



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

2. TEACHING – LEARNING AND EVALUATION

2.3 Teaching – Learning Process

ACADEMIC YEAR – 2023 - 2024

PROBLEM SOLVING METHODOLOGIES	
S. No	CONTENT
1.	Main Project
2.	Idea Contest
3.	Smart India Hackathon 2023
4.	Problem Based Curriculum Integrated courses



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL, BENGALURU



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MAIN PROJECT



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PROJECT BATCHLIST

PERIOD: FEB-MAY 2024

BATCH: 2020-2024

YEAR/SEMESTER: IV/VIII

S. No.	REGISTER NO.	NAME	NAME OF THE GUIDE	TITLE OF THE PROJECT
1	422120104011	Dineshbalaji M	Sr.Punitha Jilt,AP	Automatic Conversion 2d Image To 3d Model
	422120104024	Nithinshiyam K		
	422120104004	Akash A		
2	422120104026	Ponkishore T	Mr.K.Ramesh,AP	Sensory Detector Of Hazardous Gases In Poultry Farm
	422120104008	Aveenash S		
	422120104021	Logeshwaran D		
3	422120104016	Karthick K	Mr.R.Manickavasagan,AP	A Defensive Approach To Ransomware With Rangan And Hash Table
	422120104010	Chandru V		
	422120104005	Anbarasan S		
4	422120104027	Praveenkumar V	Mr.K.Satheesh,AP	Detection Of Phishing Websites Using Machine Learning
	422120104034	Thinagaran P		
5	422120104023	Natarajan P	Ms.T.Gayathri,AP	Image Detector An Image Tamper Resilient Using Invertible Neural Network
	422120104303	JeffreyPrasanaRaj J		
	422120104035	Udhayamoorthy R		
6	422120104009	Chandhiya S	Mrs.P.Nivetha,AP	Judicial Evidence Integrity And Security System For Proof Of Fair Judgment Laundering Activities
	422120104028	Sivarajaini L		
	422120104020	Leelavathi P		

**AUTOMATIC CONVERSION
2D IMAGE TO 3D MODEL
A PROJECT REPORT**

Submitted By

AKASH. A	422120104004
DINESHBALAJI. M	422120104011
NITHIN SHIYAM. K	422120104024

in partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

COMPUTER SCIENCE AND ENGINEERING



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

ANGUCHETTYPALAYAM, PANRUTI



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

BONAFIDE CERTIFICATE

Certified that **this** project report “**AUTOMATIC CONVERSION OF 2D IMAGE INTO 3D MODEL**” is the Bonafide work of **AKASH. A (422120104004)**, **DINESHBALAJLM (422120104011)**, **NITHIN SHIYAM. K (422120104024)**, who carried out the **project** work under my supervision.


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Submitted for the project viva-voce held on... 08/05/2024


INTERNAL EXAMINER


EXTERNAL EXAMINER

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**SENSORY DETECTOR OF HAZARDOUS GASES IN POULTRY FARM**” is the bonafide work of **S. AVEENASH (422120104008), D.LOGESHWARAN (422120104021), T.PONKISHORE (422120104026)** who carried out the project work under my supervision.



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Submitted for the project viva - voce held on.....08/05/2014.....



INTERNAL EXAMINER



EXTERNAL EXAMINER

**A DEFENSIVE APPROACH TO RANSOMWARE WITH
RANGAN AND HASH CONCEAL**

A PROJECT REPORT

Submitted by

S. ANBARASAN	422120104005
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In partial fulfillment for the award of the degree

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BACHELOR OF ENGINEERING

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**ST. ANNE'S COLLEGE OF ENGINEERING AND
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ANNA UNIVERSITY :: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “A DEFENSIVE APPROACH TO RANSOMWARE WITH RANGAN AND HASH CONCEAL” is the bonafide work of S. ANBARASAN (422120104005), V. CHANDRU (422120104010), K. KARTHICK (422120104016) who carried out the project work under my supervision.



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Submitted for the project viva - voce held on..02.10.5/2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

**GAURDIAN VAULT BUILDING A SECURE BACKUP
SOFTWARE
A PROJECT REPORT**

A Submitted By

**ANGEL MARINA.M
JASMINE MEDONA.A**

**422120104006
422120104014**

in partial for the fulfillment award of the degree

of

BACHELOR OF ENGINEERING

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COMPUTER SCIENCE AND ENGINEERING



**ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY
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BONAFIDE CERTIFICATE

Certified that this project report “**GUARDIAN VAULT BUILDING A SECURE BACKUP SOFTWARE** ” is the bonafide work of **ANGEL MARINA.M(422120104006),JASMINE MEDONA.A (422120104014)**, who carried out the project work under my supervision.



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INTERNAL EXAMINER



EXTERNAL EXAMINER

**DETECTION OF PHISHING WEBSITES USING
MACHINE LEARNING**

A PROJECT REPORT

Submitted by

V. PRAVEENKUMAR 422120104027

P. THINAGARAN 422120104034

In partial fulfillment for the award of the degree

of

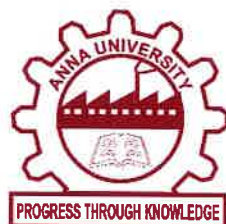
BACHELOR OF ENGINEERING

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COMPUTER SCIENCE AND ENGINEERING



**ST. ANNE'S COLLEGE OF ENGINEERING AND
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MAY 2024

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BONAFIDE CERTIFICATE

Certified that this project report “**DETECTION OF PHISHING WEBSITES USING MACHINE LEARNING**” is the bonafide work of **PRAVEENKUMAR V (422120104027), THINAGARAN P (422120104034)** who carried out the project work under my supervision.



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INTERNAL EXAMINER



EXTERNAL EXAMINER

**JUDICIAL EVIDENCE INTIGRITY AND SECURITY SYSTEM
FOR PROOF OF FAIR JUDGEMENT**

A PROJECT REPORT

Submitted by

S.CHANDHIYA 422120104009

P.LEELAVATHI 422120104020

L.SIVARANJANI 422120104028

In partial fulfillment for the award of the degree

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BACHELOR OF ENGINEERING

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ANNA UNIVERSITY: :CHENNAI 600 025

MAY 2024

BONAFIDE CERTIFICATE

Certified that this project report “ **JUDICIAL EVIDENCE INTIGRITY AND SECURITY SYSTEM FOR PROOF OF FAIR JUDGEMENT** ” is the bonafide work of “**S.CHANDHIYA (422120104009), P.LEELAVATHI (422120104020), L.SIVARANJINI (422120104028)** ” who carried out the project work under my supervision.



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Submitted for Project Viva-Voce Examination held on 8.05.2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

**AMLBOT: AN AI POWERED TRANSACTIONAL NETWORK
AND BEHAVIOUR ANALYSIS TO DETECT AND PREVENT
MONEY LAUNDERING ACTIVITIES**

A PROJECT REPORT

Submitted by

A.HARIPRIYA	422120104012
V.JAYASRI	422120104015
M.SUBASHINI	422120104030

In partial fulfillment for the award of the degree

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BACHELOR OF ENGINEERING

in

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**ST.ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
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ANNA UNIVERSITY:: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE


Certified that this project report “**AMLBOT: AN AI POWERED TRANSACTIONAL NETWORK AND BEHAVIOUR ANALYSIS TO DETECT AND PREVENT MONEY LAUNDERING ACTIVITIES**” is the bonafide certification project work of **A.HARIPRIYA(422120104012), V.JAYASRI(422120104015), M.SUBASHINI (422120104030)** who carried out the project work under my supervision.



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Submitted for the project viva-voce held on. **08.05..2024..**



INTERNAL EXAMINER



EXTERNAL EXAMINER

**SIGN UP WALLET A BLOCK CHAIN BASED PERSONALLY
IDENTIFIABLE INFORMATION (PII) MASKING USING
LOOKUP SUBSTITUTION**

A PROJECT REPORT

Submitted By

SIVARANJINI.R	422120104029
PADMAVATHY.T	422120104025
ANITHA.M	422120104007

In partial for the fulfillment award of the degree

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**ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
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ANNA UNIVERSITY::CHENNAI-600025

MAY - 2024

ANNA UNIVERSITY::CHENNAI-600025

BONAFIDE CERTIFICATE

Certified that this project report titled "SIGN UP WALLET A BLOCK CHAIN BASED PERSONALLY IDENTIFIABLE INFORMATION (PII) MASKING USING LOOKUP SUBSTITUTION" is the bonafide work of SIVARANJINI.R (422120104029), PADMAVATHY.T(422120104025),ANITHA.M (422120104007), who carried out the project work under my supervision.


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Submitted for the project viva-voce held on 08/05/24


INTERNAL EXAMINER


EXTERNAL EXAMINER

**TRUST - CENTRIC PRIVACY - PRESERVING BLOCKCHAIN
BASED DIGITAL CERTIFICATE LOCKER**

A PROJECT REPORT

Submitted by

J. MARIYA ASHA	422120104022
S. SUBASRI	422120104032
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BACHELOR OF ENGINEERING

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**ST.ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
ANGUCHETTYPALAYAM, PANRUTI**



ANNA UNIVERSITY::CHENNAI 600 025

MAY2024

ANNA UNIVERSITY::CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "TRUST - CENTRIC PRIVACY - PRESERVING BLOCKCHAIN BASED DIGITAL CERTIFICATE LOCKER" is the bonafide work of J. MARIYA ASHA (422120104022), S. SUBASRI (422120104032), P. VISHNUPRIYA (422120104037) who carried out the project work under my supervision.



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Submitted for the project viva-voce held on..08.05.2024..



INTERNAL EXAMINER



EXTERNAL EXAMINER

**VIRTUALHR: AI-DRIVEN AUTOMATION FOR EFFICIENT
AND UNBIASED CANDIDATE RECRUITMENT IN
SOFTWARE ENGINEERING ROLES**

A PROJECT REPORT

Submitted by

A.AGALYA	422120104002
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In partial fulfillment for the award of the degree

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BACHELOR OF ENGINEERING

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COMPUTER SCIENCE AND ENGINEERING



**ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY,
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ANNA UNIVERSITY:: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**VIRTUALHR:AI-DRIVEN AUTOMATION FOR EFFICIENT AND UNBIASED CANDIDATE RECRUITMENT IN SOFTWARE ENGINEERING ROLES**” is the bonafide work of **A.AGALYA (422120104002), S.KEERTHIKA (422120104019), G.SUBASRI (422120104031)** who carried out the project work under my supervision.

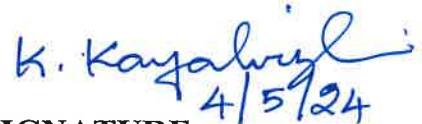


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Submitted for the project viva-voce held on. **08.05.24**



INTERNAL EXAMINER



EXTERNAL EXAMINER

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BONAFIDE CERTIFICATE

Certified that this project report “**IMAGE VACCINATOR AN IMAGE TAMPER RESILIENT USING INVERTIBLE NEURAL NETWORK**” is the bonafide work of **NATARAJAN.P(422120104023), UDHAYAMOORTHY.R (422120104035), JEFFERY PRASANNA RAJ.J(422120104023),**” who carried out the project work under my supervision.

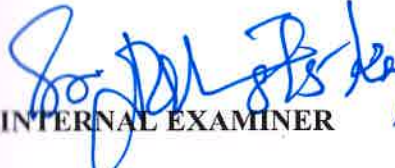

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Submitted for the Practical Project viva-voce held on 08-05-2024


INTERNAL EXAMINER


EXTERNAL EXAMINER



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

PROJECT BATCH LIST

BATCH	Register.NO	Name of the Student	Title of the project	Project Guide
BATCH-I				
1	422120105005	BHARANI S	MICROGRID SYSTEM WITH DEMAND RESPONSE PROGRAM USING GROSSHOPPER OPTIMIZATION ALGORITHM FOR ECONOMICAL OPERATION	Dr.V.Yogambari
2	422120105010	MONIKA R		
3	422120105501	RAJESHWARI		
BATCH-II				
1	422120105015	SANJAI D	IMPROVED SINGLE-STAGE TRANSFORMERLESS BUCK-BOOST INVERTER FOR ELECTRIC VEHICLE CHARGER	Dr.V.Shanmugam
2	422120105311	SAM ROSARIO A		
3	422120105307	GNANAMOORTHY R		
4	422120105020	VIVEKANANDHAN V		
BATCH-III				
1	422120105306	GIRIDHARAN S	OPTIMAL GENERATION COST AND EMISSION CONTROL FOR THE POWER SYSTEM USING POLITICAL OPTIMIZER ALGORITHM	Dr. K. Sriram
2	422120105018	SUBASHCHANDRABOSE S		
3	422120105303	ARAVIND R		
4	422120105310	RISHIDHARAN T		
BATCH-IV				
1	422120105002	ANTONY GEORGE S R	DESIGN OF A WIRELESS ELECTRIC VEHICLE CHARGING SYSTEMS USING INTERLEAVED BOOST CONVERTERS	Mr.J.Ramesh
2	422120105013	RAGUL R [11-09-2002]		
3	422120105314	VALLARASU S		
4	422120105309	KIRUBANIDHI T		
BATCH-V				
1	422120105008	IYYAPPAN I	OPTIMIZATION OF NETWORK RECONFIGURATION FOR LOSS MINIMIZATION AND VOLTAGE PROFILE IMPROVEMENT BY USING CHETAH OPTIMIZER	Mr. V.BALAJI
2	422120105009	MOHANRAJ S		
3	422120105016	SARAVANAN K		
4	422120105017	SASIDHAR A		



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING PROJECT BATCH LIST

BATCH-VI				
1	422120105014	RAGUL R [16-01-2003]	OPTIMAL LOAD FORECASTING OF REGIONAL DISTRIBUTION NETWORK USING GWO ALGORITHM	Mr. A. SUNDARA PANDIYAN
2	422120105019	VIGNESH V		
3	422120105007	DHIVAGAR M		
BATCH-VII				
1	422120105004	ASLIN JOSEPH S	OPTIMIZATION OF DG ALLOCATION IN DISTRIBUTION NETWORK BY ANTLION ALGORITHM	Mr. V.BALAJI
2	422120105301	ABINESH A		
3	422120105003	ARAVINDAN A		
BATCH-VIII				
1	422120105308	GURUMOORTHY P	DESIGN AND AUTOMATION OF A DUAL - AXIS SOLAR TRACKING AND CLEANING SYSTEM	Mrs.ARTHI
2	422120105312	SEDHU S		
3	422120105313	TAMIZHMANI T		
BATCH-IX				
1	422120105012	PRAVEEN RAJ R	DRAGONFLY OPTIMIZATION ALGORITHM BASED ALLOCATION AND SIZING OF ECONOMIC FACTS DEVICES UNDER CONTINGENCY CONDITION	Mr.S. Prabakaran
2	422120105011	MUTHU KUMAR M		
3	422120105305	CHANDRU C		
4	422120105315	VASANTHAKUMAR S		


PREPARED BY


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**MICROGRID SYSTEM WITH DEMAND RESPONSE PROGRAM
USING GROSSHOPPER OPTIMIZATION ALGORITHM FOR
ECONOMICAL OPERATION**

A PROJECT REPORT

Submitted by

BHARANI. S	422120105005
MONIKA. R	422120105010
RAJESWARI. A	422120105501

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRICAL AND ELECTRONICS ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**MICROGRID SYSTEM WITH DEMAND RESPONSE PROGRAM USING GROSSHOPPER OPTIMIZATION ALGORITHM FOR ECONOMICAL OPERATION**” is the bonafide work of “**BHARANI. S, MONIKA. R, RAJESWARI. A**” who carried out the project work under my supervision.


