



Kuvempu University

SAHYADRI SCIENCE COLLEGE, SHIMOGA-577 203

(A Constituent College of Kuvempu University)

Phone:08182-240435

E-mail:sahyadriscience@gmail.com

Web: www.kussc.ac.in

RESEARCH PROJECT

UTILIZATION CERTIFICATES

2019-20 to 2023-24

**GFR 12 - A [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-23
in respect of RECURRING
as on 31st March-2023 to be submitted to SERB**

Is the UC: *Provisional*

Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature.
- (v) The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (vi) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vii) It has been ensured that the physical and financial performance under **CRG**. (Name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure - I duly enclosed.
- (viii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (ix) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries are enclosed at Annexure -II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

Date: 05-10-2023

Place: Shivamogga

Signature of PI

Dr. B.T. Prabhakar, M.Sc., Ph.D.

Principal Investigator

SERB-Research Project

Department of Biotechnology

Sahyadri Science College

Kuvempu University,

Shivamogga.

Signature with seal:

Chief Finance Officer:

(Head of Finance)

Finance Officer

Kuvempu University

Shankaragatta-577 451

Signature with seal:

Head of Organization:

Registrar

Kuvempu University

Shankaragatta-577 451

Shivamogga

PRINCIPAL

SAHYADRI SCIENCE COLLEGE

Kuvempu University

Shankaragatta-577 451

(Constituent College of Kuvempu University, Shivamogga, Karnataka State.)

GFR 12 – A [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-2023
in respect of *RECURRING* as on 31st March-2023 to be submitted to SERB
Is the UC: *Provisional*

1. Name of the grant receiving Organization : Sahyadri Science College, Kuvempu University, Shivamogga
2. Name of Principal Investigator (PI) : **Dr. B.T. Prabhakar**, Associate Professor,
Molecular Biomedicine Laboratory, Department of Studies and Research in Biotechnology,
Sahyadri Science College, Kuvempu University, Shivamogga
3. SERB Sanction order no. & date : EMR/2017/003088. 15-01-2019
4. Title of the Project : "Unraveling the NEDD9-Vimentin nexus in Head and Neck Squamous Cell Carcinoma
interceded cellular invasion and metastasis for cancer therapeutics"
5. Name of the SERB Scheme : CRG
6. Whether recurring or non-recurring grants : **RECURRING**
7. Grants position at the beginning of the Financial year : 11,20,052.00
 - (i) Carry forward from previous financial year : 11,20,052.00
 - (ii) Others, If any : -
 - (iii) **Total** : **11,20,052.00**


PRINCIPAL
SAHYADRI SCIENCE COLLEGE (University)
SAHYADRI College of Kuvempu State-
SHIMOGGA, Karnataka State.

**GFR 12 - A [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-2023
in respect of NON-RECURRING
as on 31st March 2023 to be submitted to SERB
Is the UC: Provisional**

Certified that I have satisfied that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose for which it was sanctioned:

- (i) The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the Act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.
- (ii) There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc. & the periodic evaluation of internal controls is exercised to ensure their effectiveness.
- (iii) To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.
- (iv) The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature. The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- (v) The expenditure on various components of the scheme was in the proportions authorized as per the scheme guidelines and terms and conditions of the grants-in-aid.
- (vi) It has been ensured that the physical and financial performance under CRG. (Name of the scheme has been according to the requirements, as prescribed in the guidelines issued by Govt. of India and the performance/targets achieved statement for the year to which the utilization of the fund resulted in outcomes given at Annexure - I duly enclosed.
- (vii) The utilization of the fund resulted in outcomes given at Annexure - II duly enclosed (to be formulated by the Ministry/Department concerned as per their requirements/specifications.)
- (viii) Details of various schemes executed by the agency through grants-in-aid received from the same Ministry or from other Ministries are enclosed at Annexure -II (to be formulated by the Ministry/Department concerned as per their requirements/specifications).

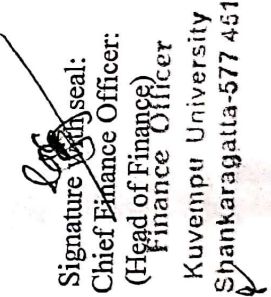
Date: 05-10-2023

Place: Shivamogga

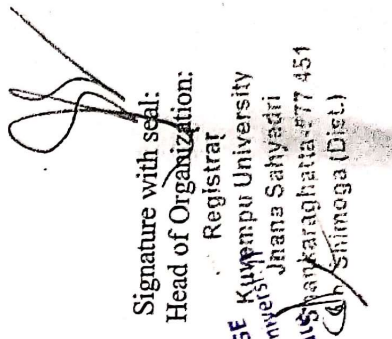
Signature of PI



Signature with seal:
Chief Finance Officer:
(Head of Finance)
Finance Officer


Kuvempu University
Shankaragatta-577 451

Signature with seal:
Head of Organization:
Registrar


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
Kuvempu University
Shankaragatta-577 451
(Constituent College of Kuvempu University, Shivamogga (Dist.))

