.

15. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NO

16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	8,000/-
2.	Equipments (only to govt/govt supported institutions)	20,000/-
3.	Travel (Do not exceed 10% of the total amount)	4,000/-
4.	Research Literature	10,000/-
5.	Other (specify) (Do not exceed 10% of the total amount)	4,000/-
6.	Contingency	14,000/-
	Total	60,000/-

17. Quantum and nature of assistance expected from the institution : 50,000/-
Internal research supports to conduct this research
18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

M. Sivanantham
(M. SIVANANTHAM)

Date: 23.04.2020

Name and Signature of the
Investigator

M. Sivanantham

Recommendation of the Head of Department

S. Siva

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research :Rs.

[Signature]
Authorized Signatory



Bank Payment Voucher

No. : CUB-011

Dated : 29-Apr-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 40,000.00 Dr	40,000.00

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided to Dr. M sivanantham

Bank Transaction Details:

Cheque 001438 29-Apr-20 40,000.00

Amount (in words) :


INR Forty Thousand Only

₹ 40,000.00

Receiver's Signature:


Prepared by

CHEQUE ISSUED
Ch.No. : 001438.....
Date : 29/4/20..
Amount : 40,000/-


Checked by

Authorised Signatory

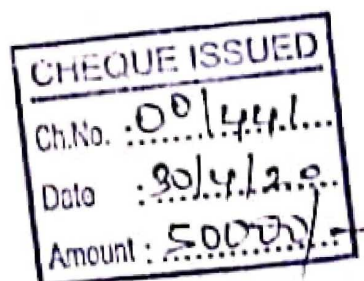

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PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT,

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. R. SATHYA
2. Designation : Assistant Professor Department : Dept. of Microbiology
3. Total years of Teaching Experience : 3
4. Address for communication : Dept. of Microbiology, Centre for Research & Development ,
PRIST Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory) Mobile: 9600116981; Email: sathyaram1984@gmail.com
5. Broad Subject area/field of research : Enzyme technology
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
Precise objectives of the Proposed Research: Application and Future Prospective of Lactic
Acid Bacteria as Natural Additives for Silage Production
7. Applications/Socioeconomic importance regarding the proposed research (The relevance, if
any, to the utilization and management of the natural resources of the State): Yes
8. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
9. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
10. Details of any preliminary work done by the investigator:
APPENDIX I (ENCLOSED)
11. Particulars of equipment required (only to gov/govt supported institutions): NIL
12. Particulars of any other facilities required: NIL
13. Particulars of the facilities that will be provided by the institution where this research will be
carried out: NIL
14. Whether at present receiving support from any other organisation other than your present
department. If so, full particulars of these may be given: NIL



15. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	30,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	10,000.00
6.	Contingency	10,000.00
	Total	50,000.00

16. Quantum and nature of assistance expected from the institution : 50,000.00 Rs

17. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.



Date: 22.4.2020

Name and Signature of the Investigator

[Handwritten signature]

Recommendation of the Head of Department

Head of the Department
Department of Microbiology
School of Arts & Science
Prist Deemed to be University, Thanjavur.

[Handwritten signature]

Recommendation of the Dean of Faculty

Dr. L. CHINNAPPA
M.Sc., M.Phil., M.Tech., Ph.D., PGDCA, PGDBA
Dean of Arts and Sciences,
PRIST Deemed to be University,
THANJAVUR-613 803.

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research :Rs.



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AUTHORIZED SIGNATORY

Bank Payment Voucher

No. : CUB-013

Dated : 30-Apr-20

Particulars	Amount
Account :	
SEED MONEY	50,000.00
Thanjavur West Campus	
PRIST-TNJ	
50,000.00 Dr	

Through :

IDFC A/C: 10029629908

On Account of :

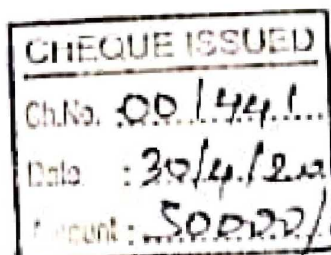
being seed money provided to Dr. R.Sathya

Bank Transaction Details:

Cheque 001441 30-Apr-20 50,000.00

Amount (in words) :

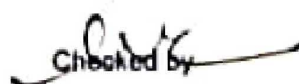
INR Fifty Thousand Only



₹ 50,000.00

Receiver's Signature:


 Prepared by


 Checked by

Authorised Signatory


 Verified by



PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMILNADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. G. PREETHI
2. Designation : Associate Professor
Department : Dept. of Computer Science
3. Total years of Teaching Experience : 13
4. Address for communication : Dept. of Computer Science, PRIST Deemed University,
Vallam, Thanjavur, India
(Cell No and e-mail are mandatory)
Mobile: 9994484992;
Email: mgpreethi@gmail.com
5. Broad Subject area/field of research : Cloud Computing
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
7. Precise objectives of the Proposed Research : Enhanced Ant Colony Optimization Based
Secured Routing in Cloud Computing
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator: NIL
12. Particulars of equipment required (only to govt/govt supported institutions): YES

CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR

13. Particulars of any other facilities required: NIL

UNIVERSITY
Ch.No. : 001931.....
Date : 16/6/20...
Amount : 50,000.00

14. Particulars of the facilities that will be provided by the institution where this research will be carried out: Implementation of Routing, Tracking of Packet Delivery Ratio.

15. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NIL.

16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	5,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	2000.00
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	15,000.00
6.	Contingency	60,000.00
	Total	82,000.00

17. Quantum and nature of assistance expected from the institution : Rs. 50,000.00

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which

it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

m. g. ...

