

DEPARTMENT OF BIOTECHNOLOGY

Project Batch List - 2021-22

Sl. No.	Batch No.	Student Group	USN	Project Title	Guide
1	1	R RAHUL	1SG18BT037	Microbial production of Polyhydroxy butyrate	Prof.Ramya D L
2		AVINASH K G	1SG18BT007		
3		PRAVEEN KUMAR T S	1SG18BT035		
4		DEERAJ J	1SG18BT017		
5	2	CHAITRA V S	1SG18BT013	Removal phosphorus from waste water using isolated bacterial strain	Prof. Kavya M V
6		MONISHA S	1SG18BT024		
7		YASHASWINI K	1SG18BT050		
8		BHARGAVI KRISHNA	1SG18BT010		
9	3	SHILPA S	1SG18BT044	Effect of anti-inflammatory Potential of <i>Santalum album L</i> on Periodontal disease progress in rat models	Dr Gouri mirji
10		POOJA YELLAPPA KARLANNAVAR	1SG18BT034		



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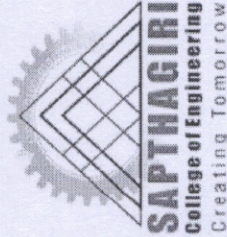
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14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

DEPARTMENT OF BIOTECHNOLOGY

Project Batch List - 2021-22

11	4	KANCHANA B K	1SG18BT021	Time Kill studies and antimicrobial of <i>Vinca rosea</i> leaf extract against pathogenic microbes	Dr. Shobha G
12		NISHA K	1SG18BT030		
13		MONIKA N	1SG18BT023		
14		SUMA K	1SG18BT046		
15	5	ANIKA ANJANA GOWDA	1SG18BT003	Detrmination of Antioxidant Activity of <i>Vetivoria Zizanioides</i> and <i>Centrathrum anthelminticum</i>	Dr. Chaithra B S
16		SAHANA SHEELI	1SG18BT041		
17	6	AVIKSHA SARIKA GOWDA	1SG18BT006	Optimization studies on isolation of protease enzyme catalytic activity on blood stain	Dr J.S S Allwin Ebinesar
18		CHAITRA U KABBUR	1SG18BT012		
19		RACHANA G	1SG18BT038		
20		ARUNA MOHAN	1SG18BT005		
21	7	RUTHWIK K SHETTY	1SG18BT039	Antiglycation activity of <i>Garcinia camogia</i>	Dr Veena S More
22		SANTHOSH G K	1SG18BT042		
23		SHARATH S TAVARKHED	1SG18BT043		
24		SRIRAM P BHAT	1SG18BT045		

**DEPARTMENT OF BIOTECHNOLOGY****Project Batch List - 2021-22**

25	8	N VAMSHI PRIYA	1SG18BT025	Identification of fermentation mediating mechanism carried out by naturally available yeast and commercially available yeast under aerobic conditions	Dr Allwin Ebinesar
26		BENITA S ROBIN	1SG18BT008		
27		CHINMAYI J	1SG18BT015		
28		CHITTOJU PRERANA	1SG18BT016		
29	9	NISARGA P	1SG18BT029	Aeroponics: Fabrication and Comparative study for sustainable agriculture in Drought region	Dr Gouri mirji
30		VAISHNAVI B L	1SG18BT047		
31		DIMPLE B H	1SG18BT019		
32		BRAMARI S SHETTY	1SG18BT010		
33	10	HARSHITHA P S	1SG18BT020	Comparative Analysis of 2D and 3D cell culture in Cancer cell line	Dr.Shobha G
34		NANCY YADAV	1SG18BT026		
35		NAYANIKA AISHWARYA	1SG18BT027		
36		VRUNDA A PATEL	1SG18BT049		
37	11	ABHINANDAN KANJIKAR	1SG18BT001	Production and characterization of Bioplastic from vegetable waste	Dr Soumya C
38		CHANDRAMOULI S	1SG18BT014		
39		KAUSHIK P M	1SG18BT022		
40		NISAR AHMED PARASAR	1SG18BT028		
41	12	AMRUTHA S	1SG18BT002	Fabrication of metal doped graphene based screen printed electrode for detection of glucose	Dr.Allwin Ebinesar J.S.S
42		BHAGYASHREE R	1SG18BT009		
43		VARSHA K	1SG18BT048		



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44	13	PREETHI H K	ISG18BT036	Isolation, identification and Characterization of Debittering enzymes from microbial source	Dr. Veena S More
4		SAHANA M	ISG18BT040		
46		POOJA S YADAV	ISG18BT033		
47		DIKSHITHA S	ISG18BT018		
48	13	POOJA R	ISG18BT032	Purification of textile effluent using Nano activated carbon synthesized from coconut shell	Prof.Ramya D L
49		POOJA D L	ISG18BT031		
50	14	ABHINAV BANARJI	ISG17BT001	Screening of Phytochemicals and Insilico approach through drug design of <i>Centella asiatica</i> to cure SARs COV-2	Dr Gouri mirji
51		AMBIKA	ISG17BT003		

