



2022-2023

**SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57**  
 (Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)  
 #14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057  
 Web: [www.sapthagiri.edu.in](http://www.sapthagiri.edu.in), Email: [principal@sapthagiri.edu.in](mailto:principal@sapthagiri.edu.in),  
 Phone: 080-28 372800/1/2 Fax: 080-28 372797  
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**DEPARTMENT OF BIOTECHNOLOGY**

**4th Year Project Batch List ( Academic Year :2022-2023 )**

Sl.No	Batch No	USN No	Student Group	Guide	Project Title
1	BT-01	1SG19BT001	AASIMA RIZWANA Y M	Prof. Kavya MV	Green inhibitor Incorporated poly lactic acid for corrosion inhibition
2		1SG19BT010	CHERUKURI DHARA		
3		1SG19BT019	MEGHASHREE D		
4		1SG19BT040	VEDHASHREE M		
5	BT-02	1SG19BT002	ABHISHEK HAZRA	Dr. Chaitra BS	Green synthesis of Carbon nanodots by microwave assisted pyrolysis method
6		1SG19BT003	ALOVILI SOM		
7		1SG19BT006	ANUSHKA AJAY SONONE		
8	BT-03	1SG19BT004	AMRUTH C SEKHAR	Dr Soumya C	Biosynthesis Of Silver Nanoparticles Using <i>Citrullus lanatus</i> And Their Antibacterial And Antiproliferative Activity Against Lung Cancer Cells
9		1SG19BT012	DUSHYANTH J		
10		1SG19BT015	IRAM AHMED		
11		1SG19BT020	MOHAMMED SAQIB		
12	BT-04	1SG19BT005	AMULYA SM	Dr Soumya C	Screening of Bioactive Components from Endophytic fungi using plant source
13		1SG19BT034	SPANDANA IYER		
14		1SG19BT014	HARSSHITHA JK		
15		1SG19BT037	VAISHNAVI R		
16	BT-05	1SG19BT008	BHARATH KUMAR N	Dr Ramya DL	Studies on removal of dyes and efficiency of

Signature of Project Coordinator

Principal  
 Sapthagiri College of Engineering  
 14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-57

Head of the Department  
 Dept. of Biotechnology  
 Sapthagiri College of Engineering  
 No. 57/1, Chikkasandra, Hesaraghatta Main Road, Bengaluru-57

Signature of HOD, BT





2022-2023

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**DEPARTMENT OF BIOTECHNOLOGY**

**4th Year Project Batch List ( Academic Year :2022-2023 )**

17		1SG19BT028	S K VISHAL		desalination - isomorphous substituted nanoparticles
18		1SG19BT032	SOUJANYA S		
19		1SG19BT029	SANJAY K		
20	BT-06	1SG19BT009	BHAVANA N	Dr. Veena S More	Isolation and characterization of Bio surfactant producing bacteria from garbage soil
21		1SG19BT013	HARSHITHA R		
22		1SG19BT017	KEERTHANA S		
23		1SG19BT041	VIDYASHREE J		
24	BT-07	1SG19BT011	DEEPTHI K	Dr. Veena S More	Computational drug discovery -Drug prediction using regression model
25		1SG19BT021	NIKITHA L		
26		1SG19BT031	SNEHA D J		
27		1SG19BT035	SURAJ PRATAP SINGH		
28	BT-08	1SG19BT016	JANANI SRIDHARAN	Prof. Ramya DL	Activity of pomegranate extract against dermatophytes
29		1SG19BT023	P SOWJANYAA		
30		1SG19BT038	VANDANA V		
31		1SG19BT044	PALLAVI G		
32	BT-09	1SG19BT018	KEERTHI REDDY S	Dr. Shobha G	Evaluation of Antihistamine Activity in the plant extract Nasturtium officinale
33		1SG19BT025	PALLAVI GOWDA J		
34		1SG19BT027	ROHINI B N		

Signature of Project Coordinator

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

Head of the Department  
 Dept. of Bio-Technology  
 Sapthagiri College of Engineering  
 14/5, Chikkasandra, Hesaraghatta Main Road  
 Bengaluru - 560 057  
 Signature of HOD, BT