Date: 09/06/2020

Name and Signature of the Investigator

[Handwritten signature]

Recommendation of the Head of Department

[Handwritten signature]

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs. 50,000/-



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AUTHORIZED SIGNATORY

PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No : CUB-012

Dated : 16-Jun-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 50,000.00 Dr	50,000.00

Through :

IDFC A/C: 10029629908

On Account of :

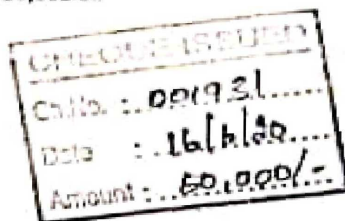
being seed money provided to Dr. G Preethi

Bank Transaction Details:

Cheque 001931 16-Jun-20 50,000.00

Amount (in words) :

INR Fifty Thousand Only



₹ 50,000.00

Receiver's Signature:

Authorised Signatory

Prepared by

Checked by

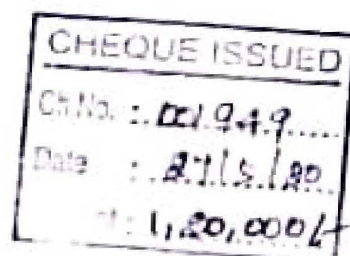
Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. Bakrudeen Ali Ahmed A
2. Designation : Professor
Department : Dept. of Biochemistry
3. Total years of Teaching Experience: 13
4. Address for communication: Dept. of Biochemistry, Centre for Research & Development
PRIST Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory) Mobile: 8754339668; Email: bakru24@gmail.com
5. Broad Subject area/field of research : Plant Biochemistry
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others:
7. Precise objectives of the Proposed Research : In Vitro Plant Secondary metabolites from
Medicinal Plants
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator:
APPENDIX I (ENCLOSED)
12. Particulars of equipment required (only to govt/govt supported institutions): YES
CSIR-CECRI > KARAIKUDI
13. Particulars of any other facilities required: NIL
14. Particulars of the facilities that will be provided by the institution where this research will be carried out: PLANT TISSUE CULTURE, CENTRAL INSTRUMENTATION FACILITY
15. Whether at present receiving support from any other organisation other than your present department. If so, full particulars of these may be given: NIL



16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	80000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	10000
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	10000.00
6.	Contingency	5000.00
	Total	150000.00

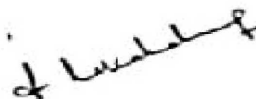
17. Quantum and nature of assistance expected from the institution : 150000.00

18. Whether grant under this scheme has been availed earlier by the investigator: NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

Date: 18/05/2020



Name and Signature of the Investigator

Dr. A. BAKRUDEEN ALI AHMED
Associate Professor, Dept. of Bio Chemistry
Center for Research & Development (CRD)
PRIST Deemed University, Thanjavur-613 403
Tamil Nadu, India

[Handwritten signature]

Recommendation of the Head of Department

Head of the Department
Department of Biochemistry
School of Arts & Science
Prist Deemed to be University, Thanjavur.

[Handwritten signature]

Recommendation of the Dean of Faculty

DR. L. CHINNAPPA
M.Sc., M.Phil., M.Ed., M.Tech., Ph.D., PGDCA, PGDPA
Dean of Arts and Sciences,
PRIST Deemed to be University,
THANJAVUR-613 403.

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Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research: Rs.



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AUTHORIZED SIGNATORY

Bank Payment Voucher

No : CUB-014

Dated : 27-May-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ	1,20,000.00
1,20,000.00 Dr	

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided to Dr Bakrudeen ali ahmed

Bank Transaction Details:

Cheque 001949 27-May-20 1,20,000.00

Amount (in words) :

INR One Lakh Twenty Thousand Only

₹ 1,20,000.00

CHEQUE ISSUED
Ch.No. : 001949....
Date : 27/5/20...
Amount : 1,20,000/-

Receiver's Signature :


Prepared by


Checked by

Authorised Signatory

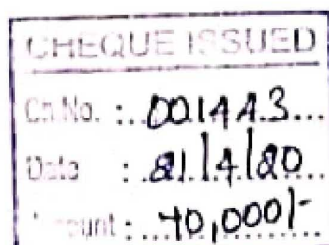

Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. Ambiga s
2. Designation : Associate Professor Department : Dept. of Biochemistry
3. Total years of Teaching Experience : 15
4. Address for communication : Dept. of Biochemistry, Associate Professor
PRIST Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory) Mobile: 9677261094; Email: aambigabio@gmail.com
5. Broad Subject area/field of research : Cancer, Nano technology
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
7. Precise objectives of the Proposed Research : IN VITRO ANTI-DIABETIC AND ANTIOXIDANT ACTIVITIES OF Azadirachta indica AND Aloe vera FORMULATION
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator: APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator: APPENDIX I (ENCLOSED)
12. Particulars of equipment required (only to govt/govt supported institutions): No
13. Particulars of any other facilities required: NIL
14. Particulars of the facilities that will be provided by the institution where this research will be carried out: CENTRAL INSTRUMENTATION FACILITY
15. Whether at present receiving support from any other organisation other than your present department. If so, full particulars of these may be given: NIL



16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	14000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	1100.00
6.	Contingency	95300.00
	Total	110400.00

17. Quantum and nature of assistance expected from the institution : 110400.00 Rs

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.



Date: 16.4.2020

Name and Signature of the Investigator

D/- S. AMBIGA M.Sc., M.Phil., B.Ed., Ph.D.
Assistant Professor
Department of Biochemistry,
PRIST University, Thanjavur.

[Handwritten signature]

Recommendation of the Head of Department

**Head of the Department
Department of Biochemistry
School of Arts & Science
Prist Deemed to be University, Thanjavur,**

[Handwritten signature]

Recommendation of the Dean of Faculty

Dr. L. CHINNAPPA
M.Sc., M.Phil., M.Ed., M.Tech., Ph.D., PGDCA, PGDBA
Dean of Arts and Sciences,
PRIST Deemed to be University,
THANJAVUR-613 403.

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research :Rs.



