



K.S. INSTITUTE OF TECHNOLOGY

#14, Raghuvanahalli, Kanakapura Main Road, Bengaluru-560109

Department of Mechanical Engineering

Project details for the Academic Year 2023-24

Batch no.	USN	Name	Project Title	Guide
1	1KS21ME400	Praveen K	Design An Fabrication Of Drum Oil Skimmer	Dr.Girish TR
	1KS18ME421	Madhu Kiran		
	1KS20ME001	Darshan S		
2	1KS20ME005	Pranitha R	Experimental Investigation Of Gas Turbine Blades Subjected To Ambient Temperature Against Errosion	Mr.Harish U
	1KS21ME401	Preran Gowda		
3	1KS20ME006	Shalini DS	Fabrication Of Automatic Tyre Pressure Inflation System	Dr.Saleem Khan
	1KS21ME406	Vineeth P		
4	1KS20ME004	Kushal K	Estimation Of Moment To Fore Ratios And Intrusion Or Extrusion Force in the 5types Of Retraction Loops Using FEA	Mr.Nagabhushana M
	1KS20ME008	Supreeth Gowda j		
5	1KS20ME003	Haryank V Kashyap	Design And Fabrication Of Adaptive Driving Attachment To An Existing Four Wheeler To Help Differently Abled Persons	Dr.Nirmala L
	1KS20ME007	Shreyas S K		
6	1KS20ME002	Harshvardhan V	Effect Content Of Hemp Fibre Content On The Strength Of Epoxy Based Composites	Mr.Nagabhushana M
	1KS19ME031	Shreyash v Venkanna Gowda		
	1KS19ME038	Gowda Malapatil		

Head of the Department / MED

Head of the Department
Dept. of Mechanical Engg.
K.S. Institute of Technology
Bengaluru - 560 109.

Principal

PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109.

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi – 590018



A Project Report on

“DESIGN AND FABRICATION OF DRUM OIL SKIMMER”

Carried out by

DARSHAN S
PRAVEEN K
MADHU KIRAN H

1KS20ME001
1KS21ME400
1KS18ME421

Submitted in partial fulfillment for the award of
BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING

Under the Guidance Of

Dr. GIRISH T R

~~Asst.~~ ^{Asst.} Professor

Department of Mechanical Engineering.



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K S INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING
K S INSTITUTE OF TECHNOLOGY

Bengaluru – 560109

2023-24

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Bengaluru – 560109

DEPARTMENT OF MECHANICAL ENGINEERING



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K S INSTITUTE OF TECHNOLOGY

CERTIFICATE

This is to certify that the project work entitled “DESIGN AND FABRICATION OF DRUM OIL SKIMMER” is a bonafide work carried out by

Name

DARSHAN .S
PRAVEEN K
MADHU KIRAN H

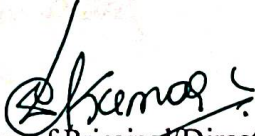
USN

1KS20ME001
1KS21ME400
1KS18ME421

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Signature of Guide
(Dr. GIRISH T R)


Signature of HOD
(Dr. GIRISH T R)

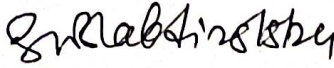
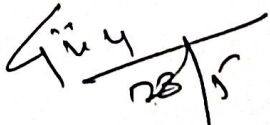

Signature of Principal/Director
(Dr. DILIP KUMAR)

EXTERNAL VIVA

Name of Examiners

1. Sunit. B. Lakkundi
2. Dr. Girish T R

Signature with Date



23/5

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi – 590018



A Project Report on

**“EXPERIMENTAL INVESTIGATION OF GAS TURBINE BLADES
SUBJECTED TO AMBIENT TEMPERATURE AGAINST ERROSION”**

Carried out by

PRANITHA R
PRERAN GOWDA K

1KS20ME005
1KS21ME401

Submitted in partial fulfillment for the award of
BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING

Under the Guidance Of
Mr. HARISH U
Assistant Professor
Department of Mechanical Engineering.