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Submitted for the university examination held on 10/5/24 - FN


INTERNAL EXAMINER


EXTERNAL EXAMINER

**IMPROVED SINGLE STAGE TRANSFORMERLESS
BUCK-BOOST INVERTER FOR ELECTRIC VEHICLE
CHARGER**

A PROJECT REPORT

Submitted by

SANJAI. D	422120105015
VIVEKANANDHAN.V	422120105020
GNANAMOORTHY. R	422120105307
SAM ROZARIO. A	422120105311

in partial fulfillment for the award of the degree

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in

ELECTRICAL AND ELECTRONICS ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

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BONAFIDE CERTIFICATE

Certified that this project report “**IMPROVED SINGLE STAGE TRANSFORMERLESS BUCK-BOOST INVERTER FOR ELECTRIC VEHICLE CHARGER**” is the bonafide work of “**D. SANJAI, V. VIVEKANANDHAN, R. GNANAMOORTHY, A. SAM ROZARIO**” who carried out the project work under my supervision.


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Submitted for the university examination held on 10.5.24


INTERNAL EXAMINER


EXTERNAL EXAMINER

**OPTIMAL GENERATION COST AND EMISSION CONTROL
FOR THE POWER SYSTEM USING POLITICAL OPTIMIZER
ALGORITHM**

A PROJECT REPORT

Submitted by

SUBASHCHANDRABOSE S	422120105018
ARAVIND R	422120105303
GIRIDHARAN S	422120105306
RISHIDHARAN T	422120105310

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRICAL AND ELECTRONICS ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

ANNA UNIVERSITY: CHENNAI 600 025

May 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**OPTIMAL GENERATION COST AND EMISSION CONTROL FOR THE POWER SYSTEM USING POLITICAL OPTIMIZER ALGORITHM**“ is the bonofide work of “**SUBASHCHANDRABOSE. S, ARAVIND. R, GIRIDHARAN. S, RISHIDHARAN. T**” who carried out the project work under my supervision.


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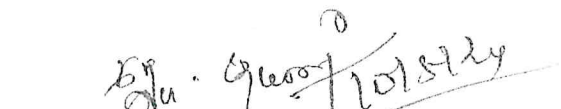
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Submitted for the university examination held on 10.05.2024 SFN


INTERNAL EXAMINER


EXTERNAL EXAMINER

**DESIGN OF A WIRELESS ELECTRIC VEHICLE
CHARGING SYSTEMS USING INTERLEAVED
BOOST CONVERTERS**

A PROJECT REPORT

Submitted by

ANTONY GEORGE. S.R	422120105002
RAGUL. R	422120105013
KIRUBANIDHI. T	422120105309
VALLARASU. S	422120105314

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ANNA UNIVERSITY :: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “DESIGN OF A WIRELESS ELECTRIC VEHICLE CHARGING SYSTEMS USING INTERLEAVED BOOST CONVERTERS” is the bonafide work of “S. R. ANTONY GEORGE, R. RAGUL, T. KIRUBANIDHI, S. VALLARASU” who carried out the project work under my supervision.

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10/5/24

INTERNAL EXAMINER

S. R. Antony George
10/5/24

EXTERNAL EXAMINER

**OPTIMAL NETWORK RECONFIGURATION
FOR LOSS MINIMIZATION OF DISTRIBUTION
SYSTEM USING CHEETAH OPTIMIZER**

PROJECT REPORT

Submitted by

IYYAPPAN.I

422120105008

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SASIDHAR.A

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Certified that this project report "OPTIMAL NETWORK RECONFIGURATION FOR LOSS MINIMIZATION OF DISTRIBUTION SYSTEM USING CHEETAH OPTIMIZER" is the bonafide work of "IYYAPPAN. I, MOHANRAJ. S, SARAVANAN. K, SASIDHAR. A" who carried out the project work under my supervision.


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V. Balaji

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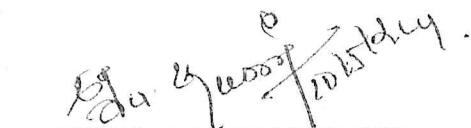
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Submitted for the university examination held on .10.5.24


INTERNAL EXAMINER


EXTERNAL EXAMINER

**OPTIMAL LOAD FORECASTING OF REGIONAL
DISTRIBUTION NETWORK USING GWO ALGORITHM**

A PROJECT REPORT

Submitted by

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RAGUL. R	422120105014
VIGNESH. V	422120105019

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**OPTIMAL LOAD FORECASTING OF REGIONAL DISTRIBUTION NETWORK USING GWO ALGORITHM**” is the bonafide work of “**DHIVAGAR. M, RAGUL .R , VIGNESH. V**” who carried out the project work under my supervision.


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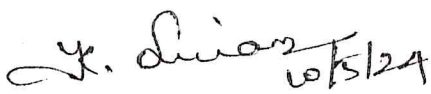
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Submitted for the university examination held on *10/05/2024*


INTERNAL EXAMINER


EXTERNAL EXAMINER

**OPTIMIZATION OF DG ALLOCATION IN DISTRIBUTION
NETWORK BY ANTLION ALGORITHM**

A PROJECT REPORT

*Submitted
by*

- | | |
|-------------------|----------------|
| 1. ARAVINDAN.A | (422120105003) |
| 2. ASLIN JOSEPH.S | (422120105004) |
| 3. ABINASH.A | (422120105301) |

in partial fulfillment for the award of the

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

**DESIGN AND AUTOMATION OF A
DUAL- AXIS SOLAR AND CLEANING SYSTEM**

A PROJECT REPORT

Submitted by

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TAMIZHMANI.T	422120105313

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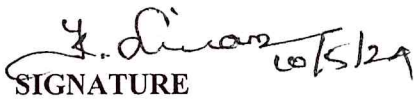
ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

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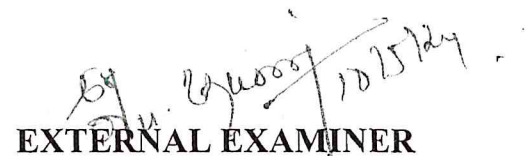
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Submitted for the university examination held on **10.05.24**


INTERNAL EXAMINER


EXTERNAL EXAMINER

**DRAGONFLY OPTIMIZATION ALGORITHM BASED
ALLOCATION AND SIZING OF ECONOMIC FACTS DEVICES
UNDER CONTINGENCY CONDITION**

A PROJECT REPORT

Submitted by

MUTHUKUMAR. M	422120105011
PRAVEENRAJ. R	422120105012
CHANDRU. P	422120105305
VASANTHAKUMAR. S	422120105315

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**DRAGONFLY OPTIMIZATION ALGORITHM BASED ALLOCATION AND SIZING OF ECONOMIC FACTS DEVICES UNDER CONTINGENCY CONDITION**” is the bonafide work of “**M. MUTHUKUMAR, R. PRAVEENRAJ, P. CHANDRU, S. VASANTHAKUMAR**” who carried out the project work under my supervision.


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INTERNAL EXAMINER


EXTERNAL EXAMINER



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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Accredited by NAAC

ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROJECT BATCH LIST

PERIOD: FEB 2024 – MAY 2024

BATCH: 2020 - 2024

YEAR/ SEMESTER: IV / V

S. No.	REGISTER NO.	NAME	NAME OF THE GUIDE	TITLE OF THE PROJECT
1	422120106003	LEELA G	Mr. S. Durai Raj, AP	AI- Driven Alarms for Enhanced Industrial Security
	422120106006	SHANMUGAPRIYA N		
	422120106007	SHEKINA JEBASTINA Y		
2	422120106004	NIVETHA U	Mrs. D. Umamaheswari, ASP Mr. R. Radhakrishnan, AP	Cognitive Smart Street Lighting Solution
	422120106005	SRIMATHI K		
	422120106009	RAJASR S		
	422120106304	KAYALVIZHI M		
3	422120106002	ANILKUMAR A	Mr. S. Balabasker, AP	AI Based Auto Micro Irrigation System
	422120106008	SRIHARI S		
	422120106303	CHANDRU D		
4	422120106305	LINGESHWARAN R	Mrs. B. Mary Amala Jenni, AP Mr. V. Venkatesan, AP	AI Enabled Human Tracking System Using Drone Technology
	422120106301	AJITH M		
	422120106011	VANJINATHAN G		
	422120106013	VASANTHA KUMAR M		
5	422120106001	AKASH R	Mr. B. Arunkumar, AP Mrs. A. Samadhanpriya, AP	Robovac
	422120106010	UMAMAGESHWARAN D		
	422120106012	VASNTHAN V		
	422120106302	AJITHKUMAR V		

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AI BASED AUTO MICRO IRRIGATION SYSTEM

A PROJECT REPORT

Submitted by

ANILKUMAR A

422120106002

SRIHARI S

422120106008

CHANDRU D

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BACHELOR OF ENGINEERING

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ELECTRONICS AND COMMUNICATION ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “AI BASED AUTO MICRO IRRIGATION SYSTEM” is the bonafide work of “A. ANILKUMAR (422120106002), S.SRIHARI (422120106008), D. CHANDRU (422120106303)” who carried out the project work under my supervision.



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Submitted for the ANNA UNIVERSITY examination held on 8.5.2024



INTERNAL EXAMINER



EXTERNAL EXAMINER

**AI-DRIVEN ALARMS FOR ENHANCED INDUSTRIAL
SECURITY**

A PROJECT REPORT

Submitted by

LEELA. G

422120106003

SHANMUGAPRIYA. N

422120106006

SHEKINA JEBASTINA. Y

422120106007

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ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AI-DRIVEN ALARMS FOR INDUSTRIAL SECURITY" is the bonafide work of "G. LEELA (422120106003), N. SHANMUGAPRIYA (422120106006), Y. SHEKINA JEBASTINA (422120106007)" who carried out the project work under my supervision.


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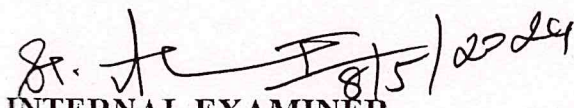
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Panruti – 607106

Submitted for the ANNA UNIVERSITY examination held on 8.05.2024


INTERNAL EXAMINER


EXTERNAL EXAMINER

**AI ENABLED HUMAN TRACKING SYSTEM USING
DRONE TECHNOLOGY**

A PROJECT REPORT

Submitted by

LINGESHWARAN .R	422120106305
AJITH .M	422120106301
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VASANTHA KUMAR.M	422120106013

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MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AI ENABLED HUMAN TRACKING SYSTEM USING DRONE TECHNOLOGY" is the bonafide work of

LINGESHWARAN.R (422120106305), AJITH.M (422120106301)
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INTERNAL EXAMINER



EXTERNAL EXAMINER

ROBOVAC

A PROJECT REPORT

Submitted by

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UMAMAGESHWARAN. D

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ANNA UNIVERSITY: CHENNAI 600 025

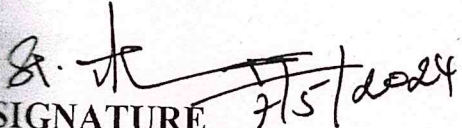
MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report "ROBOVAC" is the bonafide work of

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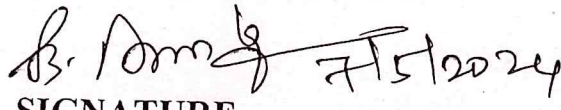
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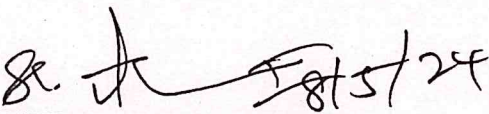
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INTERNAL EXAMINER


EXTERNAL EXAMINE

COGNITIVE SMART STREET LIGHTING SOLUTION

A PROJECT REPORT

Submitted by

U. NIVETHA

422120106004

S. RAJASRI

422120106005

K. SRIMATHI

422120106009

M. KAYALVIZHI

422120106304

in partial fulfilment for the award of the degree

of

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MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report "COGNITIVE SMART STREET LIGHTING SOLUTION" is the bonafide work of "S. RAJASRI (422120106005), U. NIVETHA (422120106004), M. KAYALVIZHI (422120106304), K.SRIMATHI" (422120106009) who carried out the project work under my supervision.