[Handwritten signature]
AUTHORIZED SIGNATORY

PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-015

Dated : 21-Apr-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 70,000.00 Dr	70,000.00

Through :

IDFC A/C: 10029629908

On Account of :

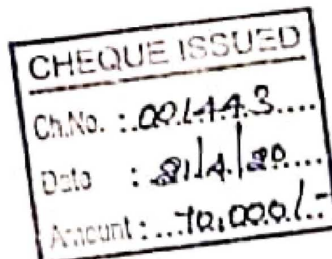
Being seed money provided to Dr.S Ambiga

Bank Transaction Details:

Cheque 001443 21-Apr-20 70,000.00

Amount (in words) :

INR Seventy Thousand Only



₹ 70,000.00

Receiver's Signature:

Prepared by

Checked by

Authorised Signatory

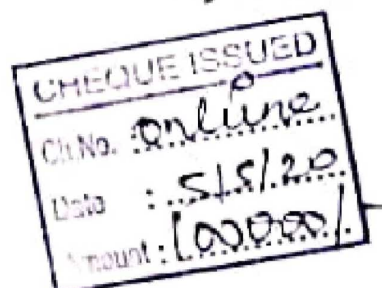
Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. Arun Kumar R
2. Designation : Assistant Professor Department : Dept. of Biotechnology
3. Total years of Teaching Experience : 4
4. Address for communication : Dept. of Biotechnology, Centre for Research & Development
PRIST Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory) Mobile: 9786779429; Email: arunkumarkarthi@yahoo.com
5. Broad Subject area/field of research : Oral cancer, Nano technology
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
7. Precise objectives of the Proposed Research : Chemopreventive effects of Alkaloid on
Multidrug resistance cancer
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator:
APPENDIX I (ENCLOSED)
12. Particulars of equipment required (only to govt/govt supported institutions): YES
CSIR-CECRI > KARAIKUDI
13. Particulars of any other facilities required: NIL
14. Particulars of the facilities that will be provided by the institution where this research will be
carried out: ANIMAL TISSUE CULTURE, CENTRAL INSTRUMENTATION FACILITY
15. Whether at present receiving support from any other organisation other than your present
department. If so, full particulars of these may be given: NIL



16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	60000.00
2.	Equipments (only to gov/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	1400.00
6.	Contingency	60000.00
	Total	121400.00

17. Quantum and nature of assistance expected from the institution : 121400.00 Rs

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.



Date: 27.4.2020

Name and Signature of the Investigator

Dr. R. ARUNKUMAR, M.Sc., M.Phil., Ph.D.,
Assistant Professor
Dept. of Biochemistry & Biotechnology
Centre for Research and Development (CRD)
PRIST Deemed to be University
Vallam, Thanjavur -613 403, Tamilnadu, India

[Handwritten signature]

Recommendation of the Head of Department

Head of the Department
Department of Biotechnology
School of Arts & Sciences
Prist Deemed to be University, Thanjavur.

[Handwritten signature]

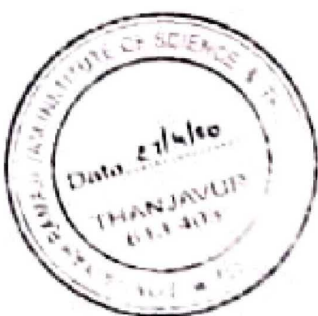
Recommendation of the Dean of Faculty

Dr. L. CHINNAPPA
B.Sc., M.Phil., M.Sc., M.Tech., P.D., PGDCA, PGDBA
Dean of Arts and Sciences,
PRIST Deemed to be University,
THANJAVUR-612 403.

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research :Rs.



[Handwritten signature]
AUTHORIZED SIGNATORY

Bank Payment Voucher

No. : CUB-016

Dated : 5-May-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 1,00,000.00 Dr	1,00,000.00

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided to Dr Arunkumar

Bank Transaction Details:

Others ONLINE 5-May-20 1,00,000.00

Amount (in words) :

INR One Lakh Only

₹ 1,00,000.00

Receiver's Signature:


Prepared by

CHEQUE ISSUED
Ch.No. : Online
Date : 5/5/20
Amount : 100000/-


Checked by

Authorised Signatory


Verified by



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMILNADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : D. Anand

2. Designation : Assistant Professor

Department : Commerce

3. Total years of Teaching Experience : 08

4. Address for communication : PRIST Deemed to be University, Vallam, Thanjavur

(Cell No. and e-mail is mandatory)

5. Broad Subject area/field of research : Marketing

6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others) : Basic Research

7. Precise objectives of the Proposed Research :

- To study the general accountability of small vendors.
- To review the available literature about the problems faced by small vendors.
- To understand the socio-cultural and economic characteristics of small vendors in the study area.
- To analyze the status and their struggle to seek livelihoods thoughts small vending in the study area.
- To ascertain and analyze the problems faced by small vendors in the study area.
- Finally to offer meaningful suggestions to the policymakers to upgrade the status of small vendors and to minimize the problems based on the finding of the study.

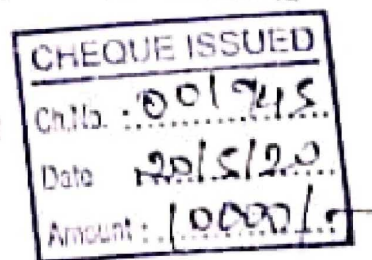
8. To analyses the remedial measures of the entrepreneurs problems and struggles

