



# CHRISTIAN COLLEGE OF ENGINEERING AND TECHNOLOGY

(Approved by AICTE, New Delhi and Affiliated to Anna University, Chennai.)

## DEPARTMENT OF MECHANICAL ENGINEERING ACADEMIC YEAR 2022 - 2023


SUB. CODE: MF4411

CLASS: II ME (PG)

SUB. NAME: PROJECT WORK

SEM: IV

S. No	REGISTER NO.	STUDENT NAME	PROJECT TITLE	NAME OF GUIDE
1	920321410003	CHIDHAMBARARAJAN A	STRUCTURAL ANALYSIS OF THE PROPELLER BLADE WITH THE ASSISTANCE OF COMPUTATIONAL METHODS	Dr.P.L. RAMESH KUMAR
2	920321410007	MANIVANNAN P	DESIGN AND ANALYSIS OF SPROCKET DRIVEN TRANSMISSION SYSTEM	Mr.A. VADIVEL
3	920321410010	SENTHAMIL SUGANTHAN R	COMPUTATIONAL INVESTIGATION OF COMPOSITE MATERIAL IN THE APPLICATION WISHBONE SUSPENSION SYSTEM	Dr.S.KARTHIKEYAN
4	920321410011	SUGAVANAM A	INCREASING THE EFFICIENCY OF WIND TURBINE BY PROFILE OPTIMIZATION USING CAD TOOLS	Dr. R. SURESH
5	920321410012	SUJANAKANDHAM I	DESIGN AND ANALYSIS OF IMPACT OF TOOL USING TWO DIFFERENT GEOMETRY IN FRICTION STIR WELDING	Mr.M.SHANMUGA PRABHU
6	920321410013	SURESH T	EXPERIMENTAL ANALYSIS NATRURAL FIBER COMPOSITES	Dr.B.PRABHU
7	920321410009	RAJESH M	AN INVESTIGATE THE MECHANICAL CHARACTERISATION OF AL 7175 REINFORCEMENT ALUMINA OXIDE AND GRAPHITE METAL MATRIX COMPOSITE	Mr. V.JEYABALAJI

  
PRINCIPAL  
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Oddanchatram - 624 619  
Dindigul District

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**BONAFIDE CERTIFICATE**

Certified that this Report “**STRUCTURAL ANALYSIS OF THE PROPELLER BLADE WITH THE ASSISTANCE OF COMPUTATIONAL METHODS**” is the bonafide work of **CHIDHAMBARARAJAN A (Reg. No: 920321410003)** who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
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Submitted for the Phase II Viva-Voce Examination held on 09/10/2023

  
**INTERNAL EXAMINER**

||

  
**EXTERNAL EXAMINER**

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Certified that this Report "DESIGN AND ANALYSIS OF SPROCKET DRIVEN TRANSMISSION SYSTEM" is the bonafide work of MANIVANNAN P (Reg. No: 920321410007) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
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**BONAFIDE CERTIFICATE**

Certified that this Report "COMPUTATIONAL INVESTIGATION OF COMPOSITE MATERIAL IN THE APPLICATION WISHBONE SUSPENSION SYSTEM" is the bonafide work of SENTHAMIL SUGANDHAN R(Reg. No: 920321410010) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
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Certified that this Report "INCREASING THE EFFICIENCY OF WIND TURBINE BY PROFILE OPTIMIZATION USING CAD TOOLS" is the bonafide work of SUGAVANAM A (Reg. No: 920321410011) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

  
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INTERNAL EXAMINER

  
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## BONAFIDE CERTIFICATE

Certified that this report titled "**DESIGN AND ANALYSIS OF IMPACT OF TOOL USING TWO DIFFERENT GEOMETRY IN FRICTION STIR WELDING**" is the Bonafide work of **SUJANAKANDHAM I (Reg. No:920321410012)** who carried out the work under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other report on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.

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## BONAFIDE CERTIFICATE

Certified that this report titled “EXERIMENTAL ANALYSIS OF NATURAL HYBRID FIBER COMPOSITES ” is the Bonafide work of SURESH T (Reg. No:920321410013) who carried out the work under my supervision. Certified further, that to the best of my knowledge the work reported herein does not form part of any other report on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



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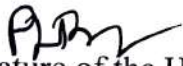


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## BONAFIDE CERTIFICATE

Certified that this Thesis titled "AN INVESTIGATE THE MECHANICAL CHARACTERISATION OF AL 7175 REINFORCEMENT ALUMINA OXIDE AND GRAPHITE METAL MATRIX COMPOSITE" is the bonafidework of RAJESH M (920321410009) who carried out the work under my supervision. Certified further that to the best of my knowledge the work reported herein does not form part of any other thesis or dissertation on the basis of which a degree or award was conferred on an earlier occasion on this or any other candidate.



Signature of the HOD

**Dr. P.L. RAMESH KUMAR M.E., Ph.D.,**

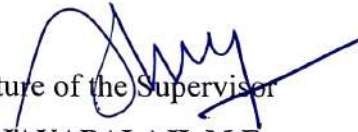
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