



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2018/01

Date: 06/09/2018

To

Dr. V. Collins Arun Prakash,
Assistant Professor,
Department of Chemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Sir,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of Don Bosco Research Grant for the under mentioned project for two years beginning from financial year 2018-19 with a total grant of Rs.1,00,000/- (Rupees one lakh only) for the research project entitled "Development of new generation of nanohydroxyapatite powders and its coating for biomedical applications" under Dr. V. Collins Arun Prakash, Assistant Professor, Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

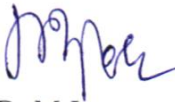
Head of Expenditure	First Year	Second Year
Minor Equipment	Rs. 35,000	-
Chemicals and Glasswares	Rs. 25,000	Rs. 10,000
Contingency	Rs. 5,000	Rs. 10,000
Travel	Rs. 5,000	Rs. 5,000
Field visit/data collection/Survey	Rs. 5,000	Rs. -
Total	Rs. 75,000	Rs. 25,000

I am pleased to release Rs. 75,000/- (Rupees Seventy Five thousand only) immediately towards the grant for the year 2018-19. This sanction is further subject to the terms and conditions for research projects (enclosed), which may be gone through carefully.


TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2019 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills/receipts/other documents should be handed over during the review meeting/midterm evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate for the Financial Year (i.e. from 1st April of the year to 31st March of the subsequent year) on or before March 31st, 2019 irrespective of the date of sanction before claiming the amount sanctioned for the second year. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.


Dr.M.Jose
(Dean of Research)



Sanctioned by

Rev.Dr.D.Maria Antony Raj SDB
(Principal)

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/DB Grant/2018/01) and agreed to abide by the terms and conditions mentioned herewith.


(Dr. V. Collins Arun Prakash)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2018/02

Date: 06/09/2018

To

Ms. R. Ananthalakshmi,
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Sir,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **Don Bosco Research Grant** for the under mentioned project for two years beginning from financial year **2018-19** with a total grant of **Rs. 80,000/-** (Rupees Eighty Thousand only) for the research project entitled "**Influence of ZnO nanoparticles on the growth attributes of coriander**" under Ms. R. Ananthalakshmi, Assistant Professor, Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Minor Equipment	Rs. 10,000	-
Chemicals and Glasswares	Rs. 25,000	Rs. 8,000
Contingency	Rs. 10,000	Rs. 10,000
Travel	Rs. 5,000	Rs. 2000
Field visit/data collection/Survey	Rs. 5,000	Rs. 5000
Total	Rs. 55,000	Rs. 25,000


I am pleased to release **Rs. 55,000/- (Rupees Fifty Five thousand only)** immediately towards the grant for the year **2018-19**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.

TERMS AND CONDITIONS


1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2019 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills/receipts/other documents should be handed over during the review meeting/midterm evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate for the Financial Year (i.e. from 1st April of the year to 31st March of the subsequent year) on or before March 31st, 2019 irrespective of the date of sanction before claiming the amount sanctioned for the second year. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.

Sanctioned by


Dr.M.Jose
(Dean of Research)




Rev.Dr.D.Maria Antony Raj SDB
(Principal)

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/DB Grant/2018/02) and agreed to abide by the terms and conditions mentioned herewith.


(Ms.R. Ananthalakshmi)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2018/04

Date: 06/09/2018

To

Dr. R. Kurinji Malar,
Assistant Professor,
Department of Economics,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Sir,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of Don Bosco Research Grant for the under mentioned project for two years beginning from financial year 2018-19 with a total grant of Rs. 22,000/- (Rupees twenty two thousand only) for the research project entitled “Impact of Mgnregg with special reference to Karupanur, Tirupattur taluk of Vellore district of Tamilnadu” under Dr. R. Kurinji Malar, Assistant Professor, Department of Economics, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.


Head of Expenditure	First Year	Second Year
Contingency	Rs. 5,000	Rs. 4,000
Travel	Rs. 4,000	Rs. 2,000
Field visit/data collection/Survey	Rs. 4,200	Rs. 2,800
Total	Rs. 13,200	Rs.8,800

I am pleased to release Rs. 13,200/- (Rupees thirteen thousand two hundred only) immediately towards the grant for the year 2018-19. This sanction is further subject to the terms and conditions for research projects (enclosed), which may be gone through carefully.


TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2019 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills/receipts/other documents should be handed over during the review meeting/midterm evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate for the Financial Year (i.e. from 1st April of the year to 31st March of the subsequent year) on or before March 31st, 2019 irrespective of the date of sanction before claiming the amount sanctioned for the second year. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.


Dr.M.Jose
(Dean of Research)



Sanctioned by

Rev.Dr.D.Maria Antony Raj SDB
(Principal)

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/DB Grant/2018/04) and agreed to abide by the terms and conditions mentioned herewith.