9. To evaluate the general thoughts about the women entrepreneurs.

10. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Not Applicable

11. Abstract of the Proposed Research :

Small vendors are a vulnerable social community that requires legal security in many parts of the world. Small vendors play an important role in the Indian economy because they are a major part of the informal



economy. Small vendors face various challenges because they are a disadvantaged group that is not covered by the government, NGOs, labour unions, or any labour law. They are not allowed to join a labour union because of government bylaws. Because of market price fluctuations, precarious and sporadic jobs, small vendors are often competing with other small vendors. Based on the collected review the researcher should not be able to identify any literature about the problems faced by small vendors in Thanjavur District of Tamilnadu. Most of the studies were done by other states in India and no study will make previously regarding the mentioned topic in the study area. Consequently, the current study on hand has been endeavored to follow out on the 'Status and problems faced by small vendors in Thanjavur District - A Study' of which the past studies are lacking. A new approach was developed to address the gaps identified and to provide new dimensions in forthcoming chapters for this research. The detailed objectives of the study are: To study the general accountability of small vendors. To review the available literature about the problems faced by small vendors. To understand the socio-cultural and economic characteristics of small vendors in the study area. To analyze the status and their struggle to seek livelihoods through small vending in the study area. To ascertain and analyze the problems faced by small vendors in the study area. Finally, to offer meaningful suggestions to the policymakers to upgrade the status of small vendors and to minimize the problems based on the findings of the study. The researcher has taken a sample of 306, with a confidence level of 95 per cent and a margin of errors of 5 per cent. Thus, the sample size of 306 was finalized. The chapter scheme of this present thesis is, The first chapter deals with the introduction and literature review. The second chapter presents the research design. The third chapter portrays the socio-cultural and economic characteristics of small vendors. The fourth chapter will analyze the status of small vendors and their struggle to seek livelihoods through small vending in the study area. The fifth chapter will analyze the problems faced by small vendors in the study area. The sixth chapter recapitulates the key findings and conclusion. Based on these findings, suggestions have been made for future improvement.

20. Details of state of the art in the research area and literature review done by the investigator:

Review of Literature on the Area of Research:

The researcher made a detailed review of available and accessible literature on the mentioned topic from referred Ebsco, Proquest, Elsevier, Google Scholar, Research Gate, Shodhganga (digital reservoir of Indian theses), and other online resources. The researcher also made personal visits to many university libraries for literature study.

21. Details of any preliminary work done by the investigator: Collection of review of literature from journals and websites.

22. Particulars of equipment required (only to govt/govt supported institutions):

23. Particulars of any other facilities required: Computer with Printer

24. Particulars of the facilities that will be provided by the institution where this research will be carried out:

25. Whether at present receiving support from any other organisation other than your present department. If so, full particulars of these may be given: No

26. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	10,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	500
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	2000
6.	Contingency	3000
	Total	15,500

27. Quantum and nature of assistance expected from the institution: 10000.00 Rs.

28. Whether grant under this scheme has been availed earlier by the investigator :No
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

Date: 13.05.2020

Clp Pone

Name and Signature of the Investigator

[Redacted]

Recommendation of the Head of Department

[Redacted]

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money: Yes / No

Amount of Seed Money granted for Research: Rs.10000



[Signature]
Authorized Signatory

PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-017

Dated 20-May-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 10,000.00 Dr	10,000.00

Through :

IDFC A/C: 10029629908

On Account of :

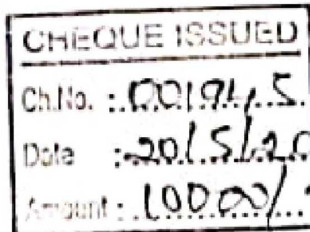
Being seed money provided to D.Anand

Bank Transaction Details:

Cheque 001945 20-May-20 10,000.00

Amount (in words) :

INR Ten Thousand Only



₹ 10,000.00

Receiver's Signature:


Prepared by


Checked by

Authorised Signatory


Verified by



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : P.UmaEswari

2. Designation : Assistant Professor

Department : Management

3. Total years of Teaching Experience : 06

4. Address for communication : PRIST Deemed to be University, Vallam, Thanjavur

(Cell No. and e-mail is mandatory)

5. Broad Subject area/field of research : Marketing

6. Research Type(s) (Basic Research/Applied
Research/Developmental/Demonstration/Others : Basic Research

7. Precise objectives of the Proposed Research :

- To identify the number of respondents in IT sector.
 - To assess the changes made in work style of IT employees.
 - To reveal the challenges due to alteration of working style by IT employees.
8. To analyse the remedial measures of the entrepreneurs problems and struggles]

9. To evaluate the general thoughts about the women entrepreneurs.

10. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State):
Not Applicable

11. Abstract of the Proposed Research :

In the midst of the economic downturn faced by the COVID-19 eruption, the challenge of any employees is how efficacy in sticking to the jobs and to ensure job security in the best possible way. Many people lose their jobs or alterations in the working style due to this lock down crisis situation. Hence it motivates me to do a study on the IT sector employees as there are many changes in their working style like work at home, free-lance workings etc. This study was conducted all over Tamilnadu through questionnaires using digital platform. Fifty respondents are taken for this study. Convenience sampling is used. This pandemic influences the lifestyle of IT employees in all ways and to face various challenges in their job.

20. Details of state of the art in the research area and literature review done by the investigator:

Review of Literature on the Area of Research:

CHEQUE ISSUED	
Ch.No. :	003731...
Date :	18/3/21...
Amount :	10,000/-

Gale Lucas, PhD, and Shawn C. Roll, PhD et al (2020) investigated on the title, "Impacts of Working from Home during COVID-19 Pandemic on Physical and Mental Well-Being of Office Workstation Users". This study analyse about the impact of workers' physical and mental health well-being while WFH and provides a foundation for considering how to best support a positive WFH experience.

Zhisheng Chen "Influence of Working from Home during the COVID-19 Crisis and HR Practitioner Response" In this study the need for employee skill improvement, psychological stress relief, work-family balance, and company culture reinforcement are analysed.

21. Details of any preliminary work done by the investigator: Collection of review of literature from journals and websites.

