

**Sri Venkateswara College of Engineering,
Office of the Dean (Research)**

October 25, 2021,

Submitted to the Principal

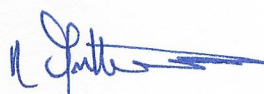
Sir,

Applications were called for PG Intramural Project funding. We have received 16 projects proposals from the final year PG students for funding. I have nominated the following Experts are the members of the review committee, to review and recommend the projects for Intramural funding for the Academic Year 2021-2022.

1. Dr. S. Ganesh Vaidyanathan, Principal, SVCE.
2. Dr. KR. Santha, Professor & HOD / EEE, and Vice-Principal.
3. Dr. D Meiyappan, Professor & HOD / Chemical.
4. Dr. R. Anitha, Professor & HOD / CSE,
5. Dr. N. Kumarathan, Professor / ECE.
6. Dr. J. Venkatesan, Professor & HOD / Automobile & Dean (Students' Welfare),
7. Dr. S. Ramesh Babu, Professor & HOD / Mechanical,
8. Dr. G. Sumathi, Professor & Head – Information Management System.
9. Dr. N. Meyyappan, Professor & HOD / Chemical,
10. Dr V. Sumitha, Associate Professor and Head Incharge/ BIO
11. Dr. R. Muthucumaraswamy, Professor & HOD/APM, Dean (Research) & Convener

I request you to approve the members for the above said committee.

Sincerely yours



Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

25/10/2021

To: Dean-R
Noted; Approved
of
28/10

Note: Projects guided by Committee members cannot be selected to avoid conflict of interest

SRI VENKATESWARA COLLEGE OF ENGINEERING

Autonomous Institution – Affiliated to Anna University

Office of Dean (Research)

Annexure- I-Intramural PG funding

25.10.2021

The list of final year ME/MTech Student Projects submitted for intramural funding for the Academic year 2021-2022.

1. M Tech - Biotechnology

S.No.	Name the student	Title of the Project	Name of the Mentor
1.	Ms. K. Dharshene	In silico and invitro studies on the anticancer effect of mitochondrial HSP90 targeting linked combinatorial withaferin A on targeting advanced stage level hepatocellular carcinoma	Dr. P.K. Praveen Kumar Associate professor
2.	Ms. T. Amrutha	Metagenomics analysis of Mobile Genetic Elements from Antimicrobial Resistance "Hot Spots" in Cooum River.	Dr. K. Divakar Associate professor
3.	Mr. S. Deepak	Hyaluronic acid production by recombinant Lactococcus lactis carrying codon optimized HasA gene from Streptococcus pyogenes.	Dr. V. Sumitha Associate professor
4.	Ms. S. Kawya	Production and evaluation of biscuits supplement with Vitamin B6 from Hydrilla verticillata	Dr. S. Pandi Prabha Associate professor
5.	Mr. R. Delli Karthikeyan	Enhancement of biodiesel production from microalgal biomass using nano-additives	Dr. K. Vasantharaj Assistant Professor
6.	Ms. R. Nivedha	Synthesis, characterization and self-assembly of bionanosurfactants in biomedical applications	Dr. G. Karthigadevi Assistant Professor
7.	Ms. Firdous Mujeeb	Preparation and characterization of diosgenin-loaded liposomes for drug delivery in breast cancer cells	Mr. J. Hariharan Assistant Professor
8.	Ms. V. Sowmiya	Augmenting vaccine efficacy by IL-2 encoded Lactobacillus casei as an adjuvant	Prof. M. Sivanandham Visiting Professor and Secretary Dr. V. Sumitha Associate Professor
9.	Mr. KR. Karthick Balaji	Green Synthesis and Characterization of Essential Oils Loaded Liposomes and its Evaluation of Antimicrobial Activity	Dr. E. Nakkkeeran Professor

2. M Tech - Chemical Engineering

S.No.	Name the student	Title of the Project	Name of the Mentor
1.	Mr G Ratna Sabapathy	Experimental studies for removal of arsenic in fertilizer industry effluent using packed bed column filled with Chitosan/Zeolite complex beads	Dr N Meyyappan Professor and Head
2.	Ms M Priyadarshini	Preparation and Characterization of carbon aerogels from sugarcane and wheat straw	Dr R Palalni Associate Professor
3.	Ms S Madhumitha	Investigation of variation of extraction methodology to infer the recovery performance of 1,8-cineole from Eucalyptus oil	Dr R Govindarasu Associate Professor

3. ME - Computer Science and Engineering


S.No.	Name the student	Title of the Project	Name of the Mentor
1.	Kamakshi A S	Term-Based Personalization of feature selection of Auto filling Patient Transition	Dr. P.Janarthanan Associate Professor
2.	Tenkayala Vasundhara	Landmark Recognition using Transfer Learning	Dr. R.Jayabhaduri Associate Professor

4. ME – Computer Science and Engineering (Networks- offered by INT)

S.No.	Name the student	Title of the Project	Name of the Mentor
1.	Mr Prathap Rane K	Automatic body temperature detection for COVID-19 precaution	Dr C Yaashuwanth Associate Professor

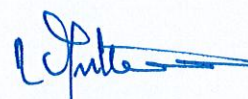
5. ME – Mechatronics (Mechanical Engineering)

S.No.	Name the student	Title of the Project	Name of the Mentor
1.	Mr S Riyas	IoT based inventory monitoring system and detection of proper placement of products	Dr S Gopinath Professor


Principal

Principal

Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

 28/10/2021

Dr R Muthucumaraswamy
Dean (Research)

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.