2022-2023

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**4th Year Project Batch List ( Academic Year :2022-2023 )**

35		1SG19BT043	YASHASWINI B R		
36	BT-10	1SG19BT022	NITYASHREE	Dr. Gouri Mirji	Green synthesis of silver nanoparticle Using Nasturtium Officinale .
37		1SG19BT024	PADMINI MURUGESH SINGH		
38		1SG19BT036	TANUSHKA MANTRI		
39		1SG19BT042	YASHAS L		
40	BT-11	1SG19BT026	PUNITKUMAR MATH	Dr. Chaitra BS	Synthesis and characterization of nanoparticle for next generation applications
41		1SG19BT030	SHRINKHALA SRIVASTAVA		
42		1SG19BT033	SOUKARYA RAHA		
43		1SG19BT039	VARSHA C		

Signature of Project Coordinator

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

  
 Head of the Department  
 Dept. of Bio-Technology  
 Sapthagiri College of Engineering  
 No. 57/1, Chikkasandra  
 Hesaraghatta Main Road  
 Bengaluru - 560 057





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**DEPARTMENT OF BIOTECHNOLOGY**

**CERTIFICATE**

It is to certify that Ms. Aasima Rizwana Y M (ISG19BT001), Ms. Cherukuri. Dhara (ISG19BT0010), Ms. Meghashree D (ISG17BT019), and Ms. Vedhashree M (ISG19BT040) are Bonafide students of Sapthagiri College of Engineering Bengaluru 560-057 have successfully completed Project entitled "GREEN INHIBITOR INCORPORATED LACTIC ACID FOR CORROSION INHIBITION" under the guidance of Prof. Kavya during the year 2022-2023.

Signature of the Guide

Signature of the Major  
Project Coordinator

Signature of the  
HOD

Head of the Department  
Dept. of Bio-Technology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bengaluru -57

Signature of the  
PRINCIPAL

Principal

Sapthagiri College of Engineering

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

Signature of the  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

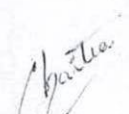


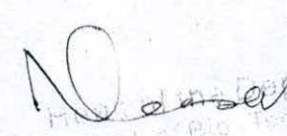


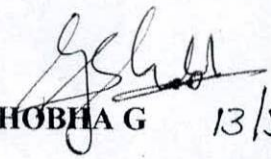
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057  
DEPARTMENT OF BIOTECHNOLOGY


## CERTIFICATE

This is to certify that **Mr. ABHISHEK HAZRA (1SG19BT002), Ms. ALOVILI SOM (1SG19BT003), Ms. ANUSHKA AJAY SONONE (1SG19BT006)** who are bonafide students of Sapthagiri College of Engineering, Bengaluru -57 have successfully completed Major Project entitled **"GREEN SYNTHESIS OF CARBON NANO DOTS THROUGH MICROWAVE - ASSISTED PYROLYSIS METHOD"** under the guidance of **Dr. CHAITRA B S**, Assistant Professor, Department of Biotechnology, 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 2022-2023. 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. VEENA S MORE**  
(Head of the Department)


  
**Dr. SHOBHA G**  
(Project Coordinator)

  
**Dr. RAMAKRISHNA H**  
(Principal)

Extend :-

  
22/5/23

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

  
Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta  
Bengaluru- 560 057



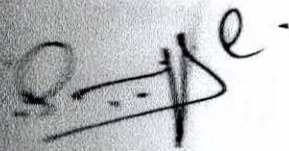
KARNATAKA, INDIA

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**SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57**  
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057  
KARNATAKA, INDIA


DEPARTMENT OF BIOTECHNOLOGY

## CERTIFICATE

This is to certify that Mr. Amruth C Sekhar (ISG19BT004), Mr. Dushyanth J (ISG19BT012), Mr. Ivan Ahmed (ISG19BT015), Mr. Mohammed Saqib (ISG19BT020) who are bonafide students of Saphthagiri College of Engineering, Bengaluru - 57 have successfully completed Project entitled "Synthesis of silver nanoparticles using *Citrullus lanatus* and their antibacterial and antiproliferative activity against lung cancer cells" under the guidance of Dr. Soumya C during the year 2022-2023.


