

SRI SRINIVASA EDUCATIONAL & CHARITABLE TRUST (R)
SAPTHAGIRI COLLEGE OF ENGINEERING

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

(Accredited by NAAC with "A" Grade & ISO 9001:2015 & ISO 14001:2015 Certified)

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

DEPARTMENT OF MECHANICAL ENGINEERING

MINI PROJECT-6TH SEMESTER MECHANICAL –AY 2020–2021

Sl No.	USN	Name	Title of the Project	Guide Name
1	1SG18ME021	CHEZHAN S	Advanced Footstep Power Generation System	Chethan BP
2	1SG18ME029	HALEMBRE AMBIKA		
3	1SG18ME038	JEEVITH ARVIND		
4	1SG18ME050	MANJUSHREE K		
5	1SG18ME043	KIRAN KUMAR P	Magnetic Controller Seperator	Dr.Basavaraju S
6	1SG18ME028	GANESHS SH		
7	1SG18ME026	DOCTOR BABU C		
8	1SG18ME032	HEMANTH KUMAR K		
9	1SG18ME066	PUNITH GOWDA	Mini Ventilator Portable Machine	A.M.Mahesha
10	1SG18ME054	MAHAMED SHAID		
11	1SG18ME084	SUPREETH KUMAR		
12	1SG18ME071	SACHIN KN		
13	1SG18ME060	PRAJWAL S	Solar Powered Self Regulated Irrigation System	Dr.R.G.Deshpande
14	1SG18ME074	SANDESH R		
15	1SG18ME075	SANJAY PRASAD RP		
16	1SG18ME096	YASHAVANTH BG		
17	1SG17ME054	P K SHASHIDHAR	Pneumatic Gun	Dr.Tulsidas D
18	1SG18ME002	ABHILASH CP		
19	1SG18ME023	DHANUSH G		
20	1SG18ME037	JAYANTH T		
21	1SG18ME046	LIKITH R	Sensor Operated Hand Sanitizer Dispenser	Dr RG Deshpande
22	1SG19ME431	TILAK RAJU V		
23	1SG19ME408	GOWTHAM N		
24	1SG19ME425	SANJAY TP		
25	1SG19ME430	TEJASWI NK	Wireless Sweeping Machine	Madhukumar Y C
26	1SG19ME404	CHEZHAN V		
27	1SG19ME409	JAIRAJ H YADAV		
28	1SG19ME414	NAGESH V R		
29	1SG19ME419	PRAJWAL SP	Voice Controlled Car	Dr Tulsidas D
30	1SG18ME004	ADHARSH KUMAR PV		
31	1SG18ME006	AKHIL BABU		
32	1SG18ME009	AMITH A PATIL		
33	1SG18ME046	LIKHITH R		

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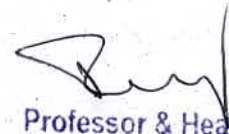
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34	1SG18ME004	ROHIT SAVADATTI	Fabrication and working of Regenerative Brake	Dr.Basavraj Ganiger
35	1SG18ME006	SUDEEP S		
36	1SG18ME009	UDAYKUMAR		
37	1SG18ME046	VINAYAK V HARLAPUR		
38	1SG18ME073	SANDEEP GODWDA BS	Design of Footstep Power generation System	Pramod S V
39	1SG18ME067	RAHUL KR		
40	1SG18ME403	BHARATH KUMAR SR		
41	1SG18ME069	RAJATH GOWDA		
42	1SG18ME008	AMAR SINGH	Heat Exchangers	Hemanth Kumar
43	1SG18ME013	ASHISH H G		
44	1SG18ME048	MV GAGAN		
45	1SG18ME015	BHARATH S HEGDE		
46	1SG18ME001	AAKASH P	Design and Fabrication of Solid Propellant	Dr Tulsidas D
47	1SG18ME005	AJEETH N		
48	1SG18ME016	BHARATH KV		
49	1SG18ME022	DEEKSHITH GOWDA		



Professor & Head

Department of Mechanical Engineering

Sapthagiri College of Engineering


Bengaluru - 560 057.

