



SAPTHAGIRI COLLEGE OF ENGINEERING, BENGALURU-57

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

1st Year- Mini Project Batch list-Academic Year 22-23

Group No.	Name	USN	Guide Allotted	Title Of The Project
1	Varsha R	1SG22BT044	Dr Soumya C	Sensor based gas leakage detector system
	Harshitha K S	1SG22BT012		
	Sonaali S	1SG22BT038		
2	Keerthana H Bhongale	1SG22BT017	Dr Soumya C	Laser Home security system
	Poorvi L	1SG22BT029		
	Raksha HD	1SG22BT033		
	Varshini A	1SG22BT045		
	Vidya MS	1SG22BT046		
3	Pratiksha Yadav	1SG22BT030	Dr Chaitra B S	Environmental security system
	Samina Anwar	1SG22BT034		
	Chaitrashree R	1SG22BT006		
	Spandana	1SG22BT040		
	Harshitha G	1SG22BT011		
4	Chandhana K R	1SG22BT007	Dr Chaitra B S	Working model of Vacuum cleaner
	Ananya S	1SG22BT001		
	Anushka A	1SG22BT003		
	Keerthana M	1SG22BT018		
	spoorthi B S	1SG22BT041		
5	Manjula S	1SG22BT022	Dr Gouri Mirji	The Human Heart
	Niharika S	1SG22BT028		
	Sneha K	1SG22BT037		
	Sonam Singh R	1SG22BT039		

Mini Project Coordinator

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

Head of the Department
Dept. of Biotechnology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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6	Likith Gowda C	1SG22BT020	Dr Gouri Mirji	Photonic security system
	Mohammed Sahil	1SG22BT023		
	Nagesha V	1SG22BT026		
	Sharath Kumar N	1SG22BT036		
7	Nanditha S	1SG22BT027	Prof.Ramya D L	Mud Pot air Cooler
	R Sandhya	1SG22BT032		
	Samskruthi N	1SG22BT035		
	Vandana C N	1SG22BT043		
8	Harshith B N	1SG22BT010	Prof.Ramya D L	Solar Mobile Charger
	Hitesh K U	1SG22BT013		
	M Ajay Kumar	1SG22BT021		
	Nagarjuna N V	1SG22BT024		
9	Gunashree T K	1SG22BT009	Prof.Sunil Kumar B S	Crystal growth
	Lavanya K	1SG22BT019		
	Tejaswini N	1SG22BT042		
	Vindhu T H	1SG22BT047		
10	Nagashree N Hegde	1SG22BT025	Dr Gouri Mirji	Model representation of clap sensor
	Deepthi S Gowda	1SG22BT008		
	Jayavardhini R	1SG22BT016		
	Priyanka C R	1SG22BT031		
11	Anusha D Naik	1SG22BT002	Prof.Sunil Kumar B S	Diffraction of Light through Prism
	Arpitha	1SG22BT005		
	Chaitanya S	1SG22BT005		
	Jahnavi	1SG22BT015		
	Hithashree	1SG22BT014		

Mini Project Coordinator

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

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

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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to Certify that the Project Report entitled "SENSOR-BASED GAS LEAKAGE DETECTOR SYSTEM" carried out by Ms. Harshitha K S (1SG22BT012), Ms. Sonaali S (1SG22BT038), Ms. Varsha R (1SG22BT044) are bonafide students of Second Semester, Sapthagiri College of Engineering 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.

Dr. Soumya C
(Project Guide)

Mini Project Coordinator

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

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

Signature of HOD
Department of Physics



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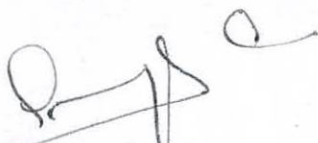
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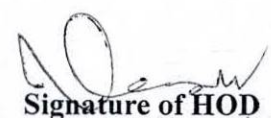
This is to certify that Ms.Keerthana H Bhongale, Ms.Poorvi.L, Ms.Raksha HD, Ms.Varshini A, Ms.Vidya MS, bearing USN 1SG22BT017, 1SG22BT029, 1SG22BT033, 1SG22BT045, 1SG22BT046 respectively who are a bonafide students of Sapthagiri College of Engineering, Bengaluru -57 has successfully completed their Mini Project entitled "**LASER HOME SECURITY SYSTEM**" under the guidance of Dr. Soumya C 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 Mini Project Coordinator

