

**DESIGN AND ANALYSIS OF IOT-BASED INTELLIGENT
ROBOT FOR REAL-TIME MONITORING AND CONTROL**

A Project report submitted to
**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
KAKINADA**

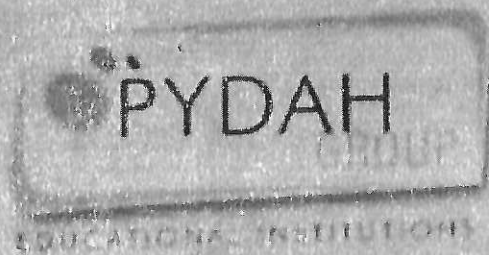
in partial fulfilment of the requirements
for the award of the degree of

**BACHELOR OF TECHNOLOGY
IN
ELECTRONICS AND COMMUNICATION ENGINEERING**

Submitted By
IV B.Tech II Semester

K. Padmayathi Sriam Vasavi	196T1A0408
A. Satya Sai	206T5A0401
B. Satya Sree	206T5A0406
K. Syam Babu	196T1A0406
P. Kranthi Raj	196T1A0412

Under the Guidance of
Mrs. V. Sadguna Kumari, M. Tech
(Assistant Professor Department of ECE)
DURATION: 2019-2023



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
PYDAH COLLEGE OF ENGINEERING
(Affiliated to JNTU, Kakinada and approved by AICTE, New Delhi)
(Opposite Ramannapalem arch, Patavala, Kakinada-533461, E.G.Dist)

MISSILE DETECTION AND AUTO DESTROY SYSTEM

A Project report submitted in partial fulfillment of the requirements for the award of degree

of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

BY

A.JHANSIRANI (TL)	196T1A0401
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K.BHANUPRAKASH	196T1A0407
M.SIDDUVINAYAKA	196T1A0414
K.DEVI	206T5A0404
S.KEERTHANA	206T5A0408

Under the guidance of

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Assistant professor. (ECE DEPARTMENT)



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PYDAH COLLEGE OF ENGINEERING, PYDAH GROUP

(Approved by AICTE, New Delhi And Affiliated to Jawaharlal Nehru Technological University Kakinada)

YANAMROAD, PATAVALA(VILLAGE), TALLAREVU(MANDAL), KAKINADA(DIST)PIN-533461

(2019-2023)

**Microwave Radar based Human or Obstacle detection with Light control
System using GSM technology**

**A Project report submitted to
JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY
KAKINADA**

**in partial fulfilment of the requirements
for the award of the degree of**

**BACHELOR OF TECHNOLOGY
IN
ELECTRONICS AND COMMUNICATION ENGINEERING**

Submitted By

IV B.Tech II Semester

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A. Sai Durga Prasad	196T1A0402
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DURATION: 2019-2023



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PYDAH COLLEGE OF ENGINEERING**

**(Affiliated to JNTU, Kakinada and approved by AICTE, New Delhi)
(Opposite Ramannapalem arch, Patavala, Kakinada-533461, E.G.Dist)**

DUAL AXIS SOLAR TRACKING SYSTEM

A Project report submitted in partial fulfillment of the requirements for the award of degree

of

BACHELOR OF TECHNOLOGY

IN

ELECTRONICS AND COMMUNICATION ENGINEERING

BY

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D.SUNILKUMAR	196T1A0404
Y.SIVAKRISHNA	196T1A0413
K.HARIBABU	206T5A0403

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PYDAH COLLEGE OF ENGINEERING, PYDAH GROUP

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YANAM ROAD, PATAVALA (VILLAGE), TALLAREVU (MANDAL), KAKINADA (DIST)

PH: 533461

(2019-2023)

CERTIFICATE

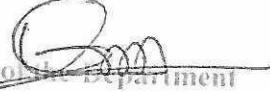
This is to certify that the thesis entitled "A COMPARATIVE STUDY ON FAKE JOB POST PREDICTION USING DATA MINING TECHNIQUE", is being submitted by P.V.D.BRAHMAJI, Y.DEVISREE, K.V.M.SWAPNA, G.Y.C.KISHORE bearing PINNO:196T1A0516, 196T1A0527, 196T1A0509, 196T1A0529 respectively in partial fulfillment that of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

The result embodied in this thesis have not been submitted to any other university or institute for the award of any degree or diploma.