22. Particulars of equipment required (only to govt/govt supported institutions):

23. Particulars of any other facilities required: Computer with Printer

24. Particulars of the facilities that will be provided by the institution where this research will be carried out:

25. Whether at present receiving support from any other organisation other than your present department. If so, full particulars of these may be given: No

26. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	5000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	500
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	1000
6.	Contingency	3500
	Total	10000

27. Quantum and nature of assistance expected from the institution: 10000.00 Rs.

28. Whether grant under this scheme has been availed earlier by the investigator :No
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

Date: 02.03.21

Name and Signature of the Investigator

Recommendation of the Head of Department

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money: Yes / No

Amount of Seed Money granted for Research: Rs.10000

Authorized Signatory



PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-018

Dated : 12-Mar-21

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 10,000.00 Dr	10,000.00

Through :

IDFC A/C: 10029629908

On Account of :

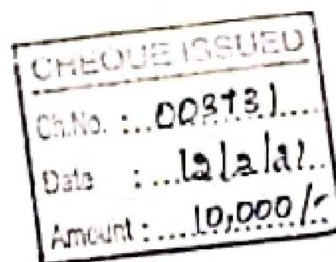
Being seed money provided to P.Umaeswari

Bank Transaction Details:

Cheque 003731 12-Mar-21 10,000.00

Amount (in words) :

INR Ten Thousand Only



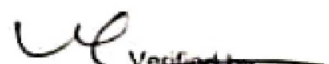
₹ 10,000.00

Receiver's Signature:


Prepared by


Checked by

Authorised Signatory


Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty: **Dr. B. VIBITHA BALA**
2. Designation: **Assistant Professor (Agrl. Micro) Department: School of Agriculture**
3. Total years of Teaching Experience: **2**
4. Address for communication: **School of Agriculture, PRIST Deemed University, Vallam, Thanjavur, India**
(Cell No. and e-mail are mandatory) **Mobile: 9629957705; Email: vibiagri92@gmail.com**
5. Broad Subject area/field of research: **Rhizosphere Engineering**
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
Precise objectives of the Proposed Research: Engineering Rice Rhizosphere using plant growth promoting substances
Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): **Yes**
7. Abstract of the Proposed Research: **APPENDIX I (ENCLOSED)**
8. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
9. Details of any preliminary work done by the investigator:
APPENDIX I (ENCLOSED)
10. Particulars of equipment required (only to govt/govt supported institutions): **NIL**
11. Particulars of any other facilities required: **NIL**
12. Particulars of the facilities that will be provided by the institution where this research will be carried out: **NIL**
13. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: **NIL**

CHEQUE ISSUED
Ch.No. :
Date :
Amount :

14. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	6000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	20000.00
6.	Contingency	4000.00
	Total	30000.00

15. Quantum and nature of assistance expected from the institution: 30,000.00 Rs

16. Whether grant under this scheme has been availed earlier by the investigator: NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

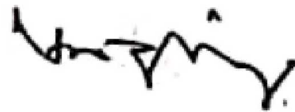


Date: 12.03.2020

Name and Signature of the Investigator



Recommendation of the Head of Department



Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money: Yes / No

Amount of Seed Money granted for research :Rs.



Authorized Signatory

PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-019

Dated : 15-Apr-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 30,000.00 Dr	30,000.00

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided to Dr.B.Vibitha bala

Bank Transaction Details:

Cheque 001435 15-Apr-20 30,000.00

Amount (in words) :

INR Thirty Thousand Only

CHEQUE ISSUED
Ch.No. : 001435...
Date : 15/4/20...
Amount : 30,000/-

₹ 30,000.00

Receiver's Signature:


Prepared by


Checked by

Authorised Signatory

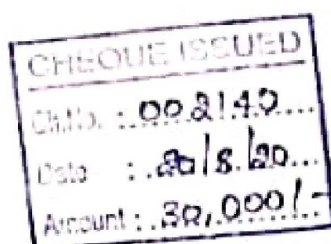

Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty: **M. SOWBIKA**
2. Designation: **Assistant Professor (Agrl. Micro)** Department: **School of Agriculture**
3. Total years of Teaching Experience: **2**
4. Address for communication: **School of Agriculture, PRIST Deemed University, Vallam, Thanjavur, India**
(Cell No. and e-mail are mandatory) Mobile: **9629957705**; Email: **vibiagri92@gmail.com**
5. Broad Subject area/field of research: **Rhizosphere Engineering**
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
Precise objectives of the Proposed Research: **Engineering Rice Rhizosphere using plant growth promoting substances**
Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): **Yes**
7. Abstract of the Proposed Research: **APPENDIX I (ENCLOSED)**
8. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
9. Details of any preliminary work done by the investigator:
APPENDIX I (ENCLOSED)
10. Particulars of equipment required (only to govt/govt supported institutions): **NIL**
11. Particulars of any other facilities required: **NIL**
12. Particulars of the facilities that will be provided by the institution where this research will be carried out: **NIL**
13. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: **NIL**



14. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	20000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	2000.00
6.	Contingency	8000.00
	Total	30000.00

15. Quantum and nature of assistance expected from the institution: 30,000.00 Rs

16. Whether grant under this scheme has been availed earlier by the investigator: NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

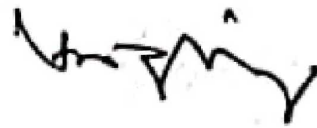


Date: 12.08.2020

Name and Signature of the Investigator



Recommendation of the Head of Department



Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money: Yes / No

Amount of Seed Money granted for research :Rs.



AUTHORIZED SIGNATORY

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

GRANT OF RESEARCH SEED MONEY

Terms and Conditions

1. The scheme is constituted for the purpose of providing assistance in the form of grants to initiate research work with particular relevance to the State of Kerala in the economic and industrial development.
2. Grant will be released to the principal investigator through the Head of the institution.
3. The maximum duration of the project will be one year from the date of start of the project.
4. This date of start of the project should be intimated by the Institution authorities/Principal Investigator to CRD. It will, in no case be later than one month after the receipt of the information letter.
5. On completion of the project, 3 copies of the final project report on the work done should be sent to the CRD along with the utilization certificate (UC) and statement of expenditure (SE).
6. The institute will maintain separate audited accounts for the grant sanctioned.
7. The institute will not entrust the implementation of the work for which the grant is being sanctioned to another institution nor will it divert the grant receipts to other faculty as assistance.
8. The CRD reserves the right to terminate the grant sanctioned at any stage if it is convinced that the grant has not been properly utilized or appropriate progress is not being made. In addition, the CRD may designate Scientist/Specialist or an Expert Panel to review the work done.
9. If the PI to whom the project has been sanctioned wishes to leave the Institution where the project is based, the Institute/PI will inform the same to the CRD and in consultation with CRD, evolve steps to ensure successful completion of the project, before relieving the PI.

