



JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Academic Year 2019-2020 (EVEN SEMESTER)

CS6811 - PROJECT WORK DETAILS

BATCH: 2016-2020

TOTAL STRENGTH : 53


YEAR / SEM : IV / 08

NO OF BATCHES : 21

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	16CSE001	210616104005	ANU PRIYA E	DETECTION OF LIVER CANCER USING IMAGE PROCESSING TECHNIQUE
2		210616104003	AKSHAYA G	
3		210616104021	ISHWARIYA M	
4	16CSE002	210616104001	ABINAYA.P	SECURED COLLABORATIVE IOT ARCHITECTURE FOR SMART CITIES.
5		210616104024	KANIMOZHI.I	
6		210616104042	SHREE ROHINI.I	
7	16CSE003	210616104007	S.ARUNKUMAR	DEEP LEARNING BASED ATTENDANCE MONITORING SYSTEM USING FACIAL RECOGNITION
8		210616104006	ARUL G BERSHIN AB	
9		210616104050	VIJAY KRISHNA J	
10	16CSE004	210616104008	ARUN KUMAR P	SMART SURVIELLANCE SYSTEM USING DEEP LEARNING
11		210616104011	BALAJI P	
12		210616104031	MOHAMMED THAHIR A	
13	16CSE005	210616104002	ABIRAMI B	SMART HOME AUTOMATION THROUGH VOICE ARDUINO ABS RASPERRY PI
14		210616104016	DEVADHARSHINI T	
15		210616104044	SONIYA M	
16	16CSE006	210616104009	ASHA.E	ECONOMICAL SMART FARMING
17		210616104017	DIVYALAKSHMI A	
18		210616104027	LOGESWARI.J	
19	16CSE007	210616104010	ASWANTH R.S	E-PATIENT DEIDENTIFIED RECORD INTEGRATION USING CLOUD COMPUTING
20		210616104019	HARIHARAN M	
21		210616104051	VINOTH KUMAR D	
22	16CSE008	210616104012	BALAKRISHNAN M	AN IOT BASED CLOUD INTEGRATED SMART AND SUSTAINABLE CLASSROOM
23		210616104034	NAVEEN KUMAR M	
24		210616104038	PRAVEEN RAJU P	
S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
25	16CSE009	210616104004	ALAN RONALD ARASU MC	AN IOT BASED TEMPERATURE MONITORING SYSTEMS IN

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26		210616104013	BALAKRISHNAN S	INDUSTRIES AND TRANSPORTATIONS
27		210616104029	LOKESH L	
28	16CSE010	210616104015	CHITRALEKHA R.S	STOCK ANALYSIS AND PREDITION USING BIG DATA ANALYSIS
29		210616104040	PRIYANKA B	
30		210616104039	PRIANKA R	
31	16CSE011	210616104018	FREDHA CARNELIN F	SMART WATER MANAGEMENT SYSTEM USING MICROCONTROLLER AS IOT SOLUTION
32		210616104020	HEMALATHA S	
33		210616104025	KAVUSALYA M	
34	16CSE012	210616104048	GANDHAMANENI THEJASWARI	A NOVEL APPROACH FOR REVERSIBLE DATABASE WATERMARKING USING FINGERPRINT
35		210616104032	NAGARANI G	
36		210616104049	THIRUKKURALI P.S	
37	16CSE013	210616104022	JAYA GANESH V	ADDRESSING THE SECURITY RISK IN CLOUD COMPUTING BY ABE METHOD
38		210616104052	VISHNU RANJAN R	
39	16CSE014	210616104026	KISHANCANDRA G	FALL DEDUCTION WITH AMBULANCE SERVICE
40	16CSE015	210616104014	BHUVAN B NATESH	AN IOT BASED SMART WINDOW USING TEMPERATURE SENSOR
41		210616104023	JERALD VINFRANK J	
42		210616104028	LOGESH G	
43		210616104043	SIVASUBRAMANIAN A	
44	16CSE016	210616104030	MANISH KUMAR M	DEMENTIA DETECTION FOR ELDERLY PEOPLE USING ROBOTIC PROCESS AUTOMATION
45		210616104037	PRANAV S	
46		210616104047	SUVETHA B	
47	16CSE017	210616104053	YUVARANI K	AN INTELLIGENT IOT BASED PEOPLE EVACUATION GUIDANCE MODEL FOR FIRE HAZARDS
48		210616104035	NYLE S	
49		210616104045	SRILEKHA A	
50	16CSE018	210616104046	SRINIVASAN B.R	DYNAMIC VM SCALING: PROVISIONING AND PRICING THROUGH AN ONLINE AUCTION
51	16CSE019	210616104033	NAVAS J	AGRO ONLINE SHOPPING USING WEB APPLICATION
52	16CSE020	210616104036	PEER MOHAMED S	ANDROID VOTING SYSTEM USING QUICK RESPONSE CODE
53	16CSE021	210616104041	SARAVANAN M	SMART PARKING SYSTEM


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BONAFIDE CERTIFICATE

Certified that this project report “Secured Collaborative IOT Architecture for Smart Cities.” is the bonafide work of Abinaya.P (210616104001), Kanimozhi.I (210616104022), Shree Rohini.I (210616104042) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report “Deep Learning Based Attendance Monitoring System Using Facial Recognition” is the bonafide work of S.ArunKumar (210616104007), Arul G Bershin AB (210616104006), Shree Vijay Krishna J (210616104050) who carried out the project work under my supervision.



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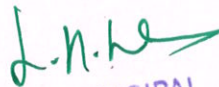
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BONAFIDE CERTIFICATE

Certified that this project report “Smart Surviellance System Using Deep Learning” is the bonafide work of Arun Kumar P (210616104008), Balaji P (210616104011), Mohammed Thahir A (210616104031) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report “Smart Home Automation Through Voice Arduino abs Rasperry Pi” is the bonafide work of Abirami B (210616104002), Devadharshini T (210616104016), Soniya M (210616104044) who carried out the project work under my supervision.



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BONAFIDE CERTIFICATE

Certified that this project report “**Economical Smart Farming**” is the bonafide work of **Asha.E (210616104009)**, **Divyalakshmi A (210616104017)**, **Logeswari.J (210616104027)** who carried out the project work under my supervision.

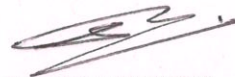


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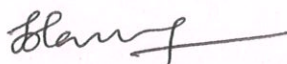
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Mr.H.Shine, M.Tech.

SUPERVISOR

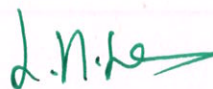
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BONAFIDE CERTIFICATE

Certified that this project report “E-Patient deidentified record integration using cloud computing” is the bonafide work of Aswanth R.S (210616104010), Hariharan M (210616104019), Vinoth Kumar D (210616104051) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report “An IoT based Cloud Integrated Smart and Sustainable Classroom” is the bonafide work of **Balakrishnan M (210616104012)**, **Naveen Kumar M (210616104034)**, **Praveen Raju P (210616104038)** who carried out the project work under my supervision.



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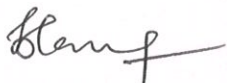
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Certified that this project report “An IoT Based Temperature Monitoring systems in Industries and Transportations” is the bonafide work of AlanRonaldArasu MC (210616104009), Balakrishnan S (210616104013), Lokesh L (210616104029) who carried out the project work under my supervision.



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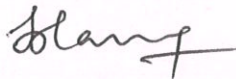
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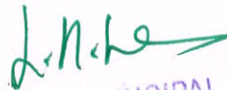
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BONAFIDE CERTIFICATE

Certified that this project report “Stock Analysis and Prediction using Big Data Analysis” is the bonafide work of Chitrlekha R.S (210616104015), Priyanka B (210616104040), Prianka R (210616104039) who carried out the project work under my supervision.



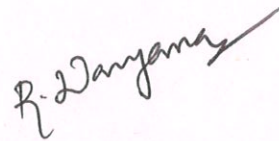
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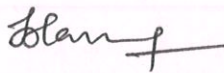
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BONAFIDE CERTIFICATE

Certified that this project report “Smart Water Management System Using Microcontroller as IoT Solution” is the bonafide work of **Fredha Carnelin F (210616104018), Hemalatha S (210616104020), kavusalya M (210616104025)** who carried out the project work under my supervision.



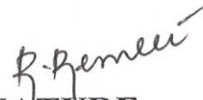
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BONAFIDE CERTIFICATE

Certified that this project report “A Novel Approach For Reversible Database Watermarking Using Fingerprint” is the bonafide work of **Gandhamaneni Thejaswari (210616104048), Nagarani G (210616104032), Thirukkurali P.S (210616104049)** who carried out the project work under my supervision.



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BONAFIDE CERTIFICATE

Certified that this project report “Addressing The Security risk in Cloud Computing By ABE Method” is the bonafide work of **Jaya Ganesh V (210618104022)**, **Vishnu Ranjan R (210618104052)** who carried out the project work under my supervision.

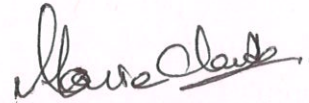


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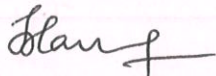
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Dr.N.MarieClaude, Ph.D.

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BONAFIDE CERTIFICATE

Certified that this project report “**Fall Deduction with Ambulance Service**” is the bonafide work of **Kishancandra G (210616104026)** who carried out the project work under my supervision.



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BONAFIDE CERTIFICATE

Certified that this project report "An IoT Based Smart Window using Temperature Sensor" is the bonafide work of **Bhuvan B Natesh (210616104014), Jerald Vinfrank J(210616104023), Logesh G(210616104028), SivaSubramanian A(210616104043)** Who carried out the project work under my supervision.




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BONAFIDE CERTIFICATE

Certified that this project report “**Dementia Detection for Elderly People using Robotic Process Automation**” is the bonafide work of **Manish Kumar M (210616104030), Pranav S (210616104037)** Who carried out the project work under my supervision.



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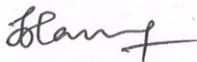
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BONAFIDE CERTIFICATE

Certified that this project report “An Intelligent IOT Based People Evacuation Guidance Model for Fire Hazards” is the bonafide work of Suvetha B (210616104047), Yuvarani K (210616104053), Nyle S (210616104035), Srilekha A (210616104045), who carried out the project work under my supervision.



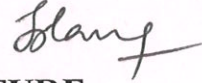
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BONAFIDE CERTIFICATE

Certified that this project report “**Dynamic VM Scaling: Provisioning And Pricing Through An Online Auction**” is the bonafide work of **Srinivasan B.R (210616104046)** Who carried out the project work under my supervision.

SIGNATURE

Dr.J.FARITHA BANU, Ph.D.

HEAD OF THE DEPARTMENT

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Submitted for the Examination held on 22.07.2020

INTERNAL EXAMINER

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SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “AGRO Online Shopping Using Web Application” is the bonafide work of Navas J (210616104033) Who carried out the project work under my supervision.



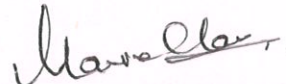
SIGNATURE

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Dr.N.Marie Claude, Ph.D.

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Submitted for the Examination held on 22.09.2020



INTERNAL EXAMINER

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EXTERNAL EXAMINER

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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “Android Voting System Using Quick Response Code” is the bonafide work of Peer Mohamed S (210616104036) who carried out the project work under my supervision.



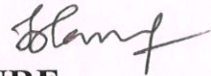
SIGNATURE

Dr.J.FARITHABANU, Ph.D.

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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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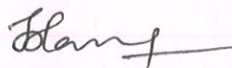
Dr.J.FarithaBanu, Ph.D.

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Sriperumbudur. 631604.

Submitted for the Examination held on 22-09-2020



INTERNAL EXAMINER

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EXTERNAL EXAMINER

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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “**Smart Parking System**” is the bonafide work of **Saravanan M (210616104041)** who carried out the project work under my supervision.



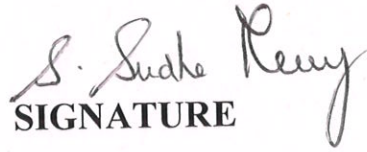
SIGNATURE

Dr.J.FARITHA BANU, Ph.D.

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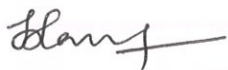
Ms.SudhaMercy.S, M.E.

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Submitted for the Examination held on 22.09.2020



INTERNAL EXAMINER

Dr. J. Faritha Banu



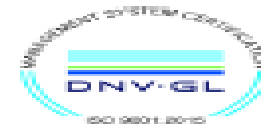
PRINCIPAL

EXTERNAL EXAMINER

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INSTITUTE OF TECHNOLOGY
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FINAL YEAR PROJECT –DETAILS

Department: EEE

Batch: 2016-2020

Total Strength: 46

Academic Year: 2019-2020

Batches: 13

BATCH NO	REG NO	NAME OF STUDENT	TOPIC	INTERNAL GUIDE NAME
16EEE01	210616105001	Ahmed Mohamed J	ARDUINO BASED VEHICLE ENGAGING E-PORT ON RECHARGING STATION	Ms. Thaniga D
	210616105023	Nagasubramani N		
	210616105025	Naveen kumar V		
	210616105039	Santhosh kumar V		
16EEE02	210616105002	Amos S	DIFFERENT FAST CHARGING METHODS AND TOPOLOGIES FOR ELECTRIC VEHICLE CHARGING	Mr. Baskaran S
	210616105003	Arun B		
	210616105010	Elavarasan S		
	210616105028	Peter Royi J		
16EEE03	210616105004	Arun Pandiyan R	POWER MANAGEMENT IN INTELLIGENT BUILDING BASED ON DAILY DEMAND PREDITION USING ANDROID	Mrs. Muthu kumari T
	210616105020	Lalith Kumar R		
	210616105035	Roopnath A		
	210616105037	Sanjai Kumar D		
	210616105005	Bharath B		

16EEE04	210616105014	Jayaraj J	AUTOMATIC RAILWAY TRACK CLEANING SYSTEM USING AURDINO	Mr. Baskaran S
	210616105024	Nandha Kumar P		
	210616105026	Naveen Kumar K		
16EEE05	210616105006	Deepa R	SMART ANALYSIS OF MICROGRID USING RENEWABLE ENERGY RESOURCES	Dr. Prajith Prabhakar
	210616105007	Dharani K		
	210616105031	Ragini K		
	210616105701	Nancy Asmitha. P.A		
16EEE06	210616105008	Dhesika K	BUILT IN CULTIVATION	Ms. Thaniga. D
	210616105027	Padmasree B		
	210616105036	Sangeetha A		
16EEE07	210616105009	Dinesh Kumar S	DESIGN AND FABRICATION OF SINGLE PHASE TO THREE PHASE AC- AC POWER FREQUENY CONVERTER	Mr. Antony Charles
	210616105022	Mohammed Ifraz C		
	210616105030	Praveen Kanna P J		
	210616105044	Yuvaraj K		
16EEE08	210616105011	Gayathri S	TRAFFIC SIGNAL CONTROL SYSTEM USING AURDINO BASED SPIKE SHAFT	Dr.Prajith Prabhakar
	210616105019	Lakshmi Subramanian		
	210616105041	Sowmiya M		
	210616105042	Vivedha R		
16EEE09	210616105012	Hrishikesh V P	PREDICTIVE ANALYSIS FOR INDUCTION MOTOR	Dr.Prajith Prabhakar
	210616105016	Kanagasabapathi B		
	210616105301	Santhosh Kumar P		
16EEE10	210616105013	Jayachandran K	FIRE BALL FIRE FIGHTING ROBOT	Dr.Prajith Prabhakar
16EEE11	210616105015	Jhonson P	POWER GENERATION USING PIEZO ELECTRIC SENSOR AND VAWAT A RENEWABLE SOURCE	Ms. Thaniga. D
	210616105021	Lokesh P		
	210616105040	Sivabalan A		

	210616105043	Yogeswaran T		
16EEE12	210616105017	Kannan P	FPGA Based SVPWM Control Technique in Three- Phase Matrix Converter	Mr. Antony Charles
	210616105029	Pratheesh A		
	210616105032	Rajaram A		
	210616105038	Sanjeev S		
16EEE13	210616105018	Keerthana A	AUTOMATIC INTIMATION FOR TOXIC GAS FROM ROOM HEATER	Ms. Thaniga. D
	210616105033	Rathika T		
	210616105034	Revathi S		



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SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report " TRAFFIC LIGHT SIGNAL CONTROL is the bonafidework GAYATHIRI(210616105020),LAKSHMI SUBRAMANIAN (210616105035), who carried out the project work under my supervision.


SIGNATURE

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Associate Professor

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Submitted for the Examination held on 16/08/2021


INTERNAL EXAMINER


EXTERNAL EXAMINER


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SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “ ”is the bonafide work of DESIGN AND FABRICATION OF SINGLE PHASE TO THREE PHASE AC- AC POWER FREQUENCY CONVERTER who carried out the project work under my supervision of Yuvaraj(210616105034),Mohamed irfaz(210616105009).


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Submitted for the Examination held on 10/6/2021



INTERNAL EXAMINER



EXTERNAL EXAMINER



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report " POWER MANAGEMENT IN INTELLIGENT BUILDING BASED ON DAILY DEMAND PREDITION USING ANDROID "is the bonafide work of lalith kumar(210616105020),Roopnath(210616105035), who carried out the project work under my supervision.


SIGNATURE

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Submitted for the Examination held on 20/12/20


INTERNAL EXAMINER


EXTERNAL EXAMINER


PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report " AUTOMATIC RAILWAY TRACK "is the bonafide work of Bharath(210616105004),Jayaraj(210616105010),Nandhaku who carried out the project work under my supervision


SIGNATURE

Mrs.T.MUTHUKUMARI

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Mr. S.BASKARAN

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Sriperumbudur. 631604.

Submitted for the Examination held on 10/05/20


INTERNAL EXAMINER


EXTERNAL EXAMINER


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SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "SMART ANALYSIS OF MICROGRID USING RENEWABLE ENERGY RESOURCES" is the bonafide work of Deepa(210616105003),Dharini(210616105016) who carried out the project work under my supervision


SIGNATURE

Mrs.T.MUTHUKUMARI

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Submitted for the Examination held on 10/5/20


INTERNAL EXAMINER


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SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "BULIT IN CULVIATION" is the bonafide work of Deepa(210616105003),Dharini(210616105016) who carried out the project work under my supervision


SIGNATURE

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Associate Professor
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Sriperumbudur. 631604.

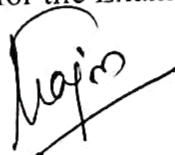

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Ms.D.THANIGA


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Submitted for the Examination held on 10/12/2020


INTERNAL EXAMINER


EXTERNAL EXAMINER


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SRIPERUMBUDUR - 631604.

**JEPPIAAR INSTITUTE OF TECHNOLOGY***"Self Belief | Self Discipline | Self Respect"***DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING****Academic Year 2019 - 2020 (Even Semester)****EC6811 - PROJECT WORK DETAILS****Batch: 2012 - 2016****TOTAL STRENGTH: 95****Year/Sem: IV/08****NUMBER OF BATCHES: 31**

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	JIT/ECE/ 16-20/ 001	210616106051	R.PAVITHRA	ACCIDENT SEVERITY DETECTION USING IOT
2		210616106034	B.KIRTHIKA	
3		210616106065	K.REVATHY	
4	JIT/ECE/ 16-20/ 002	210616106087	K.SWETHA	WIRELESS ECG DETECTOR
5		210616106023	S.HARSHITHA	
6		210616106048	T.NIKITHA	
7	JIT/ECE/ 16-20/ 003	210616106036	S.LEENA	DESIGNING A WSN NODE FOR PROTECTION OF FOREST TREES AGAINST POACHING
8		210616106064	C.REVATHI	
9		210616106003	K.S. ANU KARTHIKA	
10	JIT/ECE/ 16-20/ 004	210616106057	D.PRIYANKA	GUESTURE CONTROL ROBOT USING ARDUINO
11		210616106096	G.VISHNU PRIYA	
12		210616106070	H.SANTHOSHINI	
13	JIT/ECE/ 16-20/ 005	210616106014	M.GOWRI	AN ARDUINO WEARABLE DEVICE FOR CHILD SAFETY
14		2.10616E+11	K.VISHALI	
15		210616106701	R.DIVYA PRIYADHARSHINI	
16	JIT/ECE/ 16-20/ 006	210616106097	A.VISHNU PRIYA	DESIGN OF COMBINATIONAL CIRCUIT USING REVERSIBLE LOGIC
17		210616106083	N.SUMANTHA	
18		210616106056	S.PRIYANKA	
19	JIT/ECE/ 16-20/ 007	210616106044	R.MONISHA	INDOOR NAVIGATION USING VISIBLE LIGHT COMMUNICATION FOR BLIND PEOPLE
20		210616106017	HARIDEEPIKA.B.P.L	
21		210616106067	S.SAMBAVI	
22	JIT/ECE/ 16-20/ 008	210616106038	K.MALATHI	SMART STRETCHER AND INTEGRATED MEDICAL INTELLIGENCE SYSTEM FOR UNCONSCIOUS PERSON
23		210616106007	L.ASHWINI	
24		210616106080	J.SOWMIYA	
25	JIT/ECE/ 16-20/ 009	210616106093	VIGNESHWARAN	A SELF POWERED WEARABLE IOT SENSOR NETWORK FOR HEALTH MONITORING BASED ON LORA
26		210616106092	VIGNESH	
27		210616106019	S.HARIHARAN	
28	JIT/ECE/ 16-20/ 010	210616106052	J.PRAVEEN	DESIGN OF SUBSTRATE INTEGRATED SLOT ANTENNA FOR 5 G APPLICATIONS
29		210616106084	A.SURYA	
30		210616106059	RAJASEKAR	

31		210616106073	V.SATHISHKUMAR	
32	JIT/ ECE/ 16-20/ 011	210616106049	NIRANJAN	CANCER LUMP DETECTION USING CNN
33		210616106069	SANJURAJAN	
34		210616106030	KALAIYARASAN	
35		210616106072	R.SATHISH	
36	JIT/ ECE/ 16-20/ 012	210616106020	V.HARIHARAN	DESIGN OF LOW POWER AND HIGH SPEED RECURSIVE MULTIPLIER DESIGN
37		210616106012	P.K.ELANCHEZIAN	
38		210616106090	VASANTH KUMAR	
39		210616106063	R.S.RAVICHANDRAN	
40	JIT/ ECE/ 16-20/ 013	210616106016	S.GURUKARTHIK	GUIDEING AND CONTROL OF BOAT USING WIRELESS SYSTEM
41		210616106058	A.S.RAHUL RAJ	
42		210616106075	P.V.SATHYANARAYAN	
43	JIT/ ECE/ 16-20/ 014	210616106085	J.P. SURYA PRAKASH	TEXT RECOGNITION IN IMAGES USING PYTHON
44		210616106010	M.DEVAPERUMAL	
45		210616106082	R.SRIRAM	
46	JIT/ ECE/ 16-20/ 015	210616106031	S.KARTHIKEYAN	MYRIO BASED MOBILE ROBOTS FOR RESCUE COMPETITIONS
47	JIT/ ECE/ 16-20/ 016	210616106009	S.BHARANIDHARAN	MULTIBAND MICROSTRIP PATCH ANTENNA FOR WIRELESS APPLICATIONS

48	JIT/ ECE/ 16-20/ 001	210616106055	A.PRIYADHARSHINI	THE DEVELOPMENT OF A PEDESTRIAN NAVIGATION AID FOR VISUALLY CHALLENGED PERSONS
49		210616106033	E.KEERTHIKA	
50		210616106035	S.KRITHIKA	
51		210616106011	V.DHANALAKSHMI	
52	JIT/ ECE/ 16-20/ 002	210616106024	K.HEMALATHA	PATIENT HEALTH MONITORING SYSTEM
53		210616106040	M.MEENAKSHI	
54		210616106041	P.R.MEGALADEVI	
55		210616106076	D.SHALINI	
56	JIT/ ECE/ 16-20/ 003	210616106089	D.VAISHNAVI	GSM BASED AUTOMATED PARALYSIS PATIENT HEALTH CARE SYSTEM
57		210616106077	R.SHILPA	
58		210616106053	X.PRISCILLA	
59	JIT/ ECE/ 16-20/ 004	210616106026	S.T.HEMAPRIYA	FOREST MONITORING AND ALERT SYSTEM
60		210616106074	R.SATHYA	
61		210616106086	G.SWATHIKA	
62	JIT/ ECE/ 16-20/ 005	210616106027	A.HIRANMARIE	SMART BIKE FOR TRAFFIC POLICE ASSISTANCE
63		210616106037	B.MADHUMITHA	
64		210616106032	S.KAYAHTRI	MODELLING OF RECTANGULAR GROOVE TO REDUCE FEAR END

65	JIT/ ECE/ 16-20/ 006	210616106081	SOWMIYA	GROOVE TO REDUCE PARALLEL CROSSTALK IN MICROSTRIP LINES COVERED WITH A DIELECTRIC LAYER
66		210616106054	S.PRIYADHARSHINI	
67	JIT/ ECE/ 16-20/ 007	210616106008	B.BETTY VEFELIN RAJ	IOT BASED UBIQUITOUS HEALTH CARE SYSTEMS FOR MILITARY APPLICATIONS
68		210616106050	K.PRATHIPA	
69		210616106071	A.V.SIVAKEERTHANA	
70	JIT/ ECE/ 16-20/ 008	210616106045	MUGESH KUMAR	DESIGN OF MICROSTRIP PATCH ANTENNA FOR 5G COMMUNICATION
71		210616106039	V.MANOKARAN	
72		210616106068	S.SAMSON	
73		210616106078	S.SIDHARTH	
74	JIT/ ECE/ 16-20/ 009	210616106006	L.AASHIK ALI	SIGNAL INTEGRITY ANALYSIS
75		210616106005	C.ARULMOZHIVARMAN	
76		210616106028	S.IJABEZ PAUL DAVID	
77		210616106062	V.RANJITH	
78	JIT/ ECE/ 16-20/ 010	210616106046	D.NAVEEN KUMAR	COLD MINE SAFETY SYSTEM USING RASBERRY PI
79		210616106021	S.HARIHARAN	
80		210616106061	RAM KUMAR	
81	JIT/ ECE/ 16-20/ 011	210616106066	A.RIYAZUDDIN	WATER CONSERVATION AND TAPPING OF WATER USING HYDRO CALC
82		210616106029	S.KABIL	
83		210616106043	A.H.MOHAMED WASIM	
84		210616106001	A.M.AGHILE	
85	JIT/ ECE/ 16-20/ 012	210616106060	A.R.RAMANATHAN	PREDICTIVE ANALYSIS ON PROSPECTIVE COSTUMER MARGIN
86	JIT/ ECE/ 16-20/ 013	210616106018	A.HARIHARAN	ELECTRONICS PASSENGER ALLOCATION DEVICE IN RAILWAYS
87		210616106004	K.ARIVAZHAGAN	
88		210616106071	SANTHOSH KUMAR	
89	JIT/ ECE/ 16-20/ 014	210616106013	R.GIRIDHARAN	GARBAGE MONITORING SYSTEM USING IOT
90		210616106015	D.GOWTHAM	
91		210616106091	L.VENKATESH PRASATH	
92	JIT/ ECE/ 16-20/ 015	210616106002	AKHIL D GEORGE	GESTURE CONTROLLED SURVEILLANCE BOT
93		210616106047	M NAVEEN KUMAR	
94		210616106025	HEMANTH RAAJ M	
95		210616106042	MOHAMED KAMEEL A	

**MY RIO BASED MOBILE ROBOT FOR
RESCUE COMPETITION**

A PROJECT REPORT

Submitted by

KARTHIKEYAN S (210616106031)

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

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



**JEPPIAAR INSTITUTE OF TECHNOLOGY
CHENNAI**

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PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604**

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**MY RIO BASED MOBILE ROBOT FOR RESCUE COMPETITION** ” is the bonafide work of “**KARTHIKEYAN.S(210616106031)**” who carried out the project work under my supervision.