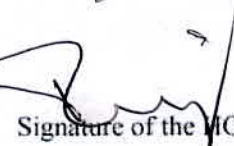
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14/5, Chikkasandara, Hesaraghatta Main Road, Bengaluru-57

DEPARTMENT OF MECHANICAL ENGINEERING



Certified that the Mini Project work entitled "Advanced Footstep Power Generation System" carried out by CHETHAN S (ISG18ME021), HALEMBRE AMBIKA (ISG18ME029), JEEVITH ARVIND (ISG18ME038) and MANJUSHREE K (ISG18ME050) of 6th Semester Mechanical department in partial fulfilment for the award of degree in Bachelor of Engineering at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.


Signature of the Guide
Chetan B P
Associate Professor


Signature of the HOD
Dr. P Mahadevaswamy
Professor and Head

SCE, Bangalore

A4

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14/5, Chikkasandra, Hesaraghatta Main Road, Bangalore-57**DEPARTMENT OF MECHANICAL ENGINEERING****CERTIFICATE**

Certified that the Mini Project work entitled "**MAGNETIC CONTROLLER SEPARATOR**" carried by **DOCTOR BABU C (ISG18ME026), GNANESH S H (ISG18ME028), KIRAN KUMAR P (ISG18ME043), HEMANTH KUMAR K (ISG18ME032)** of 6th Semester Mechanical department in partial fulfillment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in degree.

Signature of the Guide
Prof. Dr. Basavaraju S
Mechanical Engineering

Signature of the HOD
Dr. PMAHADEVASWAMY
Professor and Head

DEPARTMENT OF MECHANICAL ENGG., SAPTHAGIRI COLLEGE OF ENGINEERING

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14/5, Chikkasandra, Hesarahatta Main Road, Bengaluru-57



CERTIFICATE

Certified that the mini project work entitled

“MINI VENTILATOR PORTABLE MACHINE”

Carried out by,

MAHAMED SHAID

(1SG18ME054)

PUNEETH GOWDA SM

(1SG18ME066)

SACHIN KT

(1SG18ME071)

SUPREETH KUMAR K

(1SG18ME084)

of 6th Semester Mechanical department in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for 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 department library. The Min Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Mahesh AM

Professor

Signature of HOD

Dr. P. Mahadevaswamy

Professor and Head

Bj

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Mini Project work entitled "SOLAR POWERED SELF-REGULATED IRRIGATION SYSTEM" carried out by PRAJWAL S (ISG18ME060), SANDESH R (ISG18ME074), SANJAYPRASAD R P (ISG18ME075), YASHWANTH B G (ISG18ME096) of 6th Semester Mechanical department in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Dr. R G DESHPANDE

Associate professor

Signature of the HOD

Dr. P MAHADEVASWAMY

Professor and Head

SAPTHAGIRI COLLEGE OF ENGINEERING
14/5, Chikkasandra, Hesaraghatta Main Road, Bengaluru-560057

[AFFILIATED TO VIVSVESWARAYA TECHNOLOGICAL UNIVERSITY, BELAGAVI]



CERTIFICATE

Certified that the Project work entitled **PNEUMATIC GUN** carried out by P K Shashidar(1SG17ME054) , Prajwal R (1SG17ME058), Abhilash CP (1SG18ME002) , Dhanush G (1SG18ME023) , Jayanth T(1SG18ME037) ,Likhith R(1SG18ME046) bonafide students of 5th semester, Department of **MECHANICAL ENGINEERING** carried out at our college **Sapthagiri College of Engineering**, Bengaluru in partial fulfillment of the award of **Bachelor of Engineering in MECHANICAL ENGINEERING** of the **Visvesvaraya Technological University, Belagavi** during the year 2020-21. 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 in respect of Project work prescribed for the said Degree.