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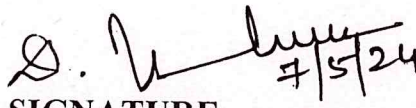
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INTERNAL EXAMINER


EXTERNAL EXAMINER



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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

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DEPARTMENT OF MECHANICAL ENGINEERING

ME8811 PROJECT WORK

BATCH 2020- 2024

YEAR/SEM: IV/VIII

Batch No	Reg.No	Student Name	Title	Guide Name
1	422120114003	Balaji R	Optimization of Machining Parameters on SS304 Material Using Orthogonal Array Method	Mr.K.Saravanan Assistant Professor Department of Mechanical.
	422120114006	Jayapradha P		
	422120114015	Sathish K		
	422120114315	Raja S		
2	422120114004	Gugan S	Tribological Behaviour of WS ₂ /Cu Coated AA7075 by Electrical Discharge Coating Process	Mr.K. Shanmuga Elango Assistant Professor Department of Mechanical.
	422120114006	Mohanaraj S		
	422120114009	Muthukumaran K		
	422120114309	Praveen Raj U		
3	422120114001	Alwin Brunix J	Investigation on Performance of Hybrid Natural Fibres Reinforced Polymers	Mr.P.Murugan Assistant Professor Department of Mechanical.
	422120114010	Nagaraj N		
	422120114012	Prasanth S		
	422120114303	Dinesh S		
4	422120114014	Sarathi S	Structural Analysis of Car Crash	Mr.R.Jayakumar Assistant Professor Department of Mechanical.
	422120114311	Raghul R		
	422120114314	Santhosh S		
5	422120114002	Aravindhan S	Investigation Of Process Parameters On Deposition Rate And Surface Roughness Of Electro Discharge Coating On AA7075 Aluminium Alloy	Mr.M.Sivamanikandan Assistant Professor Department of Mechanical.
	422120114011	Naresh D		
	422120114017	Vikram K		
	422120114301	Anbumani L		
6	422120114005	Gurudevan S	Structural and Vibrational Analysis of Connecting rod by Various Materials	Mr.R.Sasikumar Associate Professor Department of Mechanical.
	422120114013	Sarathi K		
	422120114016	Thivan T		
	422120114315	Thirunavukarasan J		

K. S. 15/12/2024
PROJECT COORDINATOR

K. S. 15/12/2024
HOD

R. Aravindhan
PRINCIPAL

Dr.R.AROKIADASS, M.E., Ph.D.,
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**OPTIMIZATION OF MACHINING PARAMETERS
ON SS304 MATERIAL USING ORTHOGONAL
ARRAY METHOD**

A PROJECT REPORT

Submitted by

**BALAJI R
JAYAPRADHA P
SATHISH K
RAJA S**

**(422120114003)
(422120114006)
(422120114015)
(422120114312)**

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

PANRUTI-607 106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “OPTIMIZATION OF MACHINING PARAMETERS ON SS304 MATERIAL USING ORTHOGONAL ARRAY METHOD” is the bonafide work of “BALAJI.R (422120114003), JAYAPRADHA.P (422120114006), SATHISH.K (422120114015) and RAJA.S (422120114312) ” who carried out the project under my supervision.


SIGNATURE

Mr. K. Shanmuga Elango, M.Tech., (Ph.D.)
HEAD OF MECHANICAL DEPARTMENT

Department of Mechanical
Engineering,
St. Anne’s College of Engineering
and Technology,
Panruti.


SIGNATURE


Mr. K. Saravanan, M.E., (Ph.D.)
SUPERVISOR

Assistant Professor

Department of Mechanical
Engineering,
St. Anne’s College of
Engineering and Technology,
Panruti.

Submitted for project viva-voce examination held on 09/05/24 / F.N


INTERNAL EXAMINER


EXTERNAL EXAMINER

**TRIBOLOGICAL BEHAVIOUR OF WS₂/Cu
COATED ON AA7075 BY ELECTRICAL
DISCHARGING COATING PROCESS**

A PROJECT REPORT

Submitted by

GUGAN S	(422120114004)
MOHANARAJ S	(422120114008)
MUTHUKUMARAN K	(422120114009)
PRAVEEN RAJU	(422120114309)

in partial fulfillment for the award of the degree

of

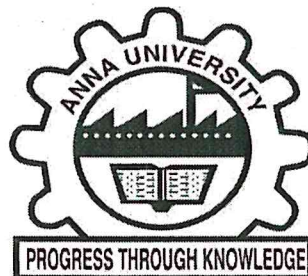
BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

PANRUTI-607106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**TRIBOLOGICAL BEHAVIOUR OF WS₂/Cu COATED ON AA7075 BY ELECTRICAL DISCHARGING COATING PROCESS**” is the bonafide work of “**GUGAN S (422120114004), MOHANARAJ S (422120114008), MUTHUKUMARAN K (422120114009) and PRAVEEN RAJ U (422120114309)**” who carried out the project under my supervision.



SIGNATURE

Mr.K. SHANMUGA ELANGO, M.Tech (Ph.D),
HEAD OF THE DEPARTMENT
Department of Mechanical Engineering,
St.Anne's College of Engineering
and Technology,
Panruti-607106.



SIGNATURE

Mr.K. SHANMUGA ELANGO, M.Tech (Ph.D),
SUPERVISOR
Assistant Professor
Department of Mechanical Engineering,
St.Anne's College of Engineering
and Technology,
Panruti-607106.

Submitted to the Project Report Viva Voce held on 09/05/24 F.N



INTERNAL EXAMINER



9/5/24

EXTERNAL EXAMINER

**INVESTIGATION ON PERFORMANCE OF
HYBRID NATURAL REINFORCED
POLYMERS**

A Project Report

Submitted by

ALWIN BRUNIX J	(422120114001)
NAGARAJ N	(422120114010)
PRASANTH S	(422120114012)
DINESH S	(422120114303)

in partial fulfillment for the award of the degree

of

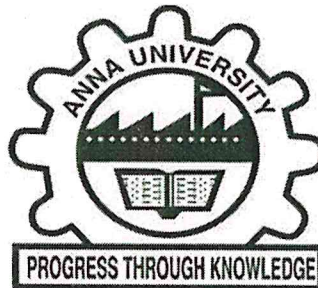
BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

PANRUTI-607106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that the Project report about “**INVESTIGATION ON PERFORMANCE OF HYBRID NATURAL FIBRES REINFORCED POLYMERS**” is a bonafide work of **ALWIN BRUNIX J (422120114001), NAGARAJ N (422120114010), PRASANTH S (422120114012) and DINESH S (422120114303)** who carried out the project work under my supervision.


SIGNATURE

Mr.K.Shanmuga Elango,M.Tech.,(Ph.D).

(Head of Mechanical Department)

Department of Mechanical
Engineering.

St.Anne’s College of Engineering and
Technology,

Panruti-607106.


SIGNATURE

Mr.P.Murugan,M.E.

(Assistant Professor & Supervisor)

Department of Mechanical
Engineering

St.Anne’s College of Engineering
and Technology,

Panruti-607106.

Submitted to the project report viva voce held on

9/5/2024/AN


Internal Examiner


External Examiner

9/5/24

**STRUCTURAL ANALYSIS OF
CAR CRASH**

A PROJECT REPORT

Submitted by

SARATHI S	(422120114014)
RAGHUL R	(422120114311)
SANTHOSH S	(422120114314)

*in partial fulfillment for the award of the degree
of*

BACHELOR OF ENGINEERING

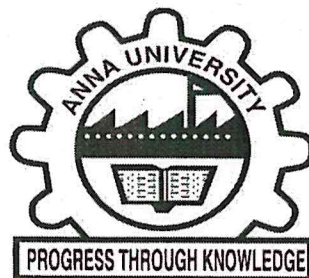
in

MECHANICAL ENGINEERING

ST. ANNE'S

COLLEGE OF ENGINEERING AND TECHNOLOGY

PANRUTI-607106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “STRUCTURAL ANALYSIS OF CAR CRASH” is the bonafide work of “SARATHI.S (422120114014), RAGHUL.R (422120114311) and SANTHOSH .S (422120114314)” who carried out the project under my supervision.


SIGNATURE

Mr.K. SHANMUGA ELANGO,M.Tech (Ph.D),
HEAD OF DEPARTMENT
Department of Mechanical Engineering,
St.Anne’s College of Engineering
and Technology,
Panruti-607106.


SIGNATURE

Mr.R. JAYAKUMAR, M.E
SUPERVISOR
Assistant Professor,
Department of Mechanical Engineering,
St.Anne’s College of Engineering
and Technology,
Panruti-607106.

Submitted to the Project Report Viva Voce held on 09-05-2024 EN


INTERNAL EXAMINER


EXTERNAL EXAMINER 9/5/24

**INVESTIGATION OF PROCESS PARAMETERS
ON DEPOSITION RATE AND SURFACE
ROUGHNESS OF ELECTRO DISCHARGE
COATING ON AA7075 ALUMINIUM ALLOY**

A PROJECT REPORT

Submitted by

ARAVINDHAN S	(422120114002)
NARESH D	(422120114011)
VIKRAM K	(422120114017)
ANBUMANI L	(422120114301)

in partial fulfillment for the award of the degree

of

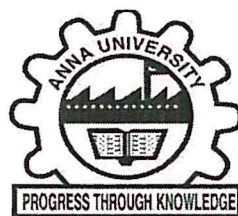
BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

PANRUTI - 607106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**INVESTIGATION OF PROCESS PARAMETERS ON DEPOSITION RATE AND SURFACE ROUGHNESS OF ELECTRO DISCHARGE COATING ON AA7075 ALUMINIUM ALLOY**” is the bonafide work of “**ARAVINDHAN S (422120114002), NARESH D (422120114011), VIKRAM K (422120114017) and ANBUMANI L (422120114301)**” who carried out the project under my supervision.

SIGNATURE

Mr.K.Shanmuga Elango, M.Tech.,(Ph.D.)

HEAD OF THE DEPARTMENT

Department of Mechanical Engineering,
St.Anne’s College of Engineering
and Technology,
Panruti-607106

SIGNATURE

Mr.M.Sivamanikandan, M.Tech.,

SUPERVISOR

Assistant Professor,
Department of Mechanical Engineering,
St.Anne’s College of Engineering
and Technology,
Panruti-607106

Submitted to the Project Report Viva - Voce held on 09/05/2024 .F-N

INTERNAL EXAMINER

EXTERNAL EXAMINER

STRUCTURAL AND VIBRATIONAL ANALYSIS OF CONNECTING ROD USING VARIOUS MATERIALS

A Project Report

Submitted by

GURUDEVAN S

(422120114005)

SARATHI K

(422120114013)

THIVAN T

(422120114016)

THIRUNAVUKARASAN J

(422120114315)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

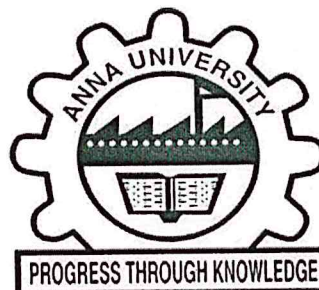
in

MECHANICAL ENGINEERING

ST. ANNE'S COLLEGE OF ENGINEERING AND

TECHNOLOGY

ANGUCHETTIPALAYAM, PANRUTI-607106



ANNA UNIVERSITY: CHENNAI 600 025

MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that the Project report about “**STRUCTURAL AND VIBRATIONAL ANALYSIS OF CONNECTING ROD BY VARIOUS MATERIALS**” is a bonafide work of **GURUDEVAN S (422120114005)**, **SARATHI K(422120114013)**, **THIVANT (422120114016)** and **THIRUNAVUKARASAN J (422120114315)** who carried out the project work under my supervision.



SIGNATURE

Mr.K.Shanmuga Elango,M.Tech.,(Ph.d).

(Head of Mechanical Department)

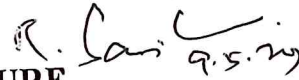
Department of Mechanical

Engineering.

St.Anne’s College of Engineering and

Technology,

Panruti-607106.



SIGNATURE

Dr.R.Sasikumar,M.E.,Ph.D.

(Associate Professor & Supervisor)

Department of Mechanical

Engineering

St.Anne’s College of Engineering and

Technology,

Panruti-607106.

Submitted to the project report viva voce held on 9-5-24



Internal Examiner



External Examiner



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

IDEA CONTEST



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ANGUCHETTYPALAYAM, PANRUTI – 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

(2023 – 2024)

CIR. No.: SANCET/ECE/CIR./14

04. 10. 2023


It is informed that the Department of Electronics and Communication Engineering in association with Electronics and Communication Scientia Association (ECSA) will be conducting the National level Idea Contest “IDEAMAKERS -2023” on 06th October 2023 at 10.00 AM. All the students and staff are invited.

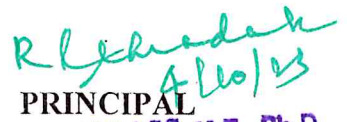
Inauguration Venue : Auditorium

Virtual Presentation Link : <https://meet.google.com/rfv-yuoq-qhs>

Offline Presentation Venue: R&D CELL

S. D. S. 7/4/10/2023
B. Jee 4/10/23
EVENT COORDINATOR


HoD
ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Siruvathur-Post, Panruti-T.e.,
Cuddalore-Dist. 607 110


PRINCIPAL
Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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Anguchettypalayam, Panruti - 607106.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PRESENTS

IDEA MAKERS - 2023

(06.10.2023)

THEMES



Exciting Cash Prizes
for Winners

Registration Fee
Rs.150/Member

1 Registration Starts on
11.09.2023

2 Last date of Idea Submission
30.09.2023

3 Selection Intimation
02.10.2023

EVENT PARTNERS

enthutech®



eaz@things eDiY LaBs
MAD ABOUT INNOVATION



STAFF COORDINATORS

Mr. S. Durairaj, AP/ECE - 9789578316,
Mrs. B. Mary Amala Jenni, AP/ECE - 8056731960

STUDENT COORDINATORS

Mr. S. Srihari - 9943829848
Ms. S. Rajasri - 8838538203

For details & registration visit

www.stannescet.ac.in/event/ideamakers2023/



St. Anne's CET (ECE Department) <ece@stannescet.ac.in>

Invitation to Serve as Chief Guest at IDEAMAKERS-2023 and Deliver a Talk on Entrepreneurship as a Career Opportunity

St. Anne's CET (ECE Department) <ece@stannescet.ac.in>

Sat, Sep 9, 2023 at 9:38 AM

To: ceo@aicpecf.org, Kameswaran S <kameswaran.s@aicpecf.org>

Dear Mr. V. Vishnu Varadan, CEO, Atal Incubation Centre Pondicherry Engineering College Foundation,

I hope this email finds you in good health and high spirits. On behalf of the Department of Electronics and Communication Engineering at St. Anne's College of Engineering and Technology, Panruti, I am delighted to extend our warmest greetings to you.