SIGNATURE

Dr.L.M.MERLIN LIVINGSTON,

M.E.,Ph.D.,

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Submitted for university examined held on.....²²⁻⁰⁹⁻²⁰²⁰.....at Jeppiaar Institute of

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INTERNAL EXAMINER



PRINCIPAL



EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

“ELECTRONIC PASSENGER ALLOCATION DEVICE IN RAILWAYS”

A PROJECT REPORT

Submitted by

ARIVAZHAGAN K	–	210616106004
A.HARIHARAN	–	210616106018
A.SANTHOSH KUMAR	–	210616106071

In partial fulfillment for the award of the degree Of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

ANNA UNIVERSITY: CHENNAI - 631604

SEPTEMBER: 2020

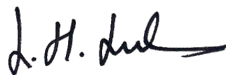
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**JEPPIAAR INSTITUTE OF TECHNOLOGY
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “ELECTRONIC PASSENGER ALLOCATION DEVICE IN RAILWAYS” is the bonafide work of ARIVAZHAGAN K (210616106004), A. HARIHARAN (210616106018), and A. SANTHOSH KUMAR (210616106071), who carried out the project work under my supervision.



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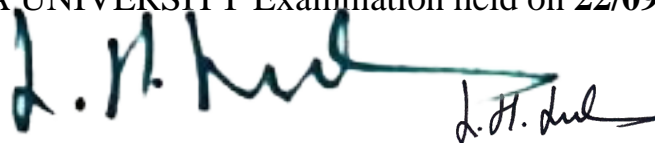
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Submitted for the ANNA UNIVERSITY Examination held on **22/09/2020**.



INTERNAL EXAMINER



PRINCIPAL

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**JEPPIAAR INSTITUTE OF TECHNOLOGY
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GARBAGE MONITORING SYSTEM

A PROJECT REPORT

Submitted by

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GOWTHAM D (210616106015)

VENKATESH PRASATH L (210616106091)

In partial fulfilment for the award of the degree

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in

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CHENNAI

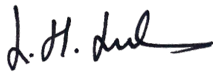
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BONAFIDE CERTIFICATE

Certified that this project report titled “**GARBAGE MONITORING SYSTEM**” is the bonafide work of **GIRIDHARAN R (210616106013)**, **GOWTHAM D (210616106015)**, **VENKATESH PRASATH L (210616106091)** who carried out the project work under my supervision.



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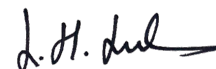
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PRINCIPAL




INTERNAL EXAMINER

EXTERNAL EXAMINER

JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604

GUIDING AND CONTROLLING OF BOAT USING WIRELESS SYSTEM

A PROJECT REPORT

Submitted by

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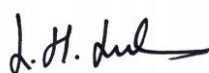
ANNA UNIVERSITY: CHENNAI 600 025

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**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
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Certified that this project report titled “GUIDING AND CONTROLLING OF BOAT USING WIRELESS SYSTEM” is the bonafide work of “SATHYA NARAYANAN P V (210616106075), RAHUL RAJ A S (210616106058), GURUKARTHIK S (210615106016)” who carried out the project work under my supervision.



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INTERNAL EXAMINER



PRINCIPAL

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JEPPIAAR INSTITUTE OF TECHNOLOGY
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FOREST MONITORING AND ALERT SYSTEM

A PROJECT REPORT

Submitted by

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SWATHIKA G (210616106086)

In partial fulfilment for the award of the degree

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Certified that this project report titled “FOREST MONITORING AND ALERT SYSTEM” is the bonafide work of **HEMAPRIYA S T (210616106026)**, **SATHYA R (210616106074)**, **SWATHIKA G (210616106086)** who carried out the project work under my supervision.



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INTERNAL EXAMINER



PRINCIPAL



EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
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**DESIGNING A WSN NODE FOR PROTECTION OF FOREST TREES AGAINST
POACHING**

A PROJECT REPORT

Submitted by

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REVATHI C (210616106064)

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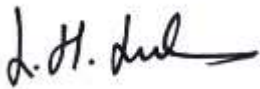
ANNA UNIVERSITY, CHENNAI 600 025

SEPTEMBER 2020

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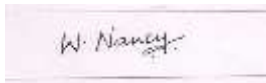
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INTERNAL EXAMINER

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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
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**SMART STRETCHER AND INTEGRATED MEDICAL
INTELLIGENCE SYSTEMS FOR UNCONSCIOUS PERSON**

A PROJECT REPORT

Submitted by

ASHWINI L [REGISTER NO.210616106007]

MALATHI K [REGISTER NO.210616106038]

SOWMIYA J [REGISTER NO.210616106080]

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SEPTEMBER 2020

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Certified that this project report “SMART STRETCHER AND INTEGRATED MEDICAL INTELLIGENCE SYSTEM FOR UNCONSCIOUS PERSON” is the bonafide work of “ASHWINI. L, MALATHI. K, SOWMIYA. J” who carried out the project work under my supervision.



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PATIENT HEALTH MONITORING SYSTEM USING ARDUINO

A PROJECT REPORT

Submitted by

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MEENAKSHI.M (210616106040)

MEGALA DEVI .P.R (210616106041)

SHALINI .D (210616106076)

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SEPTEMBER 2020

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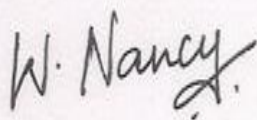
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JEPPIAAR INSTITUTE OF TECHNOLOGY
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**DESIGN OF SUBSTRATE INTEGRATED SLOT
ANTENNA FOR 5G COMMUNICATION**

A PROJECT REPORT

Submitted by

PRAVEEN J (210616106052)

SURYA A (210616106084)

RAJASEKAR M (210616106059)

SATHISH KUMAR V (210616106073)

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**JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBATHUR,
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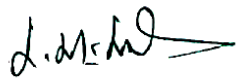
ANNA UNIVERSITY, CHENNAI 600 025

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BONAFIDE CERTIFICATE

This is to certify that this project report titled “**DESIGN OF SUBSTRATE INTEGRATED SLOT ANTENNA FOR 5G COMMUNICATION**” is the bonafide work of “**PRAVEEN J (210616106052), SURYA A (210616106084), RAJASEKAR M(210616106059), SATHISH KUMAR V (210616106073)**, who carried out the project work under my supervision.



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SMART BIKE FOR TRAFFIC POLICE ASSISTANCE

A PROJECT REPORT

Submitted by

MADHUMITHA B (210616106037)

HIRANMAIE A (210616106027)

In partial fulfillment for the award of the degree

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ANNA UNIVERSITY: CHENNAI 600 025

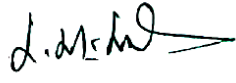
SEP 2020

PRINCIPAL

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This is to Certify that this project report titled "SMART BIKE FOR TRAFFIC POLICE ASSISTANCE" is the Bonafide work of "MADHUMITHA B (210616106037), HIRANMAIE A (210616106027)" who carried out the project work under my supervision.



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**DESIGN OF MIMO ANTENNA FOR 5G
COMMUNICATION**

A PROJECT REPORT

Submitted by

MUGESHKUMAR M (210616106045)

SAMSON A (210616106038)

MANOKARAN V (210616106039)

SIDHARTH S (210616106078)

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**PRINCIPAL
SEPTEMBER 2020**

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This is to Certify that this project report titled “**DESIGN OF MIMO ANTENNA FOR 5G COMMUNICATION**” is the bonafide work of “**SAMSON A (210616106010), SIDHARTH A (210616106038), MUGESHKUMAR M(210616106045), MANOKARAN V (210616106039)**, who carried out the project work under my supervision.

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ARDUINO BASED WEARABLE DEVICE FOR CHILD SAFETY

A PROJECT REPORT

Submitted by

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VISHALI.K(210616106095)

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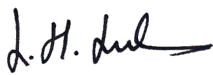
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**JEPPIAAR INSTITUTE OF TECHNOLOGY
SEPTEMBER 20
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Certified that this project report “**ARDUINO BASED WEARABLE DEVICE FOR CHILD SAFETY**” is the bonafide work of “**GOWRI.M (210616106014), DIVYA PRIYADHARSHINI. R (210616106701), VISHALI.K (210616106095)**” who carried out the project work under my supervision.



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INTERNAL EXAMINER



EXTERNAL EXAMINER



PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

**DESIGN OF MULTIBAND MICROSTRIP PATCH
ANTENNA FOR 5G COMMUNICATIONS**

A PROJECT REPORT

Submitted by

BHARANI DHARAN.S (210616106009)

In partial fulfillment for award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



**JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBATHUR,
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ANNA UNIVERSITY: CHENNAI 600 025

**PRINCIPAL
SEPTEMBER 2020**

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report titled “**DESIGN OF MULTIBAND MICROSTRIP PATCH ANTENNA FOR 5G COMMUNICATIONS**” is the bona fide work of “**BHARANI DHARAN.S (210616106009)**”, who carried out the project work under my supervision.

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Mrs. M. BENISHA, M.E, (PhD)
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Submitted for university examination held on 22-09-2020.

INTERNAL EXAMINER

EXTERNAL EXAMINER

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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ACCIDENT SEVERITY DETECTION USING IoT

A PROJECT REPORT

Submitted by

REVATHY.K (210616106065)

KIRTHIKA.B (210616106034)

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In partial fulfilment for the award of the degree

Of

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JEPPIAAR INSTITUTE OF TECHNOLOGY,

SUNGU VARCHATAM.

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

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JEPPIAAR INSTITUTE OF TECHNOLOGY

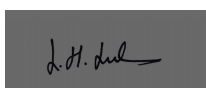
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ANNA UNIVERSITY : 600 025

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Certified that this project report “ACCIDENT SEVERITY DETECTION USING IoT” is the bonafide work of “ K.REVATHY(210616106065) ,B.KIRTHIKA(210616106034) ,R.PAVITHRA (210616106051)” who carried out the project work under my supervision.



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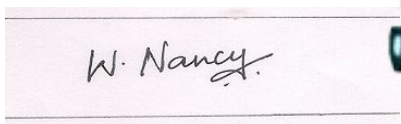
SUPERVISOR

ASSITANT PROFESSOR

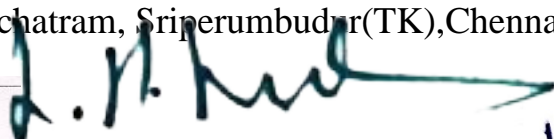
DEPARTMENT OF ECE

**JEPPIAAR INSTIUTE OF
TECHNOLOGY**

Submitted for university examination held onat Jeppiaar Institute of Technology, Sunguvarchatram, Sriperumbudur(TK),Chennai631604.



INTERNAL EXAMINER



PRINCIPAL



EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

GESTURE CONTROL ROBOT USING ARDUINO

A PROJECT REPORT

Submitted by

PRIYANKKA D (210616106057)

SANTHOSHINI H (210616106070)

VISHNUPRIYA G (210616106096)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

**ELECTRONICS AND COMMUNICATION
ENGINEERING**



JEPPIAAR INSTITUTE OF TECHNOLOGY

SUNGUVARCHATARAM

ANNA UNIVERSITY: CHENNAI 600 025

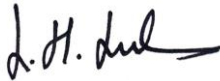
SEPTEMBER 2020

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "GESTURE CONTROL ROBOT USING ARDUINO" is the bonafide work of **PRIYANKKA D(210616106057), SANTHOSHINI H(210616106070), VISHNUPRIYA G (210616106096)** who carried out the project work under my supervision.



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Submitted for university examination held on 22/09/2020 at Jeppiaar Institute of Technology, Chennai 631604.



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INTERNAL EXAMINER *W. Nancy* **EXTERNAL EXAMINER** *H. H.*
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SRIPERUMBUDUR - 631604

COAL MINE SAFETY SYSTEM USING RASPBERRY PI

A PROJECT REPORT

Submitted by

HARIHARAN.S (210616106021)

NAVEEN KUMAR.D (210616106046)

RAM KUMAR.M (210616106061)

In partial fulfilment for the award of the degree

of

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in

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

SUNGUVACHATRAM.

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

**JEPPIAAR INSTITUTE OF TECHNOLOGY
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled “**COAL MINE SAFETY SYSTEM USING RASPBERRY PI**” is the bonafide work of “**HARIHARAN.S(210616106021), NAVEEN KUMAR.D(210616106046), RAM KUMAR.M(210616106061)**” who carried out the project work under my supervision.



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INTERNAL EXAMINER

PRINCIPAL

EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

**THE DEVELOPMENT OF A PEDESTRIAN
NAVIGATION AID FOR VISUALLY CHALLENGED
PERSONS**

A PROJECT REPORT

submitted by

DHANALAKSHMI V (210616106011)

KEERTHIKA E (210616106033)

KRITHIKA S (210616106035)

PRIYA DHARSHINI A (210616106055)

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J. N. Subramanian

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**JEPPIAAR INSTITUTE OF TECHNOLOGY
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BONAFIDE CERTIFICATE

Certified that this project report “**THE DEVELOPMENT OF A PEDESTRIAN NAVIGATION AID FOR VISUALLY CHALLENGED PERSONS**” is the bonafide work of “**DHANALAKSHMI V (210616106011), KEERTHIKA E (210616106033), KRITHIKA S (210616106035), PRIYA DHARSHINI A (210616106055)**” who carried out the project work under my supervision.



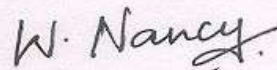
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Mrs. W. NANCY, M.E.,
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Submitted for university examination held on 22.09.2020 at Jeppiaar Institute of Technology, Sunguvarchatram, Sriperumbudur(TK), Chennai 631604.



PRINCIPAL

INTERNAL EXAMINER

EXTERNAL

EXAMINER

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
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**GSM BASED AUTOMATED PARALYZED PATIENT
HEALTHCARE SYSTEM**

A PROJECT REPORT

Submitted by

SHILPA.R (210616106077)

PRISCILLA.X (210616106053)

VAISHNAVI.D (210616106089)

In partial fulfillment for the award of the degree

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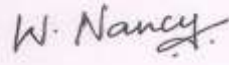
**JEPPIAAR INSTITUTE OF TECHNOLOGY
SUNGUVACHATRAM.**

ANNA UNIVERSITY: CHENNAI 600 025

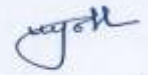
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Certified that this project report titled “**GSM BASED AUTOMATED PARALYSED PATIENT HEALTHCARE SYSTEM**” is the bonafide work of “**SHILPA.R(210616106077), PRISCILLA.X(210616106053),VAISHNAVI.D(210616106089)**” who carried out the project work under my supervision.

	
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Submitted for university examination held on 22.09.2020 at Jeppiaar Institute of Technology, Sunguvarchatram, Sriperumbudur(TK),Chennai 631604.



INTERNAL EXAMINER



EXTERNAL EXAMINER



**PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604**

CANCER LUMP DETECTION USING CONVOLUTION NEURAL NETWORK

A PROJECT REPORT

Submitted by

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NIRANJAN. C B 210616106049

SANJURAJAN. P 210616106069

SATHISH.R 210616106072

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SUNGUVACHATRAM

**JEPPIAAR INSTITUTE OF TECHNOLOGY
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BONAFIDE CERTIFICATE

Certified that this project report titled “**CANCER LUMP DETECTION USING CNN**” is the bonafide work of **K. KALAIYARASAN (210616106030), C B. NIRANJAN (210616106049), P. SANJURAJAN (210616106069), R. SATHISH (210616106072)**, Who Carried out the project work under my supervision.



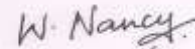
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Mrs.W.NANCY,M.E.,(Ph.D.)

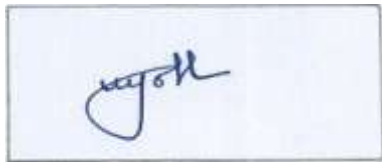
SUPERVISOR

Assistant Professor

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Submitted for Anna University Final Year project held on 22.09.2020 at Jeppiaar Institute of Technology, Sunguvarchatram, Sriperumbudur (TK), Chennai 631604.



INTERNAL EXAMINER



PRINCIPAL



EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

WIRELESS ECG DETECTOR

A PROJECT REPORT

Submitted by

HARSHITHA S (210616106023)

NIKITHA T (210616106048)

SWETHA K (210616106087)

in partial fulfillment for the award of the degree

of

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in

ELECTRONICS AND COMMUNICATION ENGINEERING



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CHENNAI

ANNA UNIVERSITY, CHENNAI 600 025

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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report “**WIRELESS ECG DETECTOR**” is the bonafide work
Of **HARSHITHA S (210616106023), NIKITHA T (210616106048),**
SWETHA K (210616106087) who carried out the project work under my supervision.



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Dr.L.M.MERLIN LIVINGSTON, M.E., Ph.D.,

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INTERNAL EXAMINER

EXTERNAL EXAMINER

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JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604

INDOOR NAVIGATION USING VISIBLE LIGHT COMMUNICATION FOR BLIND PEOPLE

A PROJECT REPORT

Submitted by

HARI DEEPIKA B.P.L (210616106017)
MONISHA R (210616106044)
SAMBAVI S (210616106067)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



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CHENNAI

ANNA UNIVERSITY: CHENNAI 600 025


SEPTEMBER 2020

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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report “**INDOOR NAVIGATION USING VISIBLE LIGHT COMMUNICATION FOR BLIND PEOPLE**” is the bonafide work of **HARI DEEPIKA BPL(210616106017)**, **MONISHA R(210616106044)**, **SAMBAVI S(210616106067)**, who carried out the project work under my supervision.

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PROFESSOR

DEPARTMENT OF ECE

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INTERNAL EXAMINER

EXTERNAL EXAMINER



PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

WATER CONSERVATION AND TAPPING OF WATER USING HYDROCALC

A PROJECT REPORT

Submitted by

RIYAZUDDIN A (210616106066)

AGHILE A M (210616106001)

MOHAMED WASIM A H (210616106043)

KABIL S (210616106029)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING

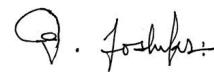


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CHENNAI**

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ANNA UNIVERSITY: CHENNAI 600 025
SEPTEMBER 2020
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
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BONAFIDE CERTIFICATE

Certified that this project report titled “WATER CONSERVATION AND TAPPING OF WATER USING HYDROCALC” is the bonafide work of RIYAZUDDIN A (210616106066), AGHILE A M (210616106001), MOHAMED WASIM A H (210616106043) and KABIL S (210616106029) who carried out the project work under my supervision.



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INTERNAL EXAMINER **PRINCIPAL** **EXTERNAL EXAMINER**
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**PREDICTIVE ANALYSIS ON PROSPECTIVE
CUSTOMER MARGIN**

A PROJECT REPORT

Submitted by

Ramanathan AR

in partial fulfilment for the award of the degree

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BACHELOR OF ENGINEERING

IN

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JEPPIAAR INSTITUTE OF TECHNOLOGY, KANCHEEPURAM

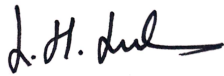

ANNA UNIVERSITY :: CHENNAI 600 025

PRINCIPAL
SEPTEMBER 2020
JEPPIAAR INSTITUTE OF TECHNOLOGY
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Certified that this project report **“PREDICTIVE ANALYSIS ON PROSPECTIVE CUSTOMER MARGIN”** is the bonafide work of **“Ramanathan AR (210616106060)”** who carried out the project work under my supervision.



Signature

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D.S. Arul
Professor
Department of ECE

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

TEXT RECOGNITION IN IMAGE USING PYTHON

A PROJECT REPORT

Submitted by

SRIRAM R

DEVAPERUMAL M

SURYA PRAKASH J P

in partial fulfillment for the award of the degree

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in

ELECTRONICS AND COMMUNICATION ENGINEERING



**JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBATHUR,
CHENNAI**

ANNA UNIVERSITY: CHENNAI 600 025

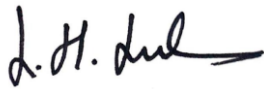
SEPTEMBER 2020

**PRINCIPAL
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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

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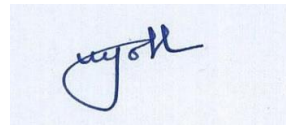
Certified that this project report “**TEXT RECOGNITION IN IMAGE USING PYTHON**” is the bonafide work of “**SRIRAM R (210616106082), DEVAPERUMAL M (210616106010) and SURYA PRAKASH J P (210616106085)**” who carried out the project work under my supervision.

SIGNATURE



Dr. L.M.MERLIN LIVINGSTON ,
HEAD OF DEPARTMENT,
PROFESSOR,
Department of ECE,
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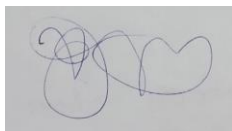
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Mr. V.Yokesh,
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Jeppiaar Institute of Technology

Submitted for university examination held on 22/09/2020 at Jeppiaar Institute of Technology, Chennai 631604

INTERNAL EXAMINER

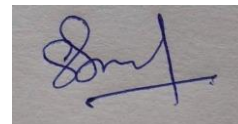


Ms. A.PARIMALA,
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EXTERNAL EXAMINER



Dr. S.ARUL,
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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

**“MODELLING OF RECTANGULAR GROOVE TO REDUCE FAR-END CROSS
TALK IN MICROSTRIP LINES COVERED WITH A DIELECTRIC LAYER”**

A PROJECT REPORT

Submitted by

SOWMIYA S (2106161060081)

PRIYADHARSHINI S (210615106054)

KAYATHRI S (210616106032)

In partial fulfillment for the award of the degree of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



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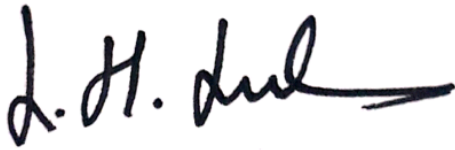
MARCH 2020

PRINCIPAL

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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

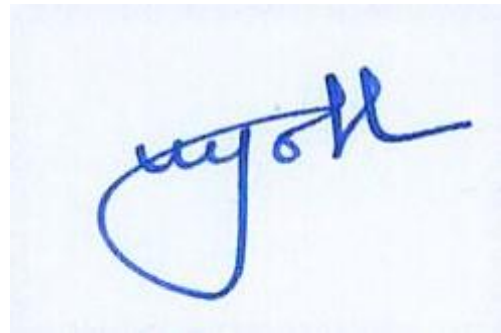
BONAFIDE CERTIFICATE

Certified that this project report titled “ MODELLING OF RECTANGULAR GROOVE TO REDUCE FAR-END CROSSTALK IN MICROSTRIP LINES COVERED WITH A DIELECTRIC LAYER ” is the bonafide work of SOWMIYA S (210616106081), PRIYADHARSHINI S (201616106054), KAYATHRI S(210616106032) who carried out the project work under my supervision.



SIGNATURE

**Dr. L.M. MERLIN LIVINGSTON,
M.E., Ph.D.,
HEAD OF DEPARTMENT
PROFESSOR
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Jeppiaar Institute of Technology**

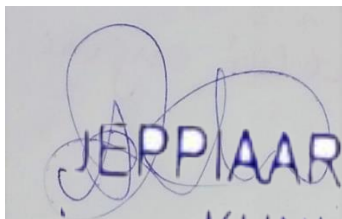


SIGNATURE

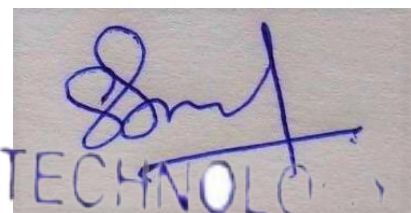
**Mr.V.YOKESH M.E.,
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Jeppiaar Institute of Technology**

Submitted for university examination held on 22/09/2020 at Jeppiaar Institute of

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**PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**



INTERNAL EXAMINER

EXTERNAL EXAMINER

SEGMENTATIONAL TRANSMISSION LINE

A PROJECT REPORT

Submitted by

ASHIK ALI L (210616106006)

ARULMOZHIVARMAN C (210616106005)

JABEZ PAUL DAVID S I (210616106028)

RANJITH V (210616106062)

in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

J. M. K.
CHENNAI

ANNA UNIVERSITY: CHENNAI 600 025

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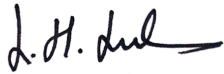
SEPTEMBER 2020

JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report **SEGMENTATIONAL TRANSMISSION LINE** is the bonafide work of **ASHIK ALI L (210616106006), ARULMOZHIVARMAN C (210616106005), JABEZ PAUL DAVID S I (210616106028) & RANJITH V (210616106062)** who carried out the project work under my supervision.



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PROFESSOR

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SIGNATURE

Mr. YOKESH, M.E.,

SUPERVISOR

ASSISTANT PROFESSOR

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Submitted for university examination held on ~~...22-09-2020...~~ at Jeppiaar Institute of Technology, Chennai 631604.



INTERNAL EXAMINER

Ms. A Parimala
Assistant Professor
Department of ECE



EXTERNAL EXAMINER

Dr.S.Arul
Professor
Department of ECE

PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

**A SELF-POWERED WEARABLE IoT SENSOR
NETWORK FOR HEALTH MONITORING BASED ON
LORA**

A PROJECT REPORT

Submitted by

VIGNESHWARAN.S (210616106093)

HARIHARAN.S (210616106019)

VIGNESH.P (210616106092)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

CHENNAI

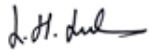
ANNA UNIVERSITY:: CHENNAI 600 025

PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report “A SELF-POWERED WEARABLE IoT SENSOR NETWORK FOR HEALTH MONITORING BASED ON LORA” is the bonafide work of VIGNESHWARAN.S (210616106093), HARIHARAN.S (210616106019), VIGNESH.P (210616106092) who carried out the project work under my supervision.



SIGNATURE

Dr.L.M.MERLIN LIVINGSTON, M.E., Ph.D.,

HEAD OF DEPARTMENT

PROFESSOR

Department of ECE
Jeppiaar Institute of Technology



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Mrs.R.RUBALA.M.E.,

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Submitted for university examination held on 22/09/2020 at Jeppiaar Institute of Technology, Chennai 631604.



INTERNAL EXAMINER



EXTERNAL EXAMINER

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

**IOT BASED UBIQUITOUS HEALTHCARE SYSTEM FOR
MILITARY APPLICATION**

A PROJECT REPORT

Submitted by

BETTY VEFELIN RAJ B (210616106008)

PRATHIPA K (210616106050)

SIVAKEERTHANA V (210616106079)

In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

SUNGUVACHATRAM.

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

**PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report titled “**IOT BASED HEALTHCARE SYSTEM**” is the bonafide work of “**BETTY VEFELIN RAJ B (210616106008), PRATHIPA K (210616106050), SIVAKEERTHANA V (210616106079)**” who carried out the project work under my supervision.

