

# KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: [www.kscst.org.in](http://www.kscst.org.in), <https://kscst.karnataka.gov.in> || Email: [spp@kscst.org.in](mailto:spp@kscst.org.in) || Tel: 080-2334 1652, 2334 8848/49/40

## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

#### 72. INDIAN ACADEMY DEGREE COLLEGE- AUTONOMOUS, BENGALURU

| Sl. No. | PROPOSAL REFERENCE NO. | PROJECT TITLE   | COURSE | BRANCH        | NAME OF THE GUIDE(S)                                   | NAME OF THE STUDENT(S)   | AMOUNT SANCTIONED (Rs.) |
|---------|------------------------|---|--------|---------------|--|--|-------------------------|
| 589.    | 47S_MSC_0101           | IN SILICO AND IN VITRO SCREENING OF GAMMA SECRETASE INHIBITING BBB PERMEABLE WINE METABOLITES NEUROPROTECTIVE POTENTIAL.  | M.Sc   | BIOCHEMISTRY  | Dr. ERUMALLA VENKATA NAGARAJU<br>Dr. ANANDA VARDHAN H. | Mr. AMRUTH R.<br>Mr. THARUN M.   | 7,000.00                |
| 590.    | 47S_MSC_0154           | ISOLATION OF PLANT-BASED ACETYLCHOLINESTERASE AND DEVELOPMENT OF ENZYME NANOPARTICLES-BASED BIOSENSOR FOR DETECTION OF ORGANOPHOSPHATE LEVELS IN POLLUTED LAKE WATERS | M.Sc   | BIOCHEMISTRY  | Dr. PUSHPA REDDY                                       | Mr. AMLAN HOSSAIN<br>Ms. ALIYA FATHIMA<br>Ms. NOUSHEEN FATHIMA<br>Mr. PAVAN N. | 5,500.00                |
| 591.    | 47S_MSC_0063           | NEUROPROTECTIVE EFFECTS OF THE EXTRACT OF MORINGA OLEIFERA LEAVES ON HIGH SUCROSE DIET-INDUCED DIABETIC DROSOPHILA MELANOGASTER                                       | M.Sc   | BIOTECHNOLOGY | Dr. VANITHA G. RAMESH                                  | Ms. SNEHA MANNA<br>Ms. LIKHITHA L.<br>Mr. NITHIN KUMAR C. V.                   | 5,000.00                |
| 592.    | 47S_MSC_0227           | BIO-FEED PRODUCTION FROM URBAN FOOD WASTE   | M.Sc   | BIOTECHNOLOGY | Dr. PARAMESH H.  | Mr. SOUVIK BHUNIA<br>Ms. KEERTHANA J. M.<br>Mr. INCHARA R.                     | 5,000.00                |

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## 47<sup>th</sup> series of Student Project Programme (SPP): 2023-24

### List of Student Project Proposals Approved for Sponsorship

|      |              |   |      |              |                              |   |          |
|------|--------------|---|------|--------------|------------------------------|---|----------|
| 593. | 47S_MSC_0034 | MICROBIAL SYNTHESIS OF METHYL ANTHRANILATE USING CORYNEBACTERIUM GLUTAMICUM AND EVALUATION OF ITS ANTIMICROBIAL EFFICACY.   | M.Sc | MICROBIOLOGY | Dr. S. ANU KIRUTHIKA         | Ms. MARIA PREETHI<br>Mr. NIHAR G.<br>Ms. HAJIRA FATHIMA   | 5,500.00 |
| 594. | 47S_MSC_0098 | MOLECULAR ANALYSIS AND EXTRACTION OF LANTIBIOTICS FROM DIVERSE ACTINOMYCETES SPECIES : A COMPARATIVE STUDY OF LANTIBIOTICS AND ANTIBIOTICS USED TO TREAT NOSOCOMIAL INFECTIONS CAUSED BY STAPHYLOCOCCUS AUREUS (MRSA) | M.Sc | MICROBIOLOGY | Prof. P. RAJARAJAN           | Ms. HARSHITHA N. R.<br>Ms. AISHWARYA<br>GOPINARENDRA PATHAK<br>Mr. GOWTHAM G. V.                  | 7,000.00 |
| 595. | 47S_MSC_0102 | IN-SILICO AND IN- VITRO ANALYSIS FOR CRAFTING A COST EFFECTIVE PROBIOTIC AND MUFA-ENRICHED PROTEIN SUPPLEMENT TARGETED AT ADULT DEMOGRAPHICS, AUGMENTED WITH LANTIBIOTICS AS A PRESERVATIVE.                          | M.Sc | MICROBIOLOGY | Prof. RAJARAJAN<br>PETHANNAN | Mr. NEERAJ KRISHNA V. R.<br>Ms. ABHILASA<br>BHATTACHARYA<br>Mr. PRUTHVI RAJ R.<br>Mr. VARUN K. M. | 7,000.00 |

