



NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled “**DESIGN AND STRUCTURAL ANALYSIS OF ALUMINIUM BASED PISTON**” is the bonafide work done by **G.Baba goud: 21X05A0317, N.Nikhil : 21X05A0338, S.Vinay: 21X05A0348, T.Shiva: 21X05A0357** in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2023-2024.

Project Guide

Mr. BHIMAPPA YADAHALLI, M.Tech (Ph.D.)

Asst.Professor

Department of Mechanical Engineering,

NARSIMHAREDDY ENGINEERING COLLEGE

Maisammaguda, Kompally, Secunderabad.

Head of the Department

Dr. M ASHOK KUMAR, Ph.D.

Professor & Head of The Department

Department of Mechanical Engineering,

NARSIMHAREDDYENGINEERING COLLEGE

Maisammaguda Kompally, Secunderabad

Submitted for the viva-voice examination held on:

External Examiner

29/3/24





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



your roots to success...

CERTIFICATE

This is to certify that the project report entitled **"STATIC STRUCTURAL AND THERMAL ANALYSIS OF BRAKE DISC FOR DIFFERENT MATERIALS"** is the Bonafide work done by **P.RUTHIK, 21X05A0342, K.MAHESH, 21X05A0360, A.SHIVAJI, 21X05A0303, MD.SAHID RAJA, 20X01A0302**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mr.G. NARASIMHA REDDY, M.tech,
Assistant Professor

Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

Head of the Department

Dr. M ASHOK KUMAR, Ph.D

Professor & Head

Department of Mechanical Engineering,
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Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:

External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India


Department of Mechanical Engineering



your roots to success...

CERTIFICATE

This is to certify that the project report entitled "**FABRICATION OF PNEUMATIC DRILLING MACHINE**" is the bonafide work done by **A.RAM CHARAN, 21X05A0302, K.NITHIN, 21X05A0323, M.VISHWESH KUMAR, 21X05A0335, Y.ANKITH, 21X05A0358**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.


Project Guide
Mr. P. NAVEEN KUMAR, M.Tech

Assistant Professor,
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

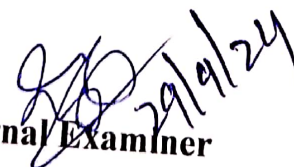


Head of the Department

Dr. M. ASHOK KUMAR, Ph.D

Professor & Head
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:


29/9/24
External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

(2023-2024)

Department Of Mechanical Engineering



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CERTIFICATE

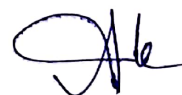
This is to certify that the major project entitled "**FABRICATION OF HYDRAULIC PRESS**" is being done by **N. RAJASHEKAR -21X05A0339, G. NAVEEN -21X05A0319, M. GOVARDHAN -21X05A0332, P. DURGA PRASAD, 21X05A0343**, in a partial fulfillment of the requirement for the award of **Bachelor of Technology** in Mechanical Engineering from JNTUH. Record of Bonafide work carried out by them during the year 2023- 2024. The content of the report has not been submitted to any other University/Institution for the award of any degree.

Submitted for viva-voice examination held: _____


Internal Guide

Dr. M. Ashok Kumar Ph.D.

Professor & HOD



Head of The Department

Dr. M. Ashok Kumar Ph.D.

Professor



Internal Examiner


External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

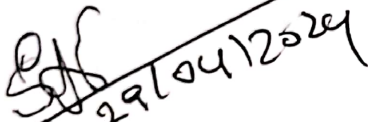
Department Mechanical Engineering



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CERTIFICATE

This is to certify that the project report entitled “ **DEVELOPMENT OF 3D WIRE FRAME MODELLING BY USING C- PROGRAMMING** ” is the bonafide work done by **BALINA.UDAY KIRAN** 21X05A0305, **PULL.PRASHANTH**, 21X05A0344, **SIPRAN.DURGA PRASAD**, 21X05A0352, **TALARI.PRAVEEN KUMAR**, 21X05A0354, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology** in **MECHANICAL ENGINEERING**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.


Project Guide

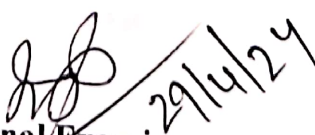
Mr.K.V.S KRISHNA KISHORE
Assistant Professor
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.