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Dr.L.M. MERLIN LIVINGSTON, M.E., Ph.D.,

HEAD OF DEPARTMENT

Professor

Department of ECE

Jeppiaar Institute of Technology

SIGNATURE

Miss. R. RUBALA, M.E

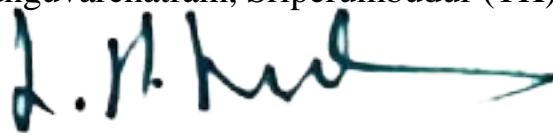
SUPERVISOR

Assistant Professor

Department of ECE

Jeppiaar Institute of Technology

Submitted for university examination held on 22nd September 2020 at Jeppiaar Institute of Technology, Sunguvarchatram, Sriperumbudur (TK), Chennai 631604.



INTERNAL EXAMINER

PRINCIPAL

EXTERNAL EXAMINER

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

IOT BASED GESTURE CONTROLLED SURVEILLANCE BOT

A PROJECT REPORT

Submitted by

AKHIL D GEORGE	(210616106002)
HEMANTH RAAJ M	(210616106025)
MOHAMED KAMEEL A.H	(210616106042)
NAVEENKUMAR M	(210616106047)

In partial fulfillment for the award of the degree

of

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in

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

CHENNAI

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report titled “IOT BASED GESTURE CONTROLLED SURVEILLANCE BOT” is the bonafide work of “AKHIL D GEORGE (210616106002), HEMANTH RAAJ M (210616106025), MOHAMED KAMEEL A.H (210616106042), NAVEENKUMAR M (210616106047) who carried out the project work under my supervision.



SIGNATURE

**Dr. L.M. MERLIN LIVINGSTON, M.E., Ph.D.,
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PROFESSOR**

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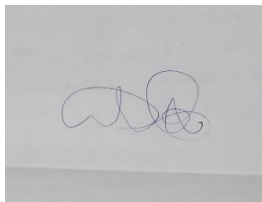
SIGNATURE

**Ms. RUBULA, M.E.,
SUPERVISOR
ASSISTANT PROFESSOR**

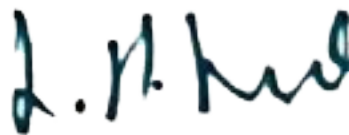
Department of ECE

Jeppiaar Institute of Technology

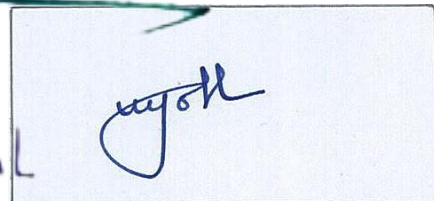
Submitted for university examination held on 22nd September 2020 at Jeppiaar Institute of Technology, Chennai 631604.



INTERNAL EXAMINER



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EXTERNAL EXAMINER

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

**DESIGN OF LOW POWER AND HIGH SPEED
RECURSIVE PARALLEL MULTIPLIER**

A PROJECT REPORT

Submitted by

ELANCHEZIAN P.K (210616106012)
HARIHARAN V (210616106020)
RAVICHANDRAN R.S (210616106082)
VASANTH KUMAR S (210616106090)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



**JEPPIAAR INSTITUTE OF TECHNOLOGY
CHENNAI**

ANNA UNIVERSITY: CHENNAI 600 025
[Signature]
SEPTEMBER 2020

**PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

BONAFIDE CERTIFICATE

Certified that this project report titled “**DESIGN OF LOW POWER AND HIGH SPEED RECURSIVE PARALLEL MULTIPLIER IN FPGA** ” is the bonafide work of **ELANCHEZIAN P K (210616106012), HARIHARAN V (210616106020), RAVICHANDRAN R S (210616106063), VASANTH KUMAR S (210616106090)** Who Carried out the project work under my supervision.

SIGNATURE

Dr.L.M.MERLIN LIVINGSTON,M.E., Ph.D.

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PROFESSOR

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Mr. M.SIVA,M.E.

SUPERVISOR

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Jeppiaar Institute of Technology

Submitted for Anna University Final Year project held on at Jeppiaar Institute of Technology, Chennai 631604.

INTERNAL EXAMINER



EXTERNAL EXAMINER

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

DESIGN OF 3X3 REVERSIBLE GATES USING COMBINATIONAL CIRCUITS

A PROJECT REPORT

Submitted by

A.VISHNUPRIYA(210616106097)

N.SUMANTHA(210616106083)

S.PRIYANKA(210616106056)

In partial fulfilment for the award of the degree

of

BACHELOR OF ENGINEERING

in

ELECTRONICS AND COMMUNICATION ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY

CHENNAI

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report titled “**DESIGN OF 3X3 REVERSIBLE GATE USING COMBINATIONAL CIRCUITS**” is the bonafide work of **N.SUMANTHA (210616106083), VISHNU PRIYA A(201616106097), S.PRIYANKA (210615106042)** who carried out the project work under my supervision.

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Mr. M.SIVA ,M.E

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ASSISTANT PROFESSOR

Department of ECE

Jeppiaar Institute of Technology

Submitted for university examination held on at Jeppiaar Institute of Technology, Chennai 631604.

INTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**



JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect



DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2019-2020 (EVEN SEMESTER)

ME6811 - PROJECT WORK DETAILS

BATCH: 2016-2020

TOTAL STRENGTH : 81

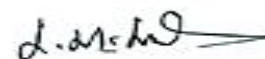
YEAR / SEM : IV / 08

NO OF BATCHES : 23

S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
1	A1	210616114013	Aswin S	Preparation and investigation on treated and untreated sugarcane fibre reinforced with glass powder
2		210616114021	Dhinesh P	
3		210616114029	Jerson Paul M	
4		210616114302	Jayamurugan V	
5	A2	210616114303	Rathees Prem R	Design and fabrication of fixture for chain link fitup in guillotine gate blade
6		210616114055	Sakthivel M	
7		210616114042	Mohamed Ibrahim T	
8		210616114082	Wasim Akram M	
9	A3	210616114037	Lourdu Antony A	Investigation of surface texture properties of laser sintered cobalt chromium alloy
10		210616114052	Rishi Karthik S	
11		210616114058	Santhosh Sivan M	
12		210616114079	Vijay S	
13	A4	210616114025	Gopinath M	Combined effect of compression ratio and EGR on combustion, performance and emission characteristics of a CRDI diesel engine fuelled with sapota methyl ester-diesel blend
14		210616114030	Jupister P	
15		210616114060	Saravanan G	
16		210616114076	Venkatesh S	
17	A5	210616114008	Anuragh Kumar Jaiswal J	Experimental investigation of double slope Solar still using three way reflectors
18		210616114035	Kumar B	
19		210616114015	Beniel	
20		210616114070	Suriya Narayanan C P	

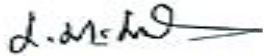
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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

21	A6	210616114009	Aravind Venkatesh K	Performance, combustion and emission Characteristics of diesel Engine fueled with papaya seed bio-diesel
22		210616114014	Arvin Sam B R	
23		210616114024	Diwakar N	
24		210616114049	Raj Kumar M	
25	A7	210616114007	Alangara Rubes S	Performance and emission analysis of IC engine using dates seed oil
26		210616114045	Palani R	
27		210616114067	Subikshon Joy R	
28		210616114073	Veera Surya T	
29	A8	210616114003	Abishek W	Combustion, permission and emission Characteristics of a diesel engine Using soybean bio-diesel
30		210616114005	Ajay Daniel J	
31		210616114047	Rajaganesh M	
32		210616114059	Sarath S	
33	A9	210616114002	Abinesh G	Design, analysis and optimization of ATV roll cage
34		210616114062	Satheesh S	
35		210616114036	Logavignesh S P	
36	A10	210616114012	Aravind Krishna K	Hot and cold refrigerator
37	A11	210616114017	Chaudhary Varun Mukeshkumar	Design and analysis of complex vertical axis wind turbine (VAWT) by using CFD analysis
38		210616114054	Sai Suriya P	
39		210616114018	Daniel Richards A	
40	A12	210616114063	Shanthosh K R	Digitalization on EMS hanger traceability
41	B1	210616114016	Bijilin Roy C	Analysis of stir cast aluminium silicon metal composite using zinc coating
42		210616114026	Gowtham T	
43		210616114051	Raxshith Jesso D	
44		210616114068	Subil S	
45	B2	210616114038	Madeshwaran S	Analysis of the mechanical properties and microstructure of Al-SiC metal matrix composite (MMC) by GTAW and GMAW welding operations
46		210616114046	Prasanth K	
47		210616114061	Saraveshwaran J	
48		210616114083	Yugandran D	

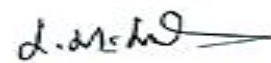


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JEPPIAAR INSTITUTE OF TECHNOLOGY
 Jeppiaar Nagar, Kunnam
 Sriperumbudur Taluk,
 Kanchipuram District - 631 604.

49	B3	210616114011	Arvind S	Fabrication and composite testing of hybrid metal matrix composite (AlTiO ₂)
50		210616114044	Niranjank Kumar M S	
52		210616114050	Rathnakumar M	
52		210616114301	Ajay Kumar S	
53	B4	210616114028	Janarthanan K	Characterization of hybrid polymer matrix composite in automobile application
54		210616114032	Karthick M	
55		210616114057	Sanjay Kumar S	
56		210616114064	Solomon Vincent Raj E	
57	B5	210616114019	Deepakraj V	Climbing wheelchair with to and fro action of steering mechanism
58		210616114033	Karthick N	
59		210616114069	Sundarapandiyan K	
60		210616114074	Vengata Krishnan R	
61	B6	210616114027	Hari Vignesh N	Effect of process parameters on mechanical properties of Co-Cr produced by DMLS
62		210616114040	Manoj Kumar K U	
63		210616114043	Muthu A	
64		210616114081	Vishvesh S	
65	B7	210616114020	Dhamodhiran R	Experimental study on combustion, performance and emission characteristics of sapota biodiesel acetylene dual-fuel in a CRDI diesel engine
66		210616114041	Meganathan R	
67		210616114048	Rajesh Kanna R	
68		210616114075	Venkadesh A	
69	B8	210616114022	Dinesh Kumar K	Design analysis of land surveying robot using arduino uno
70		210616114023	Dinesh Kumar R	
71		210616114078	Vignesh D	
72		210616114080	Vimal D	
73	B9	210616114010	Arun D	Study of rolling wear on natural rubber composite material
74		210616114053	Rupeshkumar U	
75		210616114065	Stephin M	
76		210616114066	Subash S	


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JEPPIAAR INSTITUTE OF TECHNOLOGY
 Jeppiaar Nagar, Kunnam
 Sriperumbudur Taluk,
 Kanchipuram District - 631 604.

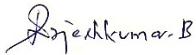
77	B10	210616114004	Ahin J	Automation in grinding process to reduce manufacturing cost
78		210616114006	Akeesh Raj R M	
79		210616114072	Udhay Sankar T V	
80		210616114077	Vibin A	
81	B11	210616114071	Tamilarasan J	Design and analysis of wind mill using vertical turbine



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JEPPIAAR INSTITUTE OF TECHNOLOGY
 Jeppiaar Nagar, Kunnam
 Sriperumbudur Taluk,
 Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND ANALYSIS OF WINDMILL USING VERTICAL TURBINE**” is the bonafide work of **TAMILARASAN J (210616114071)** who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.



SIGNATURE

Mr.S.VIGNESH, M.E.,

SUPERVISOR

Assistant Professor

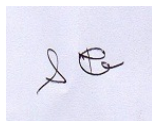
Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

Submitted for the Examination held on 22.09.2020



INTERNAL EXAMINER



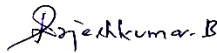
EXTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**PREPARATION AND INVESTIGATION ON TREATED AND UNTREATED SUGARCANE FIBRE REINFORCED WITH GLASS POWDER**” is the bonafide work of “**S.ASWIN (210616114013), P.DHINESH (210616114021), V.JAYA MURUGAN (210616114302), M. JERSON PAUL (210616114029)**”, who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

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Sriperumbudur. 631604.



SIGNATURE

Mr.N.MUKILARASAN M.E., (Ph.D)

SUPERVISOR

Assistant Professor

Mechanical Engineering

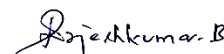
Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

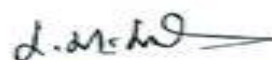
Sriperumbudur. 631604.



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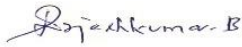
EXTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND FABRICATION OF FIXTURE FOR CHAIN LINK FITUP IN GUILLOTINE GATE BLADE**” is the bonafide work of “**SAKTHIVEL M, WASIM AKRAM M, MOHAMED IBRAHIM T, RATHEES PREM R**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.Rajeshkumar M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

Mrs.I.Sharon Marishka M.E., (Ph.D)

SUPERVISOR

Associate Professor

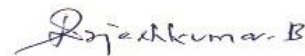
Mechanical Engineering

Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 22.09.2020



INTERNAL EXAMINER



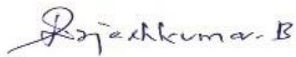
EXTERNAL EXAMINER



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Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**Investigation of Surface Texture Properties of Laser Sintered Cobalt Chromium Alloy**” is the bonafide work of “**LOURDU ANTONY A, RISHI KARTHIK S, SANTHOSH SIVAN M, VIJAY S**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.Rajeshkumar, M.E., Ph.D

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SIGNATURE

Mr.D.Christopher Selvam, M.E.

SUPERVISOR

Assistant Professor

Mechanical Engineering

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Sriperumbudur. 631604.

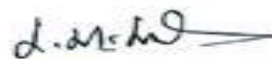
Submitted for the Examination held on 22.09.2020



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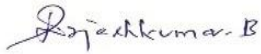
EXTERNAL EXAMINER



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “COMBINED EFFECT OF COMPRESSION RATIO AND EGR ON COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF A CRDI DIESEL ENGINE FUELLED WITH SAPOTA METHYL ESTER-DIESEL BLEND” is the bonafide work of “M.GOPINATH (210616114025), P.JUISTER (210616114030), G.SARAVANAN (210616114060) and S.VENKATESH (210616114076)” who carried out the project work under my supervision.



SIGNATURE

Dr.B.Rajeshkumar M.E., Ph.D
HEAD OF THE DEPARTMENT

Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur, Chennai-631 604.



SIGNATURE

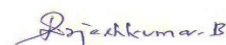
Mr. J. Ravikumar M.E., (Ph.D)
SUPERVISOR

ASSISTANT PROFESSOR
Mechanical Engineering,
Jeppiaar Institute of Technology
Sriperumbudur, Chennai-631 604.

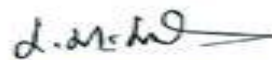
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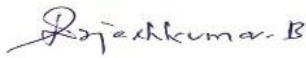
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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
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Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**PERFORMANCE, COMBUSTION AND EMISSION CHARACTERISTICS OF DIESEL ENGINE FUELED WITH PAPAYA SEED BIO-DIESEL**” is the bonafide work of “**ARAVIND VENKATESH K (210616114009), ARVIN SAM B R (2106114014), DIWAKAR N (210616114024), RAJ KUMAR M (210616114049)**” who carried out the project work under my supervision.

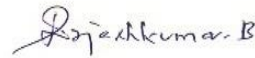


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Dr.B.RAJESHKUMAR, M.E., Ph.D.

HEAD OF THE DEPARTMENT

Department of Mechanical Engineering,
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Sriperumbudur, Chennai - 631604.



SIGNATURE

Dr.B. RAJESH KUMAR B, Ph.D.

SUPERVISOR,

Professor

Department of Mechanical Engineering
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

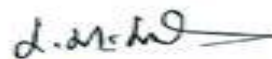
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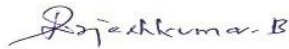
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Jeppiaar Nagar, Kunnam
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Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**EXPERIMENTAL INVESTIGATION OF DOUBLE SLOPE SOLAR STILL USING THREE WAY REFLECTOR**” is the bonafide work of “ANURAGH KUMAR JAISWAL J (210616114008), BENIEL C (210616114015), KUMAR B (210616114032), SURIYA NARAYANAN C P (210616114070)” who carried out the project work under my supervision.

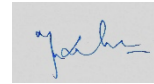


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Dr.RAJESHKUMAR B, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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Mr.N.MUKILARASAN, M.E., (Ph.D)

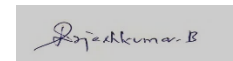
SUPERVISOR

Mechanical Engineering
Jeppiaar Institute of Technology,
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Sriperumbudur. 631604.

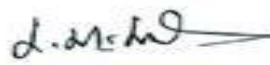
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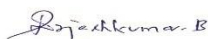
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Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**PERFORMANCE AND EMISSION ANALYSIS OF IC ENGINE USING DATES SEED OIL**” is the bonafide work of “ALANGARA RUBES (210616114007), PALANI R (21016114045), SUBIKSHON JOY R (210616114067), VEERA SURYA T (210616114073)” who carried out the project work under my supervision.

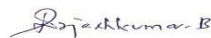


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Dr. RAJESHKUMAR B, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering
Jeppiaar Institute of Technology,
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Dr. RAJESH KUMAR B, M.E., Ph.D

SUPERVISOR

Mechanical Engineering
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

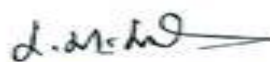
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Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**Design, Analysis and Optimization of ATV Roll cage**” is the bonafide work of **SATHEESH S (210616114062)**, **ABINESH G (210616114002)**, **LOGA VIGNESH S P (201616114036)** who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

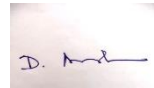
HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology

Sunguvarchatram, Sriperambadur,

Chennai – 631604 .



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Mr.D.Arun kumar, M.E., (Ph.D)

SUPERVISOR

Mechanical Engineering

Jeppiaar Institute of Technology

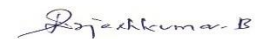
Sunguvarchatram, Sriperambadur,

Chennai – 631604 .


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Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “HOT AND COLD REFRIGERATOR” is the bonafide work of **ARAVIND KRISHNA K (210616114012)** who carried out the project work under my supervision.



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Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

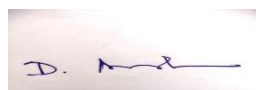
Mechanical Engineering

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SIGNATURE

Mr.D.ARUNKUMAR M.E.,(Ph.D)

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ASSISTANT PROFESSOR

Mechanical Engineering

Jeppiaar Institute of Technology,

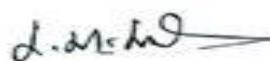
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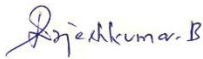
EXTERNAL EXAMINER



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Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**DESIGN AND ANALYSIS OF COMPLEX VERTICAL AXIS WIND TURBINE (VAWT) BY USING CFD ANALYSIS**” is the Bonafide work of “**CHAUDHARY VARUN M (210616114017) , DANIEL RICHARDS A (210616114018) and P SAI SURYA (210616114054)**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

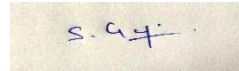
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Mr.S.GEJENDHIRAN M.E.,(Ph.D)

SUPERVISOR

ASSISTANT PROFESSOR

Mechanical Engineering

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Sriperumbudur. 631604.



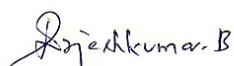
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Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**DIGITALIZATION ON EMS HANGER TRACEABILITY**” is the bonafide work of “**SHANTHOSH K R**” who carried out the project work under my direct supervision in “**HYUNDAI MOTORS INDIA LIMITED**”.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.



SIGNATURE

Mr.D.ARUNKUMAR M.E.,(Ph.D)

SUPERVISOR

ASSISTANT PROFESSOR

Mechanical Engineering

Jeppiaar Institute of Technology,

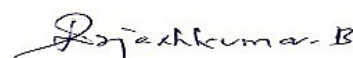
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Sriperumbudur. 631604.

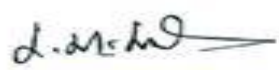
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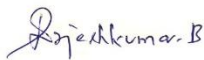
EXTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “Analysis of the Mechanical properties and microstructure of Al-SiC Metal Matrix Composite (MMC) by GTAW and GMAW welding operations” is the bonafide work of “S.MADESHWARAN, D.YUGANDRAN, K.PRASANTH & J.SARVESHWARAN” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

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SIGNATURE

Mr.D.CHRISTOPHER SELVAM M.E.

SUPERVISOR

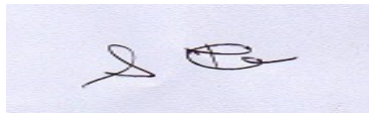
ASSISTANT PROFESSOR

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

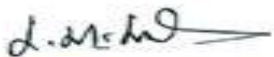
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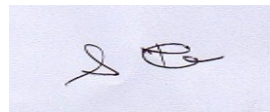
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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**FABRICATION AND COMPOSITE TESTING OF HYBRID METAL MATRIX COMPOSITE (AlTiO₂)**” is the bonafide work of “**M.S. Niranjank kumar, S. Ajay kumar, M. Rathana kumar, S. Aravind**” who carried out the project work under my supervision.



SIGNATURE

SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

Mr. S. Kannan, M.E., (Ph.D),,

HEAD OF THE DEPARTMENT

SUPERVISOR

Assistant Professor

Mechanical Engineering

Mechanical Engineering

Jeppiaar Institute of Technology,

Jeppiaar Institute of Technology, Kunnam,

Kunnam, Sunguvarchatram,

Sunguvarchatram, Sriperumbudur.

Sriperumbudur. 631604.

631604.

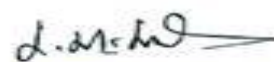
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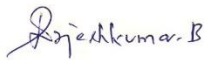
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JEPPIAAR INSTITUTE OF TECHNOLOGY
Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**CHARACTERIZATION OF HYBRID POLYMER MATRIX COMPOSITE IN AUTOMOBILE APPLICATIONS**” is the bonafide work of “**KARTHICK M, SOLOMON VINCENT RAJ E, JANARTHANAN K, SANJAY KUMAR S**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

HEAD OF THE

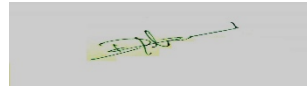
DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur - 631604.



SIGNATURE

Mr.D.Christoper selvam, M.E

SUPERVISOR

Assistant Professor

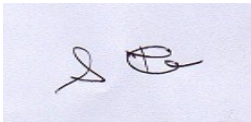
Mechanical Engineering

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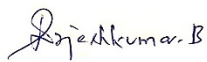
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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**CLIMBING WHEELCHAIR WITH TO AND FRO ACTION OF STEERING MECHANISM**” is the bonafide work of “**DEEPAKRAJ.V, KARTHICK.N, SUNDARA PANDIYAN. K, VENGATA KRISHNAN .R**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

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Mechanical Engineering

Jeppiaar Institute of Technology,

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Sriperumbudur. 631604.



SIGNATURE

Mr.D.Christopher Selvam, M.E.,

SUPERVISOR

Assistant Professor

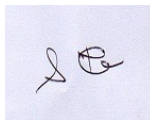
Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,

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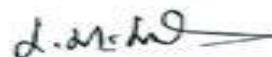
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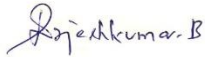
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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “EFFECT OF PROCESS PARAMETER ON MECHANICAL PROPERTIES OF Co-Cr PRODUCED BY DMLS” is the bonafide work of “HARIVIGNESH N, MANOJ KUMAR K U, MUTHU A, VISHVESH S” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D

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Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

Mr.S.Arun, M.E., (Ph.D)

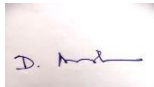
SUPERVISOR

Assistant Professor

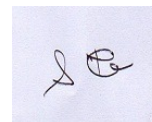
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Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur.
631604.

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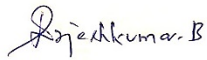
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Jeppiaar Nagar, Kunnam
Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

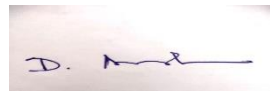
Certified that this project report “**EXPERIMENTAL STUDY ON COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF SAPOTA BIODIESEL/ACETYLENE DUAL-FUEL IN A CRDI DIESEL ENGINE**” is the bonafide work of “**R.DHAMODHIRAN (210616114020), R.MEGANATHAN (210616114041), R.RAJESHKANNA (210616114048) and A.VENKADESH (210616114075)**” who carried out the project work under my supervision.



SIGNATURE

Dr.B.RAJESHKUMAR, M.E., Ph.D
HEAD OF THE DEPARTMENT

Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur,
Chennai-631 604

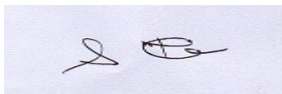


SIGNATURE

Mr. ARUNKUMAR D ,M.E
SUPERVISOR
ASSISTANT PROFESSOR

Mechanical Engineering,
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Sriperumbudur
Chennai-631 604

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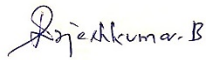
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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report "**DESIGN ANALYSIS OF LANDSURVEYING ROBOT USING ARDUINO UNO**" is the bonafide work of **VIMAL D, VIGNESH D, DINESHKUMAR R, DINESHKUMAR K** who carried out the project work under my supervision.

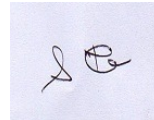


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Dr.B.RAJESHKUMAR, M.E., Ph.D

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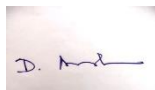
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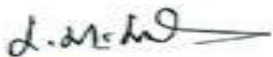
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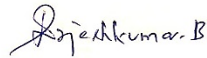
EXTERNAL EXAMINER



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Sriperumbudur Taluk,
Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “STUDY OF ROLLING WEAR ON NATURAL RUBBER COMPOSITE MATERIALS” is the bonafide work of “ARUN D (210616114010), RUPESHKUMAR U (210616114053), STEPHIN M (210616114065), SUBASH S (210616114066)” who carried out the project work under my supervision.



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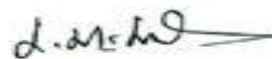
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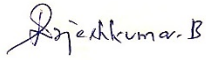
EXTERNAL EXAMINER



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BONAFIDE CERTIFICATE

Certified that this project report “AUTOMATION IN GRINDING PROCESS TO REDUCE MANUFACTURING COST is the bonafide work of “AKEESHRAJ M (210616114004), VIBIN A (210616114077), UDHAYSANKAR T V(210616114072), AHIN J (210616114006) who carried out the project work under my supervision.



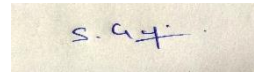
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Mr.S.GEJENDHIRAN, M.E.,

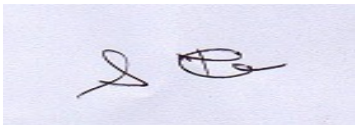
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Submitted for the Examination held on 22.09.2020



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BONAFIDE CERTIFICATE

Certified that this project report “ANALYSIS OF STIR CAST ALUMINIUM SILICON METAL COMPOSITE USING ZINC COATING” is the bonafide work of “BIJILIN ROY C (210616114016), GOWTHAM T (21016114026), RAXSHITH JESSO D (210616114051), SUBIL S (210616114049)” who carried out the project work under my supervision.



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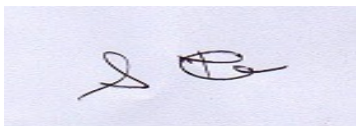
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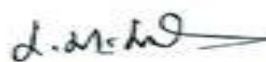
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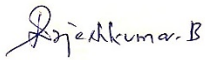
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Kanchipuram District - 631 604.