SRI VENKATESWARA COLLEGE OF ENGINEERING
INTRAMURAL FUNDED PROJECTS - Final Year PG Students for the Academic
Year 2021-2022

List of projects selected for Intramural funding

Date: 28.10.2021

S.No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned/ Received
1.	MTech BIO	Ms.V. Sowmiya	Augmenting vaccine efficacy by IL-2 encoded Lactobacillus casei as an adjuvant	Prof. M Sivanandham Visiting Professor and Secretary Dr .V. Sumitha, Associate Professor	Rs.10,000/-
2.	MTech BIO	Ms. K. Dharshene	In silico and invitro studies on the anticancer effect of mitochondrial HSP90 targeting linked combinatorial withaferin A on targeting advanced stage level hepatocellular carcinoma	Dr. P.K. Praveen Kumar Associate professor	Rs. 10,000/-
3.	MTech BIO	Ms. T. Amrutha	Metagenomics analysis of Mobile Genetic Elements from Antimicrobial Resistance "Hot Spots" in Cooum River.	Dr. K. Divakar Associate professor	Rs.10,000/-
4.	MTech BIO	Ms. R.Nivedha	Synthesis, characterization and self-assembly of bionanosurfactants in biomedical applications	Dr. G. Karthigadevi Assistant Professor	Rs.10,000/-
5.	MTech BIO	Ms.Firdous Mujeeb	Preparation and characterization of diosgenin-loaded liposomes for drug delivery in breast cancer cells	Mr. J. Hariharan Assistant Professor	Rs.10,000/-
6.	MTech CHE	Mr G Ratna Sabapathy	Experimental studies for removal of arsenic in fertilizer industry effluent using packed bed column filled with Chitosan/Zeolite complex beads	Dr N Meyyappan Professor and Head	Rs.10,000/-
7.	MTech CHE	Ms S Madhumitha	Investigation of variation of extraction methodology to infer the recovery performance of 1,8-cineole from Eucalyptus oil	Dr R Govindarasu Associate Professor	Rs. 10,000/-

S.No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned/ Received
8.	ME CSE	Tenkayala Vasundhara	Landmark Recognition using Transfer Learning	Dr. R.Jayabhaduri Associate Professor	Rs.10,000/-
9.	ME CSN (INT)	Mr Prathap Rane K	Automatic body temperature detection for COVID-19 precaution	Dr C Yaashuwanth Associate Professor	Rs.9500/-
10.	ME MEC	Mr S Riyas	IoT based inventory monitoring system and detection of proper placement of products	Dr S Gopinath Professor	Rs. 9500/-
(Rupees Ninety-nine thousand only) TOTAL					Rs. 99,000

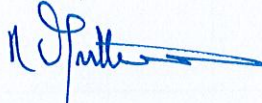

Dr S Ganesh Vaidyanathan

Principal

Principal

Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.



 28/10/2021
Dr R Muthucumaraswamy

Dean (Research)

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

SRI VENKATESWARA COLLEGE OF ENGINEERING
INTRAMURAL FUNDED PROJECTS - Final Year PG Students for the Academic
Year 2021-2022

List of projects selected for Intramural funding

Date: 28.10.2021

S.No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned/ Received
✓ 1.	MTech BIO	Ms.V. Sowmiya	Augmenting vaccine efficacy by IL-2 encoded Lactobacillus casei as an adjuvant	Prof. M Sivanandham Visiting Professor and Secretary Dr .V. Sumitha Associate Professor	Rs.10,000/- 28/10/21 Received
✓ 2.	MTech BIO	Ms. K. Dharshene	In silico and invitro studies on the anticancer effect of mitochondrial HSP90 targeting linked combinatorial withaferin A on targeting advanced stage level hepatocellular carcinoma	Dr. P.K. Praveen Kumar Associate professor Received Rs.10,000/- P.K. Praveen 28/10/21	Rs. 10,000/-
✓ 3.	MTech BIO	Ms. T. Amrutha	Metagenomics analysis of Mobile Genetic Elements from Antimicrobial Resistance "Hot Spots" in Cooum River.	Dr. K. Divakar Associate professor Received Rs.10,000/- K. Divakar 28/10/21	Rs.10,000/-
✓ 4.	MTech BIO	Ms. R.Nivedha	Synthesis, characterization and self-assembly of bionanosurfactants in biomedical applications	Dr. G. Karthigadevi Assistant Professor	Rs.10,000/- Received Rs 10000/- G. Karthigadevi
✓ 5.	MTech BIO	Ms.Firdous Mujeeb	Preparation and characterization of diosgenin-loaded liposomes for drug delivery in breast cancer cells	Mr. J. Hariharan Assistant Professor Received Rs.10,000/- J. Hariharan	Rs.10,000/-
✓ 6.	MTech CHE	Mr G Ratna Sabapathy	Experimental studies for removal of arsenic in fertilizer industry effluent using packed bed column filled with Chitosan/Zeolite complex beads	Dr N Meyyappan Professor and Head Received Rs.10,000/- N. Meyyappan 28/10/21	Rs.10,000/-
✓ 7.	MTech CHE	Ms S Madhumitha	Investigation of variation of extraction methodology to infer the recovery performance of 1,8-cineole from Eucalyptus oil	Dr R Govindarasu Associate Professor Received Rs.10,000/- R. Govindarasu 28/10/21	Rs. 10,000/-