Project Coordinator

HOD, BT
Head of the Department
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 Bengaluru - 560057

Visvesvaraya Technological University

"Jnana Sangama" Belgavi - 590014



A PROJECT REPORT ON

**"Microbial production of polyhydroxy butyrate
(PHB)"**

Submitted in partial fulfilment of Bachelor of Engineering degree in Biotechnology

Submitted by

Mr. Avinash K G	1SG18BT007
Mr. Dheeraj J	1SG18BT017
Mr. Praveenkumar T S	1SG18BT035
Mr. R Rahul	1SG18BT037

Under the Supervision of

Prof. RAMYA D L

Assistant Professor

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



DEPARTMENT OF BIOTECHNOLOGY

SAPTHAGIRI COLLEGE OF ENGINEERING

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For the academic year 2021-2022

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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to Certify that the Project Report entitled "Microbial production of polyhydroxy butyrate (PHB)" carried out by Mr. Avinash K G (1SG18BT007), Mr. Dheeraj J (1SG18BT017), Mr. Praveenkumar T S (1SG18BT035) and Mr. R Rahul (1SG18BT037) who are the bonafide students of Eighth Semester, dept of Biotechnology Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

25-Jul-2022
Prof. Ramya B L

(Project Guide)

Dr. Soumya C
(Project Coordinator)

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Head of the Department
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Sapthagiri College of Engineering
Dr. Veena S More
(Head of the Department)
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Dr. Ramakrishna H
(Principal)
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Bangalore-560 057

Name and Signature of Examiners

1.

2.

Visvesvaraya Technological University

"Jnana Sangama" Belgavi – 590014



A PROJECT REPORT ON

"Removal of phosphorus from wastewater using isolated bacterial strain"

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Ms. Bhargavi Krishna	1SG18BT010
Ms. Chaitra V S	1SG18BT013
Ms. Monisha S	1SG18BT024
Ms. Yashaswini K	1SG18BT050

Under the supervision of

KAVYA M V

Assistant Professor

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



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18/08/2022
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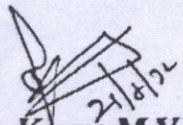
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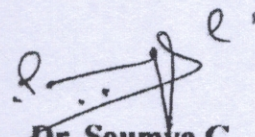


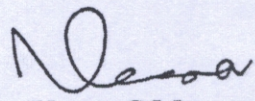
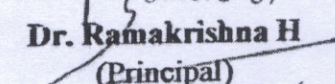
DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to Certify that the Project Report entitled "Removal of phosphorus from wastewater using isolated bacterial strain" carried out by Ms. Bhargavi Krishna (ISG18BT010), Ms. Chaitra V S (ISG18BT013), Ms. Monisha S (ISG18BT024) and Ms. Yashaswini K (ISG18BT050) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

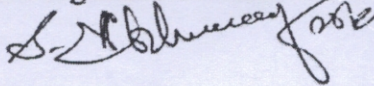
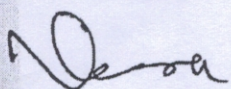

Kavya M V
(Project Guide)


Dr. Soumya C
(Project Coordinator)


Dr. Veena S More
(Head of The Department)
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Dr. Ramakrishna H
(Principal)

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Name and Signature of Examiners:

- 
- 


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Bangaluru - 560 057



A PROJECT REPORT ON

“Effect of Anti-Inflammatory Potential of *Santalum album L* on Periodontal Disease Prevention in Rat Models”

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Ms. SHILPA S 1SG18BT044

Ms. POOJA Y K 1SG18BT034

Under the Supervision of

Dr. GOURI MIRJI

Assistant Professor

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



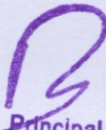
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SAPTHAGIRI COLLEGE OF ENGINEERING**

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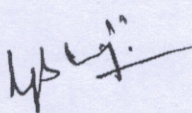
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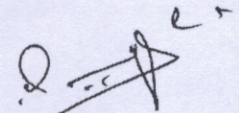


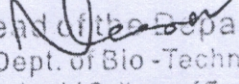
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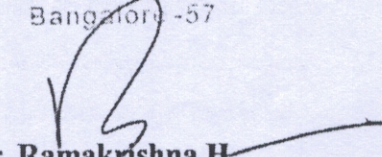
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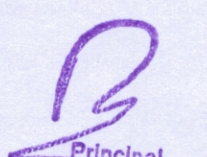
This is to Certify that the Project Report entitled “Effect of Anti-inflammatory Potential of *Santalum album L* on Periodontal Disease Prevention in Rat Models” carried out by Ms. Shilpa S (1SG18BT044) and Ms. Pooja Y K (1SG18BT034) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.


