

M.F.
S.P.F.
A.M Reddy Memorial College of Engineering and Technology

(Approved by AICTE New Delhi & Affiliated to JNTU-KAKINADA)

Uppalapadu(v)-522509,PALNADU(DI), Andhra Pradesh.

DEPARTMENT OF MECHANICAL ENGINEERING



CERTIFICATE

This is to certify that the project work entitled "DESIGN AND ANALYSIS OF COMPOSITE FAN BLADE" is submitted to the department of Mechanical Engineering, Loyola Institute of Technology and Management in partial fulfillment of the requirement for the award of degree of bachelor of Technology in Mechanical engineering by

- | | |
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| S. BHARATH KUMAR | (19HM1A0323) |
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Project Guide

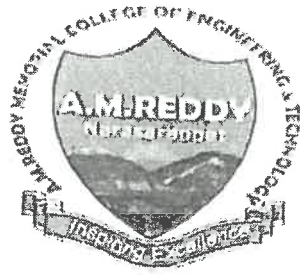

Prof. K.L.N. MURTHY, Ph.D.

Head of the Department


EXTERNAL EXAMINER


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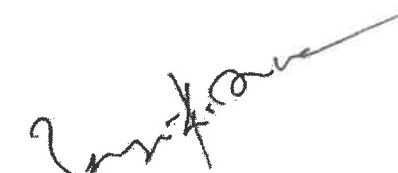
This is to verify that the project entitled “DESIGN AND ANALYSIS OF A CANTILEVER BEAM” is submitted by

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In Partial fulfillment for the award of the degree of Bachelor of Technology in the Department of Mechanical Engineering during the year 2022 – 2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.


Project Guide
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Head of the Department
(Dr.K.L.N.Murthy – Ph.D)


Principal
(Dr.S.Jaya Krishna – Ph.D)

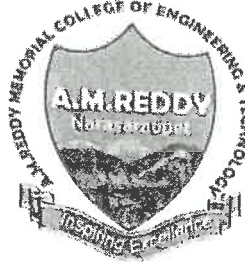

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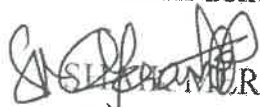


CERTIFICATE

This is to certify that the project entitled “**DESIGN AND OPTIMIZATION OF AERO FIN BLADES USED IN CARGO AERO PLANE**” is submitted by

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Partial fulfilment for the award of the Degree of Bachelor of Technology in Department of Mechanical Engineering during the year 2022-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.


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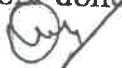


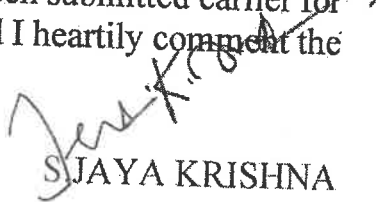
CERTIFICATE

This is to certify that the project entitled “**DESIGN AND ANALYSIS OF HYDRO PNEUMATIC SUSPENSION SYSTEM**” is submitted by

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| S. MURALI KRISHNA | 19HM1A0321 |
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Partial fulfilment for the award of the Degree of Bachelor of Technology in Department of Mechanical Engineering during the year 2022-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily commend the work done by him in this connection.


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CERTIFICATE

This is to certify that the project entitled "THERMAL AND STRESS ANALYSIS OF A DRUM BRAKE USING FUNCTIONAL GRADED MATERIAL" submitted by D. PAVANKUMAR(19HM1A0305), D. MUSTAFA(19HM1A0306), M. USHA(19HM1A0314), S. SATHEESH(19HM1A0322), Y. SREEKANTH NAIK(19HM1A0329), Partial fulfillment for the award of the degree of Bachelor of Technology in Department of Mechanical Engineering during the year 2022-2023. The content of the thesis has not been submitted earlier for the award of any other degree or certificate and I heartily comment the work done by him in this connection.


Project Guide


External Examiner


Head of the Department


Principal


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