10. Investigators must acknowledge the CRD in reports and technical/scientific papers publishing based on the research work done under the project. Investigators are requested to publish some of the research papers emerging out of the project work in leading Indian Journals.

11. If the results of research are to be legally protected by way of patent/copy rights etc. the results should not be published without action being taken to secure legal protection for the research results.

12. The knowledge generated from the project will be the property of CRD and should be properly acknowledged. Transfer to technology generated shall be done in consultation with the CRD.

14. The CRD may enforce additional guidelines for the operation of the student project from time to time and the Institution/Investigators are required to observe such directions in the conduct of the research work.

PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-020

Dated : 20-Aug-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 30,000.00 Dr	30,000.00

Through :

IDFC A/C: 10029629908

On Account of :

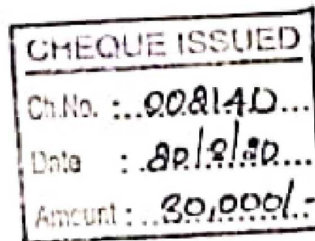
Being seed money provided to Mrs A Sowbika

Bank Transaction Details:

Cheque 002140 20-Aug-20 30,000.00

Amount (in words) :

INR Thirty Thousand Only



₹ 30,000.00

Receiver's Signature:

Prepared by

Checked by

Authorised Signatory

Verified by

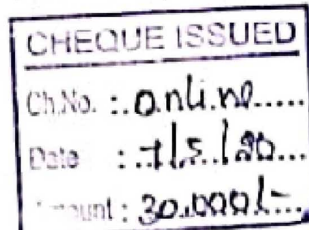


PRIST
DEEMED TO BE
UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMIL NADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : SJANCY SICKORY DAISY
2. Designation : ASSISTANT PROFESSOR Department : Dept. of CSE
3. Total years of Teaching Experience : 15
4. Address for communication : Dept. of CSE, PRIST Deemed University,
Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory)
Mobile: 9751604273
Email: jancydaisy@gmail.com
5. Broad Subject area/field of research : Data Mining
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
Precise objectives of the Proposed Research : Smart material to build mail spam filtering
technique using Naive Bayes and MRF
methodologies
7. Applications/Socioeconomic importance regarding the proposed research (The relevance, if
any, to the utilization and management of the natural resources of the State): Yes
8. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
9. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
10. Details of any preliminary work done by the investigator: NIL
11. Particulars of equipment required (only to govt/govt supported institutions): YES
CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR
12. Particulars of any other facilities required: NIL



13. Particulars of the facilities that will be provided by the institution where this research will be carried out: Implementation of softwares.
14. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NIL
15. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	5,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	2000.00
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	15,000.00
6.	Contingency	28 ,000.00
	Total	50,000.00

16. Quantum and nature of assistance expected from the institution : Rs. 50,000.00
17. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which

it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

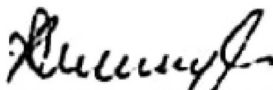
Date: 27/04/2020



Name and Signature of the Investigator



Recommendation of the Head of Department



Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs.30,000



Authorized Signatory



Bank Payment Voucher

No. : CUB-021

Dated : 7-May-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 30,000.00 Dr	30,000.00
	₹ 30,000.00

Through :

IDFC A/C: 10029629908

On Account of :

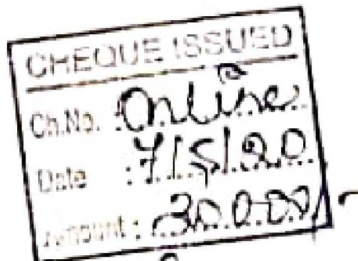
Being seed money provided to Jancy Sickory Daisy S

Bank Transaction Details:

Others Online 7-May-20 30,000.00

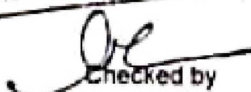
Amount (in words) :

INR Thirty Thousand Only



Receiver's Signature:


Prepared by


Checked by

Authorised Signatory


Verified by



PRIST
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UNIVERSITY
NAAC ACCREDITED
THANJAVUR - 613 403 - TAMILNADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr.Smitha Elsa Peter
 2. Designation : Professor Department : Dept. of ECE
 3. Total years of Teaching Experience : 12 years
 4. Address for communication : Dept. of ECE, PRIST Deemed University,
Vallam, Thanjavur, India
(Cell No.and e-mail are mandatory)
Mobile: 9894558601;
Email: smithapeter@prist.ac.in
 5. Broad Subject area/field of research : IOT
 6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others:
 7. Precise objectives of the Proposed Research : A Real Time IOT based Vehicle Surveillance
Tracking, Facial Recognition Anti-Theft&
Exhaust Gases Monitoring System
 8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if
any, to the utilization and management of the natural resources of the State): Yes
 9. Abstract of the Proposed Research :APPENDIX I (ENCLOSED)
 10. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
 11. Details of any preliminary work done by the investigator: NIL
 12. Particulars of equipment required (only to govt/govt supported institutions): YES
- CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR
13. Particulars of any other facilities required: NIL
 14. Particulars of the facilities that will be provided by the institution where this research will be
carried out: IOT Lab, CRD, PRIST UNIVERSITY, VALLAM, THANJAVUR

SEARCHED
INDEXED
FILED
DATE: 12/6/25
BY: 45,000

15. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given; NIL

16. Budget estimate for initiating the proposed research :

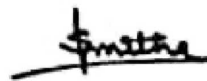
	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	9,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	4,500.00
5.	Other (specify) (Do not exceed 10% of the total amount)	4,500.00
6.	Contingency	27,000.00
	Total	45,000.00

17. Quantum and nature of assistance expected from the institution : Rs. 45,000.00

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.