GFR 12 - A [(See Rule 238 (1))]
UTILIZATION CERTIFICATE (UC) FOR THE YEAR 2022-2023
in respect of NON-RECURRING as on 31st March-2023 to be submitted to SERB
Is the UC: Provisional

1. Name of the grant receiving Organization
: Sahyadri Science College, Kuvempu University, Shivamogga
2. Name of Principal Investigator (PI)
: **Dr. B.T. Prabhakar**, Associate Professor,
Molecular Biomedicine Laboratory, Department of Studies and Research in Biotechnology,
Sahyadri Science College, Kuvempu University, Shivamogga
: EMR/2017/003088. 15-01-2019
3. SERB Sanction order no. & date
: "Unraveling the NEDD9-Vimentin nexus in Head and Neck Squamous Cell Carcinoma
interceded cellular invasion and metastasis for cancer therapeutics"
4. Title of the Project
: CRG
5. Name of the SERB Scheme
: **NON-RECURRING**
6. Whether recurring or non-recurring grants
7. Grants position at the beginning of the Financial year : 2,115.00
 - (i) Carry forward from previous financial year : 2,115.00
 - (ii) Others, If any : -
 - (iii) Total : 2,115.00


PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGGA, Karnataka State.

22-24

Format for Utilization Certificate
(Annual/Final)

Certified that out of Rs 12,66,645.00 of grants-in-aid sanctioned during the year 2022 in favor of "The Finance Officer, Kuvempu University, Jnanasahyadri, Shankaraghatta-577 451 under ICMR Letter No 58/34/2020/PHA/BMS and unspent balance of the from the first installment, a sum of Rs 2,51,624 has been utilized for the purpose of ICMR grant in aid for research work for which it was sanctioned and that the balance of Rs. 28,372 remaining unutilized (including committed amount) at the end of the year has been carried forwarded for the next year 2023-24.

Signature of
Principal Investigator
with date

Dr. B.T. Prabhakar
Principal Investigator
ICMR-ADHOC Project
Department of Biotechnology
Sahyadri Science College
Kuvempu University, Shivamogga.

Signature of Registrar/
of the Institute with date

Registrar
Kuvempu University
Jnana Sahyadri
Shankaraghatta-577 451
Shimoga (Dist.)

Signature of Accounts Officer
of the Institute with date

Finance Officer
Kuvempu University
Shankaraghatta-577 451

Signature of Principal

PRINCIPAL
SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University)
SHIMOGA, Karnataka State.

Dr. B.T. Prabhakar

**PROFORMA FOR THE SUBMISSION OF UTILIZATION CERTIFICATE AND
STATEMENT OF EXPENDITURE**

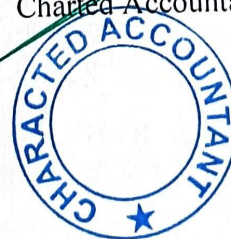
AUDIT UTILIZATION CERTIFICATE

It is Certified that the 1st installment grant of **Rs. 8, 00,000/-** (Rupees Eight Lakhs only) received from the University Grants Commission under the scheme of support for UGC-BSR Start-Up entitled: **"Design, Synthesis and biological evaluation of heterocyclic compounds bearing indole nucleus"**, vide UGC Letter No: F.30-478/2019, dated 21.11.2019 towards the UGC-BSR Start-Up Grant the total sanction amount is **Rs.8, 00,000/-**. Out of which a sum of **Rs. 8, 00,000/-** (Rupees Eight Lakhs only) has been utilized for the purpose of which it was sanctioned in accordance with the terms and condition laid down by the University Grant Commission.

If result of check or audit objection, some irregularity is noticed at a later stage, action will be taken to refund to refund or regularize the objective amount. It is further certified that inventories of permanent or semi-permanent assets created/acquired wholly or mainly out of the grants given by the University Grant Commission as indicated above are being maintained in the prescribed form and are being kept up-to-date and these assets have not been disposed of, encumbered or utilized for any other purpose.

Signature 
Registrar (with seal)
Kuvempu University
Jhana Sahyadri
Shankaraghatta-577 451
Chimnoga (Dist.)