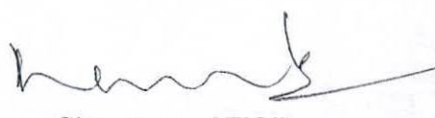


Signature of HOD
Department of Biotechnology
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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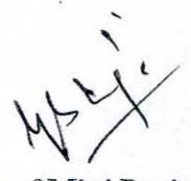
Fax: 080-28 372797

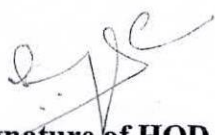
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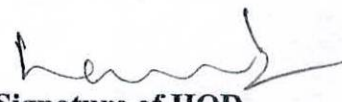
CERTIFICATE

This is to certify that Ms. Chaitrashree R, Ms. Harshitha G, Ms. Pratiksha Yadav, Ms. Samina Anwar Amaravati, Ms. Spandana S bearing USN 1SG22BT006, 1SG22BT011, 1SG22BT030, 1SG22BT034, 1SG22BTO40 respectively who are a bonafide students of Sapthagiri College of Engineering , Bengaluru -57 has successfully completed their Mini Project entitled "ENVIRONMENTAL SECURITY SYSTEM" under the guidance of Dr. Chaitra B S 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 Mini Project
Coordinator


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


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Department of Physics


Principal
Sapthagiri College of Engineering
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CERTIFICATE


This is to certify that **Ms. Ananya S (1SG22BT001)**, **Ms. Anushka A (1SG22BT003)**, **Ms. Chandana K R (1SG22BT007)**, **Ms. Keerthana M (1SG22BT018)**, **Ms. Spoorthi B S (1SG22BT041)** who is a bonafide student of Sapthagiri College of Engineering , Bengaluru -57 has successfully completed her Mini Project entitled **"WORKING MODEL OF VACUUM CLEANER"** under the guidance of **Dr. Chaitra B S** 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 Mini Project
Coordinator


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


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


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Department of Physics



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CERTIFICATE

This is to certify that **Ms.Manjula.S, Ms.Niharika.S, Ms.Sneha.K, Ms.Sonam Singh.R** bearing USN **1SG22BT022, 1SG22BT028, 1SG22BT037, 1SG22BT039** respectively who are bonafide students of Sapthagiri College of Engineering, Bengaluru-57 has successfully completed their Mini Project entitled "THE HUMAN HEART" under the guidance of **Dr. Gouri Mirji**, 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

(Dr. Gouri Mirji)

Signature of Mini Project

Coordinator

Signature of HOD

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering
No. 5/7/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57

Principal

Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE

This is to certify that Mr. Likith gowda C, Mr. Mohammad sahil sinwan, Mr. Nagesha V, Mr. Sharath kumar N, bearing USN 1SG22BT020, 1SG22BT023, 1SG22BT026, 1SG22BT036 respectively who are a bonafide students of Sapthagiri College of Engineering , Bengaluru -57 has successfully completed their Mini Project entitled "PHOTONIC SECURITY SYSTEM" under the guidance of Dr. Gowri Mirji 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 Mini Project Coordinator

Head of the Department
Dept. of Bio-Technology
Sapthagiri College of Engineering

No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bengaluru -57

Principal
Sapthagiri College of Engineering
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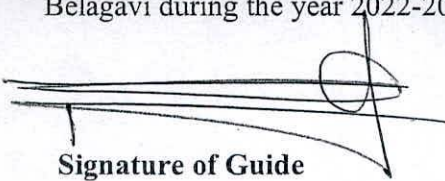
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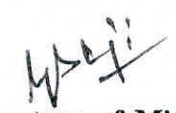
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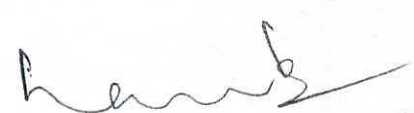
CERTIFICATE

This is to certify that Ms. Nanditha S (USN:1SG22BT027), Ms. R Sandhya (USN:1SG22BT032), Ms. Samskruthi N (USN:1SG22BT035), Ms. Vandana C N (USN:1SG22BT043), who are bonafide students of Sapthagiri College of Engineering, Bengaluru -57 has successfully completed there Mini Project entitled "MUD POT AIR COOLER" under the guidance of Prof. Ramya D L 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 Mini Project
Coordinator