Dr. Gouri Mirji
(Project Guide)

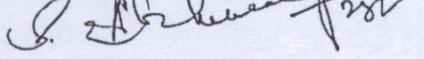
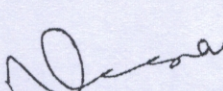

Dr. Soumya C
(Project Coordinator)


Head of the Department
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Dr. Ramakrishna H
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Principal


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Bangalore - 560057

Name and Signature of Examiners

- 
- 

Date:



A PROJECT REPORT ON

"Time Kill Studies and Antimicrobial of *Vinca rosea* leaf Extracts against Pathogenic Microbes"

Submitted in partial Fulfillment of Bachelor of engineering degree in Biotechnology

Submitted by

Ms. Kanchana B K	1SG18BT021
Ms. Monika M	1SG18BT023
Ms. Nisha K	1SG18BT030
Ms. Suma K	1SG18BT046

Under the supervision of

DR. SHOBHA G

Assistant professor

Department of biotechnology

Sapthagiri college of engineering

Submitted to



**DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING**

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For the academic year 2021-2022

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CERTIFICATE

This is to Certify that the Project Report entitled "Time Kill Studies and Antimicrobial of *Vinca rosea* leaf Extracts against Pathogenic Microbes" carried out by Ms. Kanchana BK (1SG18BT021), Ms. Monika M (1SG18BT023) , Ms. Nisha K (1SG18BT030) and Ms. Suma K (1SG18BT046) are the bonafide students of eighth semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/ suggestions indicated for Internal Assessment have being incorporated in the Report deposited in the departmental library. The project report as been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

Dr. Shobha G
(Project Guide)

28/7/22

Dr. Soumya C
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Head of the Department
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Dr. Ramakrishna H
(Principal)
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Bangalore- 560 057

Name and signature of Examiners

1.

2.

Determination of Antioxidant Activity of *Vetiveria zizanioides* and *Convolvulus prostratus*

Visvesvaraya Technological University

"Jnana Sangama" Belgavi - 590014



A PROJECT REPORT ON

**"Determination of Antioxidant Activity of
Vetiveria zizanioides and *Convolvulus prostratus*"**

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Ms. Anika Anjana Gowda

1SG18BT003

Ms. Sahana Sheeli

1SG18BT041

Under the Supervision of

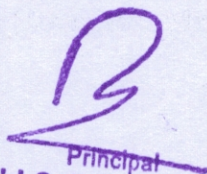
Dr. CHAITRA B S

Assistant Professor

Department of Biotechnology

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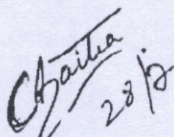
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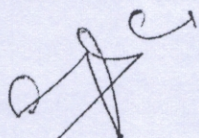


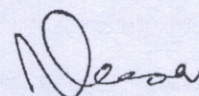
DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to Certify that the Project Report entitled "Determination of Antioxidant Activity of *Vetiveria Zizanioides* and *Convolvulus prostratus*" carried out by Ms. Anika Anjana Gowda (1SG18BT003) and Ms. Sahana sheeli (1SG18BT041) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

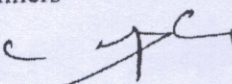
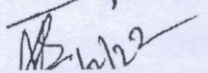

Dr. Chaitra B S
(Project Guide)

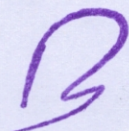

Dr. Soumya C
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Dr. Veena S More
(Head of The Department)
Head of the Department
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Name and Signature of Examiners

1. Dr. Soumya C 
2. Dr. Shobha G 


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Optimisation studies on isolation of protease enzyme-catalytic activity on blood stain

Visvesvaraya Technological University

“Jnana Sangama” Belgavi – 590014



A PROJECT REPORT ON
“Optimisation studies on isolation of protease enzyme-catalytic activity on blood stain”

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

ARUNA MOHAN -1SG18BT005

AVIKSHA SARIKA GOWDA -1SG18BT006

CHAITRA U KABBUR -1SG18BT012

RACHANA G -1SG18BT038

Under the Supervision of

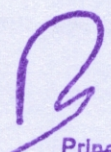
Dr. J. S. S. ALLWIN EBINESAR Ph.D (IISc)

Associate Professor

Department of Biotechnology

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Optimisation studies on Isolation of protease enzyme-catalytic activity on blood stain