Project Guide


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Dr. P.V.SURYA PRAKASH
Principal PRINCIPAL
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PATAVALA, KAKINADA


Head of the Department

CERTIFICATE

This is to certify that the thesis entitled "ANALYSIS OF WOMEN SAFETY IN INDIAN CITIES USING MACHINE LEARNING ON TWEETS", is being submitted by S.GOWTHAMI, P.SOWMYA, P.SUMA, V.GLORY bearing PINNO: 196T1A0519, 196P1A0523, 196T1A0517, 196T1A0525 respectively in partial fulfillment that of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

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CERTIFICATE

This is to certify that the thesis entitled "CREDIT CARD FRAUD DETECTION USING RANDOM FOREST ALGORITHM", is being submitted by T.VIJAYALAKSHMI, G.BHARATHI, S.V.V.KARTHIK, V.RAMANA, K.RAMYASRI, bearing PIN NO:196T1A0523, 196T1A0505, 196T1A0520, 196T1A0526, 196P1A0505 respectively impartial fulfillment that of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

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This is to certify that the thesis entitled "FAKE IMAGE IDENTIFICATION USING MACHINE LEARNING", is being submitted by V.V.S.S.BHAVANI, K.P.PRIYANKA, D.SHYAM KUMAR, K.BHAGYA RATNAM bearing PINNO:196T1A0524, 196T1A0511, 196T1A0503, 196T1A0506 respectively in partial fulfillment that of the requirement for the award of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

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This is to certify that the these entitled "AN IMPROVED APPROACH FOR MOVIE RECOMMENDATION SYSTEM", is being submitted by M. LIKITHA SREE, G. SAI RAGHAVA, K. LAKSHMI SRI, D. PARDHA CHANDU bearing PINNO: 196T1A0515, 196T1A0504, 196P1A0504, 196T1A0502 respectively in partial fulfillment that of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

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This is to certify that the thesis entitled "PREDICTION ON LOAN ELIGIBILITY OF THE CUSTOMER", is being submitted by P.SATYA SRI, K.V.V.RAMANA, K.SANDHYA, K.VINAY MAHESH bearing PINNO:196T1A0518, 196T1A0507, 196P1A0512, 196T1A0508 respectively in partial fulfillment that of the requirement for the award of the degree of Bachelor of Technology in Computer Science and Engineering in the Pydah College of Engineering, Kakinada, Andhra Pradesh to the Jawaharlal Nehru Technological University, Kakinada is record of bonified work carried out by them under by guidance of supervision.

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*A project report submitted in partial fulfillment of
the requirements for the award of*

**ALCOHOL DETECTION ON TWO-WHEELER
VEHICLE IGNITION LOCKING SYSTEM**

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

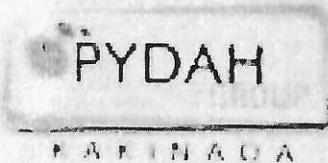
Submitted By

CHINTAPALLI DEVI (T.L)	196T1A0303
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Yanam Road, Patavala-533461, Kakinada E.G.Dt

ANDHRA PRADESH,

INDIA.

2019-2023

A project report on

FABRICATION AND DESIGN OF SOLAR AIR COOLER

*A Dissertation Submitted in Partial Fulfillment of the Requirements for the Award
of the Degree of*

BACHELOR OF TECHNOLOGY

IN

MECHANICAL ENGINEERING

By

NAYAK SMITHANJALI	196T1A0307
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KAKINADA – Yanam Road, Patavala – 533461

ANDHRA PRADESH,

2023

A Project Report On
**"DESIGN AND FABRICATION OF METAL DETECTING SENSOR
SPIDER ROBOT"**

*A Dissertation Submitted in Partial Fulfillment of the Requirements for the
Award of the Degree of*

BACHELOR OF TECHNOLOGY

In

MECHANICAL ENGINEERING

By

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CHODISETTI SAI RAM

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PYDAH COLLEGE OF ENGINEERING**