We are thrilled to invite you to our upcoming event **IDEAMAKERS-2023** on **October 6, 2023**, where we are hosting a session on **"Entrepreneurship as a Career Opportunity."** We believe your extensive experience and profound insights in the field of entrepreneurship make you the perfect candidate to serve as our **esteemed Chief Guest** for this event.

At St. Anne's College of Engineering and Technology, we are committed to fostering an environment that encourages innovation and entrepreneurship among our students. Your presence and words of wisdom would undoubtedly inspire and guide our aspiring engineers and future entrepreneurs. Your experiences and expertise in this field would be invaluable to them as they embark on their professional journeys.

We understand the demands on your time and schedule and assure you that your participation in our event will be greatly appreciated. We are more than willing to accommodate any preferences or requirements you may have regarding your talk and the event logistics.


Please let us know your availability and any specific requirements you may have, such as audio-visual equipment or presentation materials, so that we can make the necessary arrangements.

Once again, we extend our heartfelt invitation to you and hope you will accept our request to be our Chief Guest. Your presence will undoubtedly make our event a resounding success.

Thank you for considering our invitation, and we look forward to your positive response.

Note: Sample Invitation & Agenda attached

Warm regards,
IDEAMAKERS-2023,
Department of Electronics and Communication Engineering
St. Anne's College of Engineering and Technology, Panruti
Mr.S.BALABASKER - 9944374993

 **Agenda_Ideamakers-2023.pdf**
159K

10/13/23, 9:49 AM

St. Anne's College of Engineering and Technology Mail - Invitation to Serve as Chief Guest at IDEAMAKERS-2023 and Deliver a...



St. Anne's CET (ECE Department) <ece@stannescet.ac.in>

Invitation to Serve as Chief Guest at IDEAMAKERS-2023 and Deliver a Talk on Entrepreneurship as a Career Opportunity

Chief Executive Officer AICPECF <ceo@aicpecf.org>

Thu, Sep 21, 2023 at 7:15 PM

To: "St. Anne's CET (ECE Department)" <ece@stannescet.ac.in>

Cc: Kameswaran S <kameswaran.s@aicpecf.org>

Dear Sir,

Wish to inform you that I am available on 6th October for the Ideamakers event.

I was able to persuade and prepone my earlier commitment.

I confirm my availability for the same in 6th Oct.

Thanks & Regards

Vishnu Varadan

CEO

AIC-PEC Foundation

Puducherry Technological University

[Quoted text hidden]



St. Anne's CET (ECE Department) <ece@stannescet.ac.in>

Invitation to Serve as Jury at IDEAMAKERS-2023

St. Anne's CET (ECE Department) <ece@stannescet.ac.in>
To: splendidsarath@gmail.com

Thu, Sep 28, 2023 at 7:21 PM

Dear Mr. R. Sarathkumar, Senior Automation Engineer,

I hope this email finds you in good health and high spirits. On behalf of the Department of Electronics and Communication Engineering at St. Anne's College of Engineering and Technology, Panruti, I am delighted to extend our warmest greetings to you.

We are thrilled to invite you to our upcoming event **IDEAMAKERS-2023** on **October 6, 2023**, We believe your extensive experience makes you the perfect candidate to serve as our **Jury** for this event.

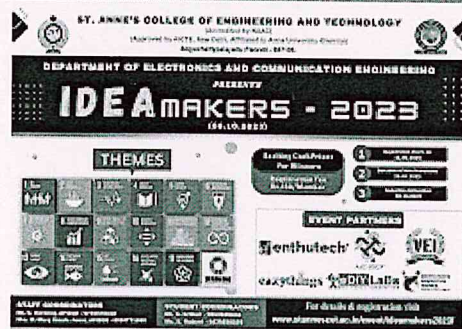
At St. Anne's College of Engineering and Technology, we are committed to fostering an environment that encourages innovation and entrepreneurship among our students. Your presence and words of wisdom would undoubtedly inspire and guide our aspiring engineers and future entrepreneurs. Your experiences and expertise in this field would be invaluable to them as they embark on their professional journeys.

Once again, we extend our heartfelt invitation to you and hope you will accept our request to be our Jury. Your presence will make our event a resounding success.

Thank you for considering our invitation, and we look forward to your positive response.

Note: Brochure attached

Warm regards,
IDEAMAKERS-2023,
Department of Electronics and Communication Engineering
St. Anne's College of Engineering and Technology, Panruti
Mr.S.BALABASKER - 9944374993
Mr.S.DURAIRAJ - 9789578316
Mrs.B.MARY AMALA JENNI - 8056731960



IDEAMAKERS-2023.png
1108K



St. Anne's CET (ECE Department) <ece@stannescet.ac.in>

Invitation to Serve as Jury at IDEAMAKERS-2023

St. Anne's CET (ECE Department) <ece@stannescet.ac.in>
To: "dayanar@srmist.edu.in" <dayanar@srmist.edu.in>

Wed, Sep 27, 2023 at 2:45 PM

Dear Dr. R. Dayana, Associate Professor, ECE

I hope this email finds you in good health and high spirits. On behalf of the Department of Electronics and Communication Engineering at St. Anne's College of Engineering and Technology, Panruti, I am delighted to extend our warmest greetings to you.

We are thrilled to invite you to our upcoming event **IDEAMAKERS-2023** on **October 6, 2023**, We believe your extensive experience makes you the perfect candidate to serve as our **Jury** for this event.

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Thank you for considering our invitation, and we look forward to your positive response.

Note: Brochure attached

Warm regards,
IDEAMAKERS-2023,
Department of Electronics and Communication Engineering
St. Anne's College of Engineering and Technology, Panruti
Mr.S.BALABASKER - 9944374993
Mr.S.DURAIRAJ - 9789578316
Mrs.B.MARY AMALA JENNI - 8056731960



IDEAMAKERS-2023.png
1108K



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

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ANGUCHETTYPALAYAM, PANRUTI – 607 106.



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IDEAMAKERS – 2023

REGISTRATION FORM

BATCH NO	TEAM ID	COLLEGE NAME	TEAM MEMBERS	TITLE	Signature
1.	1072	Christ College of Engineering and Technology, Puducherry	A. Haridoss	Gender Equality	A. Haridoss
2.	1110	Sri Eshwar College of Engg, Coimbatore	C. U. Arun Jaya Pathi Aravinth Raja	Smart Education	C. U. Arun Jaya Pathi Aravinth Raja
3.	1104	Krishnasamy CET & Sri Manakula Vinayagar Institute of Tech	Asha Priya R. Yuvan Prabhu	Aqua Curator	Asha Priya R. Yuvan Prabhu
4.	1099	Idhaya Engg College for Women, Chinnasalem	A. Lurdhu Priya S. Manosri	Iot Based Agribot Using Cloud Computing and Mobile App	A. Lurdhu Priya S. Manosri
5.	1074	Sri Eshwar College of Engineering, Coimbatore	M. Arun Prakash	Uzhavan Search	M. Arun Prakash
6.	1096	University College of Engineering, Panruti	V. Vanitha T. Malathi K. Nithyasri I. Gajalakshmi	Evolution of Machine Learning & Applications	V. Vanitha T. Malathi K. Nithyasri I. Gajalakshmi
7.	1066	St. Anne's College of Engg & Tech	S. M. Kamali Nisha S. Varthika A. Arjunam M. Madhanbharath	Gender Equality	S. M. Kamali Nisha S. Varthika A. Arjunam M. Madhanbharath
8.	1054	Mailam Engineering College	B. Dinesh S. Mohammed Ijazahamed	Good Health and well being	B. Dinesh
9.	1052	University College of Engineering, Panruti	K. Dhivya S. Dharshana P. T. Negetha Sree M. Balamurugan	AI in Chandrayaan 3	K. Dhivya S. Dharshana P. T. Negetha Sree M. Balamurugan
10.	1064	St. Anne's College of Engg & Tech (SANCET)	Sheik Mohammed Arunagiri	Life on Land	Sheik Mohammed Arunagiri
11.	1026	Annai Velankanni Polytechnic College (AVPTC)	K. Peer Mohammed Khan C. Godwin Thomas A. Thomas P. Kerson	Quality Education	K. Peer Mohammed Khan C. Godwin Thomas A. Thomas P. Kerson
12.	1016	AVPTC	Joy Angalo Padmavathi	Smart Agricultural Systems	Joy Angalo Padmavathi
13.	1063	SANCET	A. Abdul Wahab Sheik Mohammed	No Poverty	A. Abdul Wahab Sheik Mohammed



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14.	1008	AVPTC	Akshaya Indra Devi	Women's Safety	Akshaya Indra Devi
15.	1009	AVPTC	Domnic Tejas Arunachalam Pradeeswaran	Smart Traffic Control System	Domnic Tejas Arunachalam Pradeeswaran
16.	1012	AVPTC	A. Vigneshwari	Electric Wire Damage Prevention and Report	A. Vigneshwari
17.	1020	AVPTC	A. Kishore Kaviyarasan	IoT Based Spy Cam Robot	A. Kishore Kaviyarasan
18.	1107	St. Anne's College of Engg & Tech	Rishidharan T Giridharan S Praveen	IoT Based Vehicle Monitoring System	Rishidharan T Giridharan S Praveen
19.	1109	SANCET	Bharani S	Bullet Proof Sheets using Graphene	Bharani S
20.	1024	SANCET	Mohan J	Agri Tech	Mohan J
21.	1112	CK College of Engineering & Technology	S.Yogasri	Sign language translator	S.Yogasri
22.	1112	CK College of Engineering & Technology	Mirudhula	Sign language translator	Mirudhula
23.	1112	CK College of Engineering & Technology	Swetha	Sign language translator	Swetha
24.	1114	CK College of Engineering & Technology	Kamali	Bionic eye -a possible path towards the artificial retina	Kamali
25.	1114	CK College of Engineering & Technology	Pavithra	Bionic eye -a possible path towards the artificial retina	Pavithra
26.	1114	CK College of Engineering & Technology	Kiruthika	Bionic eye -a possible path towards the artificial retina	Kiruthika
27.	1007	AVPTC	Vigneshwaran R	Real Time Chat Bot	Vigneshwaran R

S. D. 6/10/23
S. D. 7/6/10/2023
EVENT COORDINATOR

S. D.
HOD

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTIPALAYAM,
Siruvathur-Post, Panruti-T.A
Cuddalore-Dist. 607 106



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ANGUCHETTYPALAYAM, PANRUTI - 607 106.

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

ATTENDANCE SHEET

Event Type: National Level Idea Contest

Event Title: Ideamakers-2023

Date: 06.10.2023

SI. NO.	TEAM ID	NAME	COLLEGE NAME	SIGNATURE
1.	1072	A. Haridoss	Christ College of Engineering and Technology, Puducherry	A. Haridoss
2.	1110	C. U. Arun Jaya Pathi	Sri Eshwar College of Engg, Coimbatore	C. U. Arun Jaya Pathi
3.		Aravinth Raja		Aravinth Raja
4.		Asha Priya		Asha Priya
5.	1104	R. Yuvan Prabhu	Sri Manakula Vinayagar Institute of Tech	R. Yuvan Prabhu
6.	1099	A. Lurdhu Priya	Idhaya Engineering College for Women, Chinnasalem	A. Lurdhu Priya
7.		S. Manosri		S. Manosri
8.	1074	M. Arun Prakash	Sri Eshwar College of Engineering, Coimbatore	M. Arun Prakash
9.	1096	V. Vanitha	University College of Engineering, Panruti	V. Vanitha
10.		T. Malathi		T. Malathi
11.		K. Nithyasri		K. Nithyasri
12.		I. Gajalakshmi		I. Gajalakshmi
13.	1066	S. M. Kamali Nisha	St. Anne's College of Engg & Tech	S. M. Kamali Nisha
14.		S. Varthika		S. Varthika
15.		A. Arjunam		A. Arjunam
16.		M. Madhanbharath		M. Madhanbharath
17.	1054	B. Dinesh	Mailam Engineering College	B. Dinesh
18.		S. Mohammed Ijazahamed		S. Mohammed Ijazahamed
19.	1052	K. Dhivya	University College of Engineering, Panruti	K. Dhivya
20.		S. Dharshana		S. Dharshana
21.		P.T. Negetha Sree		P.T. Negetha Sree
22.		M. Balamurugan		M. Balamurugan
23.	1064	Sheik Mohammed	St. Anne's College of Engg & Tech (SANCET)	Sheik Mohammed
24.		Arunagiri		Arunagiri
25.		K. Peer Mohammed Khan	Annai Velankanni Polytechnic	K. Peer Mohammed Khan



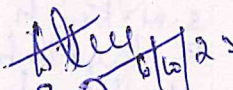
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26.	1026	C. Godwin Thomas	College (AVPTC)	C. Godwin Thomas
27.		A. Thomas		A. Thomas
28.		P. Kerson		P. Kerson
29.	1016	Joy Angalo	AVPTC	Joy Angalo
30.		Padmavathi		Padmavathi
31.	1063	A. Abdul Wahab	SANCET	A. Abdul Wahab
32.		Sheik Mohammed		Sheik Mohammed
33.	1008	Akshaya	AVPTC	Akshaya
34.		Indra Devi		Indra Devi
35.	1009	Domnic Tejas	AVPTC	Domnic Tejas
36.		Arunachalam		Arunachalam
37.		Pradeeswaran		Pradeeswaran
38.	1012	A. Vigneshwari	AVPTC	A. Vigneshwari
39.	1020	A. Kishore	AVPTC	A. Kishore
40.		Kaviyarasan		Kaviyarasan
41.	1107	Rishidharan T	St. Anne's College of Engg & Tech (SANCET)	Rishidharan T
42.		Giridharan S		Giridharan S
43.		Praveen		Praveen
44.	1109	Bharani S	SANCET	Bharani S
45.	1024	Mohan J	SANCET	Mohan J
46.	1112	S.Yogasri	CK College of Engineering & Technology	S. Yogasri
47.		Mirudhula		Mirudhula
48.		Swetha		Swetha
49.	1114	Kamali	CK College of Engineering & Technology	Kamali
50.		Pavithra		Pavithra
51.		Kiruthika		Kiruthika
52.	1007	Vigneshwaran R	AVPTC	Vigneshwaran R.


