



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL

INDRA GANESAN COLLEGE OF ENGINEERING





Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
Approved by AICTE, NewDelhi & Affiliated to Anna University, Chennai
NAAC Accredited, 2(F) Status Institution by UGC



Criteria 2

Teaching-Learning and Evaluation

350

Key Indicator-2.3.1 Problem Solving Method

2.3.1 Mini Project and Main Project

DEPARTMENT OF MECHANICAL ENGINEERING



Indra Ganesan

COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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Department of Mechanical Engineering

ACADEMIC YEAR 2022 – 2023

Experiential Learning – Main Project

Batch No.	Registration No	Name of the Student	Year / Sem	Topic	Name of the Learning Method
1	811219114003	Ajay S	IV / VIII	Design and fabrication of Agri cutter	EXPERIENTIAL LEARNING METHOD - PROJECT
	811219114004	Christy lourthu samy A			
2	811219114301	Hariharan R	IV / VIII	Design and fabrication of footstep power Generation	
	811219114702	Madhan Murugan S			
3	811219114006	Periasamy P	IV / VIII	Design and development of pneumatic powered hacksaw machine	
	811219114701	Gokul R			
4	811219114011	Suriya Ganesh M	IV / VIII	Pneumatic sheet metal cutting Machine	
	811219114012	Vaithiyalingam M			
5	811219114001	Aathilingam V	IV / VIII	Design and Fabrication of Electric Motorized Grass cutter	
	811219114002	Abimanyu C			
6	811219114302	Mohan Raj G	IV / VIII	Design and fabrication of conveyor lift using geneva Mechanism	
	811219114704	Inigo Rithesh			
	811219114703	Muthukaruppan			
7	811219114008	Saravana kumar V	IV / VIII	Design and Fabrication of Solar grass Cutter	
	811219114010	Siriyac Selva A			
8	811219114013	Vikash R	IV / VIII	Research and analysis of Electric Mini pickup Truck chasis and body	
	811219114303	Sivash			


HOD/MECH


Dr. G. Balakrishnan, M.E., Ph.D.,

Principal

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Manikandam, Trichy-620 012.

DESIGN AND FABRICATION OF AGRI-CUTTER

A PROJECT REPORT

Submitted by

AJAY S

811219114003

CHRISTY LOURTHU SAMY A

811219114004

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

IN

MECHANICAL ENGINEERING



**INDRA GANESAN COLLEGE OF ENGINEERING,
MANIKANDAM, TIRUCHIRAPPALLI-620012**

ANNA UNIVERSITY CHENNAI 600025

JUNE-2022

BONAFIDE CERTIFICATE

Certificate that this project report "AGRI-CUTTER USING CRANK SHAFT MACHINISM" is the bonafide work of

AJAY S

811219114003

CHRISTY LOURTHU SAMY A

811219114004

Who carried out the project work under my supervision



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Dr. R. RAMESH BABU, M.E.,(Ph.D),

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G.DEEPAN KUMAR,ME.,

PROJECT SUPERVISOR

MechanicalEngineering

Indra Ganesan College of Engineering

Tiruchirappalli-620012

Submitted for the university Viva-Voce Examination held on..23/06/2022..



INTERNAL EXAMINER



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Principal

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IG Valley, Madurai Main Road
Manikandam, Trichy-620 012.



EXTERNAL EXAMINER

DESIGN AND FABRICATION OF ELECTRIC MOTORIZED GRASS CUTTER

A PROJECT REPORT

Submitted by

**AATHILINGAM.V
ABIMANYU.C**

**811219114001
811219114002**

In partial fulfillment for the award of the degree Of

BACHELOR OF ENGINEERING

IN

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INTERNAL EXAMINER


EXTERNAL EXAMINER


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Principal

Indra Ganesan College of Engineering
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DESIGN AND FABRICATION OF CONVEYOR LIFT USING GENEVA MECHANISM

A PROJECT REPORT

Submitted by

MOHANRAJ.G	811219114302
INIGO RITHISH.P	811219114704
MUTHUKARUPPAN.M	811219114703

*In partial fulfillment for the award of the
degree Of*
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IN
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ANNA UNIVERSITY CHENNAI 600 025

JUNE – 2022

BONAFIDE CERTIFICATE

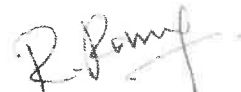
Certificate that this project report “**DESIGN AND FABRICATION
CONVAYOR LIFT USING GENEVA MECHANISM**” is the
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MOHANRAJ.G	811219114302
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Submitted for the university Viva-Voce Examination held on...23/6/..2022..


INTERNAL EXAMINER


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23.6.2022


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DESIGN AND FABRICATION OF SOLAR GRASS CUTTER

A PROJECT REPORT

Submitted by

SARAVANAKUMAR V 811219114008

SIRIYAC SELVA A 811219114010

In partial fulfillment for the award of the

degree Of

BACHELOR OF ENGINEERING

IN

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**INDRA GANESAN COLLEGE OF ENGINEERING,
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Certificate that this project report "**Design And Fabrication Of Solar Grass Cutter**" is the bonafide work of

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Tiruchirappalli-620 012

Tiruchirappalli-620 012

Submitted for the university Viva-Voce Examination held on.. 23/06/2022.....


INTERNAL EXAMINER


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Indra Ganesan College of Engineering
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DESIGN AND FABRICATION OF FOOTSTEP POWER GENERATION

A PROJECT REPORT

Submitted by

HARIHARAN .R

811219114301

MADHAN MURUGAN .S

811219114702

In partial fulfillment for the award of the degree Of

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IN

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**INDRA GANESAN COLLEGE OF ENGINEERING,
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ANNA UNIVERSITY CHENNAI 600025

JUNE – 2022

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INTERNAL EXAMINER



Dr. G. Balakrishnan, M.E., Ph.D,



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Principal

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DESIGN AND DEVELOPMENT OF PNEUMATIC POWERED HACKSAW MACHINE

APROJECTREPORT

Submitted by

PERIYASAMY .P 811219114006
GOKUL .R 811219114701

In partial fulfillment for the award of the degree Of
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IN
MECHANICALENGINEERING



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INTERNALEXAMINER




EXTERNALEXAMINER
23.6.2022

ii
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Principal
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PNEUMATIC SHEET METAL CUTTING MACHINE

A PROJECT REPORT

Submitted by

SURIYA GANESH.M

811219114011

VAITHIYALINGAM.M

811219114012

*In partial fulfillment for the award of the
degree Of*

BACHELOR OF ENGINEERING

IN

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**RESEARCH AND ANALYSIS OF ELECTRIC
MINI PICKUP TRUCK CHASSIS AND BODY**

A PROJECT REPORT

Submitted by

PRASANTH R

811218114011

VIGNESHWARAN C

811218114023

In partial fulfilment for the award of the

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JUNE - 2022

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Certificate that this project report "RESEARCH AND ANALYSIS OF ELECTRIC MINI PICKUP TRUCK CHASSIS AND BODY" is the bonafide work of

PRASANTH R

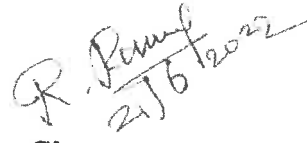
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811218114023

Who carried out the project work under my supervision


Signature


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