**(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Yanam Road, Patavala, 533461 Kakinada**

**DESIGN AND FABRICATION OF POWER OPERATED
CULTIVATOR AND BUND FORMER**

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

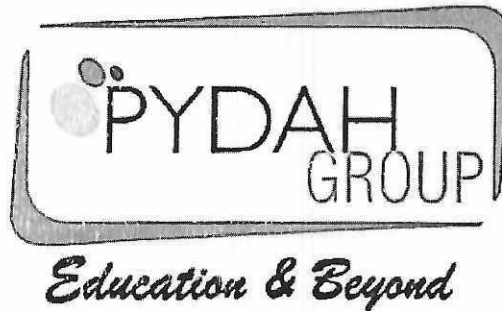
AGRICULTURAL ENGINEERING

GLS KAMAL	(206T5A3525)	S KEERTHI	(206T5A3575)
S MOHAN	(206T5A3578)	K MANOJ	(206T5A3533)
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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

MODIFICATION OF PEDAL OPERATED THRESHER

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

In

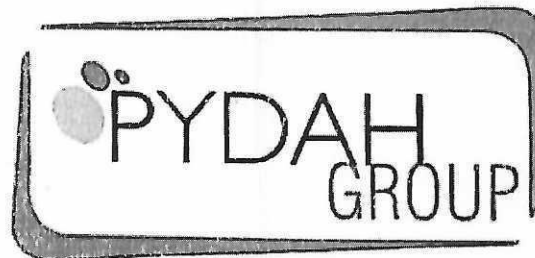
AGRICULTURAL ENGINEERING

DUBAKULA BEULAH (206T5A3518)
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Education & Beyond

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PYDAH COLLEGE OF ENGINEERING, PYDAH GROUP

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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

**DESIGN AND DEVELOPMENT OF BIOMASS
BEIQUETTING MACHINE**

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

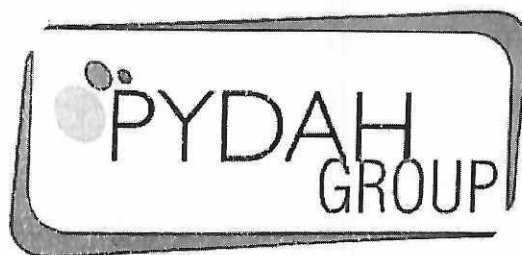
AGRICULTURAL ENGINEERING

N DEEVENA	(206T5A3562)
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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

DESIGN AND DEVELOPMENT OF MANUALLY
OPERATED REAPER MACHINE

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

AGRICULTURAL ENGINEERING

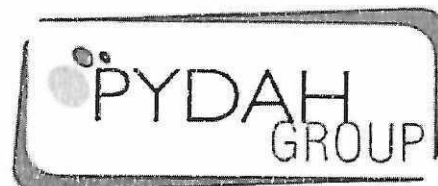
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YANAM ROAD, PATAVALA (V)-533461

2019-2023

WICK IRRIGATION SYSTEM FOR VEGETABLE GARDENING

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

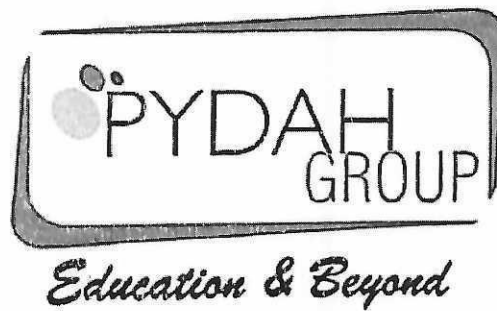
AGRICULTURAL ENGINEERING

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YANAM ROAD, PATAVALA (V)-533461

2010 - 2023

**DEVELOPMENT OF AUTOMATIC
IRRIGATION SYSTEM FOR CROPS BY USING SOLAR ENERGY**

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

FABRICATION OF MANUAL OPERATED MULTI ROW CROP SPRAYER USING CRANK MECHANISM

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

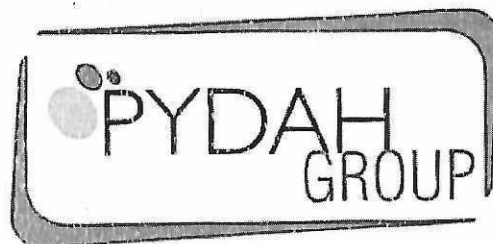
AGRICULTURAL ENGINEERING

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YANAM ROAD, PATAVALA (V)-533461