  
Signature of  
the Guide

  
Signature of the  
Project Coordinator

  
Signature of  
the HOD

  
Signature of  
the Principal

Head of the Department  
Dept. of Bio-Technology, Saphthagiri College of Engineering  
Saphthagiri College of Engineering, Chikkasandra, Hesaraghatta Road  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bengaluru - 560 057

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

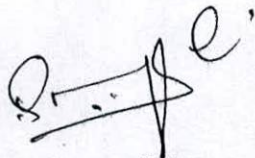


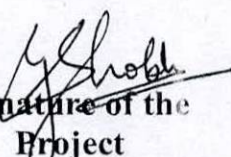


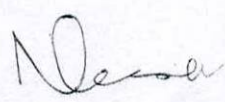
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**DEPARTMENT OF BIOTECHNOLOGY**


## CERTIFICATE

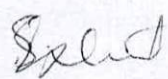
This is to certify that **Ms. Amulya S M (1SG19BT005), Ms. Harsshitha JK (1SG19BT014), Ms. Spandana Iyer (1SG19BT034), Ms. Vaishnavi R (1SG19BT037)** who is a bonafide student of Sapthagiri College of Engineering Bengaluru -57 has successfully completed Project entitled **“Screening of bioactive compounds from Endophytic fungi and using plant source”** under the guidance of **Dr. Soumya C** during the year 2022-2023.

  
Signature of the  
Guide

  
Signature of the  
Project  
Coordinator

  
Signature of the  
HOD

  
Signature of the  
Principal

  
Rpt + Sy 23/12/23  
S. R. R. S.

Head, Department of Biotechnology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bengaluru - 560 057

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



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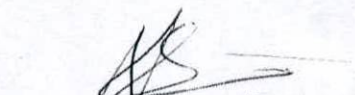


## **CERTIFICATE**

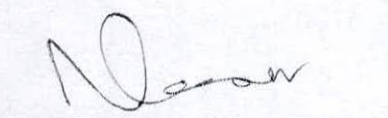
This is to certify that **Mr. BHARATH KUMAR N(1SG19BT008), Mr. S K VISHAL(1SG19BT028), Mr. SANJAY K(1SG19BT029), Ms. SOUJANYA. S (1SG19BT032)** who are a bona fide student of Sapthagiri College of Engineering, Bengaluru - 57 has successfully completed their major project entitled **"STUDIES ON REMOVAL OF DYES - ISOMORPHOUS SUBSTITUTION OF NANOPARTICLES"** under the guidance of **Dr. J S S ALLWIN EBINESAR** and **Prof. RAMYA D L** towards the partial fulfilment for the award of Bachelor of Engineering in Biotechnology as laid down by Visvesvaraya Technological University (VTU), Belagavi during the year 2022-2023.



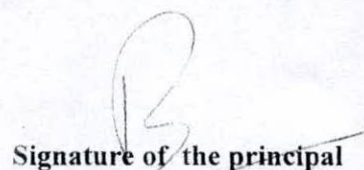
**Signature of the Guide**



**Signature of the Project Coordinator**



**Signature of the HOD**  
Head of the Department  
Dept. of Bio-Technology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bengaluru - 57



**Signature of the principal**

*Examin*  
*Rpt by*  
*22/5/20*  
*Sh RWS*



**Principal**

**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057





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DEPARTMENT OF BIOTECHNOLOGY

## CERTIFICATE

This is to certify that Ms. VIDYASHREE J(1SG19BT041), Ms. KEERTHANA S (1SG19BT017), Ms. HARSHITHA R(1SG19BT013), Ms. BHAVANA N(1SG19BT009) who are bonafide students of Sapthagiri College of Engineering, Bengaluru-57 has successfully completed their Project entitled "ISOLATION AND CHARACTERIZATION OF BIOSURFACTANT PRODUCING BACTERIA FROM GARBAGE SOIL" under the guidance of Dr. Veena S More towards the partial fulfilment for the award of Bachelor of Engineering in Biotechnology as laid down by Visvesvaraya Technological University (VTU), Belagavi during the year 2022-2023.