 S. Durgam
 6/10/2023
 EVENT CO-ORDINATOR


 HOD

ECE Department,
 St. Anne's College of Engineering & Technology,
 ANGUCHETTIPALAYAM,
 Siruvathur-Post, Panruti-T.
 Cuddalore-Dist. 607 106.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IDEAMAKERS – 2023

TIME SCHEDULE

BATCH. NO	TEAM ID	COLLEGE NAME	TEAM MEMBERS	TITLE	TIME
ONLINE PRESENTATION					
GOOGLE MEET ID: https://meet.google.com/rfv-yuoq-qhs					
1.	1060	St. Mother Theresa Engineering College, Tuticorin	Vinoth Jeisurya Sutherson Isac	A Novel Table Tennis Robot based on Arduino	11.30 AM to 11.37AM
2.	1070	St. Mother Theresa Engineering College, Tuticorin	Flinton Siyanth	Lifetime Estimation of Watch Battery	11.37 AM to 11.44 AM
3.	1077	St. Mother Theresa Engineering College, Tuticorin	G. Selvajothi M. Selvamadathi	Decent Work and Economic Growth	11.44 AM to 11.51 AM
4.	1080	St. Mother Theresa Engineering College, Tuticorin	M. Roseline Jemimah K. Thangaselvi M. Muthumahalakshmi	Good Education	11.51 AM to 11.58AM
5.	1084	St. Mother Theresa Engineering College, Tuticorin	S. Vidyashree S. Varshini P. Iswarya N. Madhuri	Water Purity Testing Using Ph and Turbidity Sensors	11.58 AM to 12.05PM
6.	1097	St. Mother Theresa Engineering College, Tuticorin	P. Christy Jenisha	Image Dehazing By Using Laplacian Approach with Contrast Adjustment	12.05 PM to 12.13 PM
7.	1100	St. Mother Theresa Engineering College, Tuticorin	S. Anantha Priya	Augmented Reality vs Virtual Reality	12.18 PM to 12.25 PM
OFFLINE PRESENTATION					
8.	1072	Christ College of Engineering and Technology	A. Haridoss	Gender Equality	12.25 PM to 12.32 PM
9.	1110	Sri Eshwar College of Engg, Coimbatore	C. U. Arun Jaya Pathi Aravinth Raja	Smart Education	12.32 PM to 12.39 PM
10.	1104	Krishnasamy CET & Sri Manakula Vinayagar College	Asha Priya R. Yuvan Prabhu	Aqua Curator	12.39 PM to 12.46 PM
11.	1099	Idhaya Engg College for Women	A.Lurdhu Priya S. Manosri	IoT Based Agribot Using Cloud Computing and Mobile App	12.46 PM to 12.53 PM



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12.	1074	Sri Eshwar College of Engineering, Coimbatore	M. Arun Prakash	Uzhavan Search	12.53 PM to 1.00 PM
13.	1096	University College of Engineering, Panruti UCEP	V.Vanitha	Machine Learning in Sustainable Technology Development	1.00 PM to 1.07 PM
			T.Malathi		
			K.Nithyasri		
			I.Gajalakshmi		
14.	1066	St. Anne's College of Engg & Tech	S. M. Kamali Nisha	Gender Equality	1.07 PM to 1.14 PM
			S. Varthika		
			A.Arjunam		
			M.Madhanbharath		
15.	1054	Mailam Engineering College	B. Dinesh	Good Health and well being	1.14 PM to 1.21 PM
			S. Mohammed Ijazahamed		
16.	1052	University College of Engineering, Panruti	K. Dhivya	Artificial Neural Network	1.21 PM to 1.28 PM
			S. Dharshana		
			P.T. Negetha Sree		
			M. Balamurugan		
17.	1064	St. Anne's College of Engg & Tech	Sheik Mohammed	Life on Land	1.28 PM to 1.35 PM
			Arunagiri		
18.	1026	Annai Velankanni Polytechnic College	K. Peer Mohammed Khan	Quality Education	1.35 PM to 1.42 PM
			C. Godwin Thomas		
			A. Thomas		
			P. Kerson		
19.	1016	AVPTC	Joy Angalo	Smart Agricultural Systems	1.42 PM to 1.49 PM
			Padmavathi		
20.	1063	SANCET	A. Abdul Wahab	No Poverty	1.49 PM to 1.56 PM
			Sheik Mohammed		
21.	1008	AVPTC	Akshaya	Women's Safety Watch	2.40 PM to 2.47 PM
			Indra Devi		
22.	1009	AVPTC	Domnic Tejas	Automatic traffic Signal and Vehicle Speed Controller	2.40 PM to 2.47 PM
			Arunachalam		
			Pradeeswaran		
23.	1012	AVPTC	A. Vigneshwari	Electric Wire Damage Prevention and Report	2.47 PM to 2.54 PM
24.	1020	AVPTC	A. Kishore	IoT Based Spy Cam Robot	2.54 PM to 3.01 PM
			Kaviyarasan		
25.	1107	St. Anne's College of Engg & Tech	Rishidharan T	IoT Based Vehicle Monitoring System	3.01 PM to 3.08 PM
			Giridharan S		
			Praveen		



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26.	1109	St. Anne's College of Engg & Tech	S. Bharani	Bullet Proof Sheets using Graphene	3.08 PM to 3.15 PM
27.	1024	St. Anne's College of Engg & Tech	J.Mohan	Agri Tech	3.15 PM to 3.22PM
28.	1112	CK College of Engg & Technology	S.Yogasri Mirudhula Swetha	Sign Language Translator	3.22 PM to 3.29 PM
29.	1114	CK College of Engg & Technology	Kamali Pavithra Kiruthika	Bionic Eye - a Possible Path Towards The Artificial Retina	3.29 PM to 3.36 PM
30.	1120	CK College of Engg & Technology	A.Chandrakanth T.Sowmiya N.Sujitha	Detecting Phishing Websites Using Machine Learning	3.36 PM to 3.43 PM
31	1007	AVPTC	R. Vigneshwaran	Real time chat bot	3.43 to 3.50 PM



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NATIONAL LEVEL IDEA CONTEST

IDEAMAKERS - 2023

EVALUATION SHEET

DATE: 06.10.2023

S. No.	Team ID	Title	Novelty (10)	Methodology (10)	Presentation Skills (10)	Market Scope/Social Impact (10)	Problem Solution (10)	Total Marks (50)
1.	1026	Quality Education						
2.	1112	Sign Translator	5	5	5	5	5	25
3.		Bionic Eye	5	5	7	7	7	31
4.		Detecting Phishing web	5	5	5	5	5	25
5.		Implementation of Realtime chat Box.	5	5	5	5	5	25
6.								
7.								
8.								
9.								
10.								

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10/10/23

ECE Department
St. Anne's College of Engineering & Technology
ANGUCHETTYPALAYAM
Siruvathur-Post, Vellore
10/10/23



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NATIONAL LEVEL IDEA CONTEST

IDEAMAKERS – 2023

EVALUATION SHEET

DATE:06.10.2023

S. No.	Team ID	Title	Novelty (10)	Methodology (10)	Presentation Skills (10)	Market Scope/Social Impact (10)	Problem Solution (10)	Total Marks (50)
1.	1060	A Novel Table Tennis Robot based on Arduino	6	6	7	5	5	29
2.	1070	Lifetime estimation of watch battery	5	5	7	4	5	26
3.	1077	Decent Work and Economic Growth	5	5	7	5	5	27
4.	1080	Good Education	5	5	7	5	5	27
5.	1084	Water Purity Testing Using pH and Turbidity Sensors	5	5	6	5	5	26
6.	1097	Image Dehazing By Using Laplacian Approach with Contrast Adjustment						
7.	1100	Augmented Reality vs Virtual Reality						
8.	1072	Gender Equality	5	5	5	5	5	25
9.	1110	Smart Education	6	6	8	7	7	34
10.	1104	Aqua Curator	8	8	9	8	8	41

KCET + MVCF + GWT

11.	1099	IoT Based Agribot Using Cloud Computing and Mobile App	5	5	7	6	6	29
12.	1074	Uzhavan search (Sri ESW College)	7	7	8	7	7	36
13.	1096	Evolution of Machine Learning & Applications - Agriculture	5	5	5	5	5	25
14.	1066	Gender Equality	5	5	6	5	5	26
15.	1054	Good Health and well being	5	5	5	5	5	25
16.	1052	AI in Chandrayaan3	5	5	5	5	5	25
17.	10764	Life on Land	5	5	7	5	5	27
18.	1026	Good Health and well being Quality Education	6	7	8	7	7	35
19.	1016	Smart Agricultural Systems	5	5	5	5	5	25
20.	1063	No Poverty	8	5	8	6	7	34
21.	1008	Women's Safety watch	5	5	5	5	5	25
22.	1009	Smart Traffic Control System	5	5	5	5	5	25
23.	1012	Electric Wire Damage Prevention and Report	5	5	6	5	5	26
24.	1020	IoT Based Spy Cam Robot	6	6	6	7	5	30
25.	1107	IoT Based Vehicle Monitoring System	5	6	7	5	6	29
26.	1109	Bullet Proof Sheets using Graphene (104)	6	9	6	9	8	38
27.	1024	Agritech (CSANCET)	5	5	6	5	5	26

JURY MEMBER

R. DAYANO

HOD

ECE Department
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NATIONAL LEVEL IDEA CONTEST

IDEAMAKERS – 2023

EVALUATION SHEET

DATE:06.10.2023

S. No.	Team ID	Title	Novelty (10)	Methodology (10)	Presentation Skills (10)	Market Scope/Social Impact (10)	Problem Solution (10)	Total Marks (50)
1.	1060	A Novel Table Tennis Robot based on Arduino	6	5	7	5	5	28
2.	1070	Lifetime estimation of watch battery	5	5	5	5	5	25
3.	1077	Decent Work and Economic Growth	5	5	8	7	5	30
4.	1080	Good Education	5	5	6	5	5	26
5.	1084	Water Purity Testing Using pH and Turbidity Sensors	6	6	6	5	6	29
6.	1097	Image Dehazing By Using Laplacian Approach with Contrast Adjustment	5	5	5	5	5	25
7.	1100	Augmented Reality vs Virtual Reality	4	4	5	4	4	21
8.	1072	Gender Equality						
9.	1110	Smart Education						
10.	1104	Aqua Curator	8	7	9	9	8	41

11.	1099	IoT Based Agribot Using Cloud Computing and Mobile App	5	5	5	6	5	26
12.	1074	Uzhavan search	7	6	6	7	6	52
13.	1096	Evolution of Machine Learning & Applications	4	4	4	4	4	20
14.	1066	Gender Equality	5	5	6	5	5	26
15.	1054	Good Health and well being	5	5	5	5	5	18
16.	1052	AI in Chandrayaan-3 Neural network	4	4	4	3	3	18
17.	1014	Life on Land	5	5	8	6	6	30
18.	1016	Good Health and well being Quality Education	5	5	8	5	5	28
19.	1016	Smart Agricultural Systems	4	4	7	3	4	22
20.	1063	No Poverty	5	6	8	6	6	31
21.	1008	Women's Safety	5	5	7	5	5	27
22.	1009	Smart Traffic Control System	5	5	5	5	5	25
23.	1012	Electric Wire Damage Prevention and Report	5	5	5	5	5	25
24.	1020	IoT Based Spy Cam Robot	4	4	6	4	4	22
25.	1107	IoT Based Vehicle Monitoring System	5	5	5	5	5	25
26.	1109	Bullet Proof Sheets using Graphene	6	6	7	6	5	30
27.	1024	AgriTech	5	5	5	5	5	25

Quality Education


JURY MEMBER


HOD

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NATIONAL LEVEL IDEA CONTEST

IDEAMAKERS – 2023

EVALUATION SHEET

DATE:06.10.2023

S. No.	Team ID	Title	Novelty (10)	Methodology (10)	Presentation Skills (10)	Market Scope/Social Impact (10)	Problem Solution (10)	Total Marks (50)
1.	1060	A Novel Table Tennis Robot based on Arduino	5	4	5	5	3	22
2.	1070	Lifetime estimation of watch battery	5	3	5	6	6	25
3.	1077	Decent Work and Economic Growth	4	4	5	5	2	20
4.	1080	Good Education	6	5	6	6	6	29
5.	1084	Water Purity Testing Using pH and Turbidity Sensors	4	4	6	4	4	22
6.	1097	Image Dehazing By Using Laplacian Approach with Contrast Adjustment	4	4	4	4	5	21
7.	1100	Augmented Reality vs Virtual Reality	5	4	4	4	3	20
8.	1072	Gender Equality						
9.	1110	Smart Education						
10.	1104	Aqua Curator	8	8	9	9	8	42

11.	1099	IoT Based Agribot Using Cloud Computing and Mobile App	5	5	5	5	5	25
12.	1074	Uzhavan search	6	6	7	7	6	32
13.	1096	Evolution of Machine Learning & Applications	4	4	3	4	3	20
14.	1066	Gender Equality	5	5	4	5	5	24
15.	1054	Good Health and well being	4	4	5	5	5	23
16.	1052	AI in Chandrayaan3 <i>Neutral Nhw</i>	5	5	5	5	2	22
17.	1026	Life on Land	58	55	58	57	25	2233
18.	1026	Good Health and well being <i>Quality Education</i> <i>Quality Education</i>	87	87	87	86	57	334
19.	1026	Smart Agricultural Systems	4	4	5	4	5	22
20.	1063	No Poverty	7	6	8	7	4	32
21.	1008	Women's Safety	4	4	4	4	4	20
22.	1009	Smart Traffic Control System	5	5	5	5	5	25
23.	1012	Electric Wire Damage Prevention and Report	5	5	5	5	6	26
24.	1020	IoT Based Spy Cam Robot	5	5	4	4	5	23
25.	1107	IoT Based Vehicle Monitoring System	5	5	5	5	5	25
26.	1109	Bullet Proof Sheets using Graphene	6	6	5	5	5	2736
27.	1024	Agritech	5	5	5	5	5	25

Quality Education

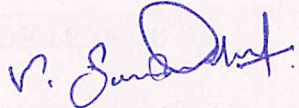
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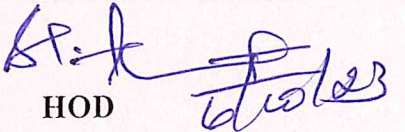
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JURY MEMBER


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IDEAMAKERS - 2023

REPORT

Objective:

- The Competition encourages a generation of innovative ideas in terms of new products, services and technologies in the built environment from students
- The contest intends to introduce new stimuli into the minds of the students and acknowledge the potentiality of their idea.
- It aims to spark innovation and instill a sense of confidence among the students.