#### Note:

We will release 47<sup>th</sup> series sanctioned amount and sanction letters after the submission of 44<sup>th</sup> series Utilization certificate and Statement of Expenditure.

# INDIAN ACADEMY

Degree College - Autonomous

Reaccredited by NAAC with 'A++' Grade | Recognized by Govt. of Karnataka | Affiliated to Bengaluru North University

## FORM GFR 19-A

### UTILIZATION CERTIFICATE

#### KSCST: STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

| Sl.No. | Letter No. and date              | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 5,500 towards Student Project Programme - 47 <sup>th</sup> Series |
|--------|----------------------------------|--------------|--|
| 1      | 7.1.01/SPP/37<br>19th April 2024 | 5,500        | A sum of Rs 5500 only has been utilized for the purpose of Student Project Programme for which it was sanctioned.                    |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project  | Department/ Guide                | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|---|----------------------------------|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0154              | Isolation of plant-based acetylcholinesterase and development of enzyme nanoparticles-based biosensor for detection of organophosphate levels in polluted lake waters | Dr Pushpa Reddy<br>Life Sciences | 5500                       | 5500                           | Nil                                    |

Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
Date: AUTONOMOUS  
Place: HENUR MAIN ROAD



For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Signature of the Finance / Accounts Officer  
with Seal  
Partner

K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.

Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

www.iadc.ac.in

# INDIAN ACADEMY

Degree College - Autonomous

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## UTILISATION CERTIFICATE

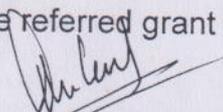
### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

Date: 26/08/2024

This is to certify that Indian Academy Degree College (Autonomous) having its office / institution at Hennur Cross, Bengaluru-560043, Karnataka, India. has been granted a sum of Rs. Five Thousand five hundred has been credited vide NEFT: P149240325299375 dated 28<sup>th</sup> May 2024 to AXIS BANK LTD. Account No. 911010015741644 from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.01/SPP/37 dated 19<sup>th</sup> April 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) - 47S\_MSC\_0154.

The college has incurred the expenditure of Rs. Five Thousand five hundred Only towards the said project/s. All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19<sup>th</sup> April 2024.

  
Signature of the Principal  
with Seal

For SREENIVASAN & GOWDACHAN  
Chartered Accountants  
Signature of the Finance / Accounts Officer  
with Seal  
Partner

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

Place: HENNUR MAIN ROAD



Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

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## FORM GFR 19-A

### UTILIZATION CERTIFICATE

#### KSCST: STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

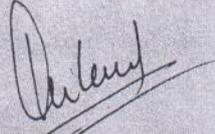
| Sl. No. | Letter No. and date                         | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 5000/- towards Student Project Programme - 47 <sup>th</sup> Series. |
|---------|---|--------------|--|
| 1       | Ref: 7.1.01/SPP/37<br>Dated: 19 April, 2024 | 5000/-       | A sum of Rs 5000/- only has been utilized for the purpose of Student Project Programme for which it was sanctioned.                    |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project                         | Department/ Guide   | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|--|---|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0227              | BIO – FEED PRODUCTION FROM URBAN FOOD WASTE. | Department of Life-Sciences – Biotechnology/Dr. Paramesh H. | 5000/-                     | 5000/-                         | 0.00                                   |

  
Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
BENGLURU - 560043

Date: 31/07/2024

Place: Bengaluru



For SREENIVASANI & G... DHAN  
Chartered Accountant  
Signature of the Finance / Accounts Officer  
with Seal