Signature of Research  
Supervisor

  
12/5/2023

Signature of Project  
Coordinator

Signature of HOD, BT  
Head of the Department  
Dept. of Bio-Technology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bangalore -57

  
13/5

SIGNATURE OF  
PRINCIPAL  
Principal  
Sapthagiri College of Engineering  
Chikkasandra, Hesaraghatta Road,  
Bangalore-560 057

Extend

  
23/5/23  
SV MVI

Principal  
Sapthagiri College of Engineering  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bangalore - 560-057





**Sri Srinivas Educational & Charitable Trust.**  
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#14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru- 560 057.  
**DEPARTMENT OF BIOTECHNOLOGY**

## CERTIFICATE

This is to certify that **Ms. Deepthi.K.(1SG19BT011), Ms. Nikitha. L (1SG19BT021), and Ms. Sneha. D.J (1SG19BT031), and Mr. Suraj Pratap Singh (1SG19BT035)** who are bonafide students of Sapthagiri College of Engineering Bengaluru -57 have successfully completed Project entitled **“COMPUTATIONAL DRUG DISCOVERY – DRUG PREDICTION USING REGRESSION MODEL”** under the guidance of Professor **Dr. Veena S More, Department of Biotechnology and Prof. Madhushree, Department of Computer Science and Engineering** during the year 2022-2023.

**Signature of the  
Guide**

**Signature of the  
Project  
Coordinator**

**Signature of the**

**HOD**

Head of the Department of  
Dept. of Bio-Technology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bengaluru - 57

**Signature of the  
Principal**

Extend  
Report by 23/5/23  
Sr MVST

**Principal**

**Sapthagiri College of Engineering**  
14/5, Chikkasandra, Hesaraghatta Main Road  
Bengaluru - 560 057

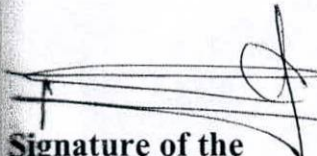


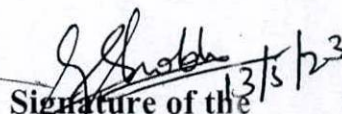


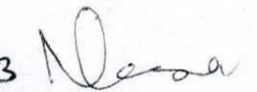
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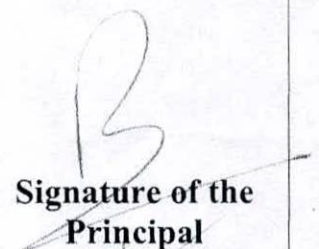
## **CERTIFICATE**

This is to certify that **Ms. JANANI SRIDHARAN (1SG19BT016), Ms. P SOWJANYAA (1SG19BT023), Ms. VANDANA V (1SG19BT038), Ms. PALLAVI G V (1SG19BT044)** who is a bonafide student of Sapthagiri College of Engineering Bengaluru -57 has successfully completed Project entitled **“ACTIVITY OF POMEGRANATE EXTRACT AGAINST DERMATOPHYTES”** under the guidance of **Prof. RAMYA D L** during the year 2022-2023.

  
Signature of the  
Guide

  
Signature of the  
Project  
Coordinator

  
Signature of the  
HOD

  
Signature of the  
Principal

Extnd  
Rpt 24/3/23  
SN must

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





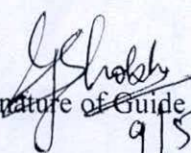
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(Accredited by NBA for ECE, CSE, ISE, ME & EEE)  
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Phone: 080-28 372800/1/2 Fax: 080-28 372797

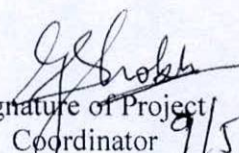



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### CERTIFICATE

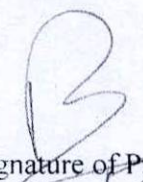
This is to certify that Ms. Keerthi Reddy S (1SG19BT018), Ms. Pallavi Gowda J (1SG19BT025), Ms. Rohini B N (1SG19BT027), Ms. Yashaswini B R (1SG19BT043), who are bonafide students of Sapthagiri College of Engineering , Bengaluru -57 have successfully completed Project entitled "Evaluation of Antihistamine Activity in the Plant Extract *Nasturtium officinale*" under the guidance of Dr. Shobha G towards the partial fulfillment for the award of Bachelor of Engineering in Biotechnology as laid down by Visvesvaraya Technological University (VTU), Belagavi during the year 2022-2023.