S.No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned/ Received
8.	ME CSE	Tenkayala Vasundhara	Landmark Recognition using Transfer Learning	Dr. R.Jayabhaduri Associate Professor <i>Received</i>	Rs.10,000/- <i>210,000/</i>
✓ 9.	ME CSN (INT)	Mr Prathap Rane K <i>Received</i>	Automatic body temperature detection for COVID-19 precaution	Dr C Yaashuwanth Associate Professor	Rs.9500/-
✓ 10.	ME MEC	Mr S Riyas	IoT based inventory monitoring system and detection of proper placement of products	Dr S Gopinath Professor <i>Received</i>	Rs. 9500/- <i>Received</i>
TOTAL					Rs. 99,000

(Rupees Ninety-nine thousand only)

S Ganesh
9/12/21

Dr S Ganesh Vaidyanathan

Principal

Prof.S. Ganesh Vaidyanathan, Ph.D
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117.
Tamilnadu State, India.

R Muthu
1/12/2021

Dr R Muthucumaraswamy

Dean (Research)

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms V Sowmiya, Final year, M.Tech - Biotechnology

(Mentors): **Prof. M Sivanandham**, Visiting Professor/BIO & Secretary
Dr V Sumitha, Associate Professor and Head In-charge /BIO

Through: Head of the Department, Biotechnology

Dear Sir/Madam;

Sub: Intimation – Sanction of funding: -Augmenting vaccine efficacy by IL-2 encoded Lactobacillus casei as an adjuvant-Regarding.

Congratulation!

We are happy to inform you that your project submitted to the Dean (Research) for funding from the Intramural Research, was recommended by a review committee for funding, and the Management sanctioned an amount of **Rs.10,000 /- (Rupees Ten thousand only)** for your project.

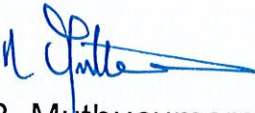
The money is transferred to your department. You could spend the sanctioned amount to purchase any materials using the standard college procedure. After using all the sanctioned money, you are request to submit an utilization report to the Dean (Research) by the end of **31st March 2022**.

A format for the utilization certificate is available in website.

You are also requested to submit a report on the work performed on your project and any **publications** made in it to the Dean (Research) by 31st May 2022.

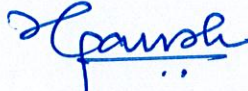
Wish you all the best for your project.

Sincerely,


28/10/2021
Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Ponnalur, Sriperumbudur-602117.

Encl : Utilization Certificate format
Copy to : Head, Department of Biotechnology


Principal

Principal
Sri Venkateswara College of Engineering
Ponnalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms. K. Dharshene, Final year, M.Tech - Biotechnology

(Mentor): **Dr K Divakar**, Associate Professor/BIO

Through: Head of the Department, Biotechnology

Dear Sir/Madam;

Sub: Intimation – Sanction of funding: - Molecular Docking and in Vitro Evaluation of Anti-microbial potential of Phytochemicals and Phytopeptides against food spoiling Microbes-Reg.

Congratulation!

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Wish you all the best for your project.

Sincerely,

 28/10/2021
Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

Encl : Utilization Certificate format.
Copy to : Head, Department of Biotechnology


Principal
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms. T. Amrutha, Final year, M.Tech - Biotechnology

(Mentor) **Dr K Divakar**, Associate Professor, Biotechnology

Through: Head of the Department, Biotechnology

Dear Sir/Madam;

Sub: Intimation – Sanction of funding: Metagenomics analysis of
Mobile Genetic Elements from Antimicrobial Resistance
"Hot Spots" in Cooum River-Regarding.

Congratulation!

We are happy to inform you that your project submitted to the Dean (Research) for funding from the Intramural Research, was recommended by a review committee for funding, and the Management sanctioned an amount of **Rs.10,000 /- (Rupees Ten thousand only)** for your project.

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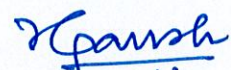
Wish you all the best for your project.

Sincerely,

 28/10/2021

Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.



Principal

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**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms R Nivedha, Final year, M.Tech - Biotechnology

(Mentor) **Dr G Karthigadevi**, Assistant Professor, Biotechnology

Through: Head of the Department, Biotechnology

Dear Sir/Madam;

Sub: Intimation – **Sanction of funding:** Synthesis, characterization and self-assembly of bionanosurfactants in biomedical Applications-Reg.

Congratulation!

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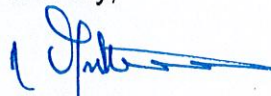
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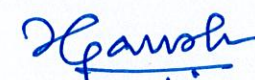
You are also requested to submit a report on the work performed on your project and any **publications** made in it to the Dean (Research) by 31st May 2022.

Wish you all the best for your project.