Partner



Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

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# INDIAN ACADEMY

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## STATEMENT OF EXPENDITURE

### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

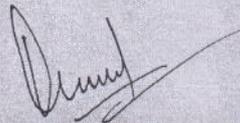
Date: 31/07/2024

This is to certify that Indian Academy Degree College – Autonomous having its institution at Hennur Main Road, Kalyan Nagar, Bangalore – 560043, Karnataka has been granted a sum of Rs. Five Thousand only has been credited vide NEFT: Dr - P149240325299375 – INDIAN ACADEMY DEGREE COLLEGE – UTIB0000734 dated 28-05-2024 to Axis Bank Limited, Account No. 911010015741644 from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.03/SPP/37 dated 19 April, 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) – Ref: no. - 47S\_MSC\_0227.

The college has incurred the expenditure of Rs. Five Thousand Only towards the said project.

All the expenditure invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19 April, 2024.



Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD

Date: 31/07/2024

Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Place: Bengaluru



For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Signature of the Finance / Accounts Officer  
with Seal  
Partner

# INDIAN ACADEMY

Degree College - Autonomous

Reaccredited by NAAC with 'A++' Grade | Recognized by Govt. of Karnataka | Affiliated to Bengaluru North University

## FORM GFR 19-A

### UTILISATION CERTIFICATE

#### KSCST: STUDENT PROJECT PROGRAMME 47<sup>th</sup> SERIES

(To be printed on college letterhead)

| Sl. No. | Letter No. and date                                     | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 7000 towards Student Project Programme - 47 <sup>th</sup> Series |
|---------|---|--------------|---|
| 1       | Ref: 7.1.01/SPP/37<br>Dated:19 <sup>th</sup> April 2024 | 7000/-       | A sum of Rs.7,000 only has been utilized for the purpose of Student Project Programme for which it was sanctioned.                  |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project  | Department/ Guide         | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|---|---------------------------|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0102              | In-silico and In-vitro analysis for crafting a cost effective probiotic and MUFA-enriched protein supplement targeted at adult demographics, augmented with lantibiotics as a preservative. | Prof. Rajarajan Pethannan | 7000/-                     | 7000/-                         | NIL                                    |

Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD

Date: 24.08.2024

Place: Bengaluru.

Indian Accademy Group of Insitutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

www.iadc.ac.in

For SREENIVASAN & GOVARDHAN  
Chartered Accountants  
B. Govardhan

Signature of the Finance / Accounts Officer  
with Partner

K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.



# INDIAN ACADEMY

Degree College - Autonomous

Reaccredited by NAAC with 'A++' Grade | Recognized by Govt. of Karnataka | Affiliated to Bengaluru North University

## STATEMENT OF EXPENDITURE

(To be printed on college letterhead)

### KSCST: STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

Date: 24.08.2024

This is to certify that Indian Academy Degree College - Autonomous having its institution at Hennur Main Road, Kalyan Nagar, Bengaluru - 560043, Karnataka has been granted a sum of Rs Five thousand five hundred only has been credited vide NEFT: P149240325299375 Indian Academy Degree College – UTIB0000734 dated 28.05.2024 to Axis Bank Limited, Account No.911010015741644 dated from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.01/SPP/37 dated 19<sup>th</sup> April 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) Ref:No: 47S\_MSC\_0102.

The college has incurred the expenditure of Rs. Five thousand and five hundred only towards the said project.

All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19<sup>th</sup> April 2024.

Signature of the Principal  
with Seal

For SREENIVASAN & GOVARDHAN  
Chartered Accountants  
Signature of the Finance / Accounts Officer  
with Seal  
Partner

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
Date: 24.08.2024  
Place: Bengaluru.



K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.

Indian Accademy Group of Insitutions, Hennur Main Road, Bengaluru - 560 043, India.