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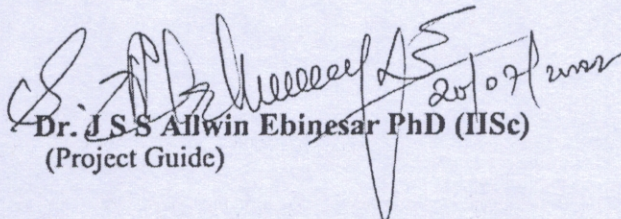
14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka-560057

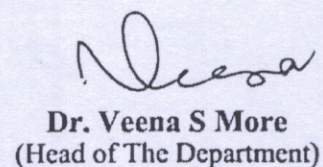


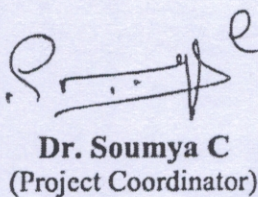
DEPARTMENT OF BIOTECHNOLOGY

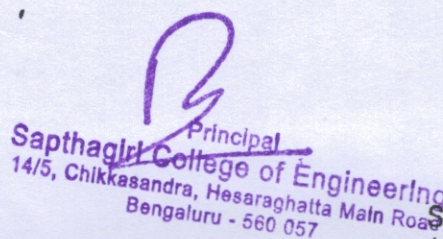
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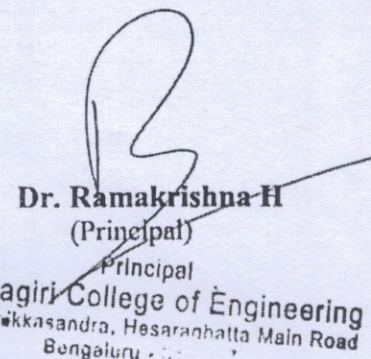
This is to certify that the Project Report entitled "Optimisation studies on isolation of protease enzyme-catalytic activity on blood stain" carried out by Ms. Aruna Mohan (ISG18BT005), Ms. Aviksha Sarika Gowda (ISG18BT006), Ms. Chaitra U Kabbur (ISG18BT012) and Ms. Rachana G (ISG18BT038) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.


Dr. J S S Adwin Ebinesar PhD (IISc)
(Project Guide)

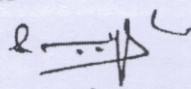
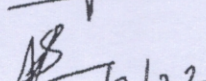

Dr. Veena S More
(Head of The Department)


Dr. Soumya C
(Project Coordinator)


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14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057


Dr. Ramakrishna H
(Principal)
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Bengaluru - 560 057

Name and Signature of Examiners

1. Dr. Soumya C 
2. Dr. Shobha G 





A PROJECT REPORT ON

"ANTI-GLYCATION ACTIVITY OF *Garcinia cambogia*"

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Mr. Ruthwik K Shetty	1SG18BT039
Mr. Santhosh G K	1SG18BT042
Mr. Sharat S Tavarkhed	1SG18BT043
Mr. Srirama P Bhat	1SG18BT045

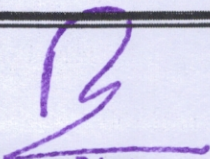
Under the Supervision of

Dr. VEENA S MORE
Head of the Department
Department of Biotechnology
Sapthagiri College of Engineering

Submitted to



DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57
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KARNATAKA, INDIA
2021-2022


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Bengaluru - 560 057



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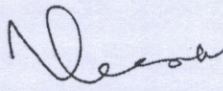
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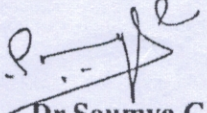
#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057

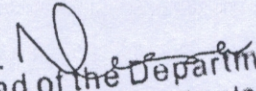
DEPARTMENT OF BIOTECHNOLOGY

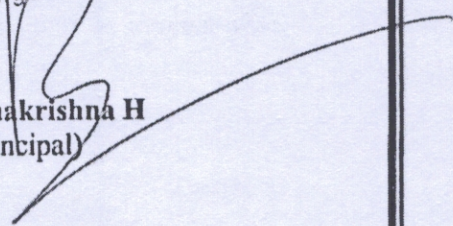
CERTIFICATE

This is to Certify that the Project Report entitled "Anti-Glycation Activity of *Garcinia cambogia*" carried out by Mr. Ruthwik K Shetty (1SG18BT039), Mr. Santhosh G K (1SG18BT042), Mr. Sharat S Tavarkhed (1SG18BT043), and Mr. Srirama P Bhat (1SG18BT045) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

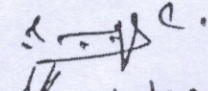
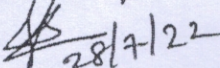

Dr. Veena S More
(Project Guide)



Dr. Soumya C
(Project Coordinator)