Prof. TULSI DAS D
Associate Professor
Signature of the Guide

Dr. MAHADEVSWAMY P

Signature of the HOD

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Mini Project work entitled

“SENSOROPERATED (AUTOMATIC) HANDSANITIZER DISPENSER”

carried out by **THILAK RAJU.V (1SG19ME431), GOWTHAM.N (1SG19ME408), SANJAY.J.P (1SG19ME425), TEJASWI.J.S (1SG19ME430)** of 6th Semester Mechanical department in partial fulfillment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Dr. R.G DEESHPANDE

Associate Professor

Signature of the HOD

Dr. P MAHADEVASWAMY

Professor and Head


SAPTHAGIRI COLLEGE OF ENGINEERING

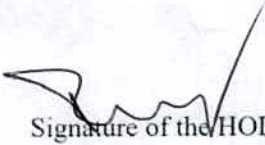
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DEPARTMENT OF MECHANICAL ENGINEERING**CERTIFICATE**

Certified that the Mini Project work entitled **“WIRELESS SWEEPING MACHINE”** carried out by Chethan.V (1SG19ME404), Jairaj H Yadav (1SG19ME409), Nagesha.V.R (1SG19ME414), and Prajwal S.P (1SG19ME419) of 6th Semester **Mechanical department** in partial fulfillment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.


Signature of the Guide
Madhu kumar Y.C
Professor


Signature of the HOD
Dr. P MAHADEVASWAMY
Professor and Head

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DEPARTMENT OF MECHANICAL ENGINEERING



Certified that the Mini Project work entitled **“Voice Controlled Car”** carried out by Adarsh Kumar P.V (1SG18ME004) Akhil Babu(1SG18ME006) Amit A Patil (1SG18ME009) Likhith R (1SG18ME046) of 6th Semester Mechanical department in partial fulfilment for the award of degree in Bachelor of Engineering at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Dr. Tulsidas D

Associate Professor

Signature of the HOD

Dr. P Mahadevaswamy

Professor and Head

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CERTIFICATE

Certified that the mini project work entitled

“FABRICATION AND WORKING OF REGENERATIVE BRAKE”

carried out by,

ROHIT SAVADATTI

(1SG18ME070)

SUDEEP.S

(1SG18ME081)

UDAY KUMAR

(1SG18ME088)

VINAYAK V. HARLAPUR

(1SG18ME091)

of 6th Semester Mechanical department in partial fulfilment for the award of degree in Bachelor of Engineering at Sapthagiri College of Engineering affiliated to Visvesvaraya Technological University, Belagavi for 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 department library. The Min Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide
Dr. Basavaraj Ganigar

Assistant Professor

Signature of HOD
Dr. P. Mahadevaswamy

Professor and Head

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DEPARTMENT OF MECHANICAL ENGINEERING




CERTIFICATE

Certified that the Mini Project work entitled "DESIGN OF FOOT STEP POWER GENERATION SYSTEM" carried out by **Rahul K.R. (1SG18ME067)**, **Sandeep gowda B.S. (1SG18ME073)**, **Bharath Kumar S.R. (1SG19ME402)**, **Rajath gowda(1SG18ME069)** of 6th Semester Mechanical department in partial fulfilment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Mr. PRAMOD S.V.

 Professor

Signature of the HOD

Dr. P MAHADEVASWAMY

Professor and Head

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DEPARTMENT OF MECHANICAL ENGINEERING**CERTIFICATE**

Certified that the Mini Project work entitled "**HEAT EXCHANGERS**" carried out by **AMAR SINGH (1SG18ME008), ASHISH HG (1SG18ME013), M V GAGAN (1SG18ME048), BHARAT S HEGDE (1SG18ME015)** of 6th Semester Mechanical department in partial fulfillment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for 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 department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

Signature of the Guide

Asst Prof. Mr. HEMANT KUMAR HR

Asst Professor

Signature of the HOD

Dr. P MAHADEVASWAMY

Professor and Head

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DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

Certified that the Mini Project work entitled “DESIGN AND FABRICATION OF A SOLID PROPELLANT ROCKET AND ASSOCIATED HARDWARE” carried out by **Aakash P(1SG18ME001), Ajeeth N(1SG18ME005), Bharath K V(1SG18ME016), Deekshith Gowda B M(1SG18ME022)** and of 6th Semester Mechanical department in partial fulfillment for the award of degree in **Bachelor of Engineering** at **Sapthagiri College of Engineering** affiliated to **Visvesvaraya Technological University, Belagavi** for the academic year 2019-2020. It is certified that all corrections/ suggestions indicated for internal assessment have been incorporated in the report deposited in the department library. The Mini Project report has been approved as it satisfies the academic requirements in prescribed for the said degree.

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Dr. Tulsidas

Associate Professor

Signature of the HOD

Dr. P MAHADEVASWAMY

Professor and Head