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Bengaluru – 560109

2023-24

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Bengaluru – 560109

DEPARTMENT OF MECHANICAL ENGINEERING



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K.S. INSTITUTE OF TECHNOLOGY

CERTIFICATE

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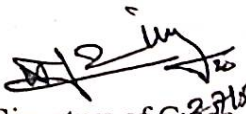
Name

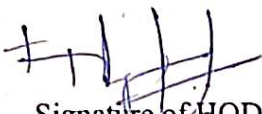
**PRANITHA R
PRERAN GOWDA K**

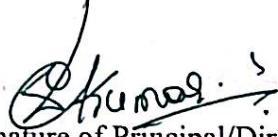
USN

**1KS20ME005
1KS21ME401**

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Signature of Guide
(Mr. Harish U)
27/5/24



Signature of HOD
Head of the Department
(Dr. Girish P R)
Dept. of Mechanical Engg.
K.S. Institute of Technology
Bengaluru - 560-109
EXTERNAL VIVA


Signature of Principal/Director
(Dr. Dilip Kumar K)
PRINCIPAL
K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109

Name of Examiners

1. Sunil B. Lakundi
2. Dr. Girish P R

Signature with Date


28/5/24


28/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
Jnana Sangama, Belagavi – 590018



A Project Report on
**“FABRICATION OF AUTOMATIC TYRE PRESSURE
INFLATION SYSTEM”**

Carried out by

SHALINI D S
VINEETH P

1KS20ME006
1KS21ME402

Submitted in partial fulfillment for the award of
BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING

Under the Guidance Of
Dr. Saleem Khan
Asst. Professor
Department of Mechanical Engineering.



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K S INSTITUTE OF TECHNOLOGY
Bengaluru – 560109

2023-24

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Bengaluru – 560109

DEPARTMENT OF MECHANICAL ENGINEERING



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K S INSTITUTE OF TECHNOLOGY

CERTIFICATE

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Name

SHALINI D S
VINEETH P

USN

1KS20ME006
1KS21ME402

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Signature of Guide

(Dr. Saleem Khan)

Assistant Professor

Dept. of Mechanical Engg.

KSIT, Bengaluru – 109

Signature of HOD

(Dr. Girish T R)

Associate Professor and Head

Dept. of Mechanical Engg.

KSIT, Bengaluru – 109

Signature of Principal/Director

(Dr. Dilip Kumar K)

Principal

KSIT Bengaluru – 109

EXTERNAL VIVA

Name of Examiners

1. Sunil B. Lakundi
2. Dr. Girish T R

Signature with Date

S. Lakundi 28/5/24

Girish T R
28/5

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi – 590018



A Project Report on

**“ESTIMATION OF MOMENT TO FORCE RATIO’S AND
INTRUSION OR EXTRUSION FORCE IN THE 5 TYPES OF
RETRACTION LOOPS USING FEA”**

Carried out by

SUPRITH GOWDA J
KUSHAL KADAM

1KS20ME008
1KS20ME004

Submitted in partial fulfillment for the award of
BACHELOR OF ENGINEERING
IN
MECHANICAL ENGINEERING

Under the Guidance Of
Mr. M NAGABHUSHANA
Associate Professor
Department of Mechanical Engineering.



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Bengaluru – 560109

2023-24

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Bengaluru – 560109

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled “ESTIMATION OF MOMENT TO FORCE RATIO’S AND INSTRUSION OR EXTRUSION FORCE IN THE 5 TYPES OF RETRACTION LOOPS USING FEA” is a bonafide work carried out by

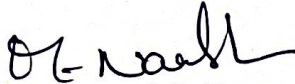
Name


SUPRITH GOWDA J
KUSHAL KADAM

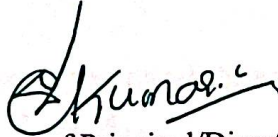
USN

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1KS20ME004

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Signature of Guide
(Mr. M Nagabhushana)