Sincerely,


28/10/2021
Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

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Principal
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Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms Firdous Mujeeb, Final year, M.Tech - Biotechnology

(Mentor) **Mr J Hariharan**, Assistant Professor, Biotechnology

Through: Head of the Department, Biotechnology

Dear Sir/Madam;

Sub: Intimation – **Sanction of funding:** Preparation and characterization of diosgenin-loaded liposomes for drug delivery in breast cancer cells-Reg.

Congratulation!

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Wish you all the best for your project.

Sincerely,


Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
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Sri Venkateswara College of Engineering
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Principal
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Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India,

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Mr G Ratna Sabapathy, Final year, M.Tech - Chemical Engineering

(Mentor) **Dr. N Meyyappan**, Professor and Head, Chemical Engineering

Through: Head of the Department, Chemical Engineering

Dear Sir/Madam;

Sub: Intimation – **Sanction of funding:-** Experimental studies for removal of arsenic in fertilizer industry effluent using packed bed column filled with Chitosan/Zeolite complex beads-Reg.

Congratulation!

We are happy to inform you that your project submitted to the Dean (Research) for funding from the Intramural Research, was recommended by a review committee for funding, and the Management sanctioned an amount of **Rs.10,000 /- (Rupees Ten thousand only)** for your project.

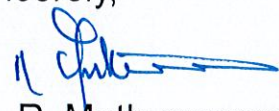
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Wish you all the best for your project.

Sincerely,


Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
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Principal
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Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms S Madhumitha, Final year, M.Tech - Chemical Engineering

(Mentor) **Dr R Govindarasu**, Associate Professor, Chemical Engineering

Through: Head of the Department, Chemical Engineering

Dear Sir/Madam;

Sub: Intimation – **Sanction of funding:-** Investigation of variation of extraction methodology to infer the recovery performance of 1,8-cineole from Eucalyptus oil –Reg.

Congratulation!

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Wish you all the best for your project.

Sincerely,


Dr. R. Muthucumaraswamy
Dean (Research)

28/10/2021
Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.



Principal

Principal

**Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.**

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Copy to : Head, Department of Chemical Engineering

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Ms Tenkayala Vasundhara, Final year, ME, Computer Science and
Engineering

(Mentor) **Dr R Jayabhaduri**, Associate Professor, CSE

Through: Head of the Department, Computer Science and Engineering

Dear Sir/Madam;

Sub: Intimation – **Sanction of funding:-** Landmark Recognition using
Transfer Learning –Reg.

Congratulation!

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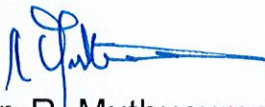
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Dean (Research), Professor & Head
Department of Applied Mathematics
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Tamilnadu, India.

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**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Mr K Prathap Rane, Final year, Computer Science and Networks-
Information Technology

(Mentor) **Dr C Yaashuwanth**, Associate Professor, Information Technology

Through: Head of the Department, Information Technology

Dear Sir,

Sub: Intimation – **Sanction of funding:** Automatic body temperature
detection for COVID-19 precaution –Reg.

Congratulation!

We are happy to inform you that your project submitted to the Dean
(Research) for funding from the Intramural Research, was recommended by
a review committee for funding, and the Management sanctioned an amount
of **Rs.9500 /- (Rupees Nine thousand five hundred only)** for your project.

The money is transferred to your department. You could spend the
sanctioned amount to purchase any materials using the standard college
procedure. After using all the sanctioned money, you are request to submit an
utilization report to the Dean (Research) by the end of **31st March 2022**.

A format for the utilization certificate is available in website.

You are also requested to submit a report on the work performed on
your project and any **publications** made in it to the Dean (Research) by 31st
May 2022.

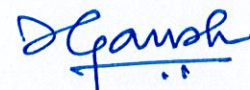
Wish you all the best for your project.

Sincerely,

 28/10/2021

Dr. R. Muthucumaraswamy,
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Ponnalur, Sriperambudur-602117.



Principal

Principal

Sri Venkateswara College of Engineering
Ponnalur, Sriperambudur Tk-602 117
Tamilnadu, India

Encl : Utilization Certificate format
Copy to : Head, Department of Information Technology

**Sri Venkateswara College of Engineering,
Office of Dean (Research)**

28.10.2021

Mr S Riyas, Final year, Mechatronics - Mechanical Engineering

(Mentor) **Dr S Gopinath**, Professor, Mechanical Engineering

Through: Head of the Department, Mechanical Engineering

Dear Sir,

Sub: Intimation – **Sanction of funding:** IoT based inventory monitoring system and detection of proper placement of projects –Reg.

Congratulation!

We are happy to inform you that your project submitted to the Dean (Research) for funding from the Intramural Research, was recommended by a review committee for funding, and the Management sanctioned an amount of **Rs.9500 /- (Rupees Nine thousand five hundred only)** for your project.


The money is transferred to your department. You could spend the sanctioned amount to purchase any materials using the standard college procedure. After using all the sanctioned money, you are request to submit an utilization report to the Dean (Research) by the end of **31st March 2022**.

A format for the utilization certificate is available in website.

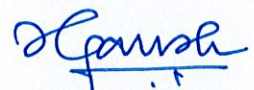
You are also requested to submit a report on the work performed on your project and any **publications** made in it to the Dean (Research) by 31st May 2022.