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## FORM GFR 19-A

### UTILIZATION CERTIFICATE

#### KSCST: STUDENT PROJECT PROGRAMME 47<sup>th</sup> SERIES

(To be printed on college letterhead)

| Sl. No. | Letter No. and date                                      | Amount (Rs.) |   |
|---------|--|--------------|---|
| 1       | Ref: 7.1.01/SPP/37<br>Dated: 19 <sup>th</sup> April 2024 | 7000/-       | Certified that KSCST has provided partial financial support of Rs. 7000 towards Student Project Programme - 47 <sup>th</sup> Series<br><br>A sum of Rs.7,000 only has been utilized for the purpose of Student Project Programme for which it was sanctioned. |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project   | Department/ Guide  | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|--|--------------------|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_098               | Molecular analysis and extraction of lantibiotics from diverse actinomycetes species: A comparative study of lantibiotics and antibiotics used to treat nosocomial infections caused by staphylococcus aureus (MRSA) | Prof. P. Rajarajan | 7000/-                     | 7000/-                         | NIL                                    |

Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

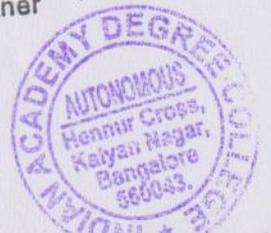
Date: 24.08.2024

Place: Bengaluru.



For SREENIVASAN & GOVAP  
Chartered Accountants

Signature of the Finance / Accounts Officer  
with Seal  
Partner



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## STATEMENT OF EXPENDITURE

(To be printed on college letterhead)

### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

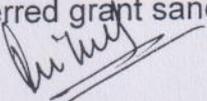
Date: 24.08.2024

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The college has incurred the expenditure of Rs. Five thousand and five hundred only towards the said project.

All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19<sup>th</sup> April 2024.

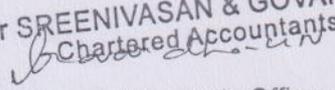
  
Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD

Date: 24.08.2024

Place: Bengaluru.



For SREENIVASAN & GOVARDHAN  
Chartered Accountants  
  
Signature of the Finance / Accounts Officer  
with Seal Partner

Indian Acadademy Group of Insitutions, Hennur Main Road, Bengaluru - 560 043, India.

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## FORM GFR 19-A

### UTILIZATION CERTIFICATE

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(To be printed on college letterhead)

| Sl. No. | Letter No. and date                         | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 5000/- towards Student Project Programme - 47 <sup>th</sup> Series |
|---------|---|--------------|---|
|         | Ref: 7.1.01/SPP/37<br>Dated: 19 April, 2024 | 5000/-       | A sum of Rs 5000/- only has been utilized for the purpose of Student Project Programme for which it was sanctioned.                   |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

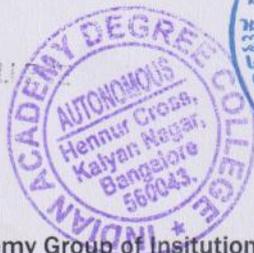
| Sl No | Project Proposal Ref. No. | Title of the Project  | Department/ Guide   | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|---|---|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0063              | "Neuroprotective Effects of the Extract of <i>Moringa oleifera</i> leaves on high sucrose diet-induced Diabetic <i>Drosophila melanogaster</i> ". | Department of Life-Sciences – Biotechnology/Dr. Vanitha G. Ramesh | Rs. 5000/-                 | Rs. 5000/-                     | 0.00                                   |

For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Signature of the Principal  
with Seal

Signature of the Finance / Accounts Officer  
with Seal  
Partner

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
Date: 24.08.2024  
HENNUR MAIN ROAD  
Place: Bengaluru



K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.

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## STATEMENT OF EXPENDITURE

(To be printed on college letterhead)

### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

Date: 24.08.2024

This is to certify that Indian Academy Degree College – Autonomous having its institution at Hennur Main Road, Kalyan Nagar, Bangalore – 560043, Karnataka has been granted a sum of Rs. Five Thousand only has been credited vide NEFT: Dr - P149240325299375 – INDIAN ACADEMY DEGREE COLLEGE – UTIB0000734 dated 28-05-2024 to Axis Bank Limited, Account No. 911010015741644 dated from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.01/SPP/37 dated 19<sup>th</sup> April, 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) - Ref: no. 47S\_MSC\_0063.