BONAFIDE CERTIFICATE

Certified that this project report “**COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF A DIESEL ENGINE USING BIO-DIESEL**” is the bonafide work of “Abishek W (210616114003), Ajay Daniel J (210616114005), Raja Ganesh M (210616114047), Sarath S (210616114059)” who carried out the project work under my supervision.

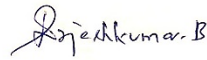


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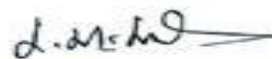
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JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect



DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2019-2020 (EVEN SEMESTER)

IT6811 - PROJECT WORK DETAILS

BATCH: 2016-2020
YEAR / SEM: IV / 08

TOTAL STRENGTH : 52
NO OF BATCHES : 20

S NO	BATCH NO.	REGISTRATION NO. OF THE STUDENT	NAME OF THE STUDENT	TITLE OF THE PROJECT WORK
1	1	210616205001	K.ABIRAMI	DISTRIBUTED DIGITAL LEDGER WITH ASCERTAINABLE PRIVACY USING MACHINE LEARNING
2		210616205027	R.MAHALAKSHMI	
3	2	210616205032	T.NANDINIDEVI	DETECTION OF TRUTH IN SOCIAL MEDIA USING POLYMERIZATION SENTIMENTAL MODEL
4		210616205015	S.HARINI	
5	3	210616205012	ESAIKANI L	DEEP LEARNING BASED AI SYSTEM WITH FACE DETECTION AND RECOGNITION SYSTEM FOR ONLINE ATTENDANCE AND EMAIL ALERT SYSTEM
6		210616205017	ILLAIKIYA G	
7		210616205019	JYOTHILAKSHMI K	
8	4	210616205031	K.MONISHA	REDUCING THE INTENSITY OF LIGHT IN SMART STREET LIGHTNING SYSTEM USING IOT
9		210616205042	P.ROHINIPRIYA	
10		210616205026	M.J MAHALAKSHMI	
11	5	210616205021	KAMALI B	SMARTCANE FOR VISUALLY IMPAIRED USING IOT
12		210616205040	RAGAVI R	
13		210616205039	RACHEL J	
14	6	210616205030	MOHAMMED RIYAS M	VOICE BASED MAIL SYSTEM FOR BLIND
15		210616205045	SRIBALAJI N	
16		210616205047	SUBASH CHENDUR VELU	
17	7	210616205044	SNEHA G	CAT SWARM OPTIMIZED TECHNIQUE FOR FAULT CLASSIFICATION IN WEBAPPS USING UNSUPERVISED LEARNING
18		210616205049	SUSHMETHA N K	
19		210616205038	PRIYANKA P	
20	8	210616205008	BENVENUTO S P	EFFICIENT METHOD OF PREDICTING PHISING WEBSITES
21		210616205036	PAVITHRA V	



d.n.h.
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SRIPERUMBUDUR - 631604.

JIT/COMMON/FORM-27

22		210616205034	NIVETHINI S	USING MACHINE LEARNING ALGORITHMS
23	9	210616205033	NARESHKUMAR M	DIGITAL DOCUMENT MATCHING WITH STREAMING IMAGE
24		210616205048	SUGUMAR R	
25		210616205037	PREMKUMAR T S	
26	10	210616205043	SATHISHKUMAR K	CLOUD FAULT MANAGEMENT ALGORITHM TO AVOID FLYOVER IN SESSION USING CLOUDIET RECOVERY SCHEDULING
27		210616205006	ARULPRAKASH	
28		210616205051	THILAK THEJESH	
29	11	210616205010	BOOPATHY S	ENHANCING AND EVALUATING THE PRIVACY OF THE USER IN BIT COIN TRANSACTION
30		210616205020	KALAIYARASAN K	
31		210616205018	JAIKANTH S	
32	12	210616205022	KARTHIKEYAN	A DEEP LEARNING FRAMEWORK FOR LENGTH INDEPENDENT WRITER IDENTIFICATION BY USING FASTER- RCNN
33	13	210616205023	KAUSHIK DAYABAR B	PREDICTION OF TIN PRICE IN LONDON METAL EXCHANGE USING ARIMAX
34		210616205004	ANRUDH K S M	
35		210616205024	KESAVAN S	
36	14	210616205002	ALLWIN PRATAP .A	SMART RESTAURANT MANAGEMENT WITH HOLOGRAM USING INTERNET OF THINGS
37		210616205055	YUVARAJM	
38	15	210616205005	ANUJA S V	PREDICTION OF RAINFALL INDUCED LANDSLIDE MOVEMENTS AND ITS STABILITY USING NEURAL NETWORKS
39		210616205025	MAGIZHINI R	
40	16	210616205050	SWATHIPRIYA M	ENHANCING AND EVALUATING THE PRIVACY OF THE USER IN BIT COIN TRANSACTION
41		210616205054	VISALI A S	
42		210616205009	BHAVADHARANI P	
43	17	210616205003	ANANDA RAJ M	VENATOR[COMPROMISE ASSESSMENT TOOL]
44		210616205046	STEPHEN JOHN S	
45		210616205052	VIGNESH R	
46	18	210616205035	PAVITHRA R	SIMPLIFIED DUELING SYSTEM WITH SMART MOBILE APPLICATION FOR FASTER CHECKOUTS
47		210616205016	HEMALATHA P	
48		210616205013	GOGULA M	
49	19	210616205029	MOHAMMED YASIN S K	UNBALANCED CLASSIFICATION OF DATA FOR GAN'S FOR THE PREDICTION OF CREDIT CARD FRAUDULENT TRANSACTIONS
50		210616205028	MANIKANDAPRABU B	
51	20	210616205053	VIGNESH V	PREDICTIVE FINANCIAL PIPELINE DASHBOARD USING MACHINE LEARNING
52	21	210616205014	GOPINATH.N	PURSING SYSTEMATICAL PRESCRIPT IN STASH



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JIT/COMMON/FORM-27

**DISTRIBUTED DIGITAL LEDGER WITH
ASCERTAINABLE PRIVACY USING MACHINE
LEARNING**

A PROJECT REPORT

Submitted by

ABIRAMI.K (210616205001)

MAHALAKSHMI.R (210616205027)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY: CHENNAI 600 025

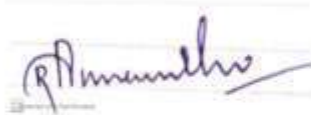
SEPTEMBER 2020

**PRINCIPAL
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KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604**

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DISTRIBUTED DIGITAL LEDGER WITH ASCERTAINABLE PRIVACY USING MACHINE LEARNING" is the bonafide work of "ABIRAMLK (210616205001), MAHALAKSHMLR(210616205027)" who carried out the project work under my Supervision.



SIGNATURE

Mr.R.ANNAMALAI B.E.,M.Tech.,(Ph.D).

HEAD OF THE DEPARTMENT

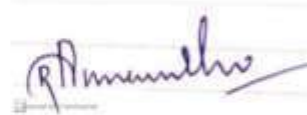
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This project report is submitted for viva voce examination to be held on
22/09/2020

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REG. NUMBERS

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| 2. MAHALAKSHMLR | (210616205027) |



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PRINCIPAL
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**DETECTION OF TRUTH IN SOCIAL MEDIA USING
POLYMERIZATION SENTIMENTAL MODEL**

A PROJECT REPORT

Submitted by

NANDINI DEVI T (210616205032)

HARINI S (210616205015)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

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ANNA UNIVERSITY : CHENNAI 600 025


SEPTEMBER 2020

**PRINCIPAL
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SRIPERUMBUDUR - 631604**

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DETECTION OF TRUTH IN SOCIAL MEDIA USING POLYMERIZATION SENTIMENTAL MODEL" is the bonafide work of "NANDINI DEVI T (210616205032), HARINI S (210616205015)" who carried out the project work under my Supervision.



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SRIPERUMBUDUR - 631604

**DEEP LEARNING BASED AI SYSTEM WITH FACE
DETECTION AND RECOGNITION SYSTEM FOR
ONLINE ATTENDANCE AND EMAIL ALERT
SYSTEM**

A PROJECT REPORT

Submitted by

ESAIKANI L (210616205012)

JYOTHI LAKSHMI K (210616205019)

ILLAKIYA G (210616205017)

in partial fulfillment for the award of the degree

of

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JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

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SEPTEMBER 2020

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BONAFIDE CERTIFICATE

Certified that this project report "DEEP LEARNING BASED AI SYSTEM WITH FACE DETECTION AND RECOGNITION SYSTEM FOR ONLINE ATTENDANCE AND EMAIL ALERT SYSTEM" is the bonafide work for "ESAIKANI L (210616205012), JYOTHI LAKSHMI.K(210616205019), ILLAKIYA G(210616205017)" who carried out the project work under my Supervision.



SIGNATURE

Ms. DAYA MARY MATHEW B.E.,M.E.(Phd)

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| 2. JYOTHI LAKSHMLK | (210616205019) |
| 3. ILLAKIYA G | (210616205017) |



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**REDUCING THE INTENSITY OF LIGHT IN SMART
STREET LIGHTING SYSTEM USING INTERNET OF
THINGS (IOT)**

A PROJECT REPORT

Submitted by

MONISHA.K (210616205031)

ROHINI PRIYA.P (210616205042)

MAHALAKSHMI.M.J (210616205026)

in partial fulfillment for the award of the degree

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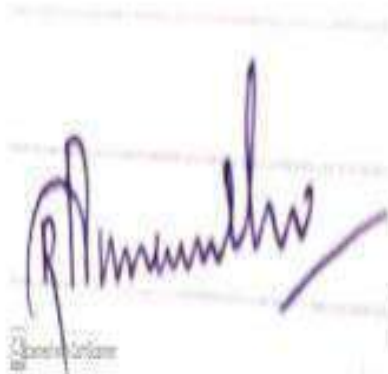
SEPTEMBER 2020

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BONAFIDE CERTIFICATE

Certified that this project report "REDUCING THE INTENSITY OF LIGHT IN SMART STREET LIGHTNING SYSTEM USING INTERNET OF THINGS (IOT)" is the bonafide work of "MONISHA.K (210616205031), ROHINI PRIYA.P (210616205042), MAHALAKSHMI.M.J (210616205026)" who carried out the project work under my Supervision.



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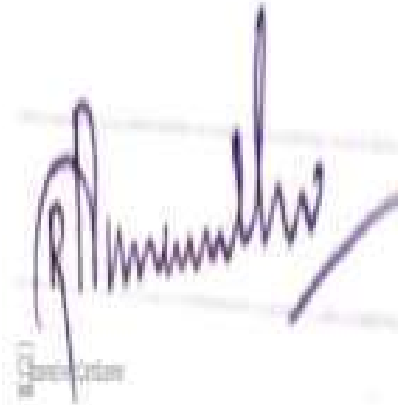
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22/09/2020

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2. ROHINI PRIYA.P	(210616205042)
3. MAHALAKSHMLMJ	(210616205026)



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JEPPIAAR INSTITUTE OF TECHNOLOGY
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SMART CANE FOR VISUALLY IMPAIRED USING IOT

A PROJECT REPORT

Submitted by

KAMALI B (210616205021)

RACHEL J (210616205039)

RAGAVI R (210616205040)

in partial fulfillment for the award of the degree

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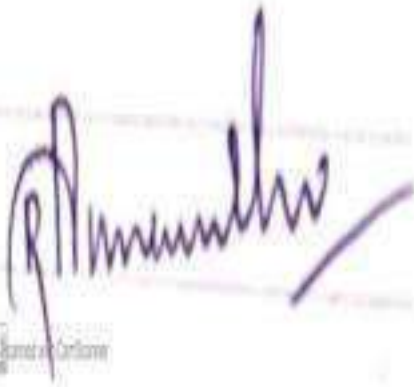
SEPTEMBER 2020

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BONAFIDE CERTIFICATE

Certified that this project report "SMART CANE FOR VISUALLY IMPAIRED USING IOT" is the bonafide work of "KAMALI B (210616205021), RACHEL J (210616205039), RAGAVI R (210616205040)" who carried out the project work under my Supervision.



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REG. NUMBER

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210616205021

2. RACHEL J

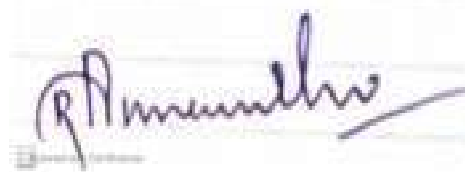
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3. RAGAVI R

210616205040



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SRIPERUMBUDUR, CHENNAI - 631604



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
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VOICE BASED MAIL SYSTEM FOR BLIND

A PROJECT REPORT

Submitted by

MOHAMMED RIYAS M (210616205030)

SRIBALAJI N (210616205045)

SUBASH CHENDUR VELU G (210616205047)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

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SEPTEMBER 2020

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Certified that this project report “VOICE BASED MAIL SYSTEM FOR BLIND” is the bonafide work of “MOHAMMED RIYAS M (210616205030), SRIBALAJI N (210616205045), SUBASH CHENDUR VELU G (210616205047)” who carried out the project work under my Supervision.



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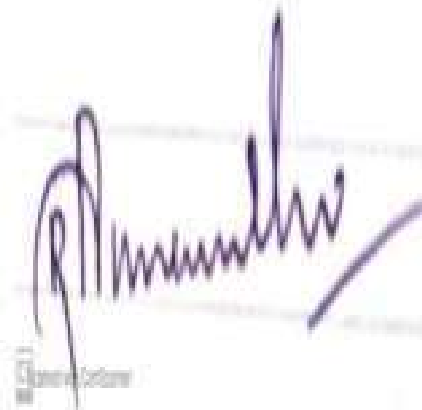
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**A CAT SWARM OPTIMIZATION FOR FAULT CLASSIFICATION
IN WEB-APPS USING MACHINE LEARNING**

A PROJECT REPORT

Submitted by

SNEHA.G (210616205044)

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Certified that this project report "A cat swarm optimization for fault classification in web apps using machine learning " is the bonafide work of "SNEHA.G (210616205044)", "SUSHMETHA.N.K (210616205049)", "PRIYANKA.P(210616205038)" who carried out the project work under my Supervision.



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**AN EFFICIENT METHOD OF PREDICTING
PHISHING WEBSITE USING MACHINE
LEARNING ALGORITHM**

A PROJECT REPORT

Submitted by

BENVENUTO.S.P (210616205008)

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PAVITHRA.V (210616205036)

In partial fulfillment for the award of the

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SEPTEMBER 2020

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Certified that this project report "AN EFFICIENT METHOD OF PREDICTING PHISHING WEBSITES USING MACHINE LEARNING ALGORITHM" is the Bonafide work of **BENVENUTO.S.P (210616205008), NIVETHINLS (210616205034), PAVITHRA.V (210616205036)**" who carried out the project work under my Supervision.



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**PRINCIPAL
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**DIGITAL DOCUMENT MATCHING WITH
STREAMING IMAGE**

A PROJECT REPORT

Submitted by

PREMKUMAR TS	210616205037
NARESH KUMAR M	211616205033
SUGUMAR R	211616205048

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BONAFIDE CERTIFICATE

Certified that this project report "DIGITAL DOCUMENT MATCHING WITH STREAMING IMAGE" is the bonafide work of SUGUMAR R (210616205048), PREMKUMAR TS (210616205037) and NARESHKUMAR M (210616205033) who carried out the project work under my supervision



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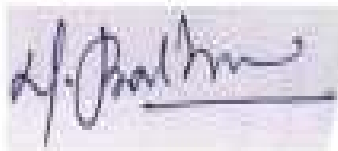


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SRIPERUMBUDUR - 631604

**CLOUD FAULT MANAGEMENT ALGORITHM TO AVOID
FLYOVER IN SESSION USING CLOUDLET RECOVERY
SCHEDULING**

A PROJECT REPORT

Submitted by

ARUL PRAKASH .S (210616205006)
SATHISH KUMAR.K. (210616205043)
THILAK THEJESH.R (210616205051)

in partial fulfillment for the award of the degree

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September 2020

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Certified that this project report "Cloud Fault Management Algorithm to avoid flyover in session using Cloudlet Recovery Scheduling" is the bonafide work of ARUL PRAKASH .S (210616205006), SATHISH KUNAR.K. (210616205043) , THILAK THEJESH.R (210616205051) who carried out the project work under my Supervision.



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**ENHANCING AND EVALUATING THE PRIVACY OF
THE USER IN BITCOIN TRANSACTION**

A PROJECT REPORT

Submitted by

KALAIYARASAN.K (210616205020)

BOOPATHY.S (210616205010)

JAIKANTH.S (210616205018)

in partial fulfillment for the award of the degree of

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in

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A handwritten signature in blue ink, appearing to read 'J. N. Sub', with a long horizontal stroke extending to the right.

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September 2020

BONAFIDE CERTIFICATE

Certified that this project report "ENHANCING AND EVALUATING THE PRIVACY OF THE USER IN BITCOIN TRANSACTION" is the bonafide work of "KALAIYARASAN.K(210616205020), BOOPATHY.S(210616205010),JAIKANTH.S(210616205018)" who carried out the project work under my supervision.



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**A DEEP LEARNING FRAMEWORK FOR LENGTH
INDEPENDENT WRITER IDENTIFICATION BY USING
FASTER-RCNN**

Submitted by

Student Name

Karthikeyan B

Register no.

210616205022

in partial fulfillment for the award of the degree

of

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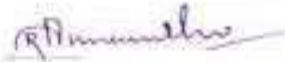
September 2020

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SRIPERUMBUDUR - 631604**

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BONAFIDE CERTIFICATE

Certified that this project report "A DEEP LEARNING FRAMEWORK FOR LENGTH INDEPENDENT WRITER IDENTIFICATION BY USING FASTER-RCNN " is the bonafide work of Karthikeyan B (210616205022) who carried out the project work under my Supervision.



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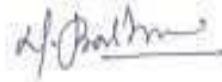
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**PREDICTION OF TIN PRICE IN LONDON METAL EXCHANGE USING
ARIMAX**

A PROJECT REPORT

submitted by

B.KAUSHIK DAYABAR (210616205023)

ANRUDH K.S.M (210616205004)

KESAVAN S (210616205024)

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SEPTEMBER 2020

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Certified that this project report "**PREDICTING LONDON METAL EXCHANGE TIN PRICE USING ARIMAX**" is the bonafide work of "**KAUSHIK DAYABAR B (210616205023), ANRUDH KSM(210616205004) AND KESAVAN S(210616205024)**" who carried out the project work under my supervision.



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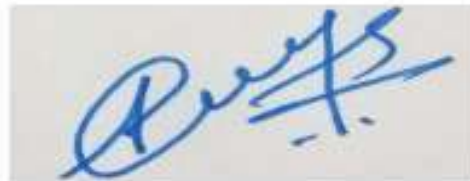
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SEPTEMBER 2020



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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**Smart Restaurant Management With Hologram Using
Internet Of Things**

A PROJECT REPORT

Submitted by

ALLWIN PRATAP.A (210616205002)

YUVARAJ.M (210616205055)

in partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

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J. N. Kumar
SEPTEMBER 2020

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Certified that this project report "Smart Restaurant Management With Hologram Using Internet Of Things" is the bonafide work of "ALLWIN PRATAP.A (210615205002), YUVARAJ.M (210615205055)" who carried out the project work under my Supervision.



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**PREDICTION OF RAINFALL INDUCED LANDSLIDE
SUSCEPTIBILITY ANALYSIS USING NEURAL
NETWORKS.**

A PROJECT REPORT

Submitted by

ANUJA SV (210616205005)

MAGIZHINI R (210616205025)

in partial fulfillment for the award of the degree

of

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Certified that this project report "Prediction of rainfall induced landslide susceptibility analysis using Neural Networks" is the bonafide work of "ANUJA SV (210616205005), MAGIZHINI R (210615205025)" who carried out the project work under my Supervision.



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This project report is submitted for viva voice examination to be held on
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2. MAGIZHINI R	(210616205025)



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**DETECTION OF FAKE PROFILE IN ONLINE SOCIAL
NETWORKS BASED ON DATA MINING TECHNIQUES
USING MACHINE LEARNING**

A PROJECT REPORT

Submitted by

SWATHIPRIYA M (210616205050)

VISALI A S (210616205054)

BHAVADHARANI P (210616205009)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY: CHENNAI 600 025

SEPTEMBER 2020

**PRINCIPAL
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BONAFIDE CERTIFICATE

Certified that this project report "DETECTION OF FAKE PROFILE IN ONLINE SOCIAL NETWORKS BASED ON DATA MINING TECHNIQUES USING MACHINE LEARNING" is the bonafide work of "SWATHIPRIYA M (210616205050), VISALI A S (210616205054), BHAVADHARANI P (210616205009)" who carried out the project work under my Supervision.



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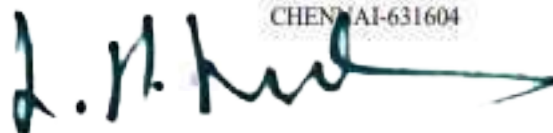
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**VENATOR
[COMPROMISE ASSESSMENT TOOL]**

A PROJECT REPORT

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BONAFIDE CERTIFICATE

Certified that this project report "VENATOR" is the bonafide work of
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Simplified Fueling System with Smart Mobile Application for faster checkouts

A PROJECT REPORT

Submitted by

P.Hemalatha (210616205016)

R.Pavithra (210616205035)

M.Gogula (210616205013)

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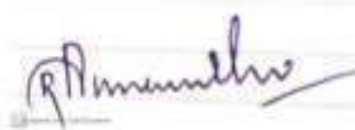
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BONAFIDE CERTIFICATE

Certified that this project report "**Simplified Fueling System with Smart Mobile Application for faster checkouts**" is the bonafide work of "**P.Hemalatha (210616205016), R.Pavithra(210616205035), M.Gogula(210616205013)**" who carried out the project work under my Supervision.



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**GENERATIVE ADVERSARIAL NETWORKS (GAN's) FOR FRAUD
DETECTION ON CREDIT CARD TRANSACTIONS**

A PROJECT REPORT

Submitted by

MANIKANDA PRABHU B (210616205028)

MOHAMED YASIN S K (210616205029)

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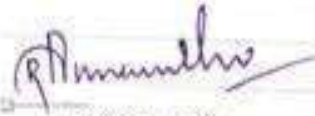
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September 2020

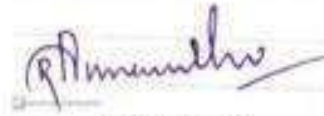
BONAFIDE CERTIFICATE

Certified that this project report “ **GENERATIVE ADVERSARIAL NETWORKS (GAN’S) FOR FRAUD DETECTION ON CREDIT CARD TRANSACTIONS**” is the bonafide work of **MANIKANDA PRABHU B (210616205028) MOHAMED YASIN S K (210616205029)**” who carried out the project work under my supervision.



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**PREDICTIVE FINANCIAL PIPELINE DASHBOARD USING
MACHINE LEARNING**

A PROJECT REPORT

Submitted by

VIGNESH V (210616205053)

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BONAFIDE CERTIFICATE

Certified that this project report "**PREDICTIVE FINANCIAL PIPELINE DASHBOARD USING MACHINE LEARNING**" is the bonafide work of "**VIGNESH.V(210616205053)**" who carried out the project work under my Supervision.



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PURSUING SYSTEMATICAL PRESCRIPT IN STASH

A PROJECT REPORT

Submitted by

GOPINATH. N (210616205014)

in partial fulfillment for the award of the degree

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in

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**JEPPIAAR INSTITUTE OF TECHNOLOGY,
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ANNA UNIVERSITY : CHENNAI 600 025

SEPTEMBER 2020

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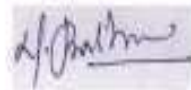
BONAFIDE CERTIFICATE

Certified that this project report "PURSUING SYSTEMATICAL PRESCRIPT IN STASH" is the bonafide work of "GOPINATH.N (210616205014)" who carried out the project work under my Supervision.



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JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect



DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2018-2019 (EVEN SEMESTER)

CS6811 - PROJECT WORK DETAILS

BATCH: 2015-2019

TOTAL STRENGTH : 29

YEAR / SEM : IV / 08

NO OF BATCHES : 12

S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
1	15CSE001	210615104020	NISHANTHINI M	ONLINE AUCTION MECHANISM USED IN MOBILE CLOUD COMPUTING
2		210615104005	BANU S	
3	15CSE002	210615104024	REVATHI A	SECURED CLOUD STORAGE OF AUDITING FILES USING QR CODE
4		210615104003	ASHWINI S	
5		210615104009	GIFTLIN NEFA S	
6	15CSE003	210615104023	REKHA S	GARBAGE MONITORING AND MANAGEMENT IN IOT USING ROBOTS
7		210615104028	SWETHA M	
8		210615104029	SWETHA P	
9	15CSE004	210615106025	SONALI B	SMART ASSISTANT FOR BLIND PEOPLE USING RASPBERRY PI
10		210615106012	LISHA A	
11	15CSE005	210615104013	KARTHIKA G	DETECTION OF FUNDUS- RETINOPATHY USING MACHINE LEARNING
12		210615104011	HARIPRIYA K	
13	15CSE006	210615104019	MURUGAN N	CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING
14		210615104021	RAGUL M	
15		210615104006	BHARATHI K	
16	15CSE007	210615104007	CHINTHAKUNTA VENKATA PAVAN SASHANK S	AUTOMATED AND SECURE MONITORING SYSTEM FOR SMART HOME USING IOT
17		210615104014	KOLGAIPRIYAN K T	
18		210615104017	MADHAN KUMAR V T	
19	15CSE008	210615104025	ROGAN R	DETECTING FAKE URL USING MACHINE LEARNING TECHNIQUES
20		210615104012	JAIPRASANNNA D	
21	15CSE009	210615104002	ARUN VICTOR V	CRIME ANALYSIS AND PREDICTION
22		210615104018	MANIVANNA PRABU B	
23	15CSE010	210615104022	RANJITHR S	PREDICTION OF CROP YIELDING USING MACHINE LEARNING
24		210615104010	GOGULA KRISHNAN N	
25		210615104001	ALOK MISHRA	

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S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
26	15CSE011	210615104015	KUMARAN K	LOCATION BASED EARLY DISASTER WARNING AND EVACUATION SYSTEM ON MOBILE PHONE USING OPEN STREET MAP
27		210615104027	SUBASH CHANDRA BOSE V	
28		210615104004	ASHWIN KUMAR A R	
29	15CSE012	210615104008	ELAMATHI KAMALI T	FACE DETECTION USING MACHINE LEARNING ALGORITHM

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d.n.h

BONAFIDE CERTIFICATE

Certified that this project report “**ONLINE AUCTION MECHANISM USED IN MOBILE CLOUD COMPUTING**” is the bonafide work of **NISHANTHINI M(210615104020),BANU S(210615104005)** who carried out the project work under my supervision.



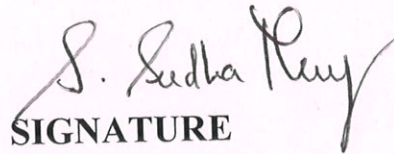
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Submitted for the Examination held on 26.03.2019



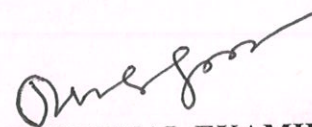
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BONAFIDE CERTIFICATE

Certified that this project report “SECURED CLOUD STORAGE OF AUDITING FILES USING QR CODE” is the bonafide work of REVATHI A(210615104024),ASHWINIS(210615104003),GIFTLINNEFA(210615104009), who carried out the project work under my supervision.