Head of the Department
Dept. of Mechanical Engg.
K.S. Institute of Technology
Bengaluru - 560109

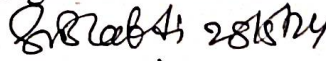
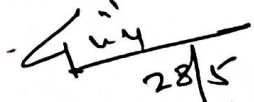

Signature of Principal/Director
(Dr. Dilip Kumar K)

EXTERNAL VIVA

Name of Examiners

1. Sunil B. Lakshminath
2. Dr. Girish T.R.

Signature with Date


28/5/24

28/5

VISVESVARAYA TECHNOLOGICAL UNIVERSITY

JnanaSangama, Belagavi – 590018



A Project Report on

**“DESIGN AND FABRICATION OF ADAPTIVE DRIVING
ATTACHEMENT TO AN EXISTING FOUR-WHEELER TO
HELP DIFFERENTLY ABLED PERSONS”**

Carried out by

HARYANK V KASHYAP

1KS20ME003

SHREYAS S K

1KS20ME007

Submitted in partial fulfillment for the award of

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

Under the Guidance Of

Dr Nirmala L

Associate Professor

Department of Mechanical Engineering.



KSIT

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K S INSTITUTE OF TECHNOLOGY

Bengaluru – 560109

2023-24

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KSIT
INSTITUTE OF TECHNOLOGY

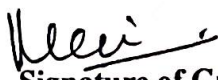
DEPARTMENT OF MECHANICAL ENGINEERING

CERTIFICATE

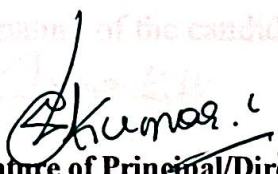
This is to certify that the project work entitled “**DESIGN AND FABRICATION OF ADAPTIVE DRIVING ATTACHEMENT TO AN EXISTING FOUR-WHEELER VEHICLE TO HELP DIFFERENTLY ABLED PERSONS**” is a Bonafide work carried out by -

NAME	USN
HARYANK V KASHYAP	1KS20ME003
SHREYAS S K	1KS20ME007

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Signature of Guide
Dr Nirmala L


Signature of HOD
Dr Girish T R


Signature of Principal/Director
Dr Dilip Kumar K

EXTERNAL VIVA

Name of Examiners

1. 
2. Dr. GIRISH TR 

Signature with Date


28/5/24

VISVESVARAYA TECHNOLOGICAL UNIVERSITY
JnanaSangama, Belagavi – 590018



A Project Report on

**“EFFECT OF HEMP FIBER CONTENTON
THESTRENGTHHOFEPOXY BASEDCOMPOSITES.”**

Carried out by

SHREYAS H VASIST

HARSHAVARDHAN V

VENKANAGOUDA M PATIL

1KS19ME031

1KS20ME002

1KS19ME038

Submitted in partial fulfillment for the award of

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING

Under the Guidance Of

Mr.Nagabhushana M

Associate Professor

Department of Mechanical Engineering.



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CERTIFICATE

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Name

USN

SHREYAS H VASIST

1KS19ME031

HARSHAVARDHAN V

1KS20ME052

VENKANAGOUDA M PATIL

1KS19ME038

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Mr. Nagabhusan M

Signature of Guide
(Mr Nagabhusan M)

Dr. Girish P R

Signature of HOD
Head of the Department
Dept. of Mechanical Engg.
K.S. Institute of Technology
Bengaluru - 560109
EXTERNAL VIVA

Dr. Dilip Kumar K

Signature of Principal/Director
(Dr. Dilip Kumar K)

PRINCIPAL

K.S. INSTITUTE OF TECHNOLOGY
BENGALURU - 560 109. -

Name of Examiners

1. *Suhit B. Lakshendi*

2. *Dr. GIRISH R*

Signature with Date

Suhit B. Lakshendi
28/5/24

Dr. Girish R
28/5