The college has incurred the expenditure of Rs. Five Thousand Only towards the said project. All the expenditure invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19 April, 2024.

For SREENIVASAN & GOVARDHAN  
Chartered Accountants

*Govardhan*

Signature of the Finance / Accounts Officer  
with Seal

K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.

Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
Date: 24/08/2024  
Place: Bengaluru



Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

www.iadc.ac.in

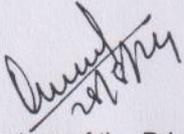
# INDIAN ACADEMY

Degree College - Autonomous

Reaccredited by NAAC with 'A++' Grade | Recognized by Govt. of Karnataka | Affiliated to Bengaluru North University

## Materials Utilized

| Materials / Consumables        | Amount        | GST 18%  |
|--------------------------------|---------------|----------|
| Tri Acetyl Glyceride Assay Kit | 1350/-        | 243/-    |
| A - Glucosidase (Maltase)      | 3200/-        | 576/-    |
| Rava & Jaggery                 | 500/-         | 90/-     |
| <b>TOTAL</b>                   | <b>5050/-</b> | <b>-</b> |



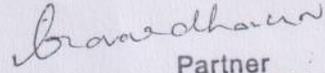
Signature of the Principal with seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

Date: 24.08.2024

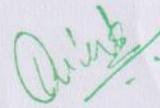
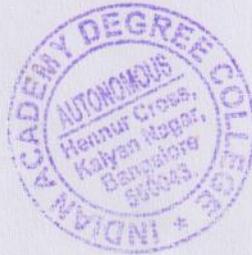
Place: Bengaluru

For SREENIVASAN & GOVARDHAN  
Chartered Accountants



Signature of the Finance / Accounts Officer  
with Seal

K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.



PRINCIPAL  
INDIAN ACADEMY DEGREE COLLEGE  
HENNUR MAIN ROAD, KALYAN NAGAR  
BANGALORE-560043, KARNATAKA

Indian Accademy Group of Insitutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

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# INDIAN ACADEMY

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## FORM GFR 19-A

### UTILIZATION CERTIFICATE

#### KSCST: STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

| Sl.No. | Letter No. and date              | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 7000 towards Student Project Programme - 47 <sup>th</sup> Series |
|--------|----------------------------------|--------------|---|
| 1      | 7.1.01/SPP/37<br>19th April 2024 | 7000         | A sum of <b>Rs 7000</b> only has been utilized for the purpose of Student Project Programme for which it was sanctioned.            |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project   | Department/ Guide   | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|--|---|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0101              | In Silico and In Vitro Screening of Gamma Secretase Inhibiting BBB Permeable Wine Metabolites Neuroprotective Potential. | Dr Erumalla Venkatanagaraju<br>Life Sciences<br>Dr. Ananda Vardhan H<br>Life Sciences | 7000                       | 7000                           | Nil                                    |

*(Signature)*  
20/4/24

Signature of the Principal  
INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS  
HENNUR MAIN ROAD  
Date: BENGALURU - 03



K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No: 201442.

Signature of the Finance / Accounts Officer  
with Seal

For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Place:

Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Partner

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

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# INDIAN ACADEMY

Degree College - Autonomous

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## UTILISATION CERTIFICATE

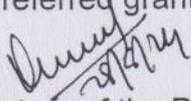
### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

Date: 26/08/2024

This is to certify that Indian Academy Degree College (Autonomous) having its office / institution at Hennur Cross, Bengaluru-560043, Karnataka, India. has been granted a sum of Rs. Seven Thousand has been credited vide NEFT: P149240325299375 dated 28<sup>th</sup> May 2024 to AXIS BANK LTD. Account No. 911010015741644 from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.01/SPP/37 dated 19<sup>th</sup> April 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) - 47S\_MSC\_0101.

The college has incurred the expenditure of Rs. Seven Thousand Only towards the said project/s. All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19<sup>th</sup> April 2024.