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Certified that this project report “GARBAGE MONITORING AND AUDITING FILES IN IOT USING ROBOTS” is the bonafide work of REKHA.S(21015104023),SWETHA.M(210615104029),SWETHA.P(210615104028) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report "SMART ASSITANYT FOR BLIND PEOPLE USING RASPBERRY PI" is the bonafide work of SONALI.B(21015104025),LISHA R(210615104012) who carried out the project work under my supervision.


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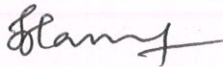

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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “DETECTION OF FUNDUS-RETINOGRAPHY USING MACHINE LEARNING” is the bonafide work of KARTHIKA G(21015104013),HARIPRIYA K(210615104011) who carried out the project work under my supervision.

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Certified that this project report "CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING" is the bonafide work of MURUGAN.N(21015104019), RAGUL.M(210615104021), BHARATHI.K (210615104006) who carried out the project work under my supervision.



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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



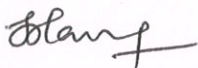
SIGNATURE

Mr.E.MUNNUSWAMY M.E.

SUPERVISOR

Assistant Professor
Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
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Submitted for the Examination held on 26-03-2019



INTERNAL EXAMINER

Dr. J. Faritha Banu



EXTERNAL EXAMINER

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATED AND SECURE MONITORING SYSTEM FOR SMART HOME USING IOT" is the bonafide work of **CHINTHAKUNTA VENKATA PAVAN SASHANK.S(210615104007),KOLGAIPRIYAN.K.T(210615104014), MADHAN KUMAR.V.T(210615104017)** who carried out the project work under my supervision.


SIGNATURE

Dr.J.FARITHA BANU M.E., Ph.D.

HEAD OF THE DEPARTMENT

Professor
Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

Ms.M.SUGANYA M.E.

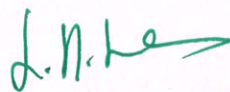
SUPERVISOR

Assistant Professor
Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

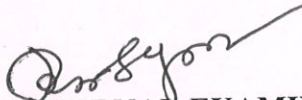
Submitted for the Examination held on 26-03-2019


INTERNAL EXAMINER

Dr. J. Faritha Banu M.E., Ph.D.



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604


EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “**DETECTING FAKE URL USING MACHINE LEARNING TECHNIQUES**” is the bonafide work of **ROGAN.R(210615104025),JAIPRASANNA.D(210615104012)** who carried out the project work under my supervision.



SIGNATURE

Dr.J.FARITHA BANU M.E., Ph.D.

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Ms R DAYANA M.E.

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Submitted for the Examination held on 26-03-2019



INTERNAL EXAMINER

Dr - J - Faritha Banu



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “**CRIME ANALYSIS AND PREDICTION**” is the bonafide work of **ARUN VICTOR.V(210615104002),MANIVANNA PRABU.B(210615104018)** who carried out the project work under my supervision.



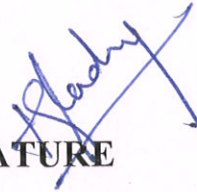
SIGNATURE

Dr.J.FARITHA BANU M.E., Ph.D.

HEAD OF THE DEPARTMENT

Professor

Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

Ms N R GLADISS MERLIN M.Tech.

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Submitted for the Examination held on 26-03-2019



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Dr. J. Faritha Banu



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "**PREDICTION OF CROP YIELDING USING MACHINE LEARNING**" is the bonafide work of **RANJITH.R.S(210615104022), GOGULAKRISHNAN.N(210615104010), ALOK MISHRA(210615104001)** who carried out the project work under my supervision.



SIGNATURE

Dr.J.FARITHA BANU M.E., Ph.D.

HEAD OF THE DEPARTMENT

Professor

Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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Dr.J.FARITHA BANU M.E., Ph.D.

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Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019




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**JEPPIAAR INSTITUTE OF TECHNOLOGY
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SRIPERUMBUDUR - 631604**



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BONAFIDE CERTIFICATE

Certified that this project report "LOCATION BASED EARLY DISASTER WARNING AND EVACUATION SYSTEM ON MOBILE PHONE USING OPEN STREET MAP" is the bonafide work of KUMARAN.K(210615104015),SUBASH CHANDRA BOSE(210615104027) ASHWIN KUMAR.A.R(210615104004) who carried out the project work under my supervision.



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Dr.J.FARITHA BANU M.E., Ph.D.

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Computer Science and Engineering,
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Mr R MURALIKRISHNAN M.Tech.

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Jeppiaar Institute of Technology,
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Submitted for the Examination held on 26-03-2019



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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604



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BONAFIDE CERTIFICATE

Certified that this project report "FACE DETECTION USING MACHINE LEARNING ALGORITHM" is the bonafide work of ELAMATHI KAMALI T(210615104008) who carried out the project work under my supervision.



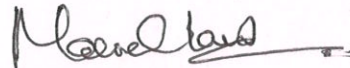
SIGNATURE

Dr.J.FARITHA BANU M.E., Ph.D.

HEAD OF THE DEPARTMENT

Professor

Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

Dr N MARIE CLAUDE M.E., Ph.D.

SUPERVISOR

Associate Professor

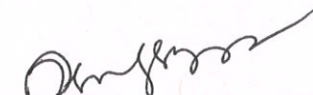
Computer Science and Engineering,
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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019



INTERNAL EXAMINER

Dr. J. Faalika Bomm



EXTERNAL EXAMINER

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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report “**Detection of Liver Cancer using Image Processing Technique**” is the bonafide work of **Anu Priya E (210616104005)**, **Akshaya G (210616104003)**, **Ishwariya M (210616104021)** who carried out the project work under my supervision.


SIGNATURE

Dr.J.FARITHA BANU, Ph.D.

HEAD OF THE DEPARTMENT

Professor
Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

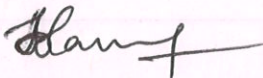

SIGNATURE

Mrs.Gladdis Merlin.N.R, M.Tech.

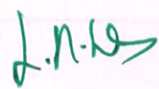
SUPERVISOR

Associate Professor
Computer Science and Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
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Submitted for the Examination held on 22.09.2020


INTERNAL EXAMINER

Dr. J. Faritha Banu


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EXTERNAL EXAMINER



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Academic year:2018-2019(Even)

PROJECT WORK DETAILS

Batch:2015-2019

Year/Sem:IV/08

Total Strength:16

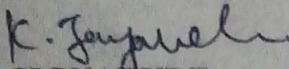
Batch05

S.No	Batch No.	Reg.number	Team Name	Project Title	Guide Name
1	15EE01	210616105001	CLADIEN P	Automatic Head light Intensity control in Automobile using Arduino	Mr.K.Jayavelu
2		210616105017	VENUKA P		
3		210616105012	PREETHI B		
4		210616105010	NIRANJAN ABISH		
5	15EE02	210616105009	NAVANEETHA KRISHNAN	Design of controller for Active Suspension System using PID control	Ms.S.Priya
6		210616105501	NISHANTH D		
7		210616105011	PRABHAHEETS A		
8	15EE03	210616105013	RAM PRASATH	FPGA Based SVPWM Control Technique in Three-Phase Matrix Converter	Mrs.L.Pattathurani
9		210616105008	NARENDHARAN A S		
10	15EE04	210616105005	JENIFER J	FLC Based SEPIC Converter for Maximum Power Point Tracking in PV system	Ms.P.Vinnarasi Ponnury
11		210616105016	SHANMUGA PRIYADHARSHINI V		
12		210616105002	DHARANI P		
13		210616105015	SANGEETHA A		
14	15EE05	210616105003	GOKUL	Load Demand Side Management in Smart Grid	Mr.A.Antony Charles
15		210616105007	MAHISH SHIVAN		
16		210616105006	KESAVAN		

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report "Design of controller for Active Suspension System using PID control" is the bonafide work of NIRANJAN ABISH(210615105010), NAVANEETHA KRISHNAN(210615105009), NISHANTH D(210615105501) who carried out the project work under my supervision.

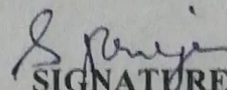

SIGNATURE

Mr.K.JAYAVELU

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.


SIGNATURE

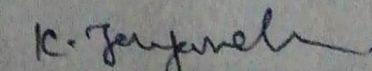
Ms S PRIYA

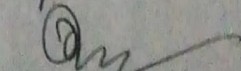
SUPERVISOR

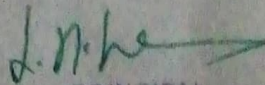
Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019


INTERNAL EXAMINER

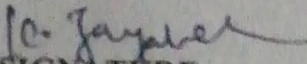

EXTERNAL EXAMINER


PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report " Load Demand Side Management in Smart Grid" is the bonafide work of GOKUL(210615105003), MAHISH SHIVAN(210615105007), KESAVAN(210616105006), who carried out the project work under my supervision.


SIGNATURE

Mr.K.JAYAVELU

HEAD OF THE DEPARTMENT

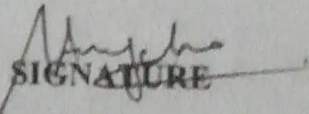
Associate Professor

Electrical and Electronics Engineering,

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.


SIGNATURE

Mr A ANTONY CHARLES

SUPERVISOR

Associate Professor

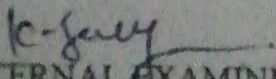
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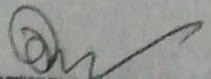
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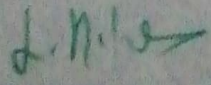
Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019


INTERNAL EXAMINER


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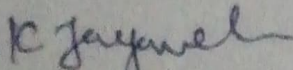
JEPPIAAR INSTITUTE OF TECHNOLOGY

KUNNAM, SUNGUVARCHATRAM

SRIPERUMBUDUR - 631604

BONAFIDE CERTIFICATE

Certified that this project report "FPGA Based SVPWM Control Technique in Three-Phase Matrix Converter" is the bonafide work of PRABHAHEETS A(210615105011), RAM PRASATH(210615105013), NARENDHARAN A S(210615105008) who carried out the project work under my supervision.


SIGNATURE

Mr.K.JAYAVELU

HEAD OF THE DEPARTMENT

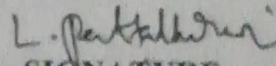
Associate Professor

Electrical and Electronics Engineering,

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.


SIGNATURE

Mrs L PATTATHURANI

SUPERVISOR

Associate Professor

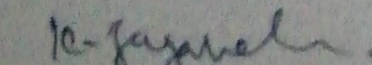
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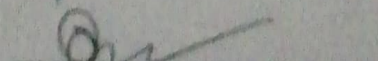
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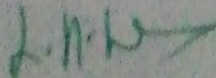
Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

Submitted for the Examination held on 26.07.2019


INTERNAL EXAMINER


EXTERNAL EXAMINER



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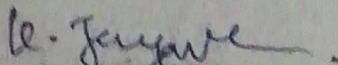
JEPPIAAR INSTITUTE OF TECHNOLOGY

KUNNAM, SUNGUVARCHATRAM,

SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "FLC Based SEPIC Converter for Maximum Power Point Tracking in PV system" is the bonafide work of JENIFER J(210615105005), SHANMUGA PRIYADHARSHINI V(210616105016), DHARANI P(210615105002), SANGEETHA A(210615105015) who carried out the project work under my supervision.

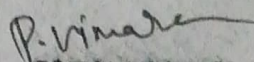

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Mr. K. JAYAVELU

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.


SIGNATURE

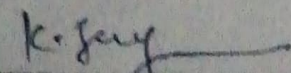
Ms P VINNARASI PONNURY

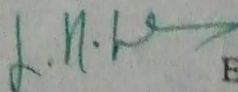
SUPERVISOR

Associate Professor

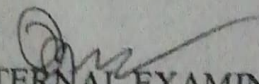
Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR. 631604.

BONAFIDE CERTIFICATE

Certified that this project report "Automatic Head light Intensity control in Automobile using Arduino" is the bonafide work of CLADIEN P(210615105001), VENUKA P,(210615105017) PREETHI B(210615105012) who carried out the project work under my supervision.



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Mr.K.JAYAVELU

HEAD OF THE DEPARTMENT

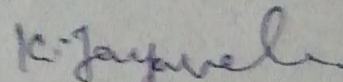
Associate Professor

Electrical and Electronics Engineering,

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.



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Mr K JAYAVELU

SUPERVISOR

Associate Professor

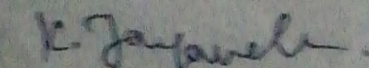
Electrical and Electronics Engineering,

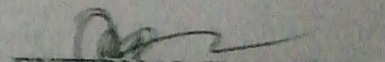
Jeppiaar Institute of Technology,

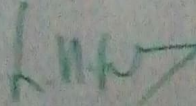
Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

Submitted for the Examination held on 26-02-2019


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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2018-2019 (EVEN SEMESTER)

EC6811 - PROJECT WORK

BATCH: 2015-2019

YEAR / SEM : IV / 08


TOTAL STRENGTH : 46

NO OF BATCHES : 14

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	15ECE001	210615106021	LINDA GLADIS R I	OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE
2		210615106011	KALAIVANI R	
3		210615106040	SHARULATHA S	
4	15ECE002	210615106018	KEERTHANAA P	IOT BASED SURVILLANCE MONITORING
5		210615106031	PRIYADARSHINI K	
6		210615106005	FRANCIS DIANA A	
7	15ECE003	210615106037	SHABARMATHY S	DESIGN AND DEVELOPMENT OF CONTROLLING ROBOTIC MODULE USING LEAP MOTION SENSOR
8		210615106008	HEMALATHA S	
9		210615106042	SOUNDARYA R	
10	15ECE004	210615106044	STANLEY AROCKIARAJ S	MULTIBAND MICROSTRIP PATCH ANTENNA FOR WIRELESS APPLICATIONS
11		210615106049	ALLWIN WILLBERT G	
12		210615106038	SHANMUKAPRIAN R	
13		210615106010	JAY PRATHAP C	
14	15ECE005	210615106025	NIKHITA R	DESIGN OF WEARABLE ANTENNA FOR BIOMEDICAL APPLICATION USING WBAN
15		210615106012	KANIMOZHI K S	
16		210615106041	SHASMITHA NAFRIN M	
17	15ECE006	210615106014	KANIMOZHI S	DRIVER DROWSINESS DETECTION AND ALERT SYSTEM USING BRAIN COMPUTER INTERFACE
18		210615106029	PRATHIBA A	
19		210615106047	YOGAPRIYA K	

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SRIPERUMBUDUR - 631604.

20	15ECE007	210615106017	KARUNNYA D S	DESIGN OF INVERTED F SHAPE MICROSTRIP PATCH ANTENNA FOR 5G MOBILE COMMUNICATION
21		210615106027	NIVETHA J T	
22		210615106013	KANIMOZHIR	
23	15ECE008	210615106048	YUVALAKSHMI K	AUTOMATION IN RESTROOM USING IR SENSOR
24		210615106032	PRIYADHARSINI M	
25	15ECE009	210615106015	KARTHICK S	SIGNAL INTEGRITY ANALYSIS FOR HIGH SPEED TRANSMISSION
26		210615106030	PRAVEEN KUMAR V	
27		210615106002	ARAVIND BABU S	
S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
28	15ECE010	210615106028	PRAKAASH S	VIRTUAL REALITY(HOLOGRAM) BASED SUPPLY SYSTEM MANAGEMENT POST FLOOD
29		210615106035	SANJAY B	
30		210615106006	GODSON I	
31		210615106034	SAMPATH M	
32	15ECE011	210615106046	VINOTH KUMAR M	SMART LIBRARIAN MANAGEMENT SYSTEM USING IOT
33		210615106045	SURYA A	
34		210615106302	MOHAN R (L)	
35	15ECE012	210615106026	NIROOBAN P	CAR INTRUDER PREVENTION AND DRIVER SLEEP DETECTION SYSTEM USING Rpi
36		210615106009	JABEZ JOGEETH SINGH J S	
37		210615106019	KISHOR G Y	
38		210615106001	ANTONY AJAY J	
39	15ECE013	210615106023	MOHAN T	VISUAL SURVEILLANCE FEATURE BASED AUTOMATED MULTIVIEW HUMAN ACTION RECOGNITION SYSTEM
40		210615106004	AVINASH K V	
41		210615106022	LOKESH P	
42		210615106024	NAVEEN E	
43	15ECE014	210615106016	KARTHIKEYAN D	SMART SUBSIDY ASSISTANCE SYSTEM IN IRRIGATION FARMS
44		210615106039	SHARATH KUMAR S	
45		210615106301	ASHOK KUMAR	
46		210615106036	SATHISH KUMAR M	


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Certified that this project report "DESIGN AND DEVELOPMENT OF CONTROLLING ROBOTIC MODULE USING LEAP MOTION SENSOR" is the bonafide work of SHABARMATHY S (210615106037) HEMALATHA S (210615106008), SOUNDARYA R (210615106042), " who carried out the project work under my supervision.



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PROFESSOR

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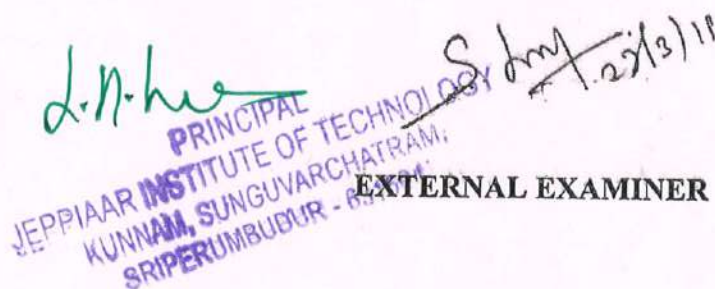
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Certified that this project report "DESIGN OF WEARABLE ANTENNA FOR BIOMEDICAL APPLICATION USING WBAN" is the bonafide work of NIKHITA R (210615106025) KANIMOZHI K S (210615106012), SHASMITHA NAFRIN M (210615106041)," who carried out the project work under my supervision.



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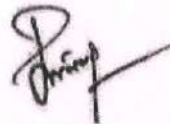
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Mr. R.THANDAIAH PRABU, M.E., (Ph.D)

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ASSISTANT PROFESSOR

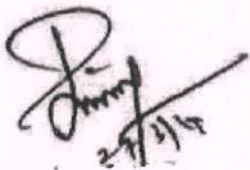
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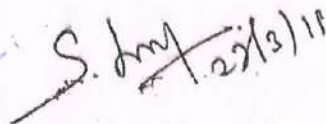
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Certified that this project report "MULTIBAND MICROSTRIP PATCH ANTENNA FOR WIRELESS APPLICATIONS" is the bonafide work of STANLEY AROCKIARAJ S (210615106044) ALLWIN WILLBERT G (210615106049), SHANMUKAPRIAN R (210615106038), " who carried out the project work under my supervision.



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Ms.M.Benisha, M.E.

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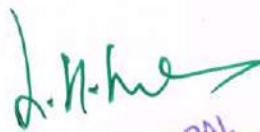
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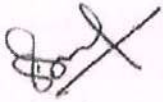


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BONAFIDE CERTIFICATE

Certified that this project report “**DRIVER DROWSINESS DETECTION AND ALERT SYSTEM USING BRAIN COMPUTER INTERFACE**” is the bonafide work of **KANIMOZHI S (210615106014) PRATHIBA A (210615106029), YOGAPRIYA K (210615106047),**” who carried out the project work under my supervision.



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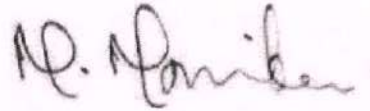
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N. Archatram
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Certified that this project report "IOT BASED SURVILLANCE MONITORING" is the bonafide work of KEERTHANAA P (210615106018) PRIYADARSHINI K (210615106031), FRANCIS DIANA A (210615106005), " who carried out the project work under my supervision.



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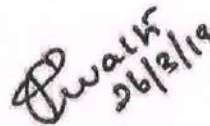
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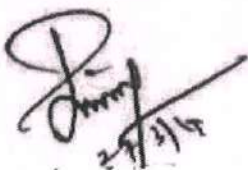
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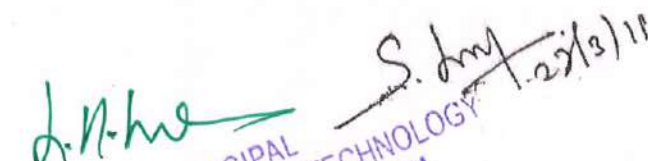
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Certified that this project report "OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE" is the bonafide work of LINDA GLADIS R I (210615106021) KALAIVANI R R(210615106011), SHARULATHA S (210615106040), " who carried out the project work under my supervision.



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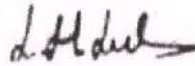
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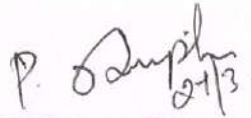
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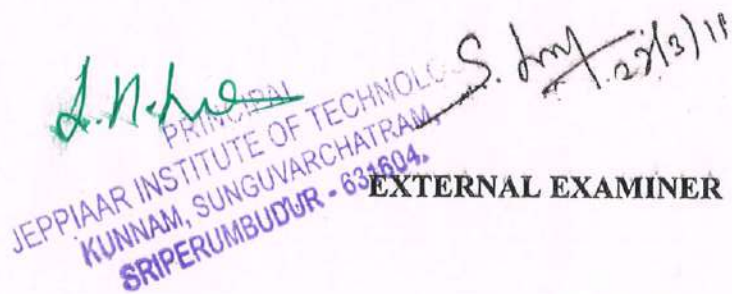
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Certified that this project report “ **AUTOMATION IN RESTROOM USING IR SENSOR**” is the bonafide work of **YUVALAKSHMI K (210615106048) PRIYADHARSINI M (210615106032)** who carried out the project work under my supervision.



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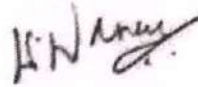
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Ms.W.NANCY, M.E., (Ph.D)

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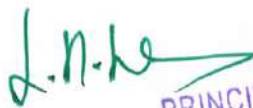
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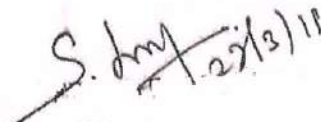
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Certified that this project report “ **SIGNAL INTEGRITY ANALYSIS FOR HIGH SPEED TRANSMISSION**” is the bonafide work of **KARTHICK S (210615106015) PRAVEEN KUMAR V (210615106030) ARAVIND BABU S(210615106002)** who carried out the project work under my supervision.



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SIGNATURE

Mr.V.YOKESH, M.E., (Ph.D)

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ASSISTANT PROFESSOR

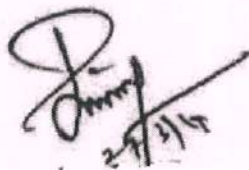
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BONAFIDE CERTIFICATE

Certified that this project report “ **VIRTUAL REALITY(HOLOGRAM) BASED SUPPLY SYSTEM MANAGEMENT POST FLOOD**” is the bonafide work of **PRAKAASH S (210615106028) SANJAY B (210615106035) GODSON I (210615106006) SAMPATH M(210615106034)** who carried out the project work under my supervision.



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Mr.M.Venkatesan , M.E., (Ph.D)

SUPERVISOR

ASSISTANT PROFESSOR

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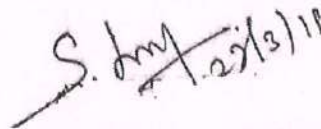
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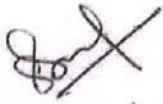


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Ms.Merline G, M.E.,

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ASSISTANT PROFESSOR

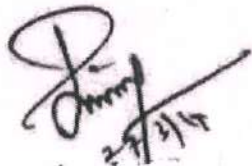
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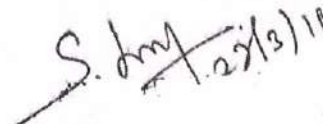
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BONAFIDE CERTIFICATE

Certified that this project report “ VISUAL SURVEILLANCE FEATURE BASED AUTOMATED MULTI-VIEW HUMAN ACTION RECOGNITION SYSTEM” is the bonafide work of MOHAN T (210615106023) AVINASH K V (210615106004) LOKESH P (210615106022) NAVEEN E (210615106024) who carried out the project work under my supervision.