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(Head of the Department)
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Dr. Ramakrishna H
(Principal)

Name and Signature of Examiners

1. Dr. Soumya C 
2. Dr. Shobha G  28/7/22


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Bengaluru - 560 057

Visvesvaraya Technological University

"Jnana Sangama" Belagavi – 590014



A PROJECT REPORT ON

"Identification of fermentation mediating mechanism carried out by naturally available yeast (NAY) and commercially available yeast (CAY) under aerobic conditions"

Submitted in partial fulfilment of Bachelor of Engineering degree in Biotechnology

Submitted by

Benita S Robin 1SG18BT008

Chinmayi J 1SG18BT015

Chittoju Prerana 1SG18BT016

N Vamshi Priya 1SG18BT025

Under the Supervision of

Dr. J S S Allwin Ebinesar PhD (IISc)

Associate Professor

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



DEPARTMENT OF BIOTECHNOLOGY

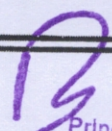
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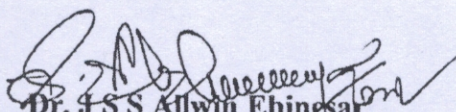
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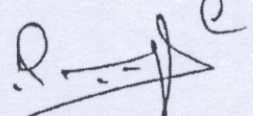


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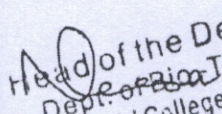
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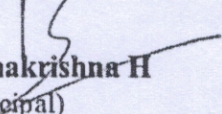
This is to Certify that the Project Report entitled "Identification of fermentation mediating mechanism carried out by naturally available yeast (NAY) and commercially available yeast (CAY) under aerobic conditions" carried out by Ms. Benita S Robin (1SG18BT008), Ms. Chinmayi J (1SG18BT015), Ms. Chittoju Prerana (1SG18BT016), Ms. N Vamshi Priya (1SG18BT025) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.


Dr. J S S Allwin Ebinesar
(Project Guide)


Dr. Soumya C
(Project Coordinator)

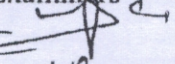
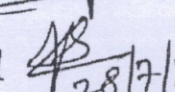

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Head of the Department
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Dr. Ramakrishna H
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Principal

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Bangalore-560 057

Name and Signature of Examiners

1. Dr. Soumya C 
 2. Dr. Shobha 
- 28/7/22





A PROJECT REPORT ON

“Aeroponics: Fabrication and Comparative Study for Sustainable Agriculture in Drought Region”

Submitted in partial fulfillment of Bachelor of Engineering degree Biotechnology

Submitted by

Ms. Bramari A shetty	1SG18BT011
Ms. Dimple B H	1SG18BT019
Ms. Nisarga P	1SG18BT029
Ms. Vaishnavi B L	1SG18BT047

Under the Supervision of

Dr. GOURI MIRJI

Assistant Professor

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



DEPARTMENT OF BIOTECHNOLOGY

SAPTHAGIRI COLLEGE OF ENGINEERING

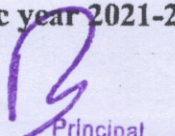
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For the academic year 2021-2022

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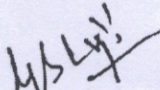

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Sapthagiri College of Engineering
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Bengaluru - 560 057

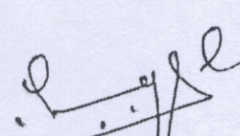


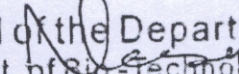
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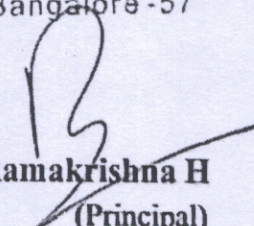
CERTIFICATE

This is to Certify that the Project Report entitled “Aeroponics: Fabrication And Comparative Study For Sustainable Agriculture In Drought Region ” carried out by Ms. Bramari A shetty (1SG18BT011), Ms. Dimple BH (1SG18BT019), Ms. Nisarga P (1SG18BT029) and Ms. Vaishnavi BL (1SG18BT047) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

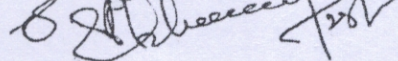
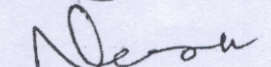
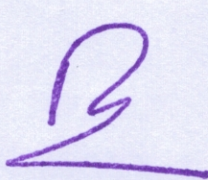

Dr. Gouri Mirji
(Project Guide)


Dr. Soumya C
(Project Coordinator)


Head of the Department
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Dr. Ramakrishna H
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Bangalore-560 057

Name and Signature of Examiners

- 
1.
 - 
2.
- 
Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bengaluru - 560 057