2010 2022

DEVELOPMENT OF INSTANT SOUP MIX
INCORPORATED WITH BASIL SEED AND BUTTERFLY
PEA FLOWER (*CLITORIA TERNATEA*)

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

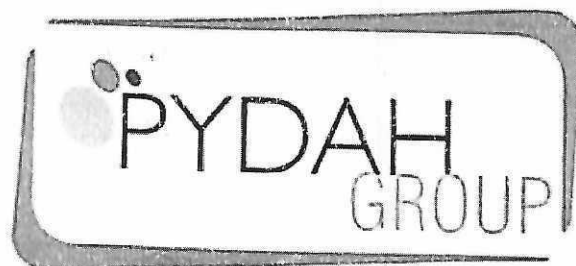
AGRICULTURAL ENGINEERING

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YANAM ROAD, PATAVALA (V)-533461

STUDY AN DEVELOPMENT OF BATTERY OPERATED WEEDER

*A Project Report Submitted in partial fulfillment of the requirements
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BACHELOR OF TECHNOLOGY

in

AGRICULTURAL ENGINEERING

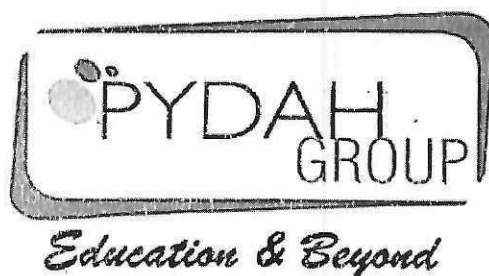
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G S RUPA KALA	(206T5A3523)	G U MAHESWARARO	(196T1A3508)
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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

SOLAR POWERED MULTIPURPOSE AGRICULTURE MACHINE

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

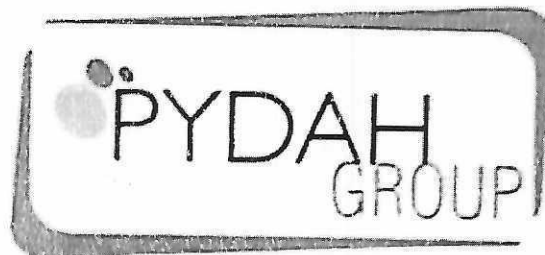
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AGRICULTURAL ENGINEERING

CH. MOUNIKA	206T5A3514
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2019 – 2023

DESIGN AND FABRICATION OF SINGLE ROW POTATO HARVESTER

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

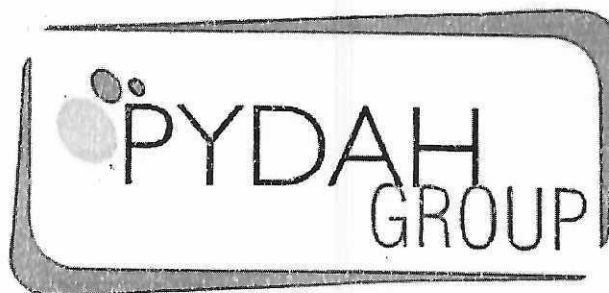
AGRICULTURAL ENGINEERING

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M.V.V Murali	(196T1A3524)
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Education & Beyond

DEPARTMENT OF AGRICULTURAL ENGINEERING

PYDAH COLLEGE OF ENGINEERING, PYDAH GROUP

(Approved by A.I.C.T.E, New Delhi & Affiliated to J.N.T.U.K, Kakinada)

YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

DEVELOPMENT OF MANUAL OPERATED DOUBLE ROW SEED BARREL

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

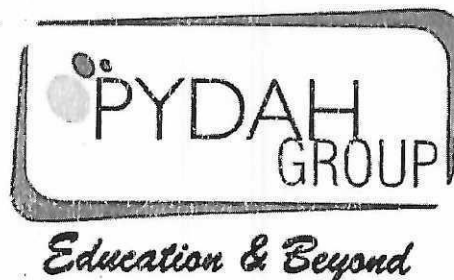
BACHELOR OF TECHNOLOGY in AGRICULTURAL ENGINEERING

