Certified that this project report "DESIGN AND FABRICATION OF SOLENOID ELECTROMAGNETIC TWO CYLINDER ENGINE" is the bonafide work of "AAKASH NAVEEN S(963319114002),ABHISHEK SENNAN(963319114005), ANOOP F.S (963319114030) ,ASWIN GHOSH A (963319114043)" who carried out the project work under my supervision.

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Submitted to Project viva voce held on 18-06-2021....

INTERNAL EXAMINAR

### **BONAFIDE CERTIFICATE**

Certified that this MINI PROJECT report "DESIGN AND FABRICATION OF MINI HACKSAW USING BEAM ENGINE" is the bonafide work of "BALAJI M (963319114046) AKASH PRAVIN S (963319114021) ASWIN C (963319114041) AJAY K (963319114015)" who carried out the mini project work under my supervision.

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INTERNAL EXAMINER

### BONAFIDE CERTIFICATE

Certified that this MINI PROJECT report "DESIGN AND FABRICATION OF AUTOMATIC WHITEBOARD CLEANER" is the bonafide work of "S. A. ARIJAYABALAN (963319114033) ASWIN. R (963319114042) BHARATHI VALAN. N (963319114049) BOBIN.S (963319114051)" who carried out the mini project work under my supervision.

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Engineering and Technology on 18-06-2022.

INTERNAL EXAMINER

Certified that this project report " DESIGN AND FABRICATION OF AUTOMATIC SIDE STAND FOR TWO WHEELER" is the bonafide work of "ARUMUGA SANJAI.M (963319114035),ASHWIN **SANJAI.M** (963319114039), DHANUMHALAYAN.M (963319114056) ,DHANUSH.V (963319114043)" who carried out the project work under my supervision.

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INTERNAL EXAMINAR

# BONAFIDE CERTIFICATE

Certified that this project report titled "DESIGN AND FABRICATION OF FIRE FIGHTING ROBOT" is Bonafide work of ABDULLAH. M, (963319114301), AHAMED AZHIQ. M (963319114302), ARIHARAN. R.S (963319114307), ARIHARASUTHAN. J (963319114308) who carried out the project under my supervision. Certificated further, that to the best of my knowledge the work reported here in does not from part of any other project report or dissertation on the basis of which a degree or award was certified on the earlier on this or any other candidate.

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This is to certify that this project report "DESIGN AND FABRICATION OF CHAINLESS BICYCLE" is the Bonafide work of "ABISEKH A (963319114009), ALLAN BABU S (963319114025), AJITH G (963319114303), ALPHA BERAKA C (963319114304) " who carried out the project work under my supervision.

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18/6/22 Submitted to Project viva voice held on

Certified that this project report "DESIGN AND FABRICATION OF SOLENOID ENGINE" is the bonafide work of "K.AJAI BABU (963319114013), K.R.AJAI MANOJI (963319114014), A.AJITH (963319114017) and M.AKASH (963319114019) ", who carried out the project work under my supervision.

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Certified that this project report "DESIGN AND FABRICATION OF AIR COOLER USING PELTIER MODULE" in this bonafide work of "AKASH.M (963319114018), AMUTHAN.K (963319114027), ABDUL RAWOOF.S.A.K (963319114003), ABINESH.C (963319114007) ", who carried out the project under my supervision.

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INTERNAL EXAMINER

Certified that this project report " DESIGN AND FABRICATION OF SOLAR DRYER" is the bonafide work of "AKHILESH R(963319114022),AKSHAI AKSHOKAN (963319114024), ANANTHU V(963319114029),BOBIN YOSE (963319114052)" who carried out the project work under my supervision.

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Submitted to Project viva voce held on... 18 | 0.6 | 2022...

INTERNAL EXAMINAR

Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC PLANT WATERING SYSTEM" is the bonafide work of "AKSHAYJITH S.R (963319114025) ANAL D SHARON (963319114029) ASHIK S (963319114037) and BABISHEK J (963319114045)", who carried out the project work under my supervision.

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INTERNAL EXAMINER

Certified that this project report "DESIGN AND FABRICATION O MINI MILLING MACHINE" is the bonafide work of "ANTO JENO RISHOK. D (963319114031), ARUN KUMAR.S(963319114036) ARIHARASUTHAN. G (963319114032), ANTONY RAYAPPAN.P (963319114306)" who carried out the project work under my supervision

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INTERENAL EXAMINER

Certified that this project report "AUTOMATIC SIDE STAND RETRIEVAL SYSTEM" is the bonafide work of S. DINESH (963319114058), J. ABISHEK (963319114012), A. ANISH (963319114305), T. ASLIN DHAS (963319114040) who carried out the project work under my supervision.

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INTERNAL EXAMINER

Certified that this project report "DESIGN AND FABRICATION OF MOVABLE WOOD CUTTING MACHINE" is the bonafide work of "ABINESH.J (963319114008), AJAY.K.J (963319114016), AKASH.R.P (963319114020), ARIVIGNESH.Y (963319114034)" who carried out the project work under my supervision.

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INTERNAL EXAMINER

## BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF REMOTE CONTROLLED MINI FORKLIFT" is the bonafide work of "ABHISHEK M(963319114004), ABISHAKE S(963319114011), AKILAN A(963319114023), BELSAR K S(963319114047)" who carried out the project work under my supervision.

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#### CERTIFICATE

This is to certify that the project report entitled "MINI HYDRAULIC JACK" is a bonafide work of the students ABIMANIU N K(963319114006), BENEDICT JOHN (963319114048), DATHISH DANIEL A (963319114053), DAVIS GRANT I (963319114054) submitted in partial fulfillment of the requirement for the award of Engineering in MECHANICAL ENGINEERING The matter embodied in this report has not been submitted for award of any other degree.

SIGNATI

Dr. D. PRINCE SAHAYA SUDHERSON

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INTERNAL EXAMINER

### BONAFIDE CERTIFICATE

Certified that this project "DESIGN AND FABRICATION OF MINI GRINDING MACHINE" is the bonafide work of AADARSH T S (963319114001), DELIP KUMAR I (963319114055), who carried out the project work under my supervision.

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