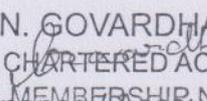
  
Signature of the Principal  
with Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

Date: HENNUR MAIN ROAD

Place: BENGALURU - 43



  
Signature of the Finance / Accounts Officer  
with Seal

For SREENIVASAN & GOVARDHAN  
Chartered Accountants

K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No: 201142

Partner

Indian Accademy Group of Insitutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

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# INDIAN ACADEMY

Degree College - Autonomous

Reaccredited by NAAC with 'A++' Grade | Recognized by Govt. of Karnataka | Affiliated to Bengaluru North University

## FORM GFR 19-A

### UTILIZATION CERTIFICATE

#### KSCST : STUDENT PROJECT PROGRAMME 47<sup>th</sup> SERIES

(To be printed on college letterhead)

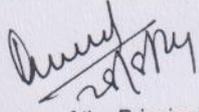
| Sl. No. | Letter No. and date                                     | Amount (Rs.) | Certified that KSCST has provided partial financial support of Rs. 5,500 towards Student Project Programme - 47 <sup>th</sup> Series |
|---------|---|--------------|--|
| 1       | Ref: 7.1.01/SPP/37<br>Dated:19 <sup>th</sup> April 2024 | 5,500/-      | A sum of Rs.5,514 only has been utilized for the purpose of Student Project Programme for which it was sanctioned.                   |

Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly / are being fulfilled and that I have exercised the following check to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of Checks exercised.

01. Cash Book
02. Vouchers

| Sl No | Project Proposal Ref. No. | Title of the Project   | Department/ Guide   | Amount Sanctioned by KSCST | Amount Utilized by the College | Balance if any to be refunded to KSCST |
|-------|---------------------------|--|---------------------|----------------------------|--------------------------------|--|
| 1.    | 47S_MSC_0034              | Microbial Synthesis of Methyl Anthranilate Using <i>Corynebacterium glutamicum</i> And Evaluation of Its Antimicrobial Efficacy. | Dr S. Anu Kiruthika | 5,500/-                    | 5,514/-                        | NIL                                    |

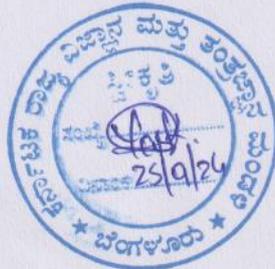


Signature of the Principal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

Hennur Main Road  
Date: 24.08.2024

Place: Bengaluru.



For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Signature of the Finance / Accounts Officer  
with Partner



Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

Tel: +91-080-67458900 | Mobile: +91-9880105678 / 9901110757 | Email: principal@iadc.ac.in / info@iadc.ac.in

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# INDIAN ACADEMY

Degree College - Autonomous

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## STATEMENT OF EXPENDITURE

(To be printed on college letterhead)

### KSCST : STUDENT PROJECT PROGRAMME – 47<sup>th</sup> SERIES

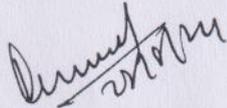
Date: 24.08.2024

This is to certify that Indian Academy Degree College - Autonomous having its institution at Hennur Main Road, Kalyan Nagar, Bengaluru - 560043, Karnataka has been granted a sum of Rs Five thousand five hundred only has been credited vide NEFT: P149240325299375 Indian Academy Degree College – UTIB0000734 dated 28.05.2024 to Axis Bank Limited, Account No.911010015741644 dated from Karnataka State Council for Science and Technology (KSCST) vide their Grant sanction letter Ref. No. 7.1.01/SPP/37 dated 19<sup>th</sup> April 2024 towards 47<sup>th</sup> Series Student Project Programme (SPP) Ref.No: 47S\_MSC\_0034.

The college has incurred the expenditure of Rs. Five thousand and five hundred only towards the said project/s.

All the expenditure voucher / invoices are duly accounted by the college and is authenticated by the Principal and Accounts Officer / Finance Officer of our institution.

The above information is extracted from the books of accounts and documents produced before us and information and explanations provided to us. We further certify that, we have verified the relevant books of accounts and documents / bills / vouchers and found that the said amount has been utilized for the purposes as laid down by the Karnataka State Council for Science and Technology (KSCST). This certificate is provided by us at the specific request of Karnataka State Council for Science and Technology (KSCST) to evidence the utilization of grants in terms of above referred grant sanction letter dated 19<sup>th</sup> April 2024.



