

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY

NELLORE



CERTIFICATE

This is certify that the technical seminar report entitled “**PERFORMANCE EVALUATION OF DOUBLE PIPE COUNTER FLOW HEAT EXCHANGER**” being submitted by

SHAIK ALTHAF	192U5A0304
SHAIK ARSHAD	182U1A0346
DAMPURU PRAVEEN	182U1A0312
YANATI SAI KRISHNA	182U1A0359

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in “**MECHANICAL ENGINEERING**” of Geethanjali Institute of science and technology Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year **2021-2022**. The result presented in this project report have not been submitted to any other university or institute for the award of any degree.

Project Guide

Mr. Ramu Vasa, M.E.

Dept. of Mechanical Engineering

GIST., NELLORE

INTERNAL EXAMINER

Head of the Department

Dr. Ch. Sreenivasa Rao, M.E, Ph.D

Dept. of Mechanical Engineering

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EXTERNAL EXAMINER

**GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE**




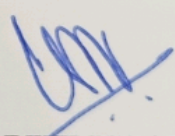
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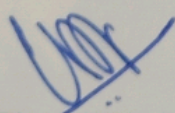
This is certified that the project report entitled “**DEVELOPMENT OF ULTRASONIC
AUTOMATIC BRAKING SYSTEM FOR FORWARD COLLISION AVOIDANCE
WITH ACCELERATOR PEDAL DISENGAGEMENT MECHANISM**” being
submitted by

SHAIK ASHIK	192U5A0305
SAPRAM PRAVEEN	182U1A0345
KAIPU PRASANTH	182U1A0320
SIVUNI RAMLOHITH REDDY	182U1A0352

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in “**MECHANICAL ENGINEERING**” of Geethanjali Institute of science and technology, Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year **2021-2022**. The result presented in this project report has not been submitted to any other university or institute for the award of any degree.


PROJECT GUIDE
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INTERNAL EXAMINER


EXTERNAL EXAMINER

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE

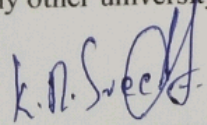


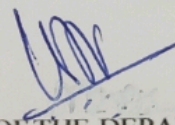
CERTIFICATE

This is certified that the project report entitled “**FABRICATION OF TOGGLE CLAMP FOR LOCKING REVERSE MOTION IN FOLDABLE WHEELCHAIR BY UTILIZING UNUSED SPARES**” being submitted by

SHAIK ABDUL KAREEM	192U5A0303
M. PADMAKAR	192U5A0302
A. KARTHIK	182U1A0304
D.YASWANTH SAI	182U1A0315

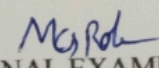
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PROJECT GUIDE
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HEAD OF THE DEPARTMENT
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Submitted for university examination (viva voice) held on 02/07/2022.....


INTERNAL EXAMINER


EXTERNAL EXAMINER

(2018-2022)

**GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE**

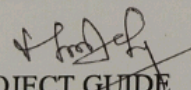


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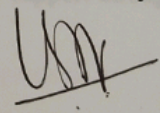
This is certified that the project report entitled **“EXPERIMENTAL INVTGATION
ON MECHANICAL PROPERTIES OF BASALT AND BASALT-CORE
MATERIALS”** being
submitted by

SHAIK SULTHAN BASHA (192U5A0306)
KAMANURU BHARGAV (182U1A0322)
MADHINENI SUNEEL (182U1A0325)
SYED ARAFATH HUSSAIN (182U1A0353)

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in **“MECHANICAL ENGINEERING”** of Geethanjali Institute of science and technology, Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year **2021-2022**. The result presented in this project report has not been submitted to any other university or institute for the award of any degree.

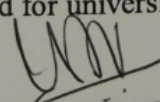

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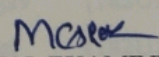
Mr. M. MAHENDRA BABU, M.E., (Ph. D)
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INTERNAL EXAMINER


EXTERNAL EXAMINER

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
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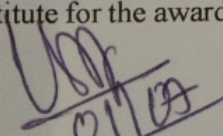


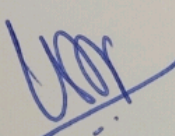
CERTIFICATE

This is certified that the project report entitled "**MODELING AND ANALYSIS OF A FOUR INTO ONE EXHAUST MANIFOLD**" being submitted by

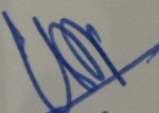
CHAVADAM SUDARSHAN	182U1A0309
PADIRI PAVAN KALYAN	182U1A0334
DADE ZUBER	182U1A0310
MEESALA YASWANTH KUMAR	182U1A0327

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in "**MECHANICAL ENGINEERING**" of Geethanjali Institute of science and technology, Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year **2021-2022**. The result presented in this project report has not been submitted to any other university or institute for the award of any degree.


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INTERNAL EXAMINER


EXTERNAL EXAMINER

(2018-2022)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY NELLORE



CERTIFICATE

This is certify that the project report entitled "MODELING & ANALYSIS OF SUPERCRITICAL AIRFOIL AT TRANSONIC MACH SPEEDS" being submitted by

GEEDHE UDAY KUMAR	182U1A0317
MENATI VASU	182U1A0329
SHAIK RAFI	182U1A0350

In partial fulfillment of the requirement for the award of the degree of **BACHELOR OF TECHNOLOGY** in **MECHANICAL ENGINEERING** of Geethanjali Institute of science and technology Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year 2021-2022. The result presented in this project report have not been submitted to any other university or institute for the award of any degree.