G .VENU MADHAVI	(206T5A3521)
G.PAVAN KUMAR	(196T1A3507)
K .ASHA	(196T1A3516)
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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

**EFFECTS OF ROW COVERS ON THE GROWTH OF LEAFY
VEGETABLES UNDER INTER-CROPPING**

*A Project report submitted in partial fulfillment of the requirements for the
award of the degree of*

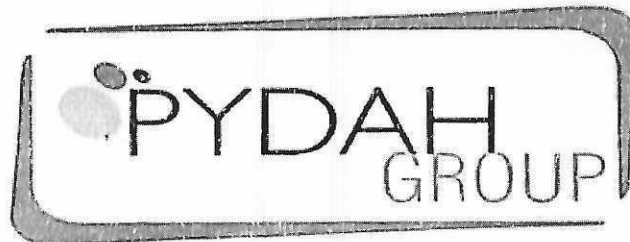
**BACHELOR OF TECHNOLOGY
In
AGRICULTURAL ENGINEERING
By**

K. Leela	(206T5A3534)
K. Srinivasulu	(206T5A3542)
M. Yakaraju	(206T5A3554)
M. Nithish Reddy	(206T5A3559)
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2019-2023

PYDAH COLLEGE OF ENGINEERING , KAKINADA

PATAVALA-533461

DESIGN OF MANUAL OPERATED TWO ROW ONION SEEDER

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

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2019 – 2023

VERTICAL FARMING WITH AQUAPONICS

*A Project Report Submitted in partial fulfillment of the requirements
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In

AGRICULTURAL ENGINEERING

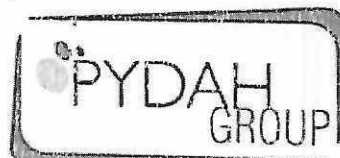
By

D. SRI DURGA	(196T1A3503)
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P. SURENDRA	(196T1A3530)
S.S.S.R.K. RAJU	(196T1A3538)
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2019-2023

DESIGN AND FABRICATION OF POWER TILLER WITH ATTACHED ROTAVATOR

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

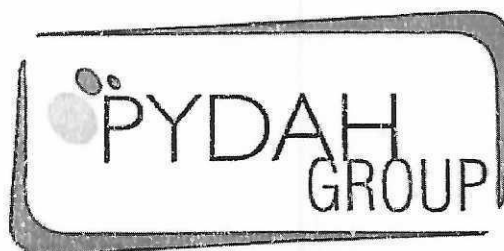
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K.BHAGYA SRI	(196T1A3517)	P.V.S. GOPI	(196T1A3531)
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YANAM ROAD, PATAVALA (V)-533461

GROWING OF VEGETABLES USING AQUAPONICS

*A Project Report Submitted in partial fulfillment of the requirements
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BACHELOR OF TECHNOLOGY

in

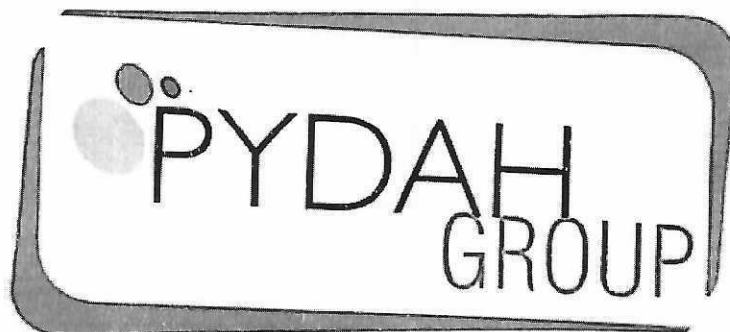
AGRICULTURAL ENGINEERING

S. MALATHI	(206T5A3580)
J. TRIVENI	(206T5A3528)
K. NAGENDRA	(206T5A3530)
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YANAM ROAD, PATAVALA (V)-533461