Report:

The Department of Electronics and Communication Engineering (ECE) in association with Electronics and Communication Scientia Association (ECSA) has organized a National Level Idea Contest “**Ideamakers-2023**” on 06.10.2023. The program commenced with the inaugural event in which our Secretary, Dr. Sr. T. Nirmala, our Principal, Dr. R. Arokiadass, our Vice Principal Sr. Punita Jilt our HoD, Dr. Sr. S. Anita, the chief guest Mr. V. Vishnu Varadan, CEO, Atal Incubation Center, Pondicherry Engineering College Foundation, Pondicherry, our jury members Dr. R. Dayana, Associate Professor, ECE, SRM Institute of Science and Technology, Mr. R. Sarathkumar, Senior Automation Engineer, UST Global, Chennai & Mr. S. Manavalan, AP & HoD/CSE, teaching and non-teaching staff and students from all the department of SANCET and other colleges has been presented. The chief guest Mr. V. Vishnu Varadan was honored with a shawl and memento by our Secretary, Dr. Sr. T. Nirmala and Principal, Dr. R. Arokiadass. After the completion of the inauguration, the session was handed-over to the chief guest. He shared her view on “Entrepreneurship as a Career Opportunity”. He expressed her thoughts and ideas about entrepreneurship in provoking way. Next the event moved on to Idea Presentation based on the schedule. 7 teams presented Online mode through google meet and 24 teams presented in offline mode. Totally 31 teams presented. The event started with the description and rules & regulations about the event. Students were given 7 minutes time to present their ideas after which there were questions put up on them by the judges as well as the students. In this round the final winner's 1st, 2nd and 3rd won Rs. 5000, Rs. 3,000 and Rs. 2000 respectively. The details of the teams are as follows:



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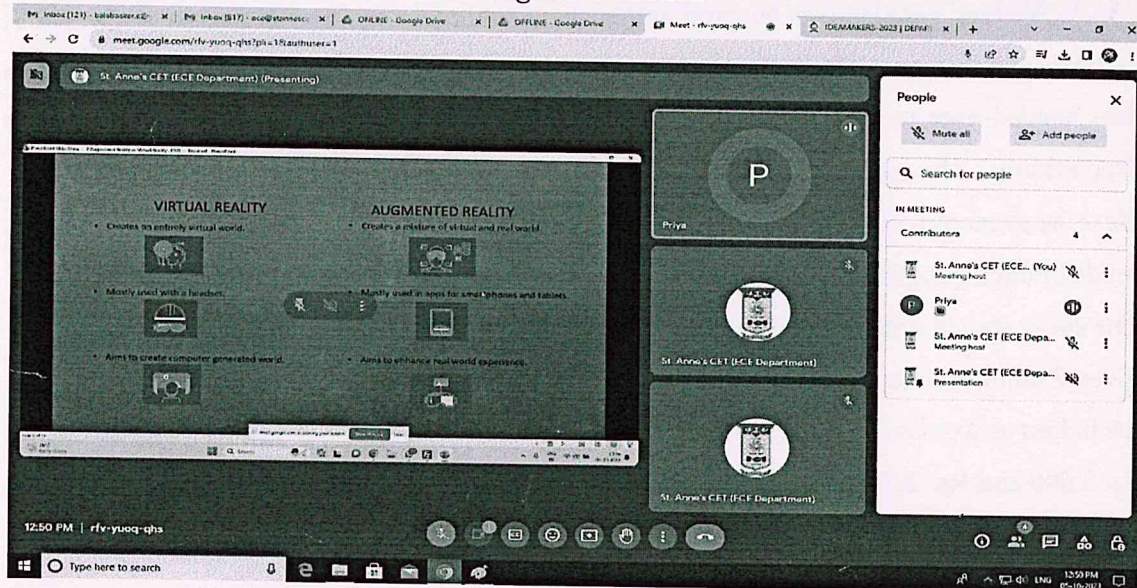
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S. No	Position	Name	Institute
1	First Position	R. Yuvan Prabhu	Manakula Vinayagar Institute of Technology, Puducherry
		Asha Priya	Krishnasamy College of Engineering and Technology, Cuddalore
2	Second Position	S. Bharani	St. Anne's College of Engineering and Technology, Panruti
3	Third Position	M. Arun Prakash	Sri Eshwar College of Engineering, Coimbatore

All the participants were rewarded with certificates. The program was concluded in a successful manner.



Inaugural Function



Students actively participating in online Presentation Mode

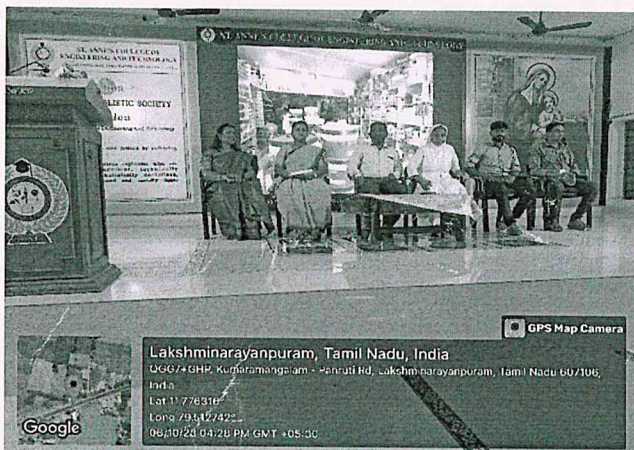


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Valedictory Function



First Prize



Second Prize



Third Prize

Outcomes:

- Students from different institutes enhanced their entrepreneurial skills.
- The idea contests to showcase the talents would help the students to exhibit their skills and project their ideas with peers and also with the industry experts.
- The contest aimed to bring together industry and academia experts to strengthen the industry-institution interaction and also to get the students' projects evaluated by the industry experts which would help the students to understand the need for implementing quality projects to excel in their professional career.
- Students will get motivated on enhancing their subject knowledge.

S. Durai 10/10/2023
B. Sree 10/10/23
EVENT COORDINATOR

[Signature]
HOD

[Signature]
PRINCIPAL

ECE Department,
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Cuddalore-Dist 607 110

Dr. R. AROKIADASS, M.E., Ph.D.,
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FEEDBACK ON NATIONAL LEVEL IDEA CONTEST

DEPARTMENT: ECE

PERIOD: 2023-2024

EVENT TITLE: IDEAMAKERS-2023

DATE: 06.10.2023

Q. No	Questions	Student Count	Credit Category					Total Credit	Credit Secured	Percentage
			5	4	3	2	1			
1	Did the event meet your expectations?	69	55	14	0	0	0	345	331	96
2	How would you rate the relevance of the theme of ideamakers-2023 theme?	69	54	13	2	0	0	345	328	95
3	How would you rate the overall organization and logistics of the event, including registration, communication, and event timings?	69	60	5	4	0	0	345	332	96
4	How would you rate the effectiveness of the mentorship and guidance you received during the event?	69	62	7	0	0	0	345	338	98
5	How would you rate the networking opportunities and interactions with other participants?	69	58	10	1	0	0	345	333	97
6	How would you rate the effectiveness of event communication and updates throughout the event?	69	53	9	7	0	0	345	322	93
7	How would you rate the transparency and fairness of the judging and evaluation process?	69	62	5	2	0	0	345	336	97
8	How likely are you to participate in a similar ideamakers-2023 event in the future?	69	55	12	2	0	0	345	329	95
9	How would you rate your overall satisfaction with the ideamakers-2023 event?	69	63	5	1	0	0	345	338	98
10	Please provide any specific suggestions or comments that would help us improve future ideamakers-2023 events.	69	65	4	0	0	0	345	341	99
Overall Percentage										96

S. D. ... 10/10/23
EVENT CO-ORDINATOR

[Signature]
HOD
ECE Department,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-Post, Panruti-T.k

[Signature]
PRINCIPAL
Dr. R. ARORADASS, M.E., Ph.D
Principal,
St. Anne's College of Engineering & Technology
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k).



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Accredited by NAAC

ANGUCHETYPALAYAM, PANRUTI – 607 106.

SMART INDIA HACKATHON 2023



St. Anne's College of Engineering and Technology

Conducting Internal
Hackathon for SIH 2023

27th September, 2023
10:00AM @ R&D Cell



Internal Hackathon for both Hardware and Software Edition

Requisition Letter for Smart India Hackathon 2023

St. Anne's CET (ECE DEPT) <ece@stannescet.ac.in>

Sep 22, 2023,
10:25 AM

to Umamaheswari

Dear Dr. A. Umamaheswari,

I hope this email finds you in good health and high spirits. On behalf of the Department of Electronics and Communication Engineering at St. Anne's College of Engineering and Technology (SANCET), Panruti. I am delighted to extend our warmest greetings to you.

We are happy to invite you as a Resource Person for the upcoming event of Smart India Hackathon 2023 on **September 27, 2023**. We believe your extensive experience and profound insights in the field of Engineering make you the perfect candidate to serve as our esteemed Resource Person for this event.

Kindly, **accept our request to be the Jury member of the event**. Your presence will undoubtedly make our event a resounding success. Please let us know your availability on those days.

Thank you for considering our invite, and we are awaiting for your positive response.

Thank You,

With High Regards,
The coordinator
Smart India Hackathon 2023
SANCET
Panruti

Umamaheswari< umamaheswaritrk@gmail.com >

Sep 25, 2023, 3.15 PM

to me

from: Umamaheswari< umamaheswaritrk@gmail.com >

to: "St. Anne's CET (ECE DEPT)"
< ece@stannescet.ac.in >

date: Sep 25, 2023, 3:15 PM

subject: Re: Acceptance Letter for Smart India Hackathon 2023

mailed-by: gmail.com

signed-by: gmail.com

Thank You for your Mail. I am very pleasure to accept the Invite for Smart India Hackathon 2023 on 27.09.2023.

With regards,

Dr. A. Umamaheswari
Assistant Professor (Senior Grade)
ECE Department
University College Campus Panruti



ST. ANNE'S

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Phone: 04142-242661, 243661. Mobile: 9442389466

Web site: www.stannescet.ac.in Email: stannescet@gmail.com

Lr. From AICTE File No. 07/08/TN/E&T/2009/20



Date: 31/August/2023

To:

Smart India Hackathon 2023,
Ministry of Education Innovation Cell,
New Delhi, Delhi.

Respected Sir/Madam,

Sub: Smart India Hackathon 2023 – Appointment of College SPOC

This is to inform that the following faculty member from our institute has been appointed as College Single Point of Contact (College SPOC) for Smart India Hackathon 2023.

Name of Official: Dr. S. Anita

Designation: Professor

Mobile no: 8668083982

Email id: sranitaa@stannescet.ac.in

We understand that, the SPOC will be:

- Single Point of Contact to reach out to regarding any SIH2023 related communication to the institute/ student teams from SIH organizers.
- SPOC will be responsible for nominating top 35 teams - 30 Shortlisted and 5 Waitlist teams inclusive of both software and hardware.

Sincerely,

R. Arokiadass
31.8.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,

St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sivagangai (Dist), Tamil Nadu

Requisition Letter for Smart India Hackathon 2023

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Sep 22, 2023,
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Thank You,

With High Regards,
The coordinator
Smart India Hackathon 2023
SANCET
Panruti

Umamaheswari< umamaheswaritrk@gmail.com >

Sep 25, 2023, 3.15 PM

to me

from: Umamaheswari< umamaheswaritrk@gmail.com >

to: "St. Anne's CET (ECE DEPT)"
< ece@stannescet.ac.in >

date: Sep 25, 2023, 3:15 PM

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With regards,

Dr. A. Umamaheswari
Assistant Professor (Senior Grade)
ECE Department
University College Campus Panruti



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Lr. From AICTE File No. 07/08/TN/E&T/2009/20



Date: 27/09/2023

Sub: Smart India Hackathon 2023 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2023. AICTE Application No. for our college is 1-36229116166.