Project Guide

Mr. E. BHASKAR
M.Tech
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INTERNAL EXAMINER

EXTERNAL EXAMINER

(2018 - 2022)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE



CERTIFICATE

This is to certify that the project report entitled “EFFICIENCY ENHANCEMENT OF HIGH PRESSURE WATER TUBE BOILER BY USING STEAM COIL AIR PREHEATER” being submitted by

MEKALA SRIKANTH	182U1A0328
AVULA VENKATA NARESH	182U1A0305
MANNEPALLI POORNACHANDU	182U1A0326
POTTELLA VENKATESH	182U1A0340

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in “MECHANICAL ENGINEERING” of Geethanjali Institute of science and technology Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year 2021-2022. The result presented in this project report have not been submitted to any other university or institute for the award of any degree.

Project Guide

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INTERNAL EXAMINER

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(2018-2022)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE

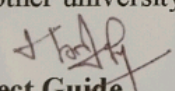


CERTIFICATE

This is to certify that the project report entitled “**EXPERIMENTAL INVESTIGATION ON MECHANICAL PROPERTIES OF E-GLASS-CORE UPON E-GLASS REINFORCED MATERIALS**” being submitted by

PADAVALA JAYANTH	182U1A0333
VANTERU SRINU	182U1A0355
KADANTI MURALI	182U1A0319
RAMIREDDY HARSHA VARDHAN REDDY	182U1A0343

In partial fulfillment of the requirement for the award of the degree of bachelor of technology in “**MECHANICAL ENGINEERING**” of Geethanjali Institute of science and technology Nellore is a bonafide work carried out by him under my guidance and supervision during the academic year **2021-2022**. The result presented in this project report have not been submitted to any other university or institute for the award of any degree.


Project Guide

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INTERNAL EXAMINER


EXTERNAL EXAMINER

(2018-2022)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY

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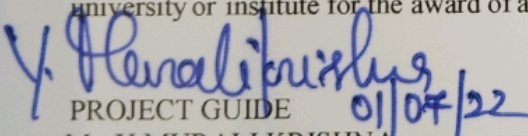


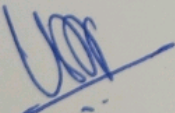
CERTIFICATE


This is certified that the project report entitled "**MODELING AND ANALYSIS OF HYDRANT CLUTCH USING KEVLAR MATERIAL**" being submitted by

KALAVAKURI RAKESH	182U1A0321
BOGGALA PAVAN KUMAR	182U1A0307
DASARI SHIVA KARTHIK	182U1A0314
ANAND KUMAR LOKESH	182U1A0301

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PROJECT GUIDE
Mr. Y.MURALI KRISHNA, M. Tech.[Ph.D]
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INTERNAL EXAMINER


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EXTERNAL EXAMINER

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE

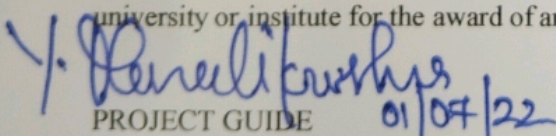


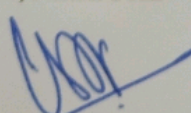
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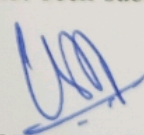
This is certified that the project report entitled "**STRUCTURAL ANALYSIS OF FOUR WHEELED PETROL ENGINE FLYWHEEL BY USING ALUMINUM ALLOY A360**" being submitted by

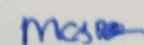
GALAJU PAVAN VENKATESH	182U1A0316
DAMODARAN SURESH KRISHNA	182U1A0311
DASARI SASI KUMAR	182U1A0313
KONDAPALLI BALAJI	182U1A0323
P.V. SRAVAN KUMAR	182U1A0337

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Mr. Y. MURALI KRISHNA, M. Tech. [Ph. D]
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EXTERNAL EXAMINER

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE



CERTIFICATE

This is to certify that the project report entitled “**DESIGN OF HYDRAULIC PULLER FOR DISMONTING OF RING GRANULATOR ROTOR COUPLING**” being submitted by

RABBA SANKAR NARAYANA	182U1A0342
ANNALA SASIKUMAR	182U1A0302
VIDAVALURU HARI	182U1A0357
NADHENDLA CHANDU	182U1A0331
MADDALA LOKESH	182U1A0324

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Project Guide

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Head of the Department

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Submitted for university examination (viva voice) held on... **02/09/2022**

INTERNAL EXAMINER

EXTERNAL EXAMINER

(2018-2022)

GEETHANJALI INSTITUTE OF SCIENCE AND TECHNOLOGY
NELLORE



CERTIFICATE

This is certified that the project report entitled "**ADOPTION OF ADVANCED COMBUSTION EMISSION REDUCTION TECHNOLOGY (ACERT) FOR REDUCING EMISSIONS AND FUEL CONSUMPTION IN CONVENTIONAL VEHICLES**" being

submitted by

SHAIK NOOR AHAMED	182U1A0349
SHAIK SHAMEEN BASHA	182U1A0351
PULLURU PRATHAP	182U1A0341
BANDI PUSHYA KUMAR	182U1A0306
NELLORE NAGA PRASAD	182U1A0332

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PROJECT GUIDE
Mrs. G. NILIMA, M. Tech.
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Dr. Ch. SREENIVASA RAO, M.E., Ph.D.
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