Wish you all the best for your project.

Sincerely,

 28/10/2021
Dr. R. Muthucumaraswamy
Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.


Principal
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117
Tamilnadu, India.

Encl : Utilization Certificate format.
Copy to : Head, Department of Mechanical Engineering

Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur (Taluk) - 602 117

Office of Dean (Research)

PG-BIO
Project No. 1

Utilization Certificate

Certified that the sum of **Rs. 10000/-** Sanctioned for the project entitled "**Augmenting vaccine efficacy by IL-2 encoded *Lactobacillus casei* as an adjuvant**" during the Academic Year 2021-2022 of Grants – in-aid amount in favour of **Ms.V.Sowmiya (Reg No: 212720021109)**. The details of expenditure are as follows.

S.No	Particulars and Date	Amount (Rs.)
1	HiSep LSM 1077 (Cat no: LS001) Invoice Number: 425 Date: 01-06-2022	10,015/-
	Total Amount	10,015/-

Total amount sanctioned **Rs.10000/-** Balance unspent money **Rs.0/-** of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Ms. V. Sowmiya	Biotechnology	M.Tech Biotechnology	V. Sowmiya	23/07/2022

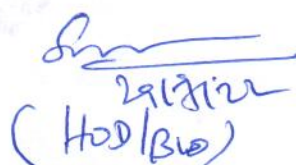
S. No.	Project Guide Name	Department	Designation	Signature	Date
1	Dr. V. Sumitha	Biotechnology	Asso.Professor		23/7/22

Office use:

Forwarded to Principal


Dean (Research) verification &
Signature

Dr. R.Muthucumaraswamy Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.


(HOD/BIO)
Prof. E. NAKKEERAN, M. Tech., Ph.D.
Professor & Head
Department of Biotechnology
Sri Venkateswara College of Engineering


16/8/22
Prof. S. Ganesh Vaidyanathan, Ph.D.
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117.

Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur (Taluk) - 602 117

Office of Dean (Research)

PG-BIO
Project no. 2

Utilization Certificate

Certified that the sum of Rs. 10,000/- sanctioned during the Academic Year 2021-2022 of Grants – in-aid amount in favour of

Dr/Mr./Ms. Dharshene K (Guide Dr. K. Divakar) The details of expenditure are as follows:

S.No.	Particulars with Bill No. and Date	Amount (Rs.)
1.	Ligation Sequencing Kit - NEB	10,234/-
	Total (in Rs.)	10,234/-

Total amount sanctioned Rs. 10,000/- Balance unspent money Rs. — of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Dharshene K	Biotechnology	M.Tech Biotech	Dharshene K	23/07/2022
2					
3					
4					

S. No.	Name	Department	Designation	Signature	Date
1	K. DIVAKAR	BIOTECHNOLOGY	ASP	K. Divakar	23/7/2022
2					

Office use:

Signature of HOD

Prof. E. NAKKEERIAN, M.Tech, Ph.D.
Professor & Head
Department of Biotechnology
Sri Venkateswara College of Engineering

Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering

Principal

Prof. S. Ganesh Vaidyanathan, Ph.D.
Principal
Sri Venkateswara College of Engineering

Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur (Taluk) - 602 117

Office of Dean (Research)

PG-BIO
Proj. no: 3

Utilization Certificate

Certified that the sum of Rs. 10,000/- sanctioned during the Academic Year 2021-2022 of Grants – in-aid amount in favour of Amrutha. T (student)
Dr/Mr./Ms. K. Divakar (guide) The details of expenditure are as follows:

S.No.	Particulars with Bill No. and Date	Amount (Rs.)
1.	Next ds DNA Fragmentase Reaction Buffer V2 - 6ml - 1ml	3388.84
2.	Nuclear free water - 25ml - 1ml	3556.63
3.	DNAse I Reaction Buffer 6ml - 1ml	3145.64
	SI/2022-23/021 Dt. 28.04.2022	10,091.00
	Total (in Rs.)	10,091.00

Total amount sanctioned Rs. 10,000/- Balance unspent money
Rs. - of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Amrutha. T	BIOTECH	M.Tech BIOTECH	T. Amrutha	23/7/22
2					
3					
4					

S. No.	Name	Department	Designation	Signature	Date
1	K. Divakar	Biotechnology	Biotechnology	K. Divakar	23/7/22
2					

Office use:

Signature of HOD

Dean(Research)

Principal

Prof. E. NAKKEERAN, M.Tech, Ph.D.
Professor & Head
Department of Biotechnology

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics

Prof. S. Ganesh Vaidyanathan, Ph.D.
Principal
Sri Venkateswara College of Engineering
Tamil Nadu - 602 117.


Utilization Certificate

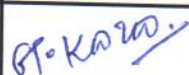
Certified that the sum of **Rs.10000** sanctioned for the Project entitled "**Synthesis, Characterization and self-assembly of bionanosurfactants in Biomedical applications**" during the Academic Year 2021-2022 of Grants – in-aid amount in favour of Ms. Nivedha R. The details of expenditure are as follows.