(Dr. R. Kurinji Malar)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2019-21/03

Date:24/09/2019

To

Mrs. C. Elavarasi,
Assistant Professor,
Department of Chemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Sir,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **"Don Bosco Research Grant"** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 70,000/-** (Rupees Seventy Thousand only) for the research project entitled **"Extraction and isolation of medicinally active ingredients from selective natural products by a novel and cost effect method"** under **Mrs. C. Elavarasi**, Assistant Professor, Department of Chemistry, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.


Head of Expenditure	First Year	Second Year
Chemicals and Glassware(s)	Rs. 27,000.00	Rs. 13,000.00
Contingency	Rs. 3,000.00	Rs. 2,000.00
Travel	Rs. 2,000.00	Rs. 3,000.00
Field visit/data collection/Survey	Rs. 10,000.00	Rs. 10,000.00
Total	Rs. 42,000.00	Rs. 28,000.00

I am pleased to release **Rs. 42,000/- (Rupees Forty-Two Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.


TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills (must be with GST Numbers)/receipts/other documents should be handed over during the review meeting/mid-term evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.


Dr. M. Jose
(Dean of Research)

Sanctioned by



Rev. Dr. D. Maria Antony Raj SDB
Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/ DB Grant/ 2019-20/03) and agreed to abide by the terms and conditions mentioned herewith.


(Mrs. C. Elavarasi)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

To Dr. M. Jose
Dean of Research.

Ref: SHC/DB Grant/2019-21/01

Date: 24/09/2019

To

Miss Neethu Asokan,
Assistant Professor,
Department of Microbiology,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Madam,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **"Don Bosco Research Grant"** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 70,000/-** (Rupees Seventy Thousand only) for the research project entitled **"Bioremediation of tannery effluent from leather industries in Vaniyambadi Taluk, Vellore District using environmental isolates and it's applications for Seed Germination"** under **Miss Neethu Asokan**, Assistant Professor, Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Chemicals and Glassware(s)	Rs. 25,000.00	Rs. 7,000.00
Contingency	Rs. 5,000.00	Rs. 4,000.00
Travel	Rs. 2,000.00	Rs. 2,000.00
Field visit/data collection/Survey	Rs. 10,000.00	Rs. 15,000.00
Total	Rs. 42,000.00	Rs. 28,000.00

I am pleased to release **Rs. 42,000/- (Rupees Forty-Two Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.

TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills (must be with GST numbers)/ receipts/ other documents should be handed over during the review meeting/midterm evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.



Dr. M. Jose
(Dean of Research)

Sanctioned by



Rev. Dr. D. Maria Antony Raj SDB
Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/DB Grant/2019-20/01) and agreed to abide by the terms and conditions mentioned herewith.



(Miss Neethu Asokan)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2019-21/02

Date: 24/09/2019

To

Dr. A. Poongothai ,
Assistant Professor,
Department of Biochemistry,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Madam,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **"Don Bosco Research Grant"** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 85,000/-** (Rupees Eighty Five Thousand only) for the research project entitled **"Isolation, characterization and anti-Elastase activity of *Lantana camera* leaves extract from different methods of extractions"** under **Dr. A. Poongothai**, Assistant Professor, Department of Biochemistry, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Minor Equipment	Rs. 30,000.00	-
Chemicals and Glassware(s)	Rs. 6,000.00	Rs. 9,000.00
Contingency	-	Rs. 5,000.00
Travel	-	Rs. 5,000.00
Field visit/data collection/Survey	Rs. 15,000.00	Rs. 15,000.00
Total	Rs. 51,000.00	Rs. 34,000.00

I am pleased to release **Rs. 51,000/- (Rupees Fifty-One Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.

TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills (must be with GST numbers)/ receipts/ other documents should be handed over during the review meeting/mid-term evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.



Dr. M. Jose
(Dean of Research)

Sanctioned by



Rev. Dr. D. Maria Antony Raj SDB

**Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.**

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/ DB Grant/ 2019-20/02) and agreed to abide by the terms and conditions mentioned herewith.



(Dr. A. Poongothai)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2019-21/04

Date: 24/09/2019

To

Dr. K. Amala,
Assistant Professor,
Department of Microbiology,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Madam,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **“Don Bosco Research Grant”** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 90,000/-** (Rupees Ninety Thousand only) for the research project entitled **“Bioelectricity production using Microbial Fuel Cell from *Chlorella* sp. Cultivated in tannery effluent”** under **Dr. K. Amala**, Assistant Professor, Department of Microbiology, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Chemicals and Glassware(s)	Rs. 35,000.00	Rs. 10,000.00
Contingency	Rs. 5,000.00	Rs. 3,000.00
Travel	Rs. 4,000.00	Rs. 3,000.00
Field visit/data collection/Survey	Rs. 10,000.00	Rs. 20,000.00
Total	Rs. 54,000.00	Rs. 36,000.00


I am pleased to release **Rs. 54,000/- (Rupees Fifty-Four Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.


TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

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4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
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7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.

Sanctioned by


Dr. M. Jose
(Dean of Research)



Rev. Dr. D. Maria Antony Raj SDB
Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/ DB Grant/ 2019-20/04) and agreed to abide by the terms and conditions mentioned herewith.