2019 – 2023

DESIGN AND FABRICATION OF SOLAR OPERATED SPRAYER

*A Project Report Submitted in partial fulfillment of the requirements
for the award of the degree of*

BACHELOR OF TECHNOLOGY

in

AGRICULTURAL ENGINEERING

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K.T.V.GANESH (196T5A3521)

E.SUMANTH (206T5A3519)

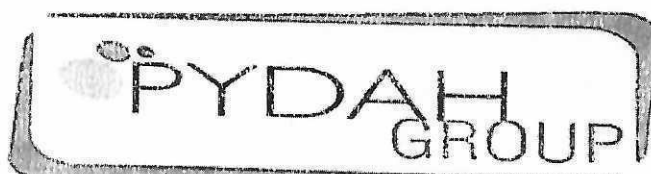
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YANAM ROAD, PATAVALA (V)-533461

2019 -2023

A Project Report On

**DESIGN AND FABRICATION OF POWDER METAL REINFORCED COMPOSITE
MATERIAL SPUR GEAR UNDER STATIC AND DYNAMIC LOADING CONDITION**

A Dissertation Submitted in Partial Fulfillment of the Requirements for the Award of the Degree of

MASTER OF TECHNOLOGY

In

MECHANICAL ENGINEERING (ADVANCED MANUFACTURING SYSTEMS)

By

CHELLURI JAYARAM

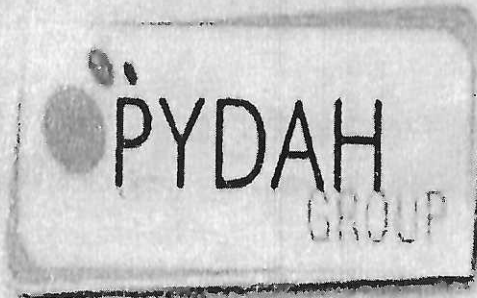
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Under the supervision of

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Assistant Professor

Department of Mechanical Engineering



KAKINADA

**DEPARTMENT OF MECHANICAL ENGINEERING
PYDAH COLLEGE OF ENGINEERING**

(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)

Yanam Road, Patavala, Kakinada-533461, E.G.Dt

2020-2022

A Project Report On

**"EXPERIMENTAL INVESTIGATION ON THE EFFECT OF COOLANT, TOOL
MATERIAL AND ROTATIONAL SPEED ON SURFACE ROUGHNESS ON
ALUMINIUM ALLOY 6061 SPECIMEN BY USING TAGUCHI METHOD"**

A Dissertation Submitted in Partial Fulfillment of the Requirements for the

Award of the Degree of

MASTER OF TECHNOLOGY

In

MECHANICAL ENGINEERING (ADVANCED MANUFACTURING SYSTEMS)

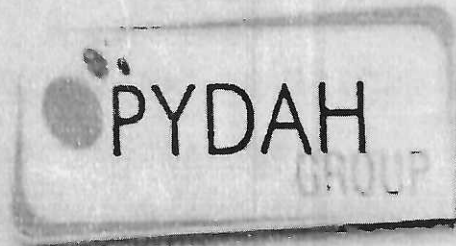
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Under the supervision of

Mr. V.V. RAMAKRISHNA

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(Approved by AICTE, New Delhi & Affiliated to JNTUK, Kakinada)
Yanam Road, Patavala, Kakinada-533461, E.G.D

2020-2022

A Project Report On

**EVALUATION OF MECHANICAL PROPERTIES OF
CERAMIC POLYMER FABRICATED BY THE
AEROSOL DEPOSITION**

A Dissertation Submitted in Partial Fulfillment of the Requirements

For the Award of the Degree

Of

MASTER OF TECHNOLOGY

In

MECHANICAL ENGINEERING (ADVANCED MANUFACTURING SYSTEMS)

By

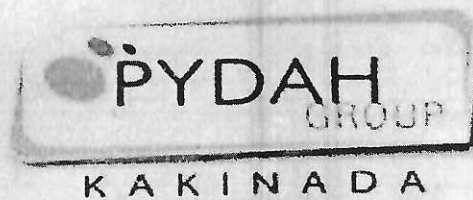
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2020-2022