Team : Electro Spark

	Name	Gender (M/F)	Email id	Mobile no.	Stream	Year
Team Leader	Umar Bin Hussain M	M	umarbinhussain1995@gmail.com	8940340309	EEE	III
Team Member	Mohanraj K	M	mohanrajmohanraj1227@gmail.com	9786816096	EEE	III
Team Member	Megharjun S	M	arjun2603.s@gmail.com	9361413318	EEE	III
Team Member	Mohamed Irfan M I	M	mohamedirfan1766@gmail.com	8270889529	EEE	III
Team Member	Praveen Kumar R	M	praveenapple16@gmail.com	6383918344	EEE	III
Team Member	Jegatheswari A	F	jegatheswari2003@gmail.com	6385511360	EEE	III

Sincerely,

R. Arokiadass
27.9.23



Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siruvathur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110:



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Team: Tabulated Tags

	Name	Gender (M/F)	Email id	Mobile no.	Stream	Year
Team Leader	Iyyappan I	M	iyappaniyanar10@gmail.com	8489589473	EEE	IV
Team Member	Mohanraj S	M	mohanrajs1307@gmail.com	7904292498	EEE	IV
Team Member	Muthu Kumar M	M	muthukumar73997@gmail.com	9952578906	EEE	IV
Team Member	Saravanan K	M	ksarosathish@gmail.com	6381968699	EEE	IV
Team Member	Sasidhar A	M	sasijana01@gmail.com	8838590474	EEE	IV
Team Member	Rajeshwari A	F	rajeswariayya18@gmail.com	9025034318	EEE	IV

Sincerely,

R. Arokiadass
27.9.23

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
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Team: EEE Titans

	Name	Gender (M/F)	Email id	Mobile no.	Stream	Year
Team Leader	Giridharan S	M	giridharans112002@gmail.com	9629196757	EEE	IV
Team Member	Subashchandrabose S	M	subashsi860@gmail.com	6385722112	EEE	IV
Team Member	Vignesh V	M	vigneshking0001@gmail.com	9626676019	EEE	IV
Team Member	Abinesh A	M	abisibi2018@gmail.com	7092146323	EEE	IV
Team Member	Vallarasu S	M	vallarasusankar862@gmail.com	8825680390	EEE	IV
Team Member	Bharani S	F	bharanisubramaniyan2509@gmail.com	6381337170	EEE	IV



Sincerely,

R. Aradi
27.9.23

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
ANGUCHETTPALAYAM,
Siravathur-(Post), Panruti-(T.K);
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Team : Star Techies

	Name	Gender (M/F)	Email id	Mobile no.	Stream	Year
Team Leader	Dhivagar M	M	dhivagardh8@gmail.com	6369972041	EEE	IV
Team Member	Antony George S R	M	2002antonygeorge@gmail.com	9566940186	EEE	IV
Team Member	Aravindan A	M	anaravind702@gmail.com	9597002511	EEE	IV
Team Member	Aslin Joseph S	M	aslinmakeshancelin@gmail.com	6379028370	EEE	IV
Team Member	Ragul R	M	ragulgowri2003@gmail.com	6383503788	EEE	IV
Team Member	Monika R	F	rm4455110@gmail.com	9361380482	EEE	IV

Sincerely,

R. Arokiadass
27.9.23



Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St.Anne's College of Engineering & Technology,
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Date: 27/09/2023

Sub: Smart India Hackathon 2023 – Nomination

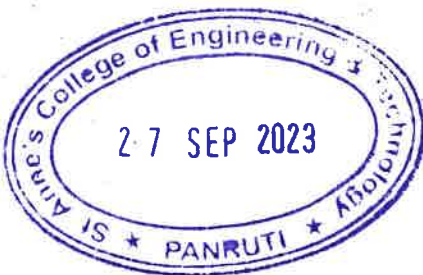
I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2023. AICTE Application No. for our college is 1-36229116166.

Team: Team Creators

	Name	Gender (M/F)	Email ID	Mobile No.	Stream	Year
Team Leader	DEEPIKA K	F	deepika9500147@gmail.com	9500147607	ECE	III
Team Member	ASHWIN A	F	assassinashwin007@gmail.com	6382256267	ECE	III
Team Member	ARUNDOSS A	M	dassarun32@gmail.com	7603825421	ECE	III
Team Member	MOHANA P	M	p.mohana1432@gmail.com	9025435346	ECE	III
Team Member	SURIYA R	M	suriyaaug152003@gmail.com	9342276692	ECE	III
Team Member	KARTHIKEYAN U	M	keyak0697@gmail.com	9361304353	ECE	III

Sincerely,

R. Arakiadass
27.9.23



Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
ANGUCHETTYPALAYAM,
Sinnathur (Post), Panruti - (T.k.),
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Team: Tech Turtles

	Name	Gender (M/F)	Email ID	Mobile No.	Stream	Year
Team Leader	DHIVYA A	F	dhivyaarumugam333@gmail.com	6383072908	ECE	III
Team Member	ANITHA R	F	panrutip062@gmail.com	9629778095	ECE	III
Team Member	MONISH S	M	monish22july2004@gmail.com	8148527387	ECE	III
Team Member	SELVAKUMAR S	M	skmselva246@gmail.com	8778555682	ECE	III
Team Member	IMMANVEL T	M	immanvel514@gmail.com	9345353826	ECE	III
Team Member	SANJAI S	M	sanjaisenthilkumar004@gmail.com	9629593206	ECE	III

Sincerely,

R. Arakiadass
27.9.23

Dr. R. AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
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Team: 7S CREATORS

	Name	Gender (M/F)	Email ID	Mobile No.	Stream	Year
Team Leader	MOHAN J	M	massmohan.j.s.1973@gmail.com	6384601009	ECE	III
Team Member	PRITHISHA E	F	prithishabe2004@gmail.com	8122628802	ECE	III
Team Member	ARCHANA A	F	archana.a2341@gmail.com	9363078876	ECE	III
Team Member	SRIHARI K	M	srihariksriharik53@gmail.com	9363387911	ECE	III
Team Member	RAGUNATH A	M	nragu1965@gmail.com	6374504760	ECE	III
Team Member	MANGALESHWAR U	M	mangaleshmangalesh830@gmail.com	9123528559	ECE	III

Sincerely,

R. Aradiass
27.9.23

Dr.R.AROKIADASS, M.E., Ph.D.,
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Team: Smart Rivals

	Name	Gender (M/F)	Email ID	Mobile No.	Stream	Year
Team Leader	VANJINATHAN G	M	vanjivanji820@gmail.com	9360564388	ECE	IV
Team Member	LINGESHWARAN R	M	lingeshpravi@gmail.com	8682055971	ECE	IV
Team Member	AJITH M	M	ajjiajji253@gmail.com	6380659123	ECE	IV
Team Member	VASANTHAN V	M	vasanthan148vazhmuni@gmail.com	8825949720	ECE	IV
Team Member	VASANTHAKUMAR M	M	kumarvasanth7775@gmail.com	8220872371	ECE	IV
Team Member	SHEKINA JEBASTINA Y	F	sshekina870@gmail.com	7010414401	ECE	IV

Sincerely,

R. Arakiadass
27.9.23

Dr. R. AROKIADASS, M.E., Ph.D.,
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St. Anne's College of Engineering & Technology,

ANGUCHETTPALAYAM,

Siruvathur-(Post), Panruti-(T.k),

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Team : Eco Mech

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	K.Muthukumaran	Male	muthukumarank308@gmail.com	9344790966
Team Member	S.Aravindhan	Male	aravindhanaravindhan2105@gmail.com	7010595823
Team Member	S.Mohanaraj	Male	mohanaraj.28.8@gmail.com	8124782890
Team Member	K.Vikram	Male	vikramk0145@gmail.com	6374114898
Team Member	L.Anbumani	Male	anbumani84797@gmail.com	6379026629
Team Member	J.Thirunavukarasan	Male	thirunavukarasan2001@gmail.com	6380798549

Sincerely,


27.9.23

Dr. R. Arokiadass
The Principal

Dr.R.AROKIADASS, M.E., Ph.D.,
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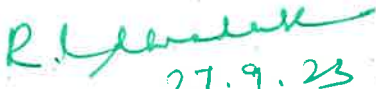
Sub: Smart India Hackathon 2023 – Nomination

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Team : Energy Mech

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	R.Raghul	Male	ragaragu2002@gmail.com	6374500165
Team Member	R.Balaji	Male	balaji08112002@gmail.com	6385433271
Team Member	D.Naresh	Male	devanathannaresh@gmail.com	6380917963
Team Member	S.Sarathi	Male	sarathi6612@gmail.com	9344058379
Team Member	U.Praveen raj	Male	praveenukkaravel@gmail.com	9361538358
Team Member	S.Santhosh	Male	santhoshsimbu009@gmail.com	9751761882

Sincerely,


27.9.23

Dr. R. Arokiadass
The Principal

Dr.R.AROKIADASS, M.E., Ph.D.,
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Team :Die Source

	Name	Gender (M/F)	Email id	Mobile no.
Team Leader	K.Sathish	Male	k04sathish@gmail.com	6381996008
Team Member	J.AlwinBrunix	Male	alwinbrunix@gmail.com	8523923070
Team Member	S.Gugan	Male	guganinba@gmail.com	9566237662
Team Member	S.Gurudevan	Male	prammadevan58@gmail.com	9500583718
Team Member	P.Jayapradha	Female	jayapradhaj503@gmail.com	8778934775
Team Member	N.Nagaraj	Male	nnagaraj222003@gmail.com	7603990997

Sincerely,

R. Arokiadass
27.9.23

Dr. R. Arokiadass
The Principal

Dr.R.AROKIADASS, M.E., Ph.D.,
Principal,
St. Anne's College of Engineering & Technology,
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Siruvethur-(Post), Panruti-(T.k),
Cuddalore-(Dist), Pin: 607 110.



ST. ANNE'S COLLEGE OF ENGINEERING AND TECHNOLOGY

(A Unit of the Sisters of St. Anne, Trichy)

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

(An ISO 9001 : 2015 Certified Institution)

Anguchettypalayam, Panruti - Taluk, Cuddalore District - 607106

Phone: 04142-242661, 243661. Mobile: 9442389466

Web site: www.stannescet.ac.in Email: stannescet@gmail.com

Lr. From AICTE File No. 07/08/TN/E&T/2009/20



Date: 27/09/2023

Sub: Smart India Hackathon 2023 – Nomination

I am pleased to nominate the below team from our college to participate in Smart India Hackathon 2023. AICTE Application No. for our college is 1-36229116166.

Team: SAACLU

	Name	Gender (M/F)	Email ID	Mobile No.	Stream	Year
Team Leader	SRIHARI S	M	sakthivembu0@gmail.com	9943829848	ECE	IV
Team Member	CHANDRU D	M	dchandrur3@gmail.com	8667388611	ECE	IV
Team Member	ANILKUMAR A	M	anildadmom44@gmail.com	8056950230	ECE	IV
Team Member	UMAMAGESHWARAN D	M	umamageshwarand4@gmail.com	8610335280	ECE	IV
Team Member	AKASH R	M	rvakash01@gmail.com	8608322548	ECE	IV
Team Member	LEELA G	F	leelag298@gmail.com	9842779526	ECE	IV

Sincerely,

R. Arokiadass
27.9.23

Dr.R.AROKIADASS, M.E., Ph.D.,
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REPORT ON INTERNAL SMART INDIA HACKATHON 2023

About the Event

Smart India Smart India Hackathon 2023 is a nationwide initiative to provide students a platform to solve some of the pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mindset of problem solving.

Internal Smart India Hackathon 2023 is for selecting the innovative ideas proposed by students, which are useful for society. 216 students from our college participated in the internal smart india hackathon held on 27.09.2023 in our campus at research and development cell. Problem solutions proposed by 36 teams were selected based on the uniqueness of the content.

Problem statements selected for Internal Hackathon

S. No.	Team Name	Title
1	BRUTE FORCE	Student Innovation Smart Education (SIHI467)
2.	SPARKLE TEAM	Student Innovation Detect phishing domains using AI/ML (SIH1454)
3.	RULE BREAKERS	Student Innovation Smart alert for Drowsy Driver Detection (SIH1477)
4.	BLACK HATS	Student Innovation Analysis and identification of malicious mobile applications. (SIH1381)
5.	CHARM SQUAD	Student Innovation Smart Automation (SIHI482)
6.	GREEN TEAM	Student Innovation E-waste management (SIH1474)
7.	ASTON ANTONY	Application Development for monitoring of wool from Farm to fabric (SIH1309)



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8.	THOUGHT CRAFTER	Student Innovation Integration of AI for Adaptive Learning for MCQ Selection in PARAKH (SIH1460)
9.	TRACK TROOPERS	Student Innovation real time vehicle tracking system (SIH1382)
10.	AGRONOMY	Student Innovation Agriculture Water Management through AI (SIH1293)
11.	THE CYBER NINJA	Student Innovation Data Compression for backbone network (SIH1412)
12.	CRUSADERS	Student Innovation Design and development of secured online meeting system (SIH1484)
13.	FUTURE FARMERS	Student Innovation Developing solutions to effective market linkage and promotion of one district one product. (SIH1355)
14.	SIMPLE	Student Innovation Optimizing Doctor Availability and Appointment Allocation in Hospitals through Digital Technology and AI Integration. (SIH1383)
15.	TECH TURTLES	Real -Time Vehicle Tracking System (SIH1320)
16.	TEAM TECHNO	Centralized Monitoring System for Street Light Fault Detection and Location Tracking (SIH1512)
17.	SAACLU	Electric wire damage prevention and Report System Student Innovation (SIH1472)
18.	Team Creators	Automated Public Lighting (SIH1300)
19.	SMART RIVALS	Student Tourism (SIH1476)



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20.	7S CREATERS	Automatic regulation of valves for release of water based upon soil moisture availability in the root zone of the crop, using artificial intelligence, in a piped and micro irrigation network of irrigation system. (SIH1293)
21.	Smart Glow Team	Automated Public Lighting (SIH1300)
22.	TECH SQUAD	Student Innovation (SIH1472)
23.	Star techies	Student Innovation IoT based sensors can be used to determine the Machine Runtime (SIH1395)
24.	Tabuted Tag	Student Innovation Centralized Monitoring System for Street Light Fault Detection and Location Tracking (SIH1512)
25.	Smart Irigaters	Automatic regulation of valves for release of water based upon soil moisture availability in the root zone of the crop, using artificial intelligence, in a piped and micro irrigation network of irrigation system
26.	Eee Titans	Developing an AI-powered energy management system for industrial commercial facilities to optimize energy consumption (SIH1299)
27.	Mr. Voltage	Student Innovation (SIH1490) Smart Automation