Date: 09/06/2020

Name and Signature of the Investigator

[Handwritten Signature]

Recommendation of the Head of Department (i/c)

[Handwritten Signature]

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs. 45000

[Handwritten Signature]
Authorized Signatory



PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-022

Dated : 12-Jun-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 45,000.00 Dr	45,000.00

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided to Dr Smitha Elsa Peter

Bank Transaction Details:

Others online 12-Jun-20 45,000.00

Amount (In words) :

INR Forty Five Thousand Only

CHEQUE ISSUED
Ch.No. : Online.....
Date : 12/6/20.....
Amount : 45,000/-

₹ 45,000.00

Receiver's Signature:

Prepared by

Checked by

Authorised Signatory

Verified by



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THANJAVUR - 613 403 - TAMIL NADU

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Mrs.P.Geetha
2. Designation : Associate Professor Department : Dept. of ECE
3. Total years of Teaching Experience : 15 years
4. Address for communication : Dept. of ECE, PRIST Deemed University,
Vallam, Thanjavur, India
(Cell No.and e-mail are mandatory)
Mobile: 7373740809
- a. Email: geethakarathi@gmail.com
5. Broad Subject area/field of research : Patch Terahertz Antennas
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others:
7. Precise objectives of the Proposed Research : Comparison of Different Types of Graphene Microstrip patch Terahertz Antennas and Performance Analysis of Penta Model on Dissimilar Substrates
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research :APPENDIX II (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator:
i. APPENDIX II (ENCLOSED)
11. Details of any preliminary work done by the investigator: NIL
12. Particulars of equipment required (only to govt/govt supported institutions): YES
CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR
13. Particulars of any other facilities required: NIL

CHEQUE ISSUED
Cr.No. : 001837
Date : 09/6/20
Amount : 95,000/-

14. Particulars of the facilities that will be provided by the institution where this research will be carried out: P.G.-Communication Systems Lab, Dept of ECE, PRIST Deemed to be University, Vallam, Thanjavur
15. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NIL.
16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	19,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	-----
4.	Research Literature	9,500.00
5.	Other (specify) (Do not exceed 10% of the total amount)	9,500.00
6.	Contingency	57,000.00
	Total	95,000.00

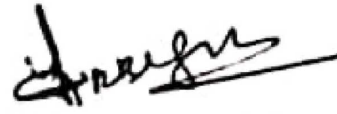
17. Quantum and nature of assistance expected from the institution : Rs. 95,000.00

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

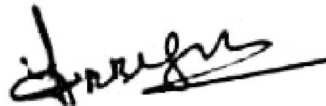
Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

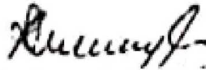
Date: 09/06/2020



Name and Signature of the Investigator



Recommendation of the Head of Department



Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs. 95000



Authorized Signatory



Bank Payment Voucher

No. : CUB-023

Dated : 24-Jun-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 95,000.00 Dr	95,000.00

Through :

IDFC A/C: 10029629908

On Account of :

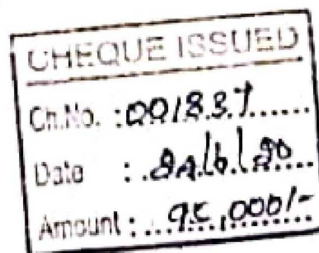
Being seed money provided Geetha P

Bank Transaction Details:

Cheque 001837 24-Jun-20 95,000.00

Amount (in words) :

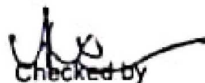
INR Ninety Five Thousand Only



₹ 95,000.00

Receiver's Signature:


Prepared by


Checked by

Authorised Signatory


Verified by



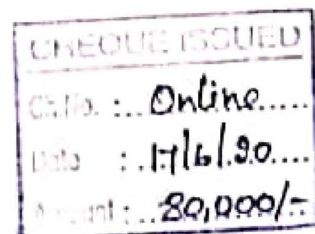
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CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr S A AHAMED IBRAHIM
2. Designation : Associate Professor
Department : Dept. of Electrical and
Electronics Engineering
3. Total years of Teaching Experience : 10
4. Address for communication : Dept. of Electrical and Electronics Engineering, PRIST
Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory)
Mobile: 9976669455;
Email: ahamedeee@gmail.com
5. Broad Subject area/field of research : Power Converters
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
 - a. Precise objectives of the Proposed Research : A Generalized Multilevel Inverter
Topology with Reduction of Total
Standing Voltage
7. Applications/Socioeconomic importance regarding the proposed research (The relevance, if
any, to the utilization and management of the natural resources of the State): Yes
8. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
9. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
10. Details of any preliminary work done by the investigator: NIL
11. Particulars of equipment required (only to govt/govt supported institutions): YES
12. Particulars of any other facilities required: NIL

CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR



13. Particulars of the facilities that will be provided by the institution where this research will be carried out: Implementation of Routing, Tracking of Packet Delivery Ratio.

14. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NIL

15. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	40,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	2000.00
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	8,000.00
6.	Contingency	50,000.00
	Total	1,00,000.00

16. Quantum and nature of assistance expected from the institution : Rs. 80,000.00

17. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which

it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

29.11.2020

Date: 11/06/2020

Name and Signature of the Investigator

Clp Pone

Recommendation of the Head of Department

Chinn

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs. 80,000/-

[Signature]
AUTHORIZED SIGNATORY



PRIST UNIVERSITY FY 2020-21

Bank Payment Voucher

No. : CUB-024

Dated : 17-Jun-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ 80,000.00 Dr	80,000.00

Through :

IDFC A/C: 10029629908

On Account of :

Being seed money provided Dr.Ahamed Ibrahim S A

Bank Transaction Details:

Others Online 17-Jun-20 80,000.00

Amount (in words) :


INR Eighty Thousand Only

₹ 80,000.00

Receiver's Signature:


Prepared by

CHEQUE ISSUED
Ch.No. : Online : ...
Date : ...17/6/20..
Amount : ...80,000/-...