Head of the Department

Dr.M.ASHOK KUMAR
Professor & Head
Department of Mechanical Engineering,
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Submitted for the viva-voice examination held on:


External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled **"LPG REFRIGERATION SYSTEM"** is the bonafide work done by **CH.SAI KIRAN GOUD (21X05A0309), G. BABU (21X05A0320), K. PRAKASH (21X05A0327), D.RANJITH KUMAR (21X05A0359)**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.


Project Guide

Mr SUBHRAJITH SAHOO

Assistant Professor,

Department of Mechanical Engineering,

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Maisammaguda, Kompally, Secunderabad.



Head of the Department

Dr. M. ASHOK KUMAR

Professor & Head

Department of Mechanical Engineering,

NARSIMHAREDDY ENGINEERING COLLEGE

Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:


External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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This is to certify that the project report entitled **"LPG REFRIGERATION SYSTEM"** is the bonafide work done by **CH.SAI KIRAN GOUD (21X05A0309), G. BABU (21X05A0320), K. PRAKASH (21X05A0327), D.RANJITH KUMAR (21X05A0359)**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.


Project Guide

Mr SUBHRAJITH SAHOO

Assistant Professor,
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

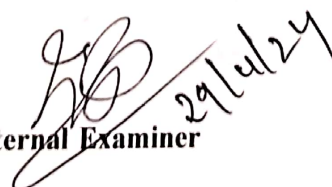


Head of the Department

Dr. M. ASHOK KUMAR

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Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:


External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE
UGC AUTONOMOUS INSTITUTION


Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled **“EXERGY AND ENERGY ANALYSIS OF A DIESEL ENGINE USING WASTE PLASTIC OIL”** is the bonafide work done by **SK JAKEER, 21X05A0349, K.SATHISH, 21X05A0322, N SUNIL KUMAR, 21X05A0337, T ABHILASH, 21X05A0356**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.


Project Guide

D.simhana Devi

Assistant Professor,
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Head of the Department

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Submitted for the viva-voice examination held on:


External Examiner

29/4/24





NARSIMHA REDDY ENGINEERING COLLEGE UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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CERTIFICATE

This is to certify that the project report entitled **"FABRICATION OF PNEUMATIC CE"** is the Bonafide work done by **A.VIJAY KUMAR, 21X05A0301, D.SHASHANK, 21X05A0314, ARAVIND, 21X05A0328, M.SANJAY, 21X05A0333**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mr. P NAVEEN KUMAR, M.tech,
Assistant Professor

Department of Mechanical Engineering,
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Head of the Department

Dr. M ASHOK KUMAR, Ph.D

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Submitted for the viva-voice examination held on:

External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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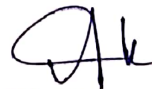
CERTIFICATE

This is to certify that the project report entitled “**GENERATION OF ELECTRICITY BY USING VERTICAL AXIS WIND TURBINE**” is the Bonafide work done by **B. ESHWAR 21X05A0307, D. ASHOK 21X05A0312, G. DEEPAK 21X05A0316, G. NAVEEN 21X05A0318**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024. The content of the report has not been submitted to any other University/Institution for the award of any degree.


Project Guide

Mr. P VAMSIKRISHNA

ME, Assistant Professor
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

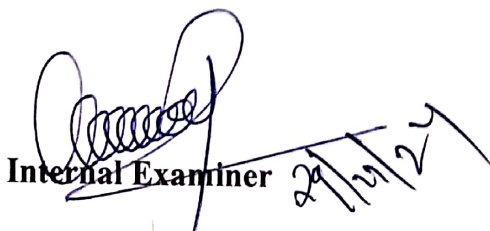


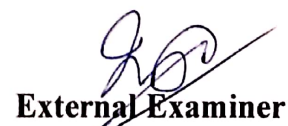
Head of the Department

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Professor & Head
Department of Mechanical Engineering,
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Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:


Internal Examiner 27/11/24


External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



CERTIFICATE

This is to certify that the project report entitled "**FABRIFICATION OF PORTABLE REFRIGERATOR USING THERMOELECTRIC PELTIER MODULE**" is the bonafide work done by **D.PRAVEEN KUMAR, 20X01A0301, ABHISHEK KUMAR, 20X01A0303, K.VISHWATEJA, 21X05A0326, T.GIRI BABU, 21X05A0355**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in MECHANICAL ENGINEERING**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mr PVV SRINIVAS RAO