Signature 
Chartered Accountant



N.B. The Utilization Certificate accompanied by audited statement of accounts indicating expenditure on various heads/items

UDIN 22206777ANFCGN2993

KU. SSCS- NO 469 - 2023-24 - 2708-10-08-23

To,

The Director

Development Section
Kuvempu University
Shankaraghatta- 577451

From,

Dr. Pradeepa K
Principal Investigator & Asst. Prof.
KU Start Up Research Grant
Department of Biotechnology
Sahyadri Science College, Shimoga

Through,

The Principal
Sahyadri Science College, Shimoga

Subject: Utilization Certificate and Final Project Report of Start-Up Research Grant

Order No. KU:DV-4:177:2020-21:3978, Dated: 21.12.2020

Ref: KU:DV-4:206:2021-22/184/1944: Dated: 04-08-2023

Dear Sir,

With reference to the above cited subject, I am submitting the Utilization Certificate and Final Project Report of Start-Up Research (Funded by Kuvempu University) Grant No: KU:DV-4:177:2020-21:3978, Dated: 21.12.2020, Entitled "Study of Effect of Arecaidine from Areca nut on Hepatocellular Carcinoma".

Thank you

Yours Sincerely

Date: 10/08/2023

Forwarded for the needful action

Enclosures:

1. Utilization certificate
2. Project report

Pradeepa K
10.8.23
PRINCIPAL

SAHYADRI SCIENCE COLLEGE
(Constituent College of Kuvempu University),
SHIMOGA, Karnataka State.

**START-UP Research Grant
Kuvempu University**

PROJECT REPORT ON

Study of Effect of Arecaidine from Areca nut on Hepatocellular Carcinoma

Order No. KU:DV-4:177:2020-21:3979, Dated: 21.12.2020

Submitted by

Dr. Pradeepa K

Principal Investigator

& Assistant Professor

Department of PG Studies and Research in Biotechnology

Sahyadri Science College, Kuvempu University, Shivamogga-577203

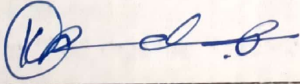
Karnataka, India

2023



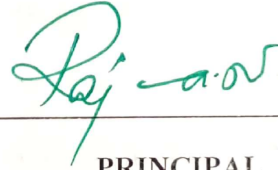
UTILIZATION CERTIFICATE

It is Certified that the Research grant of **Rs. 2, 00,000/-** (Rupees Two Lakhs only) sanctioned from the Kuvempu University under the scheme of support for Start-Up Research grant entitled: **"Study of Effect of Arecaidine from Areca nut on Hepatocellular Carcinoma"**, Order No: **KU:DV-4:177:2020-21:3979**, Dated: **21.12.2020**. The total sanction amount is **Rs. 2, 00,000/-**. Out of which a sum of **Rs. 1,98,468/-** (Rupees One lakh ninetyeight thousand four hundred sixtyeight only) has been utilized for the purpose of which it was sanctioned in accordance with the terms and condition laid down by the Kuvempu University.



PRINCIPAL INVESTIGATOR

Dr. Pradeepa K. W. S. Ph.D.
(SIGNATURES WITH SEAL)
Assistant Professor
Dept. of P.G. Studies & Research in Biotechnology
Sahyadri Science College
Kuvempu University, Shivamogga-577 203.

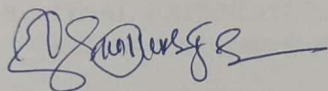


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SHIMOGA, Karnataka State.

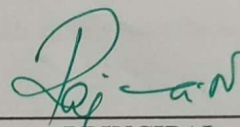
UTILIZATION CERTIFICATE

It is Certified that the Research grant of **Rs. 2, 00,000/-** (Rupees Two Lakhs only) sanctioned from the Kuvempu University under the scheme of support for Start-Up Research grant entitled: **"Synergistic approach towards cardiovascular protection by designing of biodegradable nanocarriers loaded with nutraceutical and statin"**, Order No: **KU:DV-4:177:2020-21:3978**, Dated: **21.12.2020**. The total sanction amount is **Rs. 2, 00,000/-**. Out of which a sum of **Rs. 1,99,624/-** (Rupees One lakh ninety-nine thousand six hundred and twenty four only) has been utilized for the purpose of which it was sanctioned in accordance with the terms and condition laid down by the Kuvempu University.



PRINCIPAL INVESTIGATOR
(SIGNATURES WITH SEAL)

Dr. Varunakumara. J.B. M.Sc., Ph.D.,
Assistant Professor
Department of Biochemistry
Sahyadri Science College
Kuvempu University
Shivamogga-577 203, Karnataka, India



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