  
Signature of Guide 9/5/23

  
Signature of Project Coordinator 9/5/23

  
Signature of HOD, BT  
Head of the Department  
Dept. of Bio -Technology  
Sapthagiri College of Engineering  
No. 57/1, Chikkasandra  
Hesaraghatta Main Road  
Bangalore -57

External  
Rajesh Singh  
3/5/23  
SV MVS

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

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





## SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

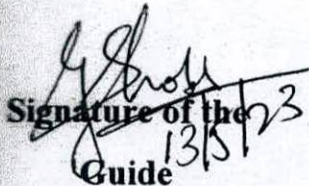
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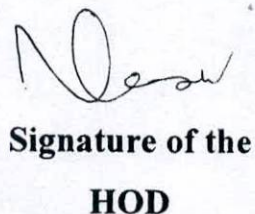
KARNATAKA, INDIA

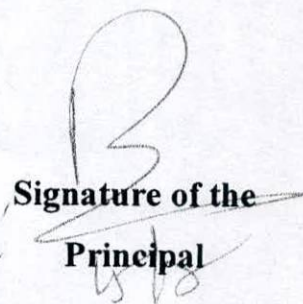
### CERTIFICATE

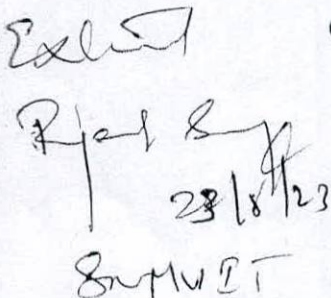
This is to certify that Mr. Yashas L (1SG19BT042), Ms. Nityashree (1SG19BT022), Ms. Padmini Murugesh Singh (1SG19BT024), Ms. Tanushka Mantri (1SG19BT036) who is a bonafide student of Sapthagiri College of Engineering Bengaluru -57 has successfully completed Project entitled **"GREEN SYNTHESIS OF SILVER NANOPARTICLES USING *Nerium Oleander* and its APPLICATIONS ON DYE DEGRADATION"** under the guidance of Prof. Shobha G during the year 2022-23.

  
Signature of the  
Guide

  
Signature of the  
Project  
Coordinator

  
Signature of the  
HOD

  
Signature of the  
Principal

  
Principal  
28/8/23  
SMTWIT

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



Sri Srinivasa Educational & Charitable Trust



**SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57**

(Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi)

Accredited by NAAC- A GRADE

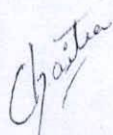
An ISO 90001:2015 and 14001:2015 Certified Institution

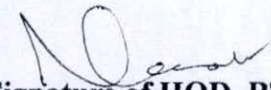
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**DEPARTMENT OF BIOTECHNOLOGY**

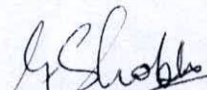
## CERTIFICATE


This is to certify that **Mr. Punithkumar Math (1SG19BT026), Ms. Shrinkhala Srivastava (1SG19BT030), Mr. Soukarya Raha (1SG19BT033), Ms. Varsha C (1SG19BT039)** who is a bonafide student of Sapthagiri College of Engineering, Bengaluru -57 has successfully completed his/her Project titled **"SYNTHESIS AND CHARACTERIZATION OF NANOPARTICLES FOR NEXT-GENERATION APPLICATIONS"** under the guidance of **Dr. Chaitra B S** and under the co-guidance of **Dr. J S S Allwin Ebinesar** towards the partial fulfillment for the award of Bachelor of Engineering in **Biotechnology** as laid down by Visvesvaraya Technological University (VTU), Belagavi during the year **2022-2023**.

  
Signature of Guide

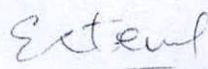
  
Signature of HOD, BT


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

  
Signature of Project  
Coordinator 13/5/23

  
Signature of Principal  
Principal

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

  
Extent  
Rye 18/23/18/23  
En HOD

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