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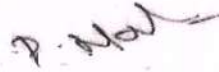
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Ms.P.Mahalakshmi, M.E.,

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ASSOCIATE PROFESSOR

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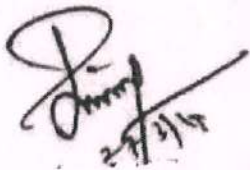
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27.03.2019



INTERNAL EXAMINER




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BONAFIDE CERTIFICATE

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Ms.Poonkulali, M.E.,

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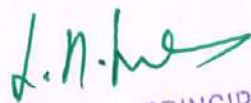
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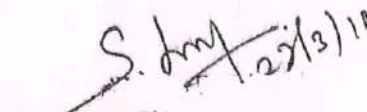
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BONAFIDE CERTIFICATE

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Mr.Joshua Jeyasekar D , M.E.,

SUPERVISOR

ASSISTANT PROFESSOR

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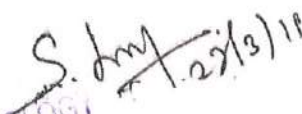
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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2018-2019 (EVEN SEMESTER)

ME6811 - PROJECT WORK DETAILS

BATCH: 2015-2019

TOTAL STRENGTH : 70

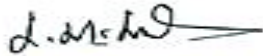
YEAR / SEM : IV / 08

NO OF BATCHES : 25

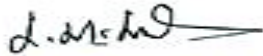
S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
1	A1	210615114001	ABDUL HALIK M I	Combustion, performance and emission analysis of CRDI engine fuelled with sapodilla oil methyl ester
2		210615114002	ABINESH A	
3		210615114003	AJAI A	
4		210615114004	ALEXANDER ANTONY RAJ S	
5	A2	210615114028	KRISHNA MOORTHY J	Effect of pyrogallol as an additives blend with manilkora zapota biodiesel in diesel engine
6	A3	210615114016	ELAMPARITHI S	Effect of n-butyl alcohol and dimethyl ether with manilkora zapota biodiesel blends fuelled with CRDI engine
7		210615114023	JEREMIAH SILAS R	
8		210615114024	JOHN VISHAL A	
9		210615114055	THIVAGAR T	
10	A4	210615114022	JAYASURYA K R	Automatic car window opening by using sound and oxygen sensor
11	A5	210615114303	ASWATH PRAVEEN S	Study of mechanical properties of glass fibre reinforced composites
12	A6	210615114031	MOHAMED ASLAM TAJUDEEN T	Investigation on mechanical properties on sub-zero treated functionally gradient aluminium composite using centrifugal casting
13		210615114035	ORAL ROBERT R K	
14		210615114041	SAHAYA AJITH KUMAR A	
15		210615114042	SAMPATH P K	
16	A7	210615114038	RAJA RAJAN R	Child parts body damage reduction in TMC (Tandam Master Cylinder) assembly
17		210615114039	RAMACHANDRAN A	

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18	A8	210615114045	SARAVANAN S	Investigation of porosity development by optimizing the process parameter of laser sintered Co-Cr alloy
19		210615114048	SENTHILVELA V	
20		210615114053	SUNISH S	
21	A9	210615114027	KISHORE S	Application of quality management software for automotive suppliers in India
22		210615114043	SANTHOSH V B	
23		210615114058	VIGNESH K	
24		210615114060	VIVEKANANDAN V	
25	A10	210615114008	ARUNKUMAR A	Evaluation of thermal properties of laminate natural composites (Kevlar)
26	A11	210615114017	FRANKLIN RAJA A	Friction stir welding of age hardenable alloys
27		210615114046	SARAVANAVEL L	
28		210615114306	MANIKANDAN A	
29	A12	210615114021	JAYASURIYAN U	Study of corrosion on friction stir welding joints
30		210615114044	SANTHOSH KUMAR V	
31		210615114047	SATHISH S	
32	A13	210615114304	HARI PRASAD A	Heat transfer analysis of valve using phase change material
33		210615114308	RAJA SEKAR G	
34	A14	210615114015	DHILEEP KUMAR S	Investigation of corrosion on a biocompatible material developed by laser sintering process
35		210615114056	UDHAYA BASKAR V	
36		210615114301	AJITH R	
37		210615114305	MADHAN KUMAR G	
38	A15	210615114036	PRAVEEN J	Evaluation of the mechanical properties of laminated natural composites (Kevlar)
39	A16	210615114302	ARAVINDK KUMAR SAI	Design and analysis of multi point fuel rail assembly
40		210615114310	VINOTHKUMAR V	
41		210615114311	VIVEKANANDAN M	
42	A17	210615114011	ARUNPRASATH M	Performance study of earth air heat exchanger
43		210615114013	BALAJI P J	
44		210615114051	SIVANESAN K	


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45		210615114006	ANANTHARAJ E	
46	A18	210615114009	ARUNKUMAR A	Combustion, performance and emission characteristics of CRDI engine fuelled with sepota methyl ester/dimethyl carbonate blends
47		210615114020	GOVINDHARAJAN S	
48		210615114029	KUMARASWAMY R	
49		210615114030	MEENAKSHISUNDARAM S	
50		A19	210615114025	
52	210615114034		NANTHA KUMAR I	
52	210615114049		SHABARISH K	
53	210615114052		SIVASURIYA S	
54	A20	210615114019	GOKULKUMAR S	Effect of exhaust gas recirculation and injection timing of n-butyl alcohol as an additives with manilkora zapota methyl ester on CRDI engine
55		210615114054	SURYA S	
56		210615114307	MUTHUKARUPPIAH B	
57		210615114309	SIVA C	
58	A21	210615114026	KARTHIK PRASAD S.R	Performance combustion and emission characteristics of diesel engine using WCOME by varying EGR and injection timing
59	A22	210615114037	RAGHUL R	DOL material in warding process from gate to store
60		210615114040	ROHIN R	
61	A23	210615114018	GANESH KUMAR R	Investigation of roughness parameter on laser sinter cobalt chromium alloys
62		210615114057	VENKATESH SABARI N	
63		210615114059	VIGNESH R	
64		210615114061	YUVAN ARAVIND S	
65	A24	210615114010	ARUN KUMAR R	Productivity improvement on thermostat
66		210615114012	BALAJI K	
67		210615114014	BALAJI R	
68		210615114033	MUKESH G	
69	A25	210615114005	ANANDHARAJAN S	Power generation from micro turbines
70		210615114007	ANTON ROSHAN DE COSTA J	


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Certified that this project report "COMBUSTION, PERFORMANCE AND EMISSION CHARACTERISTICS OF CRDI ENGINE FUELLED WITH SAPOTA METHYL ESTER/DIMETHYL CARBONATE BLENDS" is the bonafide work of "A.ARUNKUMAR, S.GOVINDHARAJAN, R.KUMARASWAMY, S.MEENAKSHISUNDARAM" who carried out the project work under my supervision.

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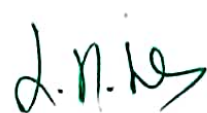
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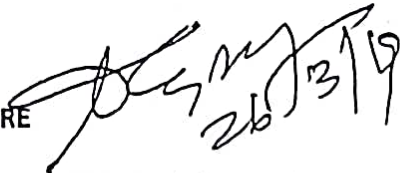

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Certified that this project report **STUDY OF MECHANICAL PROPERTIES OF GLASS FIBER REINFORCED COMPOSITES**

is the Bonafide work of S. Aswath Praveen (210615114303) who carried out the project work under my supervision.

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Certified that this project report **“AUTOMATIC CAR WINDOW OPENING BY USING SOUND AND OXYGEN SENSOR”**

is the bonafide work of **“JAYASURYA K.R ”** Who carried out the project work under my supervision.

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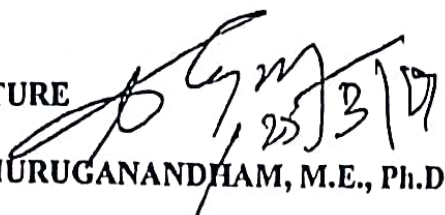

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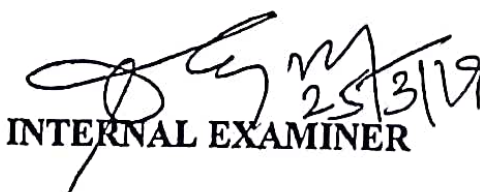
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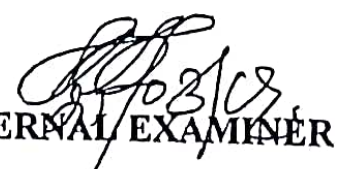
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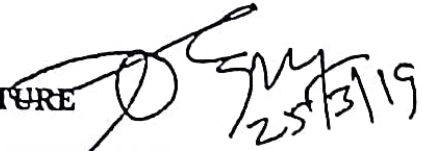


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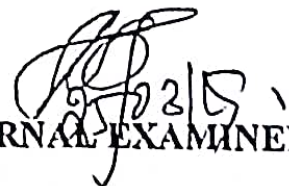
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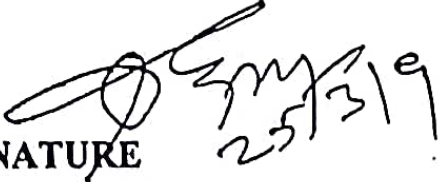
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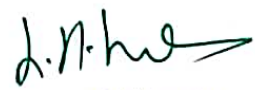
Assistant Professor

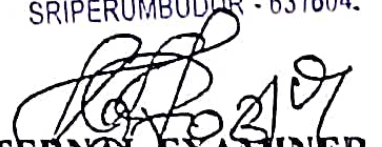
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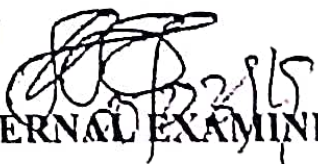
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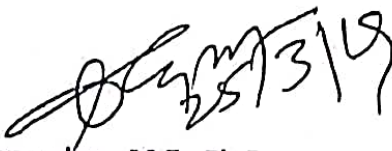

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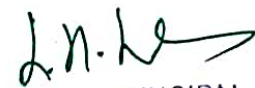
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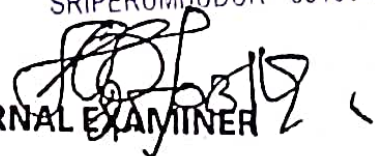
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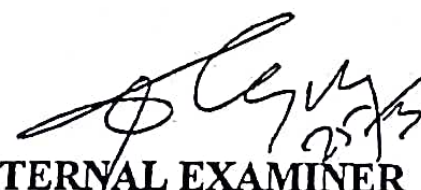
SUPERVISOR


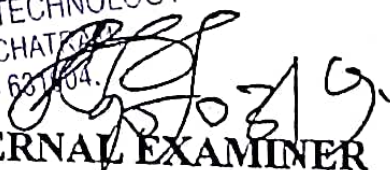
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631604.

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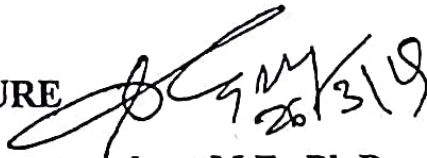

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Sunguvarchatram, Sriperumbudur.

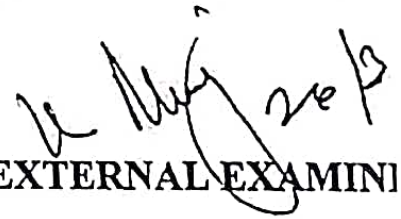
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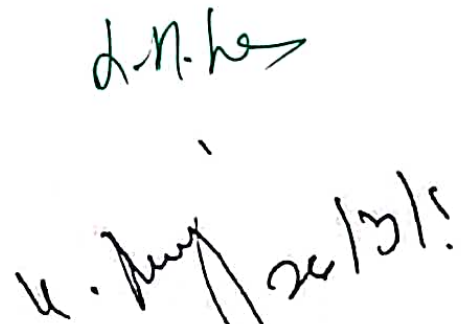
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Certified that this project report "APPLICATION OF QUALITY MANAGEMENT SOFTWARE FOR AUTOMOTIVE SUPPLIERS IN INDIA." is the bonafide work of "S.KISHORE 210615114027), V.B.SANTHOSH (210615114043), K.VIGNESH (210615114058), V.VIVEKANANDAN (210615114060)" who carried out the project work under my supervision.

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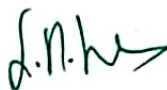
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Mechanical Engineering

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Sunguvarchatram, Sriperumbudur. 631604.

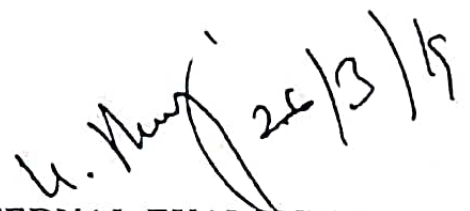
Submitted for the Examination held on ...24/3/19.....

INTERNAL EXAMINER



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

EXTERNAL EXAMINER



ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Investigation of corrosion on a biocompatible material developed by laser sintering process" is the bonafide work of "DHILEEP KUMAR S, UDHAYA BASKAR V, AJITH R, MADHANKUMAR G" who carried out the project work under my supervision.

SIGNATURE

Dr.D.Muruganandam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

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Mr. S. Kannan, M.E.,

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Assistant Professor

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Sunguvarchatram, Sriperumbudur.

631604.

Submitted for the Examination held on 26.3.19

INTERNAL EXAMINER

EXTERNAL EXAMINER

PRINCIPAL

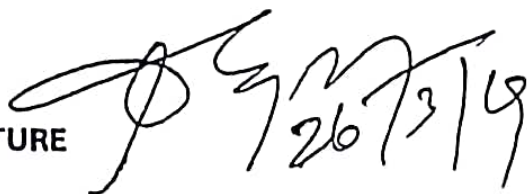
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

Certified that this project report EVALUTION OF EVALUTION OF THE MECHANICAL PROPERTIES OF LAMINATED NATURAL COMPOSITES

(KEVLAR)

is the Bonafide work for **J.PRAVEEN (210615114036)** who carried out the project work under my supervision.

SIGNATURE



Dr.D. Muruganandam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

SIGNATURE



Dr.D.Muruganandam,M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

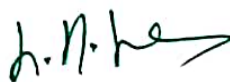
Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur 631604.

Mechanical Engineering

Jeppiaar Institute of Technology
Sriperumbudur 631604.

Submitted for the Examination held on ...26.3.19.....

INTERNAL EXAMINER



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.


EXTERNAL EXAMINER



ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF MULTI POINT FUEL RAIL ASSEMBLY is the bonafide work of "ARAVINDK KUMAR SAI, VINOTH KUMAR V, VIVEKANANDAN M" who carried out the project work under my supervision.


SIGNATURE

Dr.D.Muruganandam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,
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SIGNATURE

Dr.P.K. Chidambaram, M.E., Ph.D.,


SUPERVISOR

Associate Professor

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Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur. 631604.

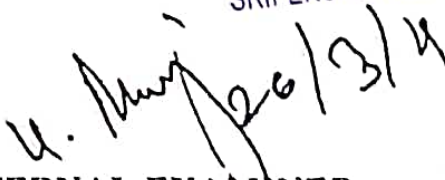
Submitted for the Examination held on26.3.19.....



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.


INTERNAL EXAMINER


EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Effect of Process Parameter on Mechanical Properties of Co-Cr Produced By DMLS" is the bonafide work of "KABILAN S, NANTHA KUMAR I, SHABARISH K, SIVASURIYA S" who carried out the project work under my supervision.

SIGNATURE

Dr.D.Muruganandam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

SIGNATURE

Mr. S. Kannan, M.E.,

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Assistant Professor

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,

Sunguvarchatram, Sriperumbudur.

631604.

Submitted for the Examination held on ... 25/3/19

INTERNAL EXAMINER

EXTERNAL EXAMINER

Principal

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "INVESTIGATION OF ROUGHNESS PARAMETER ON LASER SINTER COBALT CHROMIUM ALLOYS is the bonafide work of "GANESH KUMAR R, VENKATESH SABARI N, VIGNESH R, YUVAN ARAVIND S" who carried out the project work under my supervision.


SIGNATURE

Dr.D.Muruganandam, M.E., Ph.D.,


HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.


SIGNATURE

Mr.S.Arun, M.E.,

SUPERVISOR

Assistant Professor

Mechanical Engineering

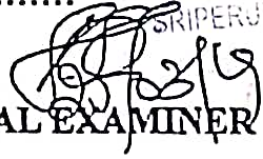
Jeppiaar Institute of Technology, Kunnam,

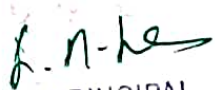
Sunguvarchatram, Sriperumbudur.

631604.

Submitted for the Examination held on ... 25/03/2019 ...


INTERNAL EXAMINER


EXTERNAL EXAMINER


PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DOL MATERIAL INWARDING PROCESS FROM GATE TO STORE" is the bonafide work of ROHIN.R and RAGHUL.R who carried out the project work under my supervision.

SIGNATURE



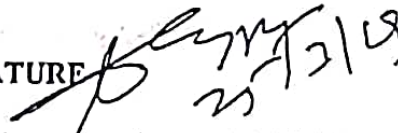
Dr.D.Muruganandam, M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam, Sunguvarchatram, Sriperumbudur. 631604.

SIGNATURE



Dr.D.Muruganandam, M.E., Ph.D.,

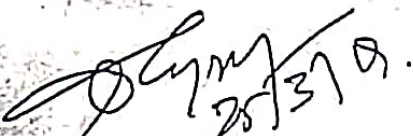
SUPERVISOR

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam, Sunguvarchatram, Sriperumbudur. 631604.

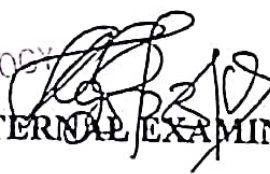
Submitted for the Examination held on 25/3/19

INTERNAL EXAMINER



JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM
SRIPERUMBUDUR - 631604

EXTERNAL EXAMINER



ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE COMBUSTION AND EMISSION CHARACTERISTICS OF DI DIESEL ENGINE USING WCOME BY VARYING EGR AND INJECTION TIMING" is the bonafide work of S.R. KARTHICK PRASAD (210615114026) who carried out the project work under my supervision.


SIGNATURE

Dr. D. MURUGANANDAM M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.


SIGNATURE

Dr. D. MURUGANANDAM M.E., Ph.D.,

SUPERVISOR

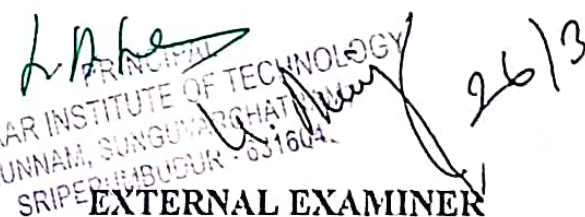
Professor

Mechanical Engineering

Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 26-03-2019


INTERNAL EXAMINER


EXTERNAL EXAMINER

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "EFFECT OF EXHAUST GAS RECIRCULATION AND INJECTION TIMING OF N- BUTYL ALCOHOL AS AN ADDITIVES WITH MANILKORA ZAPOTA METHYL ESTER ON CRDI ENGINE" is the bonafide work of S.GOKULKUMAR (210615114019), S.SURYA (210615114054), B.MUTHUKARUPPIAH (210615114307) and C.SIVA (210615114309) who carried out the project work under my supervision.

SIGNATURE

Dr. D. Muruganandam, M.E., Ph.D.,

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SIGNATURE

Dr. S. Boopathi, M.E., Ph.D.,

SUPERVISOR

Associate Professor

Mechanical Engineering

Jeppiaar Institute of Technology,

Kunnam, Sunguvarchatram,

Sriperumbudur. 631604.

Submitted for the Examination held on 26/03/19.....

INTERNAL EXAMINER

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.
EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "PRODUCTIVITY IMPROVEMENT ON THERMOSTAT" is the bonafide work of "BALAJI K (210615114012), MUKESH G(210615114033), ARUNKUMAR R(210615114010), BALAJI R (210615114014)" who carried out the project work under my supervision.


SIGNATURE

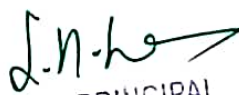

Dr. D. MURUGANANDAM Ph.D.,
HEAD OF THE DEPARTMENT,
ASSOCIATE PROFESSOR,
Mechanical Engineering,
Jeppiaar Institute of Technology,
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Chennai-631 604.


SIGNATURE

Mr. M. K. KARTHIK M.E.,
ASSISTANT PROFESSOR,
SUPERVISOR,
Mechanical Engineering,
Jeppiaar Institute of Technology,
Sriperumbudur,
Chennai-631 604.

Submitted for the Examination held on 25.03.2019


INTERNAL EXAMINER

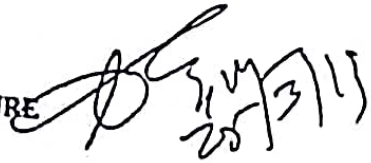

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

EXTERNAL EXAMINER

ANNA UNIVERSITY : : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "POWERGENERATION FROM MICRO TURBINES" is the bonafide work of "ANANDHARAJAN.S, ANTON ROSHAN DE COSTA" who carried out the project work under my supervision.

SIGNATURE



Dr.D.Muruganandam M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur. 631604.

SIGNATURE



Ms. S.A.AROKYA ANICIA M.E.,

SUPERVISOR

Assistant Professor

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur. 631604.

Submitted for the Examination held on 25.3.19

INTERNAL EXAMINER



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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

EXTERNAL EXAMINER





FRICTION STIR WELDING OF AGE HARDENABLE ALLOYS

A PROJECT REPORT

Submitted by

FRANKLINRAJA. A (210615114017)
SARAVANAVEL. L (210615114046)
MANIKANDAN. A (210615114306)

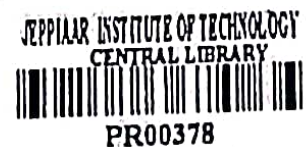
In partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

in

MECHANICAL ENGINEERING



JEPPIAAR INSTITUTE OF TECHNOLOGY, CHENNAI 631 604

ANNA UNIVERSITY:: CHENNAI 600 025

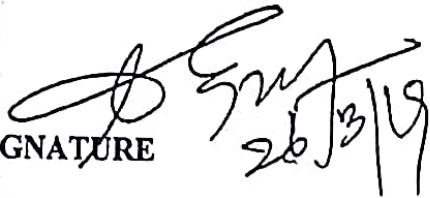
MARCH 2019

PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.**

BONAFIDE CERTIFICATE

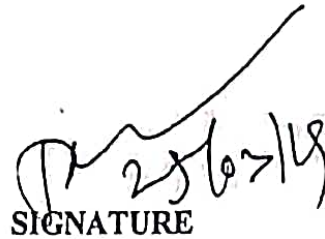
Certified that this project report "FRICTION STIR WELDING OF AGE HARDENABLE ALLOYS" is the bonafide work of "FRANKLINRAJA. A" who carried out the project work under my supervision.


SIGNATURE

Dr.D.Muruganandam, M.E., Ph.D.,
HEAD OF THE DEPARTMENT

Mechanical Engineering

Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur. 631604.


SIGNATURE

Dr. Chidhambaram, M.E., Ph.D.,
SUPERVISOR

Associate Professor

Mechanical Engineering

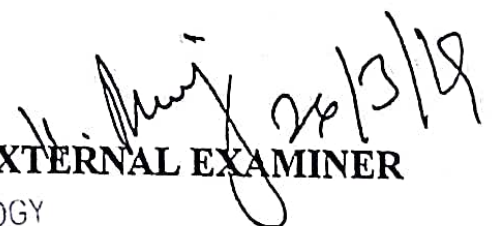
Jeppiaar Institute of Technology, Kunnam,
Sunguvarchatram, Sriperumbudur. 631604.

Submitted for the Examination held on ..26.03.2019.....


INTERNAL EXAMINER


PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.


EXTERNAL EXAMINER



JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect



DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2018-2019 (EVEN SEMESTER)

IT6811- PROJECT WORK DETAILS

BATCH: 2015-2019
YEAR / SEM : IV / 08

TOTAL STRENGTH : 22
NO OF BATCHES : 8

S.NO.	BATCH NO.	REGISTER NO	STUDENT NAME	TITLE OF THE PROJECT
1	1	210615205014	NAGESHWARI P	AGRICULTURE GUIDANCE APPLICATION USING VIRTUAL ASSISTANT FOR CROP ROTATION
2	2	210615205001	AKSHAYAA DHARSHINI D	ANALYSIS OF THE VARIOUS METHODS FOR LOCATION OF DATA MATRIX CODES IN IMAGES
3		210615205005	DHARSHANA M	
4		210615205007	FAUZHIIYA FATHIMA A	
5	3	210615205020	SUMITHRA R	SMART CAR PARKING SYSTEM BY NAME PLATE RECOGNITION USING QR CODE
6		210615205021	VINITHA M	
7		210615205016	NIVEDITHA A	
8	4	210615205002	ANTONY JUEAS M	ACCESSING:STOCK MARKET PREDICTION USING MACHINE LEARNING WITH BIDIRECTIONAL LSTM
9		210615205008	GOKULNATHAN T	
10		210615205011	MADHAN RAJ G	
11	5	210615205010	LOKESH KUMAR R	MACHINE COMPREHENSION WITH QUERY OVER CONTEXT EVOLUTION TECHNIQUE
12		2106152050	NAVEEN M	
13		210615205019	SARAN V	
14		210615205018	RAGUL A	
15	6	210615205004	BALA VIGNESH R	REMOTE SENSING ON SELECTIVE ENERGY EFFICIENCY IN CLOUD IOT
16		210615205003	BALAMURUGAN K	
17		210615205013	MOHAN RAM KUMAR A	
18	7	210615205022	VIVEKA R	MEDICAL ASSISTANCE USING RECON OF AMBULANCE
19		210615205012	MINI D	
20		210615205006	EZHILARASI R	
21	8	210615205009	JANANIKA R	SENTIMENT ANALYSIS OF TWITTER DATA USING DEEP LEARNING MODIFIED NEURAL NETWORK
22		210615205017	PREETHI K	



L. N. Sub
PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

JIT/COMMON/FORM-27

AGRICULTURE GUIDANCE APPLICATION USING VIRTUAL ASSISTANT FOR CROP ROTATION

A PROJECT REPORT

Submitted by

NAGESHWARI P (210615205014)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



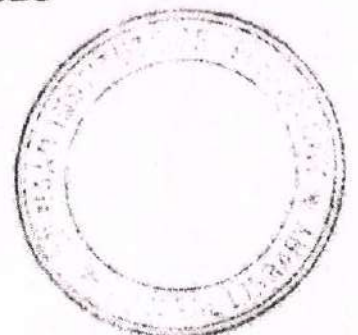
J. A. K.
PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY : CHENNAI 600 025

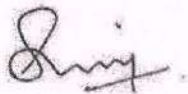
APRIL 2019



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AGRICULTURE GUIDANCE APPLICATION USING VIRTUAL ASSISTANT FOR CROP ROTATION" is the bonafide work of " NAGESHWARI P (210615205014)" who carried out the project work under my supervision.



SIGNATURE

Dr.R.Sabitha

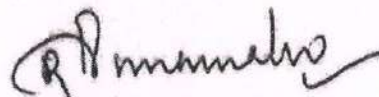
HEAD OF THE DEPARTMENT

INFORMATION TECHNOLOGY

JEPPIAAR INSTITUTE OF TECHNOLOGY

SRIPERUMBUDUR

CHENNAI 631 604



SIGNATURE

MR.R.ANNAMALAI

SUPERVISOR

ASSOCIATE PROFESSOR

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JEPPIAAR INSTITUTE OF TECHNOLOGY

SRIPERUMBUDUR

CHENNAI 631 604



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JEPPIAAR INSTITUTE OF TECHNOLOGY

KUNNAM, SUNGUVARCHATRAM,

SRIPERUMBUDUR

ANNA UNIVERSITY: CHENNAI 600 025

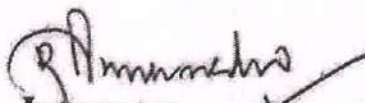
This project report is submitted for viva voice examination to be held
on 27/13/2019


NAMES

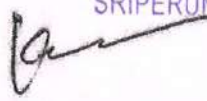
REG. NUMBER

1. **NAGESHWARI P.**

(210615205014)


Internal Examiner


PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.


External Examiner

JEPPIAAR INSTITUTE OF TECHNOLOGY
SRIPERUMBUDUR, CHENNAI - 631604

THE ANALYSIS OF VARIOUS METHODS FOR LOCATION OF DATA MATRIX CODES IN IMAGES

A PROJECT REPORT

Submitted by

AKSHAYAA DHARSHINI D (210615205001)

DHARSHANA M (210615205005)

FAUZHIIYA FATHIMA A (210615205007)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



J.N.W
PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY: CHENNAI 600 025

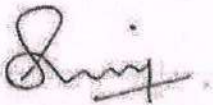
APRIL 2019



ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "THE ANALYSES OF VARIOUS METHODS FOR LOCATION OF DATA MATRIX CODES IN IMAGES" is the bonafide work of " AKSHAYAA DHARSHINI D (210615205001), DHARSHANA M (210615205005) , FAUZHIIYA FATHIMA A(210615205007)" who carried out the project work under my supervision.