S. No	Particulars and Date	Amount (Rs.)
1	SEM Analysis (Sample 1 & 2) Reference ID: 009505995, 009428686 Date: 10/02/2022	6000
2	XRD Analysis Reference ID: 019156603, Date: 10/02/2022	1000
3	Chlorella vulgaris liquid culture (100 ml) Invoice no : 006/22 Date: 01/03/22	1500
4	GCMS analysis Invoice no: C22232447C1160 Date: 03/06/2022	1000
5	FTIR (SRMIST Consultancy) Online Transaction	950
6	AF Aquarium Date 17/12/2021	2000
	Total amount	12,400/-


Total amount sanctioned Rs. 10000 Balance unspent money Rs. Nil of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Ms. R. Nivedha	Biotechnology	M. Tech Biotechnology		26.07.2022

S. No.	Project Guide Name	Department	Designation	Signature	Date
1	Dr. G. Karthigadevi	Biotechnology	Asst. Professor		26.07.2022

Office use:


29/7/22
Signature of Prof. S. Ganesh Vaidyanathan, Ph.D.
Department of Biotechnology
Sri Venkateswara College of Engineering
Forwarded to Principal
T: - 602 117, Pennalur, Taluk


Dean (Research) verification &
Signature

 Prof. S. Ganesh Vaidyanathan, Ph.D.

Dr. R. Muthucumaraswamy, Ph.D.

PA- BIO
Project .No:5

Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur (Taluk) - 602 117

Office of Dean (Research)


Utilization Certificate

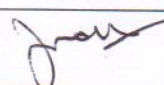
Certified that the sum of **Rs. 10000** ,Sanctioned for the project entitled "**Preparation and characterization of diosgenin-loaded liposome for drug delivery in breast cancer cells**" during the Academic Year 2021- 2022 of Grants – in-aid amount in favour of **Ms. Firdous Mujeeb**. The details of expenditure are as follows.

S.No	Particulars and Date	Amount (Rs.)
1	Diosgenin 512-04-9 Invoice Number: 1060 Date: 06-05-2022	8563
2	Kimtech Purple Nitrile Exam Gloves 9.5" Medium Invoice Number: SGLS2223232 Date: 07-06-2022	1328
3	FT-IR Analysis Invoice Number: 14044	200
	Total Amount	10,091


Total amount sanctioned **Rs.10000** Balance unspent money **Rs. Nil** of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Ms. Firdous Mujeeb	Biotechnology	M.Tech Biotechnology		21-07-21

S. No.	Project Guide Name	Department	Designation	Signature	Date
1	Mr. J. Hariharan	Biotechnology	Asst.Professor		21-07-21

Office use:

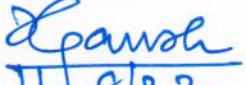

Dean (Research) verification
& Signature

Forwarded to Principal


(HOD/BIO)

Prof. E. NAKKEERIAN, M.Tech., Ph.D.
Professor & Head

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.


16/8/22
Prof.S. Ganesh Vaidyanathan. Ph.D

Utilization Certificate

Certified that the sum of Rs. 10,000/- sanctioned during the Academic Year 2021 - 2022 of Grants – in-aid amount in favour of Mr./Ms. G. Ratna Sabapathy The details of expenditure are as follows.

S.No.	Particulars and Date	Amount (Rs.)
1.	Cloud Scientific Solution 30-12-21 [Sodium Hydroxide (500g), Sodium Hypochlorite (100g), Ammonium chloride (500g), Acetic Acid (500g), Calcium chloride (500g)]	1,442.-
2.	Sudhagar Biologicals and chemicals 17-5-22 [Amberlite@ IRA 410 chloride form]	4,394.-
3.	SEM Analysis at Anna University 22/11/22 [HOD, Department of Chemical Engineering, AE Tech Campus]	2,360.-
	Total Amount	8,196.-

Total amount sanctioned Rs. 10,000/- Balance unspent money Rs. 1,804/- of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	G. Ratna Sabapathy	Chemical	P.G.	<i>[Signature]</i>	26/6/22
2					
3					
4					

S. No.	Project Guide Name	Department	Designation	Signature	Date
1	Dr. N. Meeyappan	Chemical.	Head of Department.	<i>[Signature]</i>	27/06/22
2					

Office use:
HOD *[Signature]* 16/8/22
Dr. N. MEYYAPPAN, M.E., Ph.D.
Professor & HOD
Department of Chemical Engineering

[Signature] 16/8/22
Forwarded to Principal
Prof. S. Ganesh Vaidyanathan, Ph.D.

[Signature] 5/7/2022
Dean (Research) verification & Signature

Office of Dean (Research)

Utilization Certificate

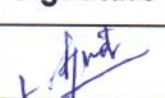
Certified that the sum of **Rs.10,000/-** sanctioned during the Academic Year 2021-22 of Grants – in-aid amount in favour of **Dr. R.Govindarasu**. The details of expenditure are as follows.