A PROJECT REPORT ON

“COMPARATIVE ASSAY OF 2D AND 3D CELL CULTURE IN CANCER CELL LINE”

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Ms. HARSHITHA P S	1SG18BT020
Ms. NANCY YADAV	1SG18BT026
Ms. NAYANIKA AISHWARYA	1SG18BT027
Ms. VRUNDA PATEL	1SG18BT049

Under the Supervision of

Dr. SHOBHA G
Assistant Professor
Department of Biotechnology
Sapthagiri College of Engineering

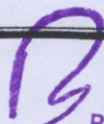
Submitted To



DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka-560057

For the academic year 2020-2021


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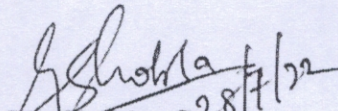
14/5, Hesarghatta Main Road, Chikkasandra, Jalalahalli West, Bengaluru, Karnataka-560057

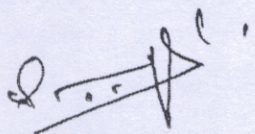


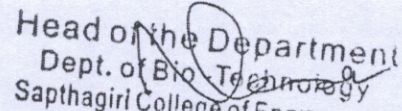
DEPARTMENT OF BIOTECHNOLOGY

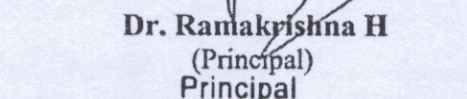
CERTIFICATE

This is to Certify that the Project Report entitled "Comparative Assay of 2D and 3D Cell Culture in Cancer Cell Lines" carried out by Ms. Harshitha P S (1SG18BT020), Ms. Nancy Yadav (1SG18BT026), Ms. Nayanika Aishwarya (1SG18BT027), and Ms. Vrunda A Patel (1SG18BT049) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2020-2021. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

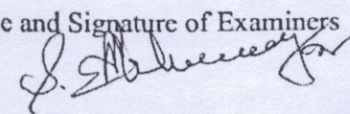
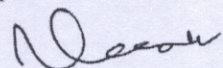

Dr. Shobha G
(Project Guide)

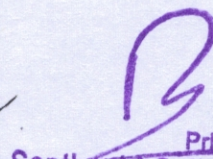

Dr. Soumya C
(Project Coordinator)


Head of the Department
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Sapthagiri College of Engineering
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Dr. Ramakrishna H
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Name and Signature of Examiners

1. 
2. 


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14/5, Chikkasandra, Hesarghatta Main Road
Bengaluru - 560 057

Visvesvaraya Technological University

"Jnana Sangama" Belgaum – 590014



A Project Report on

“Production and characterization of Bioplastic from Vegetable waste”

Submitted in partial fulfilment of Bachelor of Engineering degree in Biotechnology

Submitted By

Abhinandan Kanjekar	1SG18BT001
Kaushik P M	1SG18BT022
Chandramouli S	1SG18BT014
Nisar Ahmed Parsar	1SG18BT028

Under the Supervision of

Dr. Soumya C

Assistant Professor, Department of Biotechnology

Submitted to



DEPARTMENT OF BIOTECHNOLOGY

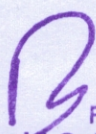
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For the academic year 2021-2022


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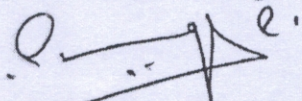
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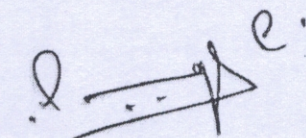


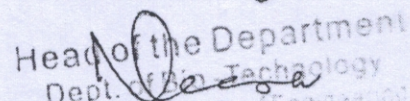
Department of Biotechnology

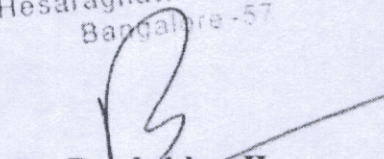
CERTIFICATE

This is to Certify that the Project Report entitled "Production and characterization of Bioplastic from Vegetable waste" carried out by Abhinandan Kanjekar (ISG18BT001), Chandramouli S (ISG18BT014), Kaushik PM (ISG18BT022) and Nisar Ahmed Parasar (ISG18BT028) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfilment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.


Dr. Soumya C
(Project guide)


Dr. Soumya C
(Project Coordinator)

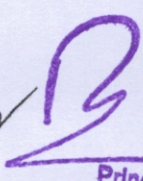

Head of the Department
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(Head of the Department)
Hesaraghatta Main Road
Bangalore-57


Dr. Ramkrishna H
(Principal)
Principal

Sapthagiri College of Engineering
Chikkasandra, Hesarghatta Road
Bangalore-560 057

Name and Signature of Examiners

- 1.
- 2.