Signature of the Principal

With Seal

INDIAN ACADEMY DEGREE COLLEGE  
AUTONOMOUS

HENNUR MAIN ROAD

Date: 24.08.2024

Place: Bengaluru.



K.N. GOVARDHAN B.Com., FCA  
CHARTERED ACCOUNTANT  
MEMBERSHIP No : 201442.

Signature of the Finance / Accounts Officer

With Seal  
For SREENIVASAN & GOVARDHAN  
Chartered Accountants

Partner

Indian Academy Group of Institutions, Hennur Main Road, Bengaluru - 560 043, India.

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KSCST (47<sup>th</sup> SPP) Projects @ IADCA

| S. NO | PROJECT TITLE  | Amount   | GUIDE   | STUDENT NAME   | Project Reference |
|-------|--|----------|---|--|-------------------|
| 1     | MOLECULAR ANALYSIS AND EXTRACTION OF LANTIBIOTICS FROM DIVERSE ACTINOMYCETES SPECIES: A COMPARATIVE STUDY OF LANTIBIOTICS AND ANTIBIOTICS USED TO TREAT NOSOCOMIAL INFECTIONS CAUSED BY STAPHYLOCOCCUS AUREUS (MRSA) | 7,000.00 | PROF RAJARAJAN P  | AISHWARYA<br>GOPINARENDRA PATHAK<br>HARSHITHA N R<br>GOWTHAM GV              | 47S_MSC_0098      |
| 2.    | IN-SILICO AND IN-VITRO ANALYSIS FOR CRAFTING A COST EFFECTIVE PROBIOTIC AND MUFA-ENRICHED PROTEIN SUPPLEMENT TARGETED AT ADULT DEMOGRAPHICS, AUGMENTED WITH LANTIBIOTICS AS A PRESERVATIVE                           | 7,000.00 | PROF RAJARAJAN P  | ABHILASA BHATTACHARYA<br>NEERAJ KRISHNA VR<br>PRUTHVI RAJ R                  | 47S_MSC_0102      |
| 3.    | IN SILICO AND IN VITRO SCREENING OF F-SECRETASE INHIBITING BBB PERMEABLE WINE METABOLITES NEUROPROTECTIVE POTENTIAL  | 7,000.00 | DR. ERUMALLA VENKATA<br>NAGARAJU (PI)<br><br>DR. ANANDA VARDHAN H (CO-PI) | MR. AMRUTH R<br>MR. THARUN M   | 47S_MSC_0101      |
| 4     | ISOLATION OF PLANT-BASED ACETYLCHOLINESTERASE AND DEVELOPMENT PF ENZYME NANOPARTICLES-BASED BIOSENSOR FOR DETECTION OF ORGANOPHOSPHATE LEVELS IN POLLUTED LAKE WATERS  | 5,500.00 | DR. PUSHPA REDDY(PI)  | MR. AMLAN HOSSAIN<br>MS. ALIYA FATHIMA<br>MS.NOUSHEEN FATHIMA<br>MR. PAVAN N | 47S_MSC_0154      |
| 5     | "NEUROPROTECTIVE EFFECTS OF THE EXTRACT OF MORINGA OLEIFERA LEAVES ON HIGH SUCROSE DIET-INDUCED DIABETIC DROSOPHILA MELANOGASTER"  | 5,000.00 | DR.VANITHA G RAMESH   | SNEHA MANNA<br>LIKHITHA L<br>NITHIN KUMAR C V                                | 47S_MSC_0063      |
| 6     | BIO-FEED PRODUCTION FROM URBAN FOOD WASTE"   | 5,000.00 | DR PARAMESH H   | SOUVIK BHUNIA<br>KEERTHANA J M<br>INCHARA R                                  | 47S_MSC_0227      |
| 7     | MICROBIAL SYNTHESIS OF METHYL ANTHRANILATE USING CORYNEBACTERIUM GLUTAMICUM AND EVALUATION OF ITS ANTIMICROBIAL EFFICACY.  | 5,500.00 | DR S. ANU KIRUTHIKA   | MARIA PREETHI<br>NIHAR G<br>HAJIRA FATHIMA                                   | 47S_MSC_0034      |