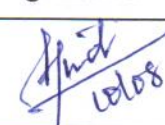
S. No.	Particulars and Date	Qty	Amount (Rs.)
1	Clavenger Apparatus complete set	1 No	7,552.00
2	pH Meter(Pen type)	1 No	2124.00
3	Digital stop watch	1 No	354.00
Total amount spent			10,030.00
Total amount unspent			NIL

Total amount sanctioned Rs 10,000/- (Ten thousand rupees only)

Balance unspent money Rs.NIL unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

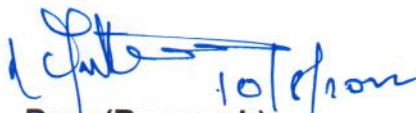
S. No.	Students Name	Department	Branch	Signature	Date
1	MADHUMITHA S	CHE	CHE		10.08.2022

S. No.	Project Guide Name	Department	Designation	Signature	Date
1	Dr.R.GOVINDARASU	CHE	Associate Professor		10.08.2022

Office use:


Signature of HOD

Dr.N.MEYYAPPAN, M.E, Ph.D.,
Professor & HOD
Department of Chemical Engineering
Sri Venkateswara College of Engineering
Post Bag No.1, Pennalur, Sriperumbudur Tk 602 117
Tamil Nadu INDIA.


Dean(Research)

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.


Principal

Prof.S. Ganesh Vaidyanathan, Ph.D
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117.
Tamilnadu State, India.


Utilization Certificate


Certified that the sum of Rs 10,000/- [Ten thousand only] sanctioned during the Academic Year 2021-2022 of Grants-in-aid amount in favour of Dr. R.Jayabhaduri, ASP/CS and Ms.Tenkayala Vasundhara. The details of expenditure are as follows:

S.No.	Particulars with Bill No. and Date	Amount (Rs.)
1	Toshiba MK5055GSX HDD2H21 HDD 500 GB [Micro Solutions & Systems, Invoice No. 191 Dt 07/12/2021]	4500
2	Installation Charges [Micro Solutions & Systems, Invoice No. 191 Dt 07/12/2021]	1000
3	TP-link N300 WiFi Wireless Router TL-WR845N 300Mbps Wi-Fi Speed (B01HGCLUH6) HSN:85175093 [Invoice Number :MAA4-1108471, 06.08.2022]	999
4	tinkRbox UNO R3 Board Starter Kit B09SBJ2B5P (IR-62) HSN:95030090 [Invoice Number :IN-171, 02.08.2022]	2,749
5	CableCreation USB C to HDMI Adapter 4K, Type C to HDMI Female Converter, B07G2MXPZG (CD0614) HSN:85369090 [Invoice Number : BOM7-131329 dated 27/07/2022]	952
	Total (in Rs.)	10,200

Total amount sanctioned Rs. 10,000/- Balance unspent money Rs .0/- of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Tenkayala Vasundhara	CSE	M.E. CSE		12/08/2022


S. No.	Name	Department	Designation	Signature	Date
1	Dr.R.Jayabhaduri	CSE	Asso Prof		12/08/2022

Office use:



Signature of HOD

Dr. R. ANITHA

HEAD OF THE DEPARTMENT


Dean (Research)

Dr. R. Muthucumaraswamy, Ph.D.
Dean (Research), Professor & Head
Department of Applied Mathematics


Principal

Prof. S. Ganesh Vaidyanathan, Ph.D.
Principal

Ph - INT
Proj. no: 9

**Sri Venkateswara College of Engineering,
Pennalur, Sriperumbudur (Taluk) - 602 117**

Office of Dean (Research)

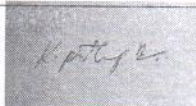
Utilization Certificate


Certified that the sum of Rs.9500/- (Rupees Nine Thousand Five Hundred Only) sanctioned during the Academic Year 2021-2022 of Grants – in-aid amount in favor of Dr C.Yaashuwanth The details of expenditure are as follows:

S.No.	Particulars with Bill No. and Date	Amount (Rs.)
1	IRIS Scanner BLR5-566896 and 06.09.2021	Rs 6696/-
2	Alpha Numeric Display LCD NDL7-954012 and 07.09.2021	Rs 744/-
3	Wifi IOT Development Board SLV5-958092 and 07.09.2021	Rs 539
4	Contactless Temperature Sensor BLR5-976896 and 09.09.2021	Rs 1550
	Total (in Rs.)	9529/-


Total amount sanctioned Rs.9500/- Nine thousand five hundred only Balance unspent money Rs. 0/- Zero only of unspent balance sum is also in the table.


I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	Mr K.Prathap Rane	Information Technology	M.E CSN		26.07.2022
2					
3					
4					

S. No.	Name	Department	Designation	Signature	Date
1	Dr.C.Yaashuwanth	Information Technology	Associate Professor		26.07.2022
2					

Office use


Signature of HOD
**Dr. V. Vidhya, M.E., Ph.D.,
Professor & Head**


Dean (Research)
Dr. R. Muthucumaraswamy, Ph.D.,


Principal
Prof. S. Ganesh Vaidyanathan, Ph.D

Utilization Certificate

Certified that the sum of Rs. 9500/- sanctioned during the Academic Year 2021-2022 of Grants – in-aid amount in favour of Dr/Mr./Ms. S.RIYAS The details of expenditure are as follows:

S.No.	Particulars with Bill No. and Date	Amount (Rs.)
1	Bread board,USB connector cable,Jumper wires and Arduino Board- Bill no.3108- 11/12/21	1593
2	20 kg Load cell(mini)- Invoice no. FA BUW02200002408- 04/01/22	299
3	NodeMCU- Invoice no. FA BEXF2200004260- 04/01/22	420
4	OLED 0.96inch- Invoice no. FA DXNC2200004236- 04/01/22	419
5	Load cell Bar 10kg- Invoice no. IN-3739- 09/06/22	385
6	Soldering Kit- Invoice no. SA-479-22/23- 16/06/22	153
7	Load cell platform table- Invoice no. IN-4415- 25/06/22	399
8	Calibration of Loadcell 20kg- Receipt no. 1550 - 01/07/22	1500
9	HX711 Loadcell module- Invoice no. QNEZ-7499- 09/07/22	199
10	NodeMCU 12E-- Invoice no. BOM5-645- 09/07/22	365
11	Jumper wires- Invoice no. BOM5-49717- 09/07/22	115
12	Load cell platform table- Order # SO018155- 09/07/22	443.40
13	Whole calibration of Load cell 10Kg- Bill no. 1558- 16/07/22	2500
Total (in Rs.)		8790.40

Total amount sanctioned Rs. 9500/- Balance unspent money Rs. 710/- of unspent balance sum is also in the table.

I Certify that I have satisfied the conditions on which the grants - in-aid was sanctioned.

S. No.	Students Name	Department	Branch	Signature	Date
1	RIYAS S	Mechanical Engineering	Mechatronics Engineering		23/07/22

S. No.	Name	Department	Designation	Signature	Date
1	Dr. S. Gopinath	MECH.	PROFESSOR		23/7/22
2					

Dr. R. Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602113.

Office use:

Dr. S. RAMESH
26/7/2022

Dr. R. Muthucumaraswamy
Dean (Research)

Principal
26/8/22



INTRAMURAL INNOVATIVE FINAL YEAR PG FUNDED PROJECTS

Academic Year 2021-2022

ANNEXURE - III


S. No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned	Amount spent (Balance)
1.	MTech BIO	Ms.V. Sowmiya	Augmenting vaccine efficacy by IL-2 encoded Lactobacillus casei as an adjuvant	Prof. M Sivanandham Visiting Professor and Secretary Dr .V. Sumitha, Associate Professor	Rs.10,000/-	Rs. 10,000 (NIL)
2.	MTech BIO	Ms. K. Dharshene	Molecular Docking and in Vitro Evaluation of Anti-microbial potential of Phytochemicals and Phytopeptides against food spoiling Microbes	Dr. K. Divakar Associate professor	Rs. 10,000/-	Rs. 10,000 (NIL)
3.	MTech BIO	Ms. T. Amrutha	Metagenomics analysis of Mobile Genetic Elements from Antimicrobial Resistance "Hot Spots" in Cooum River.	Dr. K. Divakar Associate professor	Rs.10,000/-	Rs. 10,000/- (NIL)
4.	MTech BIO	Ms. R.Nivedha	Synthesis, characterization and self-assembly of bionanosurfactants in biomedical applications	Dr. G. Karthigadevi Assistant Professor	Rs.10,000/-	Rs. 10,000/- (NIL)
5.	MTech BIO	Ms.Firdous Mujeeb	Preparation and characterization of diosgenin-loaded liposomes for drug delivery in breast cancer cells	Mr. J. Hariharan Assistant Professor	Rs.10,000/-	Rs. 10,000/- (NIL)
6.	MTech CHE	Mr G Ratna Sabapathy	Experimental studies for removal of arsenic in fertilizer industry effluent using packed bed column filled with Chitosan/Zeolite complex beads	Dr N Meyyappan Professor and Head	Rs.10,000/-	Rs.8196 (Rs.1804/-)

S. No	Course /Dept	Name of the Student	Title of the Project	Name of the supervisor with Designation	Amount Sanctioned	Amount spent (Balance)
7.	MTech CHE	Ms S Madhumitha	Investigation of variation of extraction methodology to infer the recovery performance of 1,8-cineole from Eucalyptus oil	Dr R Govindarasu Associate Professor	Rs. 10,000/-	Rs. 10,000/- (NIL)
8.	ME CSE	Tenkayala Vasundhara	Landmark Recognition using Transfer Learning	Dr. R.Jayabhaduri Associate Professor	Rs.10,000/-	Rs. 10,000/- (NIL)
9.	ME CSN (INT)	Mr Prathap Rane K	Automatic body temperature detection for COVID-19 precaution	Dr C Yaashuwanth Associate Professor	Rs.9500/-	Rs. 9500/- (NIL)
10.	ME MEC	Mr S Riyas	IoT based inventory monitoring system and detection of proper placement of products	Dr S Gopinath Professor	Rs. 9500/-	Rs.8790/- (Rs.710/-)
TOTAL					Rs. 99000	Rs. 96,486 (Rs.2514)


Total amount sanctioned: Rs. 99,000

Balance unspent money : Rs.2514

Total Amount Spent : Rs.96,486 (Ninety six thousand four hundred eighty six only)


Dr R Muthucumaraswamy
Dean (Research)

16/8/2022


Dr S Ganesh Vaidyanathan
Principal

Dr. R.Muthucumaraswamy, Ph.D.,
Dean (Research), Professor & Head
Department of Applied Mathematics
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur-602117.

Prof.S. Ganesh Vaidyanathan, Ph.D
Principal
Sri Venkateswara College of Engineering
Pennalur, Sriperumbudur Tk-602 117.
Tamilnadu State, India.