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Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
Bangaluru - 560 057

Visvesvaraya Technological University
"Juana Sangama" Belagavi – 590014



A PROJECT REPORT ON

**"Fabrication of metal doped graphene-based screen-printed electrode
for detection of glucose"**

Submitted in partial fulfilment of Bachelor of Engineering degree in Biotechnology

Submitted by

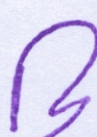
Ms. Amrutha. S 1SG18BT002
Ms. Bhagyashree. R 1SG18BT009
Ms. Varsha. K 1SG18BT048

Under the Supervision of

Dr. J.S.S. ALLWIN EBINESAR Ph.D (IISc)
Associate Professor
Department of Biotechnology
Sapthagiri College of Engineering

Submitted To




Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesarghatta Main Road
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DEPARTMENT OF BIOTECHNOLOGY
SAPTHAGIRI COLLEGE OF ENGINEERING

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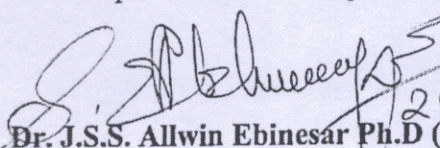
For the academic year 2021-2022

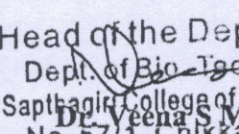


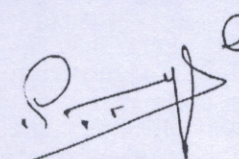
DEPARTMENT OF BIOTECHNOLOGY

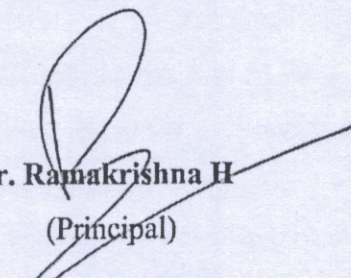
CERTIFICATE

This is to certify that the Project Report entitled "*Fabrication of metal doped graphene-based screen-printed electrode for detection of glucose*" carried out by Ms. Amrutha. S (1SG18BT002), Ms. Bhagyashree. R (1SG18BT009) and Ms. Varsha. K (1SG18BT048) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree


Dr. J.S.S. Allwin Ebinesar Ph.D (IISc)
(Project Guide)

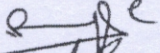
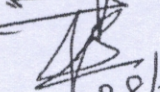

Dr. Veena S. More
Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57


Dr. Soumya C
(Project Coordinator)


Dr. Ramakrishna H
(Principal)

Name and Signature of the Examiners

Date 28/7/22.

1. Dr. Soumya C  28/7/22
2. Dr. Shobha. G  28/7/22.



A PROJECT REPORT ON

**"ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF
DEBITTERING ENZYME FROM MICROBIAL SOURCE"**

**Submitted in partial fulfillment of Bachelor of Engineering degree in
Biotechnology**

Submitted by:

DIKSHITHA S 1SG18BT018

POOJA S YADAV 1SG18BT033

PREETHI HK 1SG18BT036

SAHANA M 1SG18BT040

Under the Supervision of:

Dr. VEENA S MORE

Professor & Head Of the Department

Department of Biotechnology

Sapthagiri College of Engineering

Submitted to:



DEPARTMENT OF BIOTECHNOLOGY

SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

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KARNATAKA, INDIA

JUNE 2022

SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka-560057



DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to Certify that the Project Report entitled "ISOLATION, IDENTIFICATION AND CHARACTERIZATION OF DEBITTERING ENZYME FROM MICROBIAL SOURCE" carried out by Ms. Dikshitha S (1SG18BT018), Ms. Pooja S Yadav (1SG18BT033), Ms. Preethi HK (1SG18BT036) and Sahana M (1SG18BT040) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.

Dr. Veena S More
(Project Guide)

Dr. Soumya C
(Project Coordinator)

Dr. Veena S More
(Head of the Department)
Dept. of Bio - Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore - 57

Dr. Ramakrishna H
(Principal)
Principal

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road,
Bangalore-560 057

Name and Signature of Examiners

1. Dr. Soumya C

2. Dr. Shobha G.

28/7/22



A PROJECT REPORT ON

**“PURIFICATION OF TEXTILE EFFLUENT USING
NANO ACTIVATED CARBON SYNTHESISED FROM
COCONUT SHELL”**

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

Ms. POOJA R 1SG18BT032

Ms. POOJA D L 1SG18BT031

Under the Supervision of

Prof. RAMYA D L

Assistant Professor
Department of Biotechnology
Sapthagiri College of Engineering

Submitted To



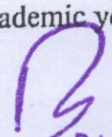
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14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka-560057