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


Signature of HOD
Department of Physics


Principal
Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta
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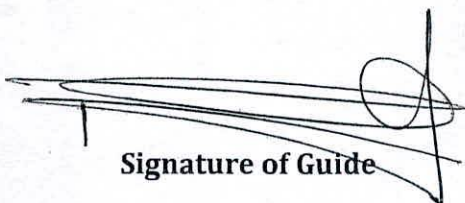
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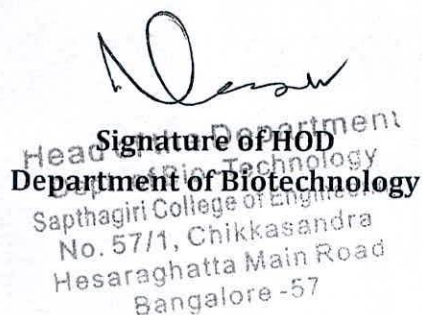
This is to certify that Mr. Harshith B N, Mr. Hitesh K U, Mr. M Ajay Kumar, and Mr. Nagarjuna N V, bearing USN ISG22BT010, ISG22BT013, ISG22BT021, 1SG22BT024 respectively who are bonafide students of Sapthagiri College of Engineering, Bengaluru -57 has successfully completed their Mini Project entitled **"SOLAR MOBILE CHARGER"** under the guidance of **Prof. Ramya D L** 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.



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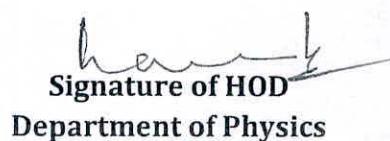
Signature of Mini Project
Coordinator



Signature of HOD
Department of Biotechnology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
Bangalore -57



Principal
Sapthagiri College of Engineering
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Bengaluru - 560 057



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DEPARTMENT OF BIOTECHNOLOGY

CERTIFICATE


This is to certify that Ms. GUNASHREE T K, Ms. LAVANYA K, Ms. TEJASWINI N, and Ms. VINDHU T H, who are bonafide students of Sapthagiri College of Engineering, Bengaluru -57 have successfully completed their Mini Project entitled "**CRYSTAL GROWTH**" under the guidance of Prof Sunil Kumar B S 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 Mini Project
Coordinator



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


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


Signature of HOD
Department of Physics

CERTIFICATE


This is to certify that **Ms. Jayavardhini R (1SG22BT016), Ms. Nagashree N Hegde (1SG22BT025), Ms. Deepthi S Gowda (1SG22BT008), Ms. Priyanka C R (1SG22BT031)** who are Bonafide students at Sapthagiri College of Engineering, Bengaluru -57 have successfully completed Mini Project entitled **“Model representation of Clap sensor”** under the guidance of **Prof. Sunil Kumar B S** during the year 2022-2023.



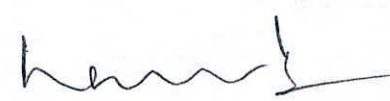
Signature of project guide



Mini Project Coordinator



Signature of HOD
Head of the Department
Department of Biotechnology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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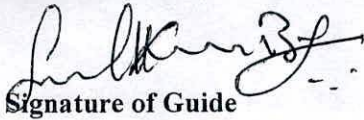
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Department of Physics



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Sapthagiri College of Engineering
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Bangalore

CERTIFICATE


This is to certify that **Miss. Anusha Divakar Naik, Miss. Arpitha M A, Miss. Chaitanya S, Miss. Hithashree M, Miss. Jahanvi B U** bearing **USN 1SG22BT002, 1SG22BT004, 1SG22BT005, 1SG22BT014, 1SG22BT015**, who is a bonafide students of Sapthagiri College of Engineering , Bengaluru -57 has successfully completed his/her Mini Project entitled **"DIFFRACTION OF LIGHT THROUGH PRISM"** under the guidance of **Prof. Sunil Kumar B.S** 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.



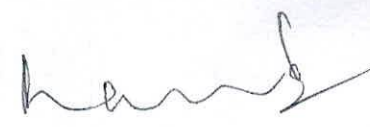
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Signature of Mini
Project Coordinator



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Head of the Department
Dept. of Bio -Technology
Sapthagiri College of Engineering
No. 57/1, Chikkasandra
Hesaraghatta Main Road
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Sapthagiri College of Engineering
14/5, Chikkasandra, Hesaraghatta Main Road
Bangaluru - 560 057