

DEPARTMENT OF THERMAL ENGINEERING
ANNA UNIVERSITY, CHENNAI

SEPTEMBER 2022

ANNA UNIVERSITY, CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report titled “MODELLING OF VAPOUR ABSORPTION REFRIGERATION SYSTEM USING ALTERNATE REFRIGERANTS” is the bonafide work of J. GODSON (Roll No. 963320414002) 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

HEAD OF THE DEPARTMENT,

Dr.D.PRINCE SAHAYA SUDHERSON,
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Submitted for the project Phase-I and viva-voce held on 06/09/2022



INTERNAL EXAMINER



EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report **“EXPERIMENTAL EXPLORATION ON THE UTILISATION OF LOW VISCOUS COOKED WASTE PALM OIL INTO BIOFUEL INFLUENCED BY NANO ADDITIVES IN A DIESEL ENGINE”** is the bonafide work of **“PAUL DENZIL.L (963320414006)”**, who carried out the project 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.


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**DR.D.PRINCE SAHAYA SUDHARSON, Mr.T.JEBA SINGH, ME.,
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Submitted to Project Viva Voce held on 06/09/2022


INTERNAL EXAMINER


EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "ENHANCED ACTIVE COOLING OF HIGH POWER LED LIGHT SOURCES BY USING PIN AND RADIAL FINS" is the Bonafide work of Mr. MUHAMMED RAMEES TK (Reg.No : 963320414004) who carried out the project 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

Dr.D.PRINCE SAHAYA SUDHERSON, M.E, Ph.D,
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Submitted for the Viva-Voce held on...06-09-22



INTERNAL EXAMINER



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "EXTRACTION AND CHARACTERIZATION OF NOVEL BIOFUEL FROM SEAWEED USING SLOW PYROLYSIS PROCESS" Is the bonafide work of VISALATCHI.R (963320414009) Carried out the project work under my supervision.



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Submitted for the Project Viva-voce examination held on
...06...SEPTEMBER 2022



INTERNAL EXAMINER



EXTERNAL EXAMINER