(Dr. K. Amala)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2019-21/05

Date: 24/09/2019

To

Dr. G. Britto Antony Xavier,
Associate Professor,
Department of Mathematics,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Madam,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **"Don Bosco Research Grant"** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 80,000/-** (Rupees Eighty Thousand only) for the research project entitled **"Extended Mittag-Leffler (EML) Functions and its Applications in Physical Science"** under **Dr. G. Britto Antony Xavier**, Associate Professor, Department of Mathematics, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Minor Equipment	Rs. 45,000.00	-
Contingency	Rs. 3,000.00	Rs. 7,000.00
Travel	-	Rs. 5,000.00
Books / Journals	-	Rs. 20,000.00
Total	Rs. 48,000.00	Rs. 32,000.00

I am pleased to release **Rs. 48,000/- (Rupees Forty-Eight Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.

TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
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3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills (must be with GST numbers)/ receipts/ other documents should be handed over during the review meeting/mid-term evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.



Dr. M. Jose
(Dean of Research)

Sanctioned by



Rev. Dr. D. Maria Antony Raj SDB
Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/ DB Grant/ 2019-20/05) and agreed to abide by the terms and conditions mentioned herewith.



(Dr. G. Britto Antony Xavier)



SACRED HEART COLLEGE (Autonomous)
Tirupattur, Vellore District, Tamilnadu

Ref: SHC/DB Grant/2019-21/07

Date: 24/09/2019

To

Dr. A.Dhayal Raj,
Assistant Professor,
Department of Physics,
Sacred Heart College (Autonomous),
Tirupattur, Vellore District

Dear Sir,

Based on the recommendations of the expert committee, I am pleased to convey the administrative approval for the award of **“Don Bosco Research Grant”** for the under mentioned project for two years beginning from financial year **2019-20** with a total grant of **Rs. 80,000/-** (Rupees Eighty Thousand only) for the research project entitled **“Vanadium Oxide – Metal Oxide Composite Thin Films for Gas Sensor”** under **Dr. A. Dhayal Raj**, Assistant Professor, Department of Physics, Sacred Heart College (Autonomous), Tirupattur 635601, Tamilnadu. The amount sanctioned under each head of expenditure is given below.

Head of Expenditure	First Year	Second Year
Minor Equipment	Rs. 48,000.00	-
Chemicals and Glassware(s)	-	Rs. 10,000.00
Contingency	-	Rs. 5,000.00
Travel	-	Rs. 1,000.00
Field visit/data collection/Survey	-	Rs. 16,000.00
Total	Rs. 48,000.00	Rs. 32,000.00


I am pleased to release **Rs. 48,000/- (Rupees Forty-Eight Thousand only)** immediately towards the grant for the year **2019-20**. This sanction is further subject to the terms and conditions for research projects (**enclosed**), which may be gone through carefully.


TERMS AND CONDITIONS

1. The amount released shall be spent for the purpose of carrying out the sanctioned project and the principal investigator (PI) shall refund the unspent balance under the sanctioned heads and shall not utilise such balance to meet the expenditure in any other item. Unspent balance of the previous year will be deducted from the sanctioned amount, while releasing grant for the subsequent year.
2. The Assets/Books/Equipment procured or created/Products developed and all the patent rights on design and inventions derived from the research work under the project shall remain the property of Sacred Heart College and shall not, without the prior approval be utilised for purposes other than those for which the grant is sanctioned.

3. The expenditure shall be restricted to the amounts specified under each head of account. All major equipment, if any, is indicated in the sanction letter. Grant for equipment will be strictly limited to the amount and items of equipment as indicated in the sanction letter.
4. The outcome/results of the research project should be published in atleast **TWO** reputed Scopus Indexed journals with due acknowledgement to the management of Sacred Heart College and such publication is mandatory for the continuation of the project. Soft copy of the published papers should be handed over to the Dean of Research.
5. The research project sanctioned is subject to midterm evaluation during August/September 2020 and based on the progress of the project/and if the work is not found to be satisfactory/misused, the grant for the second year will be withheld and the sanctioned amount for the first year should be refunded by the PI.
6. All original bills (must be with GST Numbers)/receipts/other documents should be handed over during the review meeting/midterm evaluation and after the project period. A copy of the above said documents shall be retained by the PI for any future reference.
7. The PI shall submit the Statement of Accounts and Utilisation Certificate by 30th September 2021. The audit expenses should be borne by the PI and all the documents as applicable be sent in time to avoid delays and unnecessary correspondence.

Sanctioned by


Dr. M. Jose
(Dean of Research)


Rev. Dr. D. Maria Antony Raj SDB
Principal,
Sacred Heart College,
(Autonomous)
Tirupattur-635 601. Vellore Dt.

Note:

1. Copy to Office Superintendent, Sacred Heart College, Tirupattur
2. Copy to Project Officer, Sacred Heart College, Tirupattur.

Declaration:

I hereby acknowledge the receipt of the sanction order (Sanction Number: SHC/DB Grant/2019-20/03) and agreed to abide by the terms and conditions mentioned herewith.


(Dr. A. Dhayal Raj)