Asst Professor,
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

Head of the Department

Dr M ASHOK KUMAR

Professor & Head
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:

External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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CERTIFICATE

This is to certify that the project report entitled “**ROCKER BOGIE MACHANISM MACHINE**” is the bonafide work done by **B. UDAY CHARAN – 21X05A0306, G. NITHIN KUMAR – 21X05A0321, S. ANJANI KUMAR – 21X05A0350, S. PUNITH – 21X05A0351**, in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering Department**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mr. P. Srinivas Rao M.Tech
Assistant professor,
Department of Mechanical Engineering,
NARSIMHAREDDYENGINEERING
COLLEGE
Maisammaguda, Kompally, Secunderabad.

Head of the Department

Dr.M. Ashok Kumar Phd
Professor & Head
Department of Mechanical Engineering,

Submitted for the viva-voice examination held on:





NARSIMHA REDDY ENGINEERING COLLEGE UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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CERTIFICATE

This is to certify that the project report entitled **“EFFECT OF TOOL PIN PROFILES ON MECHANICAL PROPERTIES OF FRICTION STIR WELDING OF DISSIMILAR ALUMINIUM ALLOYS”** is the bonafide work done by **D. SAI KUMAR – 21X05A0315, M. LOKESH – 21X05A0330, N. AKHILA– 21X05A0336, P. TEJA ANAND– 21X05A0341 R. SWARNA– 21X05A0345**, in partial fulfilment of the requirements for the award of the degree of **Bachelor of Technology in Mechanical Engineering Department**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mrs. B. RAMYA M.Tech
Assistant professor,
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COLLEGE
Maisammaguda, Kompally, Secunderabad.

Head of the Department

Dr.M. ASHOK KUMAR PhD
Professor & Head
Department of Mechanical Engineering,

Submitted for the viva-voice examination held on:

Internal Examiner

24/4/24

External Examiner

29/4/24





NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



your roots to success...

CERTIFICATE

This is to certify that the project report entitled **"FABRIFICATION OF PORTABLE REFRIGERATOR USING THERMOELECTRIC PELTIER MODULE"** is the bonafide work done by **D.PRAVEEN KUMAR, 20X01A0301, ABHISHEK KUMAR, 20X01A0303, K.VISHWATEJA, 21X05A0326, T.GIRI BABU, 21X05A0355**, in partial fulfillment of the requirements for the award of the degree of **Bachelor of Technology in MECHANICAL ENGINEERING**, from Jawaharlal Nehru Technological University Hyderabad, during the year 2020-2024.

Project Guide

Mr PVV SRINIVAS RAO

Asst Professor,
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad

Head of the Department

Dr M ASHOK KUMAR

Professor & Head
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad

Submitted for the viva-voice examination held on:

External Examiner





NARSIMHA REDDY ENGINEERING COLLEGE

UGC AUTONOMOUS INSTITUTION

Maisammaguda (V), Kompally - 500100, Secunderabad, Telangana state, India

Department of Mechanical Engineering



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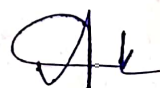
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Project Guide


D.simhana Devi

Assistant Professor,
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.


Head of the Department
Dr.M.Ashok Kumar

Professor & Head
Department of Mechanical Engineering,
NARSIMHAREDDY ENGINEERING COLLEGE
Maisammaguda, Kompally, Secunderabad.

Submitted for the viva-voice examination held on:


External Examiner



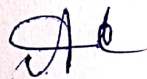
Department of Mechanical Engineering

Ref.: NRCM/ME/Project/001

Date: 11/02/2023

CIRCULAR

It is to inform all the final year students that the guide allocation for your project in IV Year II Sem is done. All are requested to meet the guide and discuss the domain area of your project and submit the abstract of the project on or before 17/02/2023.


HOD-ME

Copy to:

Office of Principal
Notice Boards

Department of Mechanical Engineering

Ref.: Ref.: NRCM/ME/Project/003

Date: 08/04/2023

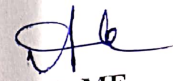
Circular

It is informed to all final year students that the "Project Evaluation – Review 2", to be held on 12/04/2023 10:00 AM at Room No.106, MT Block.

Copy to:

Principal-for kind information.

Notice Board.


HOD-ME