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28.	Smarters	Real-Time Vehicle Tracking system (SIH1382) Smart Vehicles
29.	Masters Minds	Early Flood detection SIH1469
30.	Electro Spark	Student Innovation Contactors switches for homes and offices
31.	Eco-Mech	Green options for milk packaging (SIH1499)
32.	Dle-Source	Dried Leaves Energy Source (SIH1472)
33.	Energy-Mech	Waste Disposal Plastic Recycling (SIH1474)
34.	Sola-Mech	Development of Small Scale Solar energy device (SIH1361)

Event Photos and Participating Teams



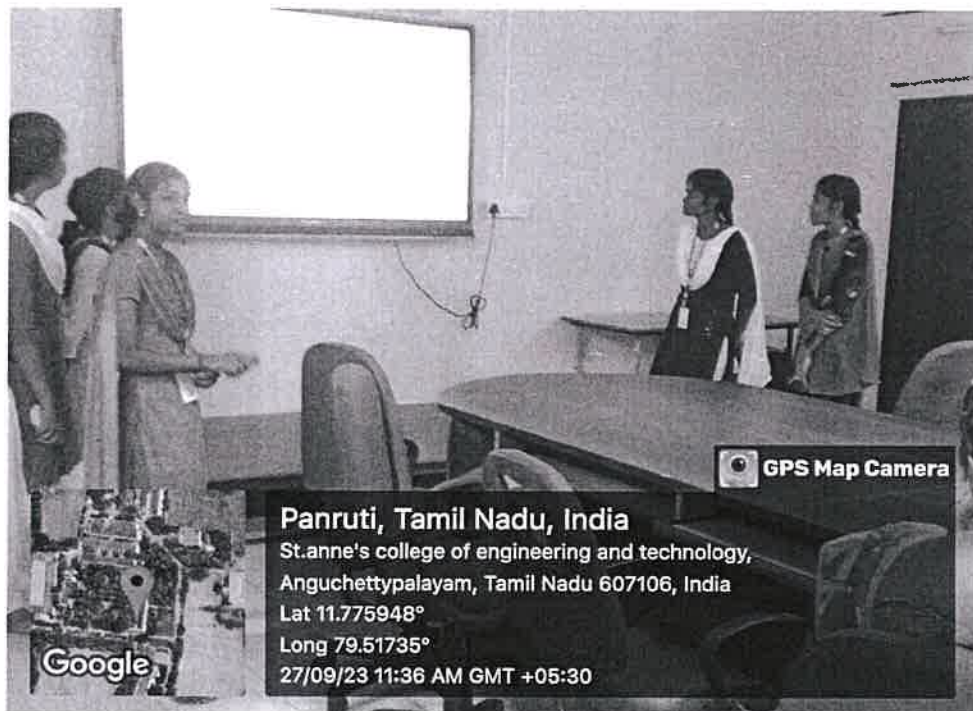


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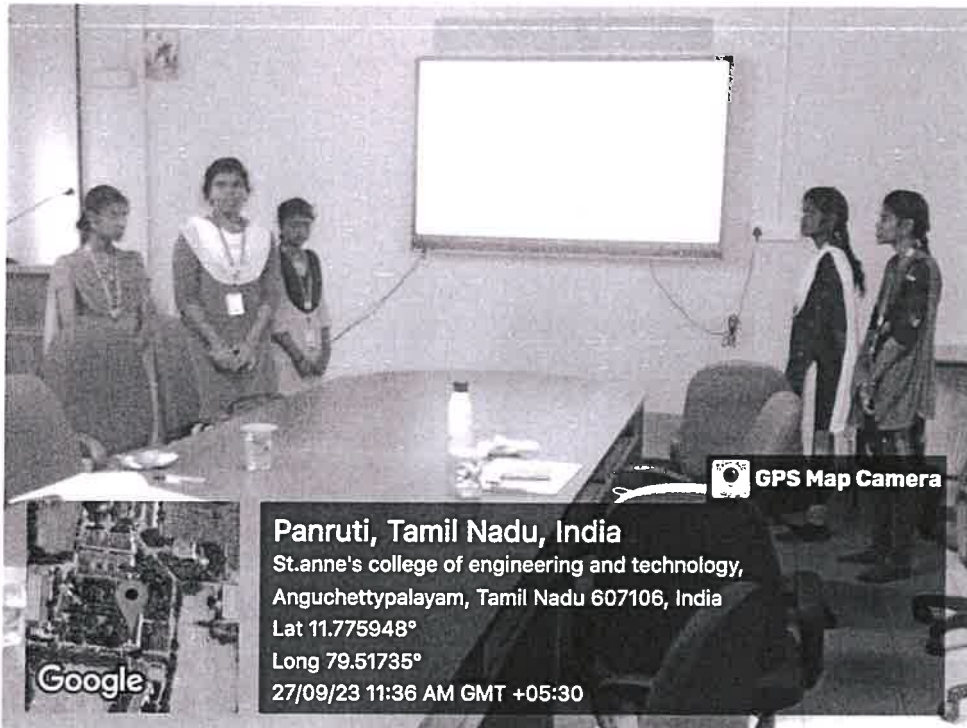


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Internal Smart India Hackathon held at St. Anne's College of Engg and Technology on 27.09.2023

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Judges Details



Dr. A. Uma Maheswari
Assistant Professor (Sr. Gr.),
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8428440141,
umamaheswaritrk@gmail.com

Mr. S. Balabasker
Assistant Professor,
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Engineering and Technology,
9944374993,
balabasker.s@stannescet.ac.in

Dr. V. Yogambari
Assistant Professor,
St. Anne's College of
Engineering and Technology,
7558123377,
yogambari26@gmail.com

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	for milk	
18	Dle-Source Dried Leaves Energy Source	Dle-Source Dried Leaves Energy Source
19	Energy-Mech Waste Disposal Plastic	Energy-Mech Waste Disposal Plastic

Participation Statistics:

Total Number of Participants: **216**

Male Participants: **185**

Female Participants: **31**

Social Media Links:

Facebook: <https://www.facebook.com/stannescet2009/>

Twitter: https://twitter.com/stannescet_prt

Instagram: https://instagram.com/stannescet_prt/



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Judging Process:

Following criteria has been followed for the judging process.

S. No.	Team Name	Title	Novelty (10)	Methodology (10)	Presentation (10)	Market Scope/Social Impact (10)	Problem Solution (10)	Total Marks (50)
--------	-----------	-------	--------------	------------------	-------------------	---------------------------------	-----------------------	------------------

Jury Panel

Dr. A. Uma Maheswari , Assistant Professor (Sr. Gr.), University College of Engineering, Panruti,

Mr. S. Balabasker, Assistant Professor, St. Anne's College of Engineering and Technology,

Dr. V. Yogambari, Assistant Professor, St. Anne's College of Engineering and Technology,

Nominated Top Teams:

S. No.	Team Name	Title
1.	BRUTE FORCE	Student Innovation Smart Education (SIH1467)
2.	RULE BREAKERS	Student Innovation Smart alert for Drowsy Driver Detection (SIH1477)
3.	CHARM SQUAD	Student Innovation Smart Automation (SIH1482)
4.	GREEN TEAM	Student Innovation E-waste management (SIH1474)
5.	ASTON ANTONY	Student Innovation Application Development for monitoring of wool from Farm to fabric (SIH1309)
6.	THOUGHT	Student Innovation



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PROBLEM BASED CONCEPTUAL INTEGRATED COURSES



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

PROBLEM BASED CURRICULUM INTEGRATED INTO COURSES

REGULATION 2021


The following subjects are listed under problem based curriculum integrated into Courses for 1st year, 2nd year and 3rd year students during 2023-2024.

S. No.	SUBJECT CODE	SUBJECT NAME
Semester-I		
1	GE3151	Problem Solving and Python Programming
2	PH3151	Engineering Physics
3	CY3151	Engineering Chemistry
Semester-II		
1	PH3254	Physics for Electronics Engineering
2	BE3254	Electrical and Instrumentation Engineering
3	GE3251	Engineering Graphics
4	CS3251	Programming in c
Semester-III		
1.	MA3354	Discrete Mathematics
2.	CS3351	Digital Principles and Computer Organization
3.	CS3352	Foundations of Data Science
4.	CS3301	Data Structures
5.	CS3391	Object Oriented Programming
Semester-IV		
1.	CS3452	Theory of Computation
2.	CS3491	Artificial Intelligence and Machine Learning
3.	CS3401	Algorithms
Semester-V		
1.	CS3591	Computer Networks
2.	CS3501	Compiler Design
3.	CB3491	Cryptography and Cyber Security
Semester-VI		
1.	CCS354	Network Security


PREPARED BY


VERIFIED BY

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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

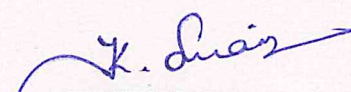
PROBLEM BASED CURRICULUM INTEGRATED INTO COURSES

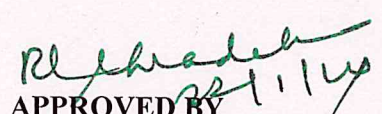
REGULATION 2021

The following subjects are listed under problem based curriculum integrated into Courses for 1st year, 2nd year and 3rd year students during 2023-2024.

S. No.	SUBJECT CODE	SUBJECT NAME
Semester-I		
1.	MA3151	Matrices and Calculus
2.	GE3151	Problem Solving and Python Programming
3.	PH3151	Engineering Physics
4.	CY3151	Engineering Chemistry
Semester-II		
1.	MA3251	Statistics and Numerical Methods
2.	PH3202	Physics for Electrical Engineering
3.	GE3251	Engineering Graphics
4.	EE3251	Electric Circuit Analysis
Semester-III		
1.	MA3303	Probability and Complex Functions
2.	EE3301	Electromagnetic Fields
3.	EE3302	Digital Logic Circuits
4.	EC3301	Electron Devices Circuits
5.	EE 3303	Electrical Machines – I
Semester-IV		
1.	EE3401	Transmission and Distribution
2.	EE3402	Linear Integrated Circuits
3.	EE3403	Measurements and Instrumentation
4.	EE3404	Microprocessor and Microcontroller
5.	EE3405	Electrical Machines - II
Semester-V		
1.	EE3501	Power System Analysis
2.	EE3591	Power Electronics
3.	EE3503	Control Systems
Semester-VI		
1.	EE3601	Protection and Switchgear
2.	EE3602	Power System Operation and Control.


PREPARED BY


VERIFIED BY
Head of the Department
Dept. of Electrical & Elec.
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Anguchettipalayam, Panruti-607106.


APPROVED BY
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

PROBLEM BASED CURRICULUM INTEGRATED INTO COURSES

REGULATION 2021

The following subjects are listed under Problem based Curriculum integrated into Courses for 1st year, 2nd year and 3rd year students during 2023-2024.

S. No.	SUBJECT CODE	SUBJECT NAME
Semester-I		
1	GE3151	Problem Solving and Python Programming
2	MA3151	Matrices and Calculus
3	PH3151	Engineering Physics
4	CY3151	Engineering Chemistry
Semester-II		
1	PH3254	Physics for Electronics Engineering
2	MA3251	Statistics and Numerical Methods
3	BE3254	Electrical and Instrumentation Engineering
4	GE3251	Engineering Graphics
5	EC3251	Circuit Analysis
Semester-III		
1.	EC3354	Signals and Systems
2.	CS3353	C Programming and Data Structures
3.	EC3353	Electronic Devices and Circuits
4.	EC3351	Control Systems
5.	MA3355	Random Processes and Linear Algebra
6.	EC3352	Digital Systems Design
Semester-IV		
1.	EC3401	Network and security
2.	EC3492	Digital Signal Processing
3.	EC3452	Electromagnetic Fields
4.	EC3451	Linear Integrated Circuits
5.	EC3491	Communication Systems



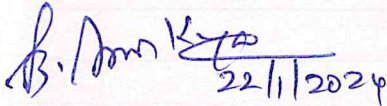
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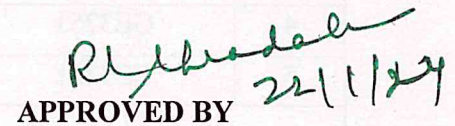
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Semester-V		
1.	EC3501	Wireless communication
2.	EC3552	VLSI and Chip Design
3.	EC3551	Transmission lines and RF Systems
4.	CEC366	Image Processing
5.	CEC352	Satellite Communication
Semester-VI		
1.	ET3491	Embedded Systems and IOT Design
2.	CS3491	Artificial Intelligence and Machine Learning
3.	CEC331	4G/5G Communication Networks
4.	CBM342	Brain Computer Interface and Applications


22/11/2024
PREPARED BY


22/11/2024
VERIFIED BY


22/11/24
APPROVED BY

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ANGUCHETTPALAYAM, PANRUTI -607 106.

DEPARTMENT OF MECHANICAL ENGINEERING

PROBLEM BASED CURRICULUM INTEGRATED INTO COURSES

REGULATION 2021

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S. No.	SUBJECT CODE	SUBJECT NAME
Semester-I		
1	GE3151	Problem Solving and Python Programming
2	PH3151	Engineering Physics
3	CY3151	Engineering Chemistry
4	MA3151	Matrices and Calculus
Semester-II		
1	MA3251	Statistics and Numerical Methods
2	BE3251	Basic Electrical and Electronics Engineering
3	GE3251	Engineering Graphics
Semester-III		
1.	MA3351	Transforms and Partial Differential Equations
2.	ME3351	Engineering Mechanics
3.	ME3391	Engineering Thermodynamics
4.	CE3391	Fluid Mechanics and Machinery
Semester-IV		
1.	ME3491	Theory of Machines
2.	ME3451	Thermal Engineering
3.	CE3491	Strength of Materials
Semester-V		
1.	ME3591	Design of Machine Elements
2.	ME3592	Metrology and Measurements
Semester-VI		
1.	ME3691	Heat and Mass Transfer
2.	CME390	Thermal Power Engineering

R. Som 13.9.24
PREPARED BY

K. Sankar 13/9/24
VERIFIED BY

R. Aradi 13/9/24
APPROVED BY

Head of the Department,
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Dr. R. AROKIADASS, M.E., Ph.D.,
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