Checked by

Authorised Signatory


Verified by



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CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. T.T.M KANNAN
2. Designation : Associate Professor
Department : Dept. of Mechanical Engg
3. Total years of Teaching Experience : 09
4. Address for communication : Dept. of Mechanical Engg, PRIST Deemed University,
Vallam, Thanjavur, India
(Cell No.and e-mail are mandatory)
Mobile: 9865486220;
Email: ttmkresearch@gmail.com
5. Broad Subject area/field of research : Alternate Fuels
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
7. Precise objectives of the Proposed Research : Optimization of catalytic pyrolysis process for
change of plastic waste into fuel
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if
any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research :APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator:
APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator: NIL
12. Particulars of equipment required (only to govt/govt supported institutions): YES
CRD: PRIST UNIVERSITY, VALLAM, THANJAVUR
13. Particulars of any other facilities required: NIL

CHEQUE ISSUED	
Ch.No. :	001860
Date :	21/5/20
Amount :	10,00,000/-

14. Particulars of the facilities that will be provided by the institution where this research will be carried out: Implementation of Routing, Tracking of Packet Delivery Ratio.
15. Whether at present receiving support from any other organization other than your present department. If so, full particulars of these may be given: NIL
16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	20,000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	8000.00
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	20,000.00
6.	Contingency	82,000.00
	Total	1,30,000.00

17. Quantum and nature of assistance expected from the institution : Rs. 50,000.00
18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilized for the purpose for which

it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.

m. g. ...

Date: 09/04/2020

Name and Signature of the Investigator

[Handwritten signature]

Recommendation of the Head of Department

[Handwritten signature]

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research : Rs. 1, 00, 000 /-

[Handwritten signature]
Authorized Signatory



Bank Payment Voucher

No : CUB-025

Dated : 8-May-20

Particulars	Amount
Account : SEED MONEY Thanjavur West Campus PRIST-TNJ	1,00,000.00
1,00,000.00 Dr	

Through :

IDFC A/C: 10029629908

On Account of :

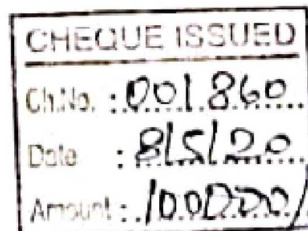
Being seed money provided Dr. TTM Kannan

Bank Transaction Details:

Cheque 001860 8-May-20 1,00,000.00

Amount (in words) :

INR One Lakh Only



₹ 1,00,000.00

Receiver's Signature:

Authorised Signatory

Prepared by

Checked by

Verified by

PRIST DEEMED TO BE UNIVERSITY

CENTRE FOR RESEARCH AND DEVELOPMENT

APPLICATION FORM FOR GRANT OF RESEARCH SEED MONEY

1. Name of the Faculty : Dr. J.S.Nirmal Ram
2. Designation : Associate Professor and Scientist, Dept. of Chemistry, CRD
3. Total years of Teaching Experience : 7
4. Address for communication : Scientist, Centre for Research and Development
PRIST Deemed University, Vallam, Thanjavur, India
(Cell No. and e-mail are mandatory) Mobile: 9791408648; Email: nirmalram@prist.ac.in
5. Broad Subject area/field of research : Crystal engineering
6. Research Type(s) (Basic Research/Applied Research/Developmental/Demonstration/Others):
7. Precise objectives of the Proposed Research : **Mechanochromic Luminescence of some Mixed Ligand Complexes of Lanthanides and Actinides**
8. Applications/Socioeconomic importance regarding the proposed research (The relevance, if any, to the utilization and management of the natural resources of the State): Yes
9. Abstract of the Proposed Research : APPENDIX I (ENCLOSED)
10. Details of state of the art in the research area and literature review done by the investigator: APPENDIX I (ENCLOSED)
11. Details of any preliminary work done by the investigator: APPENDIX I (ENCLOSED)
12. Particulars of equipment required (only to govt/govt supported institutions): No
13. Particulars of any other facilities required: NIL
14. Particulars of the facilities that will be provided by the institution where this research will be carried out: Chemistry Lab and Central Instrumentation facility
15. Whether at present receiving support from any other organisation other than your present department. If so, full particulars of these may be given: NIL

CHEQUE ISSUED
Ch.No. : Online
Date : 21/5/20..
Amount : 00000/-

16. Budget estimate for initiating the proposed research :

	Items	Amount (Rs.)
1.	Consumables (Do not exceed 20% of the total amount)	25000.00
2.	Equipments (only to govt/govt supported institutions)	-----
3.	Travel (Do not exceed 10% of the total amount)	15,000.00
4.	Research Literature	-----
5.	Other (specify) (Do not exceed 10% of the total amount)	50000.00
6.	Contingency	50000.00
	Total	140000.00

17. Quantum and nature of assistance expected from the institution : Rs.140000.00

18. Whether grant under this scheme has been availed earlier by the investigator : NO
(If so, provide details):

Declaration

Certified that the details furnished above are correct to the best of my knowledge and belief and that the amount of financial assistance, if granted, will be utilised for the purpose for which it is granted within the time prescribed by CRD. I also undertake to abide by the rules and other conditions prescribed by the grantee.



Dr.J.S.Nirmal Ram
Name and Signature of the Investigator

Date: 10/5/20

[Handwritten Signature]

Recommendation of the Head of Department

[Handwritten Signature]

Recommendation of the Dean of Faculty

For Office use

Proposal accepted for the grant of Research Seed Money : Yes / No

Amount of Seed Money granted for research :Rs.

[Handwritten Signature]
Authorized Signatory