SIGNATURE

Dr.R.Sabitha

HEAD OF THE DEPARTMENT

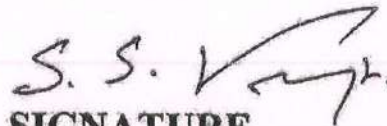
ASSISTANT PROFESSOR

INFORMATION TECHNOLOGY

JEPPIAAR INSTITUTE OF TECHNOLOGY

SRIPERUMBUDUR

CHENNAI - 631 604



SIGNATURE

S.VASANTHA RAJA

SUPERVISOR

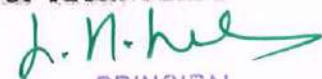
ASSISTANT PROFESSOR

INFORMATION TECHNOLOGY

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SRIPERUMBUDUR

CHENNAI - 631 604



PRINCIPAL

**JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.**

ANNA UNIVERSITY: CHENNAI 600 025

This project report is submitted for viva voice examination to

be held on 27/03/2019

NAMES

REG. NUMBERS

1. AKSHAYAA DHARSHINI .D

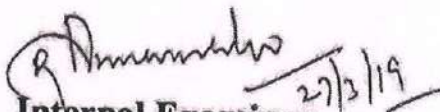
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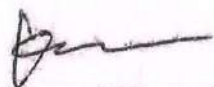
2. DHARSHANA .M

(210615205005)

3. FAUZHIIYA FATHIMA .A

(210615205007)


Internal Examiner 27/3/19


External Examiner

JEPPIAAR INSTITUTE OF TECHNOLOGY PRINCIPAL
SRIPERUMBUDUR, CHENNAI - 631604
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR, CHENNAI - 600 079

**SMART CAR PARKING SYSTEM BY
NUMBER PLATE RECOGNITION
USING QR-CODE**

A PROJECT REPORT

Submitted by

NIVEDITHA.A (210615205016)

SUMITHRA.R (210615205020)

VINITHA.M (210615205021)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



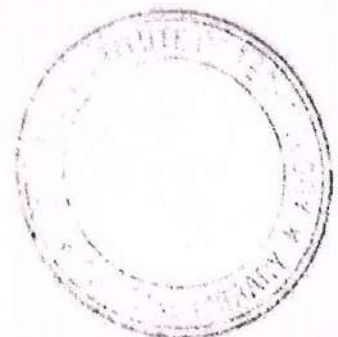
J.N. Reddy
PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY

JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR, SRIPERUMBUDUR, SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY : CHENNAI 600 025

APRIL 2019



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report " SMART CAR PARKING SYSTEM BY NUMBER PLATE RECOGNITION USING QR-CODE " is the bonafide work of "NIVEDITHA.A (210615205016), SUMITHRA.R (210615205020), VINITHA.M (210615205021)" who carried out the project work under my supervision.



SIGNATURE

Dr.R.Sabitha

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M.KARTHIKRAJ

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ANNA UNIVERSITY: CHENNAI 600 025

This project report is submitted for viva voice examination to be held
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

ACCESSING: STOCK MARKET PREDICTION USING MACHINE LEARNING WITH BIDIRECTIONAL LSTM

A PROJECT REPORT

Submitted by

MADHAN RAJ.G (210615205011)
ANTONY JUEAS.M (210615205002)
GOKULNATHAN.T (210615205008)

in partial fulfillment for the award of the degree

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INFORMATION TECHNOLOGY



L.N.Hue
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JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

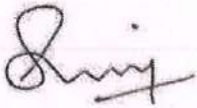
ANNA UNIVERSITY: CHENNAI 600 025

APRIL 2019

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "STOCK MARKET PREDICTION USING MACHINE LEARNING WITH BIDIRECTIONAL LSTM" is the bonafide work of "MADHAN RAJ.G(210615205011), ANTONY JUEAS.M(210615205002), GOKULNATHAN.T (210615205008)" who carried out the project work under my supervision.



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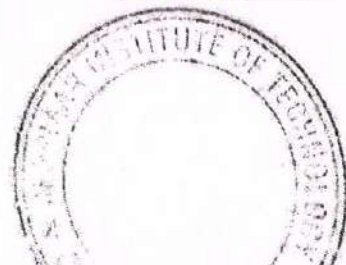
SRIPERUMBUDUR

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**JEPPIAAR INSTITUTE OF TECHNOLOGY
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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

**MACHINE COMPREHENSION WITH QUERY OVER CONTEXT
CONVOLUTION TECHNIQUE**

A PROJECT REPORT

Submitted by

SARAN.V	210615205019
NAVEEN.M	210615205015
RAGHULA	210615205018
LOKESH KUMAR.R	210615205010

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY

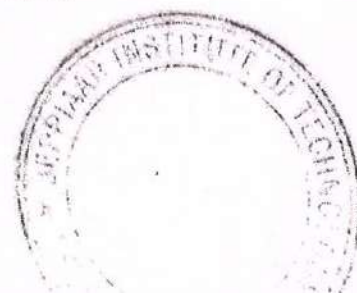


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JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR
JEPPIAAR INSTITUTE OF TECHNOLOGY
SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY : CHENNAI 600 025

MARCH 2019



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "MACHINE COMPREHENSION WITH QUERY OVER CONTEXT CONVOLUTION TECHNIQUE" is the bonafide work of SARAN.V ,NAVEEN.M , RAGHULA.A, LOKESH KUMAR.R who carried out the project work under my supervision.



SIGNATURE

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CHENNAI 631 604**



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Dr.R.Sabitha

SUPERVISOR

**INFORMATION TECHNOLOGY
JEPPIAAR INSTITUTE OF TECHNOLOGY
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CHENNAI 631 604**

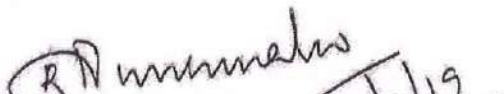


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3. RAGHUL.A	(210615205018)
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Internal Examiner 27/3/19


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REMOTE SENSING ON SELECTIVE ENERGY EFFICIENCY IN CLOUD IoT

A PROJECT REPORT

Submitted by

MOHAN RAM KUMAR.A	210615205013
BALA VIGNESH.R	210615205004
BALAMURUGAN.K	210615205003

in partial fulfillment for the award of the degree

of

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in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY

J. N. K.
PRINCIPAL

ANNA UNIVERSITY: CHENNAI 600 025

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KUNNAM, SUNGLYARCHATRAM,
SRIPERUMBUDUR - 631604.

MARCH 2019



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report **“REMOTE SENSING ON SELECTIVE ENERGY EFFICIENCY IN CLOUD IoT”** is the bonafide work of **“MOHAN RAM KUMAR. A, BALAVIGNESH .R, BALAMURUGAN .K”** who carried out the project work under my supervision.



SIGNATURE

Dr.R.Sabitha



SIGNATURE

Mrs. J.Aruna Jasmine, B.E., M.E.

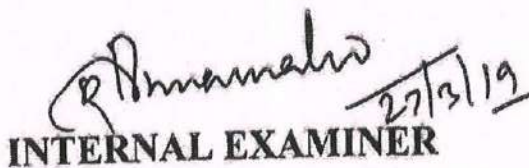
HEAD OF THE DEPARTMENT

Department of Information Technology
Jeppiaar Institute of Technology,

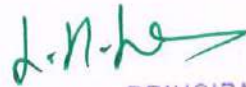
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Assistant Professor
Department of Information Technology
Jeppiaar Institute of Technology,

Submitted for University Project Examination held on 27.3.19 at
Jeppiaar Institute of Technology, Chennai – 631604.

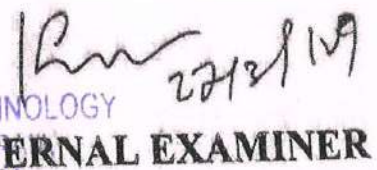


INTERNAL EXAMINER



PRINCIPAL

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KUNNAM, SUNGUVARAM
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

MEDICAL ASSISTANCE USING RECON OF AMBULANCE

A PROJECT REPORT

Submitted by

EZHILARASI R (210615205006)

MINI D (210615205012)

VIVEKA R (210615205022)

in partial fulfillment for the award of the degree

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BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY : CHENNAI 600 025

MARCH 2019

d.n.h.
PRINCIPAL
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SRIPERUMBUDUR - 631604.



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "ACCESSING THE DATA EFFICIENTLY USING PREDICTION OF DYNAMIC DATA ALGORITHM" is the bonafide work of " EZHILARASI R (210615205006), MINI D (210615205012), VIVEKA R (210615205022)" who carried out the project work under my supervision.



SIGNATURE

Dr.R.Sabitha

HEAD OF THE DEPARTMENT

INFORMATION TECHNOLOGY

JEPPIAAR INSTITUTE OF TECHNOLOGY

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Ms. ANCY S

SUPERVISOR

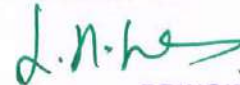
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JEPPIAAR INSTITUTE OF TECHNOLOGY

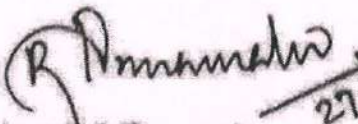
KUNNAM, SUNGUVARCHATRAM,

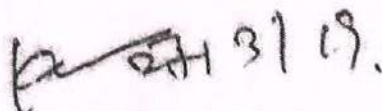

SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY: CHENNAI 600 025

This project report is submitted for viva voice examination to be held on 27 / 03 / 2019.

NAMES	REG. NUMBERS
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27/3/19.
External Examiner

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SRIPERUMBUDUR - 631604.
SRIPERUMBUDHUR, CHENNAI-631 604

**SENTIMENT ANALYSIS OF TWITTER DATA USING
DEEP LEARNING MODIFIED NEURAL NETWORK**

A PROJECT REPORT

Submitted by

JANANIKA.R (210615205009)

PREETHI.K (210615205017)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY : CHENNAI 600 025

MARCH 2019

J.N.K
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SENTIMENT ANALYSIS OF TWITTER DATA USING DEEP LEARNING MODIFIED NEURAL NETWORK" is the bonafide work of "JANANIKA.R (210615205009), PREETHI.K(210615205017)" who carried out the project work under my Supervision.



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This project report is submitted for viva voce examination to be held on
27/03/2019

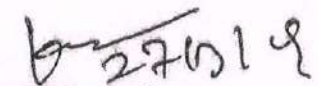
NAMES

REG. NUMBERS

1. JANANIKA.R
2. PREETHI.K

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(210615205017)


Internal Examiner 27/3/19


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JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2016-2017 (EVEN SEMESTER)

CS6811 - PROJECT WORK DETAILS

BATCH: 2013-2017

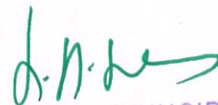
TOTAL STRENGTH : 52

YEAR / SEM : IV / 08

NO OF BATCHES : 20

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	13CSE001	210613104032	PRIYANKA R	RIDE SHARING SCHEME AND CAR POOLING IN AUTONOMOUS VEHICLES
2		210613104038	SANGEETHA R	
3		210613104031	PREETHI P M	
4	13CSE002	210613104007	CHANDRALEKA M	DETECTION OF DISTRIBUTED DOS ATTACKS USING SIPDAS IN CLOUD INFRASTRUCTURE
5		210613104033	PRIYANKA T	
6		210613104009	DIVYA D	
7	13CSE003	210613104029	PAVITHRA M	IMPLEMENTING BRIGHT PASS TO ENHANCE SECURITY IN MOBILE SOCIAL NETWORK
8		210613104018	KAVYASREE V	
9		210613104042	SWETHA C	
10	13CSE004	210613104035	RAJESHWARI MAI T	PERSONALIZED TRAVEL SEQUENCE RECOMMENDATIONS USING MUTI-SOUC E BIG SOCIAL MEDIA
11		210613104014	JEYSRI E	
12		210613104023	MOHANA PRIYA K	
13	13CSE005	210613104019	LAVANYA T	AN EFFECTIVE METHOD TO INCORPORATE TRUSTED NEIGHBORS RECOMMENDATION SYSTEMS
14		210613104043	SWETHA M	
15		210613104001	ANBUMANI M	
16	13CSE006	210613104002	ARUL JOTHI R	SMART INDUSTRIAL HELMET
17		210613104017	KAVITHA R	
18	13CSE007	210613104008	DHIVYA M	AN EFFICIENT BIG DATA BROADCASTING FOR ONLINE TRANSACATION
19		210613104047	VIGNESWARI V	
20	13CSE008	210613104030	PRATHIBA S	AN SDN FRAMEWORK FOR OPTIMAL DEPLO'YMENT OF MAPREDUCE FUNCTIONS IN WSN
21		210613104020	MANISHA PRIYA L	
22	13CSE009	210613104011	INDHUMATHI GK	EFFICIENT BACKUP SERVICES FOR ENTERPRISE CLOUDS
23		210613104002	ASHEBA FERIN S	
24	13CSE010	210613104012	ISHWARYA LAKSHIMI K	MINING USER AWARE RARE SEQUENTIAL TOPIC PATTERNS ON WEB APPLICATION USING MULTIPLE SINGLE SIGN ON
25		210613104005	BETSY SWEETLIN M	
26		210613104040	SCINTHIYA CLARINDA S	
27	13CSE011	210613104004	BERIN J	PASSWORD PROTECTED DTMF AND RELAY BASED MOBILE CONTROLLED HOME AUTOMATION SYSTEM WITH ATMEGA 16 CONTROLLER
28		210613104026	PADMARAJ P	
29		210613104036	RANJITH U	

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
30	13CSE012	210613104006	BHARATH R	GRACE WIPE: SAFE AND SECURABLE FILE UNDER COERCION
31		210613104013	JAYAHAR HARRIS K S	
32	13CSE013	210613104010	HEMANTH P	BIDDING YOUR CLOUD SERVICE MORE THAN PROVIDER
33		210613104025	NAVEENRAJ V	
34		210613104701	NAVEEN S	
35	13CSE014	210613104015	KARIKAL CHOLAN A	ELECTRONIC CONTROLLER USING SMART PHONE
36		210613104016	KARTHI V	
37		210613104044	TRIVIN GANESH S	
38	13CSE015	210613104037	SAKTHIVEL C R	DEDUPLICATION ON ENCRYPTED BIGDATA IN CLOUD
39		210613104039	SARATH KUMAR S	
40		210613104048	VINOTHKUMAR K	
41	13CSE016	210613104045	VENKATAMAHESH E S	SECURELY SHARING PATIENT DETAILS IN CLOUD COMPUTING
42		210613104046	VIGNESHWAR M	
43		210613104302	NIRMAL KUMAR C	
44	13CSE017	210613104301	HARI KRISHNAN	SECURE DATA STORAGE AND DATA REMOTING USING NAS
45		210613104303	PARAMANATHAN S	
46	13CSE018	210613104024	NAVEEN M	SMART PARKING SYSTEM USING AUGMENTED REALITY
47		210613104028	PARTHIBAN A	
48		210613104041	SEEMAN P	
49	13CSE019	210613104021	MANOJ V	SMART INDUSTRIAL ARMOSPHERE USING CLOUD COMPUTING
50		210613104022	MANOJKUMAR M	
51		210613104034	RAJAMURUGAN D	
52	13CSE020	210613104027	PANNEER SELVAM V	WATER LEVEL MONITORING AND AUTOMATION SUPPLY SYSTEM USING ZIGBEE SENSOR WIRELESS NETWORK



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 JEPPIAAR INSTITUTE OF TECHNOLOGY
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 SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "RIDE SHARING SCHEME AND CAR POOLING IN AUTONOMOUS VEHICLES" is the bonafide work of PRIYANKA R(210613104032), SANGEETHA R(210613104038), PREETHI P M(210613104031), who carried out the project work under my supervision.

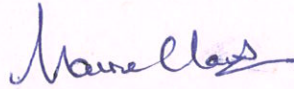


SIGNATURE

Dr.P.C.SENTHIL MAHESH, Ph.D.

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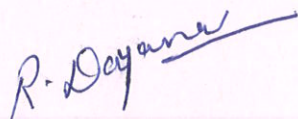
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Sriperumbudur. 631604.

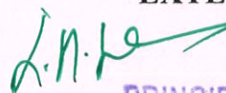
Submitted for the Examination held on 06/04/2017



INTERNAL EXAMINER



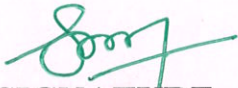
EXTERNAL EXAMINER



PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “**DETECTION OF DISTRIBUTED DOS ATTACKS USING SIPDAS IN CLOUD INFRASTRUCTURE**” is the bonafide work of **CHANDRALEKA M (210613104007), PRIYANKA T (210613104033), DIVYA D (210613104009)**, who carried out the project work under my supervision.

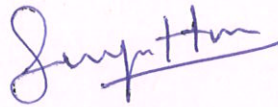


SIGNATURE

Dr.P.C.SENTHIL MAHESH, Ph.D.

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SIGNATURE

Mr.S.MUTHUVEL, M.E.

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Sriperumbudur. 631604.

Submitted for the Examination held on 06/04/2017



INTERNAL EXAMINER



EXTERNAL EXAMINER



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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “IMPLEMENTING BRIGHT PASS TO ENHANCE SECURITY IN MOBILE SOCIAL NETWORK” is the bonafide work of PAVITHRA M (210613104029), KAVYASREE V (210613104018), SWETHA C (210613104042), who carried out the project work under my supervision.



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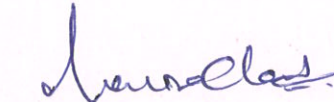
Certified that this project report “PERSONALIZED TRAVEL SEQUENCE RECOMMENDATIONS USING MUTI-SOUCCE BIG SOCIAL MEDIA” is the bonafide work of RAJESHWARI MAI TJ (210613104035), JEYSRI E (210613104014), MOHANA PRIYA K (210613104023), who carried out the project work under my supervision.



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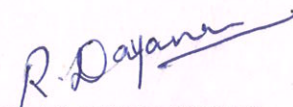


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Certified that this project report "AN EFFECTIVE METHOD TO INCORPORATE TRUSTED NEIGHBORS RECOMMENDATION SYSTEMS" is the bonafide work of LAVANYA T (210613104019), SWETHA M (210613104043), ANBUMANI M (210613104001), who carried out the project work under my supervision.



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Certified that this project report "SMART INDUSTRIAL HELMET" is the bonafide work of **ARUL JOTHI R(210613104002), KAVITHA R (210613104017)** who carried out the project work under my supervision.

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Certified that this project report "AN EFFICIENT BIG DATA BROADCASTING FOR ONLINE TRANSACATION" is the bonafide work of DHIVYA M (210613104008), VIGNESWARI V (210613104047) who carried out the project work under my supervision.



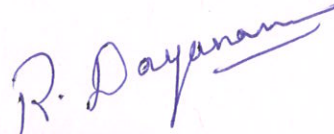
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Certified that this project report "AN SDN FRAMEWORK FOR OPTIMAL DEPLOYMENT OF MAPREDUCE FUNCTIONS IN WSN" is the bonafide work of PRATHIBA S (210613104030), MANISHA PRIYA L (210613104020) who carried out the project work under my supervision.

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Certified that this project report “EFFICIENT BACKUP SERVICES FOR ENTERPRISE CLOUDS” is the bonafide work of **INDHUMATHI GK (210613104011)**, **ASHEBA FERIN S (210613104002)** who carried out the project work under my supervision.

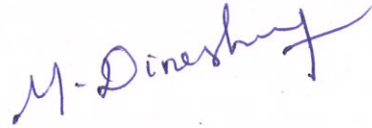


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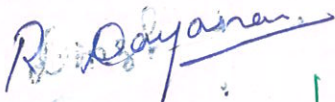
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Certified that this project report “MINING USER AWARE RARE SEQUENTIAL TOPIC PATTERNS ON WEB APPLICATION USING MULTIPLE SINGLE SIGN ON” is the bonafide work of ISHWARYA LAKSHIMI K (210613104012), BETSY SWEETLIN M (210613104005), SCINTHIYA CLARINDA S (210613104040) who carried out the project work under my supervision.

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Certified that this project report “PASSWORD PROTECTED DTMF AND RELAY BASED MOBILE CONTROLLED HOME AUTOMATION SYSTEM WITH ATMEGA 16 CONTROLLER” is the bonafide work of BERIN J (210613104004), PADMARAJ P (210613104026), RANJITH U (210613104036) who carried out the project work under my supervision.



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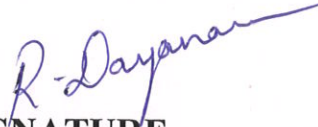
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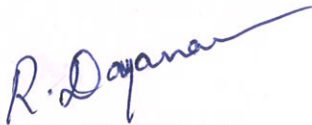
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Certified that this project report “**BIDDING YOUR CLOUD SERVICE MORE THAN PROVIDER**” is the bonafide work of **HEMANTH P (210613104010), NAVEENRAJ V (210613104025), NAVEEN S (210613104001)** who carried out the project work under my supervision.



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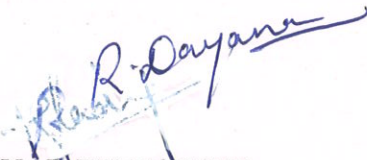
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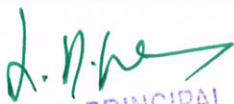
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Certified that this project report “**DEDUPLICATION ON ENCRYPTED BIGDATA IN CLOUD**” is the bonafide work of **SAKTHIVEL C R (210613104037), SARATH KUMAR S (210613104039), VINOCHKUMAR K (210613104048)** who carried out the project work under my supervision.

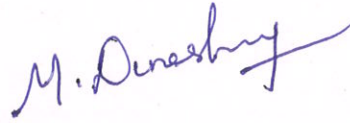


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Certified that this project report "SECURELY SHARING PATIENT DETAILS IN CLOUD COMPUTING" is the bonafide work of VENKATAMAHESH E S (210613104045), VIGNESHWAR M (210613104046), NIRMAL KUMAR C (210613104002) who carried out the project work under my supervision.



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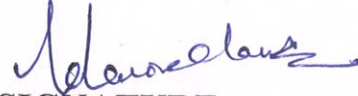
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Certified that this project report "SECURE DATA STORAGE AND DATA REMOTING USING NAS" is the bonafide work of HARI KRISHNAN S (210613104001), PARAMANATHAN S (210613104003) who carried out the project work under my supervision.



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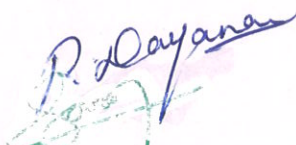
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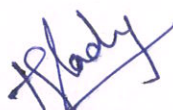
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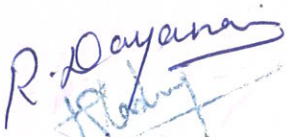


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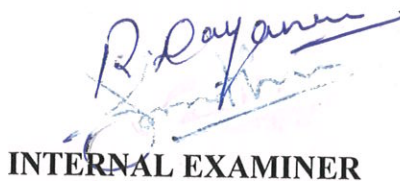
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Certified that this project report “**WATER LEVEL MONITORING AND AUTOMATION SUPPLY SYSTEM USING ZIGBEE SENSOR WIRELESS NETWORK**” is the bonafide work of **PANNEER SELVAM V (210613104027)** who carried out the project work under my supervision.

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JEPPIAAR INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year:2016-2017(Even)

PROJECT WORK DETAILS

Batch:2013-2017
Year/Sem:IV/08

Total Strength:50
Batch:15

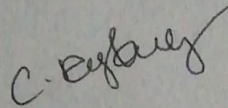
S.No	Batch No.	Reg.number	Team Name	Project Title	Guide Name
1	13EE01	210613105002	ALPHONSE JEWELSHY SIMIRNA A	A MULTIPORT CONVERTER BASED ON DIFFERENT TOPOLOGIES USING RENEWABLE	DR. C. RAJESH KUMAR
2		210613105036	SUSHMITHA L		
3	13EE02	210613105013	JAMAL MOHAMED H	A SOLUTION TO POWER OPTIMISATION TOWARDS INDUSTRIAL DEMAND	MR. F. MAX SAVIO
4		210613105015	JEYAVENKATESH K		
5		210613105035	SUSHEEL S		
6		210613105309	VIJAYAKUMAR.K	USING IoT BASED SMART	
7	13EE03	210613105004	BHARATHI A	GAIT GENERATION WITH SMOOTH TRANSITION FOR VISUALISATION AND GAS DETECTION IN HEXDRAKE	MS. S. PRIYA
8		210613105010	GAJALAKSHMI		
9		210613105034	SUREKHA S		
10		210613105037	SWETHA C H		
11	13EE04	210613105301	AMARNATH P R	A SOLUTION TO SHOOT THROUGH PROBLEM USING ZSI BASED HCC FOR NON-LINEAR DISTRIBUTED SYSTEM	MR. F. MAX SAVIO
12	13EE05	210613105001	ABINASH K	DEVELOPMENT OF NEW AURDINO BASED MPPT	MR. K. JAYAVELU
13		210613105011	HARISH C		
14		210613105019	MANO RANJAN M	METHOD FOR PV GENERATOR USING AKBABA MODEL	
15		210613105038	THAMIZHAZHAGAN M		
16	13EE06	210613105005	BHAVANI C	A HIGH POWER 3 PHASE FREQUENCY RESONANT CONVERTER FOR HEAT	MS. L. PATTATHURANI
17		210613105007	DIVYA JANANI N		
18		210613105024	NANDHINI A		
19	13EE07	210613105009	ETHISH M	AUTOMATIC VEHICLE SPEED CONTROL SYSTEM USING WIFI	MS. P. VINNARASI
20		210613105029	SANJAY KUMAR P		
21		210613105027	RAMA MOHAN G K		
22	13EE08	210613105016	KANIMOZHI L	A ZVS BASED TRANSFORMERLESS MICROINVERTER OPERATED AT COMMON	MR. F. MAX SAVIO
23		210613105017	KAVITHA R		
24		210613105022	MONISHA P		
25		210613105042	VINOTHINI E		
26	13EE09	210613105012	ISAAC SILVIN DASS V	MULTI OBJECTIVE ALGORITHM TECHNIQUE FOR CONJESSION MANAGEMENT	MS. S. PRIYA
27		210613105030	SANTHOSH K S		
28		210613105032	SIVASANKAR S		
29		210613105033	SUJITHKUMAR J		
30	13EE10	210613105018	MAHESH R	A BOOST RESONANT CONVERTER WITH RENEWABLE ENERGY SOURCE FOR HIGH	MS. L. PATTATHURANI
31		210613105031	SARAVANA KUMAR N		
32		210613105040	VIGNESH S		
33	13EE11	210613105303	KARTHIKEYAN.B	AN ARTIFICIAL INTELLIGENT CONTROLLED PHASE	MR. K. JAYAVELU
34		210613105003	ASHOK E		
35		210613105041	VIGNESHWARAN N		
36	13EE12	210613105305	SATHISH KUMAR.G	IMPLEMENTATION OF ZVS BASED INTEGRATED SEPIC COVNERTER FOR	MS. P. VINNARASI
37		210613105026	RAGHUL V		
38		210613105014	JAYAPRAKASH K		
39		210613105039	THIRUKUMARAN G		
40	13EE13	210613105023	NANDHA KUMAR P	A GENERAL CPG NETWORK AND ITS IMPLEMENTATION ON THE MICROCONTROLLER	MR. K. JAYAVELU
41		210613105028	RANJITH KUMAR K		
42		210613105304	REVANTH.B		
43		210613105307	VENKATESAN.A		
44	13EE14	210613105006	DIVYA V	A OPEN SOURCE INTELLIGENT AUTO WAKEUP SOLAR ENERGY HARVESTING SYSTEM FOR SUPER CAPACITOR	MS. L. PATTATHURANI
45		210613105008	DYANA JOSEPHINE A		
46		210613105020	MARIA DOROTHY DEVI E		
47	13EE15	210613105021	MATHINI S	PERFORMANCE ANALYSIS OF BI-DIRECTIONAL DC- DC CONVERTER USING	MR. F. MAX SAVIO
48		210613105308	VIGNESH.P		
49		210613105306	SUNDAR S		
50		210613105302	KARTHICK.G		

J. M. K.

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "GAIT GENERATION WITH SMOOTH VALUE" is the bonafide work of GAJALAKSHMI(210613105010), SUREKHA(210613105034), SWETHA(210613105037) who carried out the project work under my supervision.