For the academic year 2021-2022


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Bengaluru - 560 057

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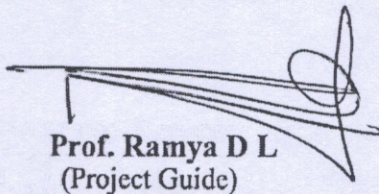
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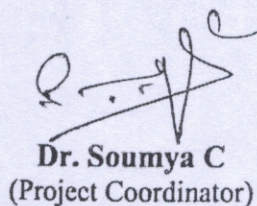


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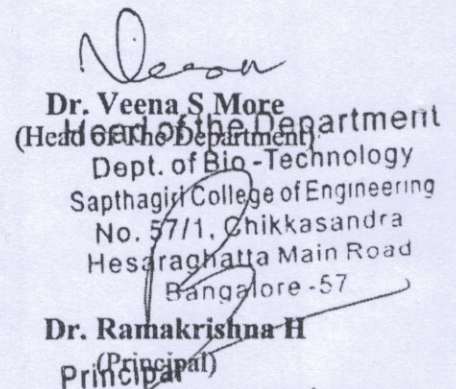
CERTIFICATE

This is to Certify that the Project Report entitled "PURIFICATION OF TEXTILE EFFLUENT USING NANO ACTIVATED CARBON SYNTHESISED FROM COCONUT SHELL" carried out by Ms. Pooja R (1SG18BT032) and Ms. Pooja D L (1SG18BT031) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.


Prof. Ramya D L
(Project Guide)


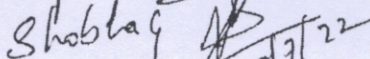

Dr. Soumya C
(Project Coordinator)


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Dr. Veena S More
(Head of the Department)
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Bangalore - 57
Dr. Ramakrishna H
(Principal)

Sapthagiri College of Engineering
Chikkasandra, Hesarghatta Road
Bangalore - 560 057
Date: 28/7/22

Name and Signature of Examiners

1. Dr. Soumya C 
2. Dr. Shobha 



A PROJECT REPORT ON

**"Screening of Phytochemicals and In Silico Approach Through Drug
Design of *Centella asiatica* to cure SAR's-CoV-2"**

Submitted in partial fulfillment of Bachelor of Engineering degree in Biotechnology

Submitted by

ABHINAV BANERJEE USN:1SG17BT001

AMBIKA.R USN:1SG17BT003

Under the Supervision of

Dr.Gouri Mirji

Assistant Professor,

Department of Biotechnology

Sapthagiri College of Engineering

Submitted To



DEPARTMENT OF BIOTECHNOLOGY

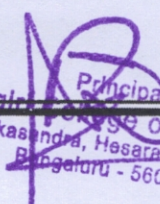
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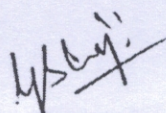
14/5, Hesarghatta Main Road, Chikkasandra, Jalahalli West, Bengaluru, Karnataka-560057

For the academic year 2021-2022


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Bengaluru - 560 057

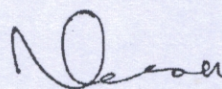
CERTIFICATE

This is to Certify that the Project Report entitled "Screening of Phytochemicals and In silico Approach through Drug Design of *Centella asiatica* to cure SARS-CoV-2," carried out by Abhinav Banerjee (1SG17BT001) and Ambika.R (1SG17BT003) are the bonafide students of Eighth Semester, Sapthagiri College of Engineering in partial fulfillment for the award of Bachelor of Engineering in Biotechnology of Visvesvaraya Technological University, Belagavi during the academic year 2021-2022. It is certified that all corrections/suggestions indicated for Internal Assessment have been incorporated in the Report deposited in the departmental library. The project report has been approved as it satisfies the academic requirements with respect to Project work prescribed for the said Degree.



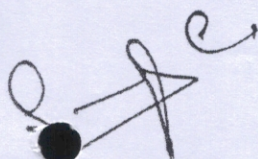
Dr. Gouri Mirji

(Project Guide)



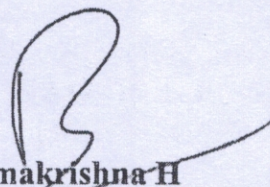
Dr. Veena S More

(Head of The Department)



Dr. Soumya C

(Project Coordinator)


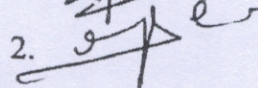


Dr. Ramakrishna H

(Principal)

Sapthagiri College of Engineering
Chikkasandra, Hesaraghatta Road
Bangalore- 560 057

Name and Signature of Examiners

1. 
2. 



Principal
Sapthagiri College of Engineering
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