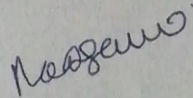
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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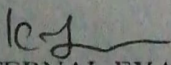
Mr.F.MAX SAVIO

SUPERVISOR

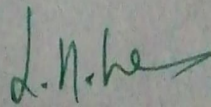
Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 21/4/2016

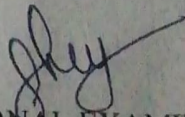


INTERNAL EXAMINER



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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.**



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "A HIGH POWER 3 PHASE FREQUENCY RESONANT CONVERTER FOR HEAT TREATMENT IN STEEL INDUSTRIES" is the bonafide work of BHAVANI 210613105010), ABINBASH210613105034), RAMAMOCHAN(210613105037)who carried out the project work under my supervision.

C. Rajesh

SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
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Sriperumbudur. 631604.

Max Savio

SIGNATURE

Mr.F.MAX SAVIO

SUPERVISOR

Associate Professor

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Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
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Submitted for the Examination held on 11/4/2016

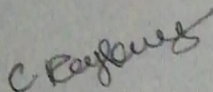
K. I.
INTERNAL EXAMINER

D. N. S.
PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

[Signature]
EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "IMPLEMENTATION OF AUTOMATIC SMART SIDEWALK CLEANER WITH LINE FOLLOWING MECHANISM USING EMBEDDED SYSTEMS" is the bonafide work of VIJAY SRINIVAS S(210612105053), YELESHETTY DEEPA(210612105059), who carried out the project work under my supervision.

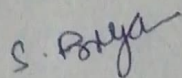

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Dr. RAJESHKUMAR

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.


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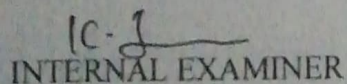
Ms S PRIYA

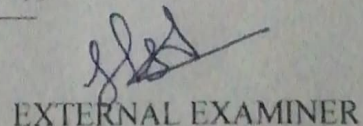
SUPERVISOR

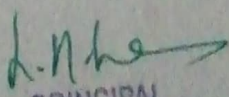
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2016

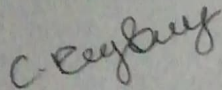

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KUNNAM, SUNGUVARCHATRAM,
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BONAFIDE CERTIFICATE

Certified that this project report "MODIFIED HIGH POWER MULTI LEVEL FLYBACK INVERTER FOR PV APPLICATION" is the bonafide work of NITHYA S(210612105027), SANTHANA LAKSHMI N(210612105040), SURYA M who carried out the project work under my supervision.



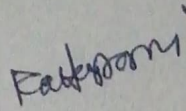
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Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
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Sriperumbudur. 631604.



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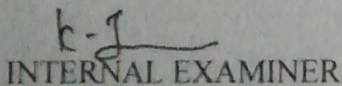
Ms L PATTATHURANI

SUPERVISOR

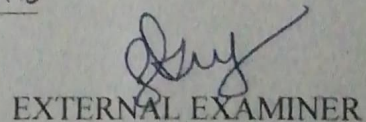
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

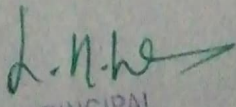
Submitted for the Examination held on 11/4/2016



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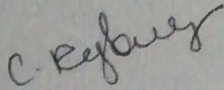
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "SMART WASTE BIN MANAGEMETN SYSTE, USING PIC CONTROLLER" is the bonafide work of KAVIYAPRIYA K(210612105018), ARIVUKKODI N(210612105004), RAMYA T(210612105037) who carried out the project work under my supervision.



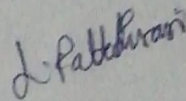
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Dr. RAJESHKUMAR

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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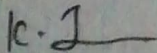
Mrs L PATTATHURANI

SUPERVISOR

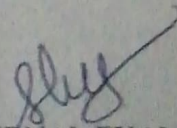
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

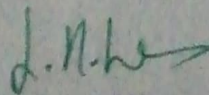
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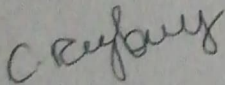
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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "WIRELESS CHARGING OF ELECTRIC VEHICLE" is the bonafide work of BRINDA MANUEL(210612105006), JANSIRANI N(210612105013), THULASI L(210612105049) who carried out the project work under my supervision.



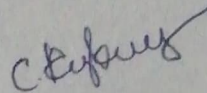
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Dr. RAJESHKUMAR

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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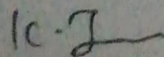
Dr. RAJESHKUMAR

SUPERVISOR

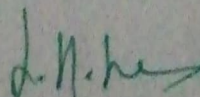
Associate Professor

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Jeppiaar Institute of Technology,
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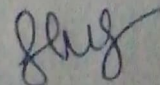


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.**



EXTERNAL EXAMINER

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SMART WASTE BIN MANAGEMETN SYSTE, USING PIC CONTROLLER" is the bonafide work of KAVIYAPRIYA K(210612105018), ARIVUKKODI N(210612105004), RAMYA T(210612105037) who carried out the project work under my supervision.

C. Rajesh Kumar
SIGNATURE

Dr. RAJESHKUMAR

HEAD OF THE DEPARTMENT

Associate Professor

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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

L. Pattathurani
SIGNATURE

Mrs L PATTATHURANI

SUPERVISOR

Assistant Professor

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Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2016

K. I.
INTERNAL EXAMINER

J. N. K.
PRINCIPAL

[Signature]
EXTERNAL EXAMINER

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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



JEPPIAAR INSTITUTE OF TECHNOLOGY

“Self-Belief | Self Discipline | Self Respect”

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2016-2017 (Even Semester)

EC6811 - PROJECT WORK DETAILS

Batch : 2013-2017

Total strength : 90 (A SEC - 45 & B SEC - 45)

YEAR / SEM : IV / 08

No of batches : 26 (A SEC - 12 & B SEC - 14)

S.No	Batch No	Reg.No	Student Name	Title of the Project
1	13ECEA01	210613106004	ANANTHI REETA	SECURITY SYSTEM TO ADAPT IN RAILWAY TRACKS FOR ADDITIONAL SAFETY
2		210613106027	KRIPA.S	
3		210613106037	MONISHA.K	
4	13ECEA02	210613106006	ARCHANA.R	BIG DATA ANALYSIS FOR INDUSTRIAL WIRELESS SENSOR NETWORKS
5		210613106033	MANJU KEERTHANA.U	
6		210613106039	MUTHU KUMARI.V	
7	13ECEA03	210613106012	DIVYA.P	GSM BASED REAL TIME SYSTEM FOR EARLY LANDSLIDE DETECTION AND WARNING
8		210613106013	FAZLEEN.A	
9		210613106014	GAYATHRY.B	
10		210613106029	LEOBEL FRIEDERZ.R.I	

L.N.H.
INSTITUTE OF TECHNOLOGY

S.No	Batch No	Reg.No	Student Name	Title of the Project
11	13ECEA04	210613106021	KANIMOZHIT	IMAGE-OBJECT ORIENTED BIOMETRICS HIDING FOR USER AUTHENTICATION
12		210613106025	KEERTHANA.P	
13		210613106066	SNEHA.E	
14		210613106067	SNEKA.L	
15	13ECEA05	210613106024	KAVITHA.B	ARDUINO BASED AUTOMATIC DETECTION & NOTIFICATION OF PUTHOLES & HUMPS ON ROAD
16		210613106053	PREETHI.M	
17		210613106030	LOGESHWARI.V	
18		210613106072	SUSHMITHA.K.C	
19	13ECEA06	210613106031	MALATHY.M	GSM BASED ENERGY METER WITH AUTOMATED ENABLE & DISABLE SYSTEM
20		210613106047	PAVITHRA.Y	
21		210613106016	GUNABALA.M	
22		210613106077	VERONICA MARIYA KATHRINE.M	
23	13ECEA07	210613106015	GIRIDHARAN.V	FINGER PRINT BASED ATTENDANCE USING ARDUINO WIFI MODULE
24		210613106065	SILAMBARASAN.N	
25		210613106701	UMESH KUMAR.D	
26	13ECEA08	210613106017	GUNASEELAN.M	INSTANT CHARGING USING SUPER CAPACITOR
27		210613106019	JEFFIN DAVID JEYSON	
28		210613106038	MUTHAMILAN.V	
29		210613106063	SHAJU CHRISTO.C	

J.M.K.
PRINCIPAL

S.No	Batch No	Reg.No	Student Name	Title of the Project
30	13ECEA09	210613106023	KARTHICK SHAAARAN.S	ACCIDENT PREVENTION USING ABSTACLE DETECTOR
31		210613106043	NAVEEN PRADEEP.B	
32		210613106048	PRABHAHARAN.S	
33		210613106058	ROHAN.M	
34	13ECEA10	210613106026	KISHORE KUMAR.B	DENSITY BASED AUTOMATIC TRAFFIC CONTROL SYSTEM
35		210613106055	RAJARAM.S	
36		210613106061	SANJAY KUMAR.K.M	
37	13ECEA11	210613106028	KUMARESH.K	CONTROLLING & MONITORING ELECTRICALS OVER IOT
38		210613106050	PRADEEP KUMAR.S	
39		210613106079	VIGNESH.S	
40		210613106301	DEVANANTHAN	
41	13ECEA12	210613106302	JANGAMPWAN KUMAR.R	VOICE CONTROLLED PERSONAL ASSISTANT
42		210613106052	PRAVEEN KUMAR.R	
43		210613106068	SOORIYA RAJAN	
44		210613106073	THALAPATHI.R	



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 KUNNAM, SUNGUVARCHATRAM,
 SRIPERUMBUDUR - 631604.

S.No	Batch No	Reg.No	Student Name	Title of the Project
45	13ECEB13	210613106001	ABARNA.P.G	IMPLEMENTATION OF UNCONSCIOUS BUS LOCATION SENSING SYSTEM WITH SMARTPHONE AND BEACON DEVICES
46		210613106046	PAVITHRA.V	
47		210613106048	PRADEEPA.K	
48	13ECEB14	210613106003	AGASTHIYA.N	HOME AUTOMATION USING RF
49		210613106005	ANUSIYA.R	
50		210613106032	MANISHA.M	
51	13ECEB15	210613106010	DEEPIKA.S	USER ASSOCIATION FOR ENERGY HARVESTING USING D2D COMMUNICATION
52		210613106056	RAKSHANA.P	
53		210613106057	REHAMAD NISHA.B	
54	13ECEB16	210613106011	DEEPTHI RAJ	WATERSHED LEARNING FOR ANAMOLY DETECTION IN DIGITAL MAMMOGRAPHY
55		210613106060	SANDIYA DEVIE	
56		210613106074	VAISHAALI.T	
57	13ECEB17	210613106054	PUSHPA LAKSHMI.V	EMBEDDED BASED SMART, SECURE AND SAFE VECHICLE SYSTEM
58		210613106064	SHRUTHI.P	
59		210613106069	SOWNDARYA.R.P	
60	13ECEB18	210613106035	MONICA.X	ADHERENT RAINDROP MODELLING DETECTION & REMOVAL IN IMAGES
61		210613106036	MONISHA.D	
62		210613106041	NANDHINI.J.V	

(Signature)
PRINCIPAL

S.No	Batch No	Reg.No	Student Name	Title of the Project
63	13ECEB19	210613106071	SUMATHI	SAFE AND ALERT SMART TRAP LOCKER
64		210613106075	VAISHNAVI.V	
65	13ECEB20	210613106007	BALAJI.K	DUAL PURPOSE OFFLINE LED DRIVER FOR ILLUMINATION AND VISIBLE LIGHT COMMUNICATION
66		210613106034	MA TIMUTHU.C	
67		210613106044	NIHALUDEEN.N	
68		210613106078	VIGNESH.D	
69	13ECEB21	210613106008	BALAJI.R	TOXIC GAS DETECTION FOR MINE ENVIRONMENT
70		210613106009	CHENCHU MADHU.V	
71		210613106018	HEMPUSHPAM.A	
72		210613106022	KARTHIKEYAN.D	
73		210613106040	NABIRAJAN.S	
74	13ECEB22	210613106051	PRAVEEN KUMAR.A.V.N	BMI BASED DIET INFORMATION SYSTEM
75		210613106059	ROHIT.D	
76		210613106083	VISHAL.S	
77	13ECEB23	210613106042	NAVEEN.V	A COLLISION DETECTION AND AUTOMATED PULSE MONITORING HELPLINE SYSTEM
78		210613106080	VIJAY PRASATH.D	
79		210613106082	VINOTH CHANDER	

(Handwritten signature)

S.No	Batch No	Reg.No	Student Name	Title of the Project
80	13ECEB24	210613106045	NITHISH.M	ARDUINO BASED WEARABLE LANDMINE DETECTOR
81		210613106062	SENTHIL KUMAR.V	
82		210613106081	VIMALRAJ.S	
83		210613106305	SHYAN DEB	
84	13ECEB25	210613106070	SUDHAN.M	FECHING THE PERSONAL DATABASE USING WIRELESS COMMUNICATION THROUGH BIOMETRIC AUTHENTICATION
85		210613106076	VASIGAR DEVANEYAN	
86		210613106303	KOWDILYAN	
87	13ECEB26	210613106002	AFSA SANS GREAT.P	HUMAN IDENTIFICATION BY EAR DETECTION
88		210613106020	KALPANA.M	
89		210613106304	LAVANYA CHRISTY	
90		210613106702	RUFINA.J	

1. *[Signature]*
2. *[Signature]*

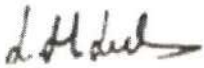
PROJECT COORDINATOR

[Signature]
HOD

PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "SECURITY SYSTEM TO ADAPT IN RAILWAY TRACKS FOR ADDITIONAL SAFETY" is the bonafide work of ANANTHI REETA (210613106004), KRIPA.S (210613106027) and MONISHA.K (210613106037) who carried out the project work under my supervision.



SIGNATURE

Ms.L.M.Merlin Livingston, M.E., (Ph.D.)

HEAD OF THE DEPARTMENT

ASSOCIATE PROFESSOR

Electronics & Communication Engineering

Jeppiaar Institute of Technology

Sriperumbudur

Chennai – 631 604.



SIGNATURE

Ms.W.Nancy.,M.E

SUPERVISOR

ASSISTANT PROFESSOR

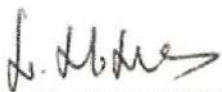
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Chennai – 631 604.

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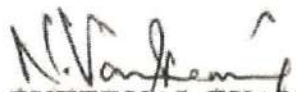


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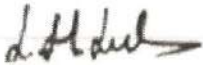


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BONAFIDE CERTIFICATE

Certified that this project report “**BIG DATA ANALYSIS FOR INDUSTRIAL WIRELESS SENSOR NETWORKS**” is the bonafide work of **ARCHANA.R (210613106006)**, **MANJU KEERTHANA.U (210613106033)**, and **MUTHU KUMARI.V (210613106039)** who carried out the project work under my supervision.



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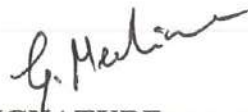
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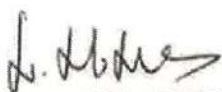
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Certified that this project report “GSM Based Real Time System for Early Landslide Detection and Warning” is the bonafide work of DIVYA.P (210613106012), FAZLEEN.A (210613106013), GAYATHRY.B (210613106014) and LEOBEL FRIEDERZ.R.I (210613106029) who carried out the project work under my supervision.



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Mr.K.Arun Kumar.,M.E.,

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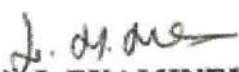
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Certified that this project report “**IMAGE-OBJECT ORIENTED BIOMETRICS HIDING FOR USER AUTHENTICATION**” is the bonafide work of **KANIMOZHI T (210613106021), KEERTHANA P (210613106025), SNEHA E(210613106066) and SNEKA L (210613106067)**who carried out the project work under my supervision.

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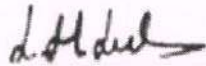
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Certified that this project report “**ARDUINO BASED AUTOMATIC DETECTION AND NOTIFICATION OF POTHOLFS AND HUMS ON ROAD**” is the bonafide work of **KAVITHA B (210613106024), LOHESHWARI V (210613106030), PREETHI M (210613106053)** and **SUSMITHA K C (210613106072)** who carried out the project work under my supervision.



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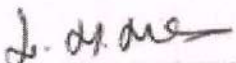
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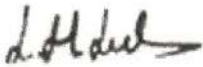


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Certified that this project report “GSM BASED ENERGY METER READINGS WITH AUTOMATED ENABLE AND DISABLE SYSTEM” is the bonafide work of GUNABALA M(210613106016), MALATHI M B(210613106031), PAVITHRA Y(210613106047) and VERONIKA MARIYA KATHERINE M (210613106077)who carried out the project work under my supervision.



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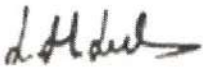
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Certified that this project report “**FINGER PRINT BASED ATTENDANCE USING ARDUINO WIFI MODULE**” is the bonafide work of **GIRIDHARAN.V (210613106015)**, **SILAMBARASAN.N (210613106065)**, and **UMESH KUMAR.D (210613106701)** who carried out the project work under my supervision.



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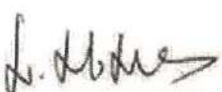
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Certified that this project report "INSTANT CHARGING USING SUPER CAPACITOR" is the bonafide work of GUNASEELAN.M (210613106017), JEFFIN DAVID JEYSON (210613106019), MUTHAMILAN.V(210613106038) and SHAJU CHRISTO.C (210613106063) who carried out the project work under my supervision.

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Certified that this project report "ACCIDENT PREVENTION USING OBSTACLE DETECTOR" is the bonafide work of KARTHIK SHAARAN S (210613106023), NAVEENPRADEEP B(210613106043), PRABHAHARAN S(210613106048)and ROHAN M (210613106058)who carried out the project work under my supervision.


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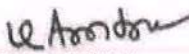
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Mr.K.ARUN KUMAR,M.E.,(Ph.D)

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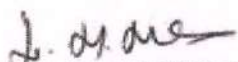
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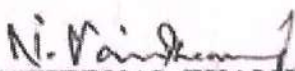
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Certified that this project report “**DENSITY BASED AUTOMATIC TRAFFIC CONTROL SYSTEM**” is the bonafide work of **KISHORE KUMAR.B (210613106026)**, **RAJARAM.S (210613106055)** and **SANJAY KUMAR.K.M (210613106061)** who carried out the project work under my supervision.

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Certified that this project report “**CONTROLLING AND MONITORING ELECTRICALS OVER INTERNET(IoT)**” is the bonafide work of **V.DEVANATHAN (210613106301), KUMARESH K (210613106028), PRADEEP KUMAR S (210613106050)** and **VIGNESH S (210613106079)** who carried out the project work under my supervision.

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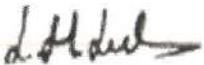
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Certified that this project report "VOICE CONTROLLED PERSONAL ASSISTANT" is the bonafide work of JANGAM PWAN KUMAR.R (210613106302), PRAVEEN KUMAR.R (210613106052), SOORIYA RAJAN (210613106068) and THALAPATHI.R (210613106073) who carried out the project work under my supervision.



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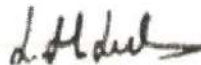
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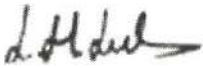
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Certified that this project report “IMPLEMENTATION OF UNCONSCIOUS BUS LOCATION SENSING SYSTEM WITH SMARTPHONE DEVICES AND BLUETOOTH MODULE” is the bonafide work of ABARNA.P.G (210613106001), PAVITHRA.V (210613106046) and PRADEEPA.K (210613106048) who carried out the project work under my supervision.



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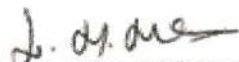
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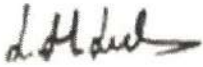
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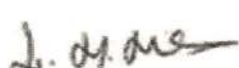
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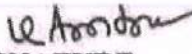
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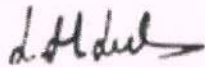

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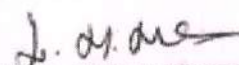
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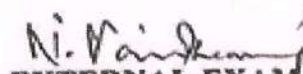
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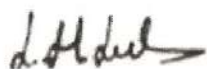
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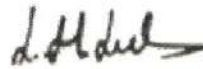
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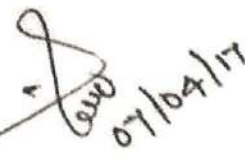
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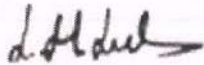
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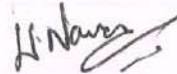
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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2016-2017 (EVEN SEMESTER)

ME6811 - PROJECT WORK DETAILS

BATCH: 2013-2017

TOTAL STRENGTH : 131

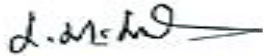
YEAR / SEM : IV / 08

NO OF BATCHES : 39

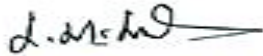
S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
1	A1	210613114011	ARIVUSELVAN R	Design of piping system using expansion loops
2		210613114013	ARUN KUMAR D	
3		210613114021	BALAMURUGAN V	
4		210613114076	PRABHU K	
5	A2	210613114008	ANAND S	Experimental investigation of flame stabilization and blowout on methane air combustion using porous metal foam flame holder
6		210613114037	GOPINATH S	
7		210613114079	PRAVEEN KUMAR R	
8	A3	210613114026	DAVID LAMINGTON KOILRAJ L	Nano particles based semi synthetic cutting fluid for minimum lubrication
9		210613114073	NOAH RAJAN J	
10	A4	210613114030	DINESH KUMAR R	Mechanical properties of aluminium alloy material using friction stir welding
11		210613114086	RUBAN KUMAR A	
12	A5	210613114009	ANKIT AGARWAL R	Studies on analysis of economizer performance in 210 MW boiler
13		210613114022	BARANEE DHARAN M	
14		210613114043	INFANT THARIC S	
15		210613114310	JENIFER KING D	
16	A6	210613114077	PRADEEP M	Experimental investigation on new catalytic convertor based on Zinc
17		210613114109	VIGAASH G	
18		210613114112	VINAYAGAM A	
19		210613114315	RISHIKUMAR M	
20	A7	210613114004	AJITH KUMAR D	Study of tribological

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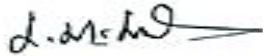
21		210613114007	ALEX PAUL P C	behaviour of AiSi D2 steel
22		210613114049	JOSEPH MILTON J	
23		210613114104	SUGEERDHAN R	
24	A8	210613114050	JOSHUA J	Water in bio diesel emulsion fuel emission evaluation
25		210613114052	KARTHIKEYAN U	
26		210613114055	KISHORRE D V	
27		210613114059	MANIMARAN N	
28	A9	210613114065	MUNISH KUMAR K	Compressed air engine vehicle
29		210613114069	NARENDRAN R	
30		210613114070	NAVEEN V	
31	A10	210613114001	AADITHYAN K	Automatic wheel chair for physically challenged persons
32		210613114106	SURESHKUMAR M	
33		210613114314	PRATHEEP K M	
34		210613114301	ALFRED MATHEW E	
35	A11	210613114047	JAYAPRAKASH C	Effect of coolant and precooling at sub-zero temperature on surface roughness and chip morphology during machining process
36		210613114088	SAI GANESH P	
37		210613114114	VISHALJOHN S	
38		210613114115	VISHNU KUMAR G	
39	A12	210613114091	SARATH KUMAR K	Design and fabrication of automatic gear shifting mechanism for two wheeler
40		210613114046	JAYAKUMAR R	
41		210613114084	RANJEETH G V	
42	A13	210613114092	SATHISH KUMAR K	Effect of EGR and injection timing on emission and performance of diesel engine blended with octanol
43		210613114094	SELVAM D	
44		210613114096	SENTHIL KUMAR K	
45	B1	210613114024	BENCLINTON BS	Fabrication of vertical folding bicycle
46		210613114042	IMMANUEL JENISON D	
47		210613114101	SIVARAJAN R	


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48		210613114074	PALANIVELRAJAN S	
49	B2	210613114044	IRFAN BASHA A	Performance, combustion and emission of lignin derived aromatic oxigenates in a light duty diesel engine
50		210613114048	JEEVA K	
52		210613114051	KALIRAJ A	
52		210613114067	NANTHA KISHORE S	
53	B3	210613114089	SANTHOSH KUMAR B	Design and assembly of sliding mechanism used in cover drilling machine
54		210613114305	AZHAGARAN M	
55		210613114309	JAMBULINGAM N	
56		210613114701	YUVAN KUMAR M	
57	B4	210613114095	SENTHAMIZH SELVAN G	Weight optimization of hopper in electrostatic precipitator
58		210613114098	SHREERAAM S	
59		210613114102	SOWMYANARAYANAN D	
60		210613114108	VASANTHA KUMAR G	
61	B5	210613114081	RAGHUL S	Productivity increase in curing process of brake lining
62		210613114083	RANJAN V	
63		210613114308	GOWRISANKAR T	
64	B6	210613114019	BAALACHANDHAR G	Configuration and design of PSO-XL handling and assembly system
65		210613114023	BASKAR K	
66		210613114035	GOKUL K	
67		210613114075	PRABAKARAN E	
68	B7	210613114005	AKILANDESHWARAN M	Automation of material handling system in shearing machine
69		210613114110	VIGNESH P	
70		210613114303	ARAVIND S	
71		210613114311	KAVI BHARATHI S	
72	B8	210613114060	MARTIN RAJA J	Study of membrane based sewage treatment plant
73		210613114116	VIVEK T	


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74	B9	210613114033	ESWAR RAJ R	Study of plastic recycling
75		210613114103	SUDHA RAMANAN M	
76		210613114117	YUVARAJ K	
77		210613114036	GOKULNATH S	
78	B10	210613114020	BALAKUMARAN J	Combustion and performance characteristics of n-Octanol using Variable Compression Ratio diesel engine
79		210613114034	GOGULNATH M	
80		210613114072	NIRMAL RAJ J	
81		210613114113	VINOD KUMAR V	
82	B11	210613114015	ARUN KUMAR R	Solar powered water lifter using giant wheel method
83		210613114062	MOHAMED SHAFEEQ A	
84		210613114099	SIVA KUMAR M	
85	B12	210613114078	PRAVEEN KUMAR A	Torsional trailing arm independent suspension (TTI)
86	B13	210613114085	ROHIT M	Study of tribological behaviour of PVD coated and uncoated HSS production tool
87		210613114017	ASHOK E	
88		210613114066	MURALIDHARAN M	
89	C1	210613114003	ABRAHAM SWINGTON F	Influence of EDM process parameter in hole drilling of stainless steel
90		210613114038	GOWTHAM N	
91		210613114041	HARIHARASUDHAN G	
92		210613114014	ARUN KUMAR NI	
93	C2	210613114093	SATHISH KUMAR M	Experimental and numerical simulation of bluff body flames using single ring V-Gutter
94		210613114302	ANTOMATHAN S	
95		210613114306	BALAJI M	
96		210613114312	LOGESH S	
97	C3	210613114002	ABISHAHAR GEO JUDSON S	Experimental investigation of mechanical properties of
98		210613114010	ARAVINDH B	

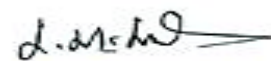

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99		210613114090	SANTHOSH KUMAR S B	TIG welded dissimilar metals
100		210613114100	SIVANESAN G	
101	C4	210613114006	AKSHAY THOMAS OOMMEN	Optimization of funnel in electrostatic precipitator
102		210613114012	ARUN V	
103		210613114029	DINESH R	
104	C5	210613114025	BENIN VIJO DAVID S	Study of wear characteristics of aluminium alloy with metal matrix composites
105		210613114032	EMAYAVARMAN R	
106		210613114045	JASWANTH S	
107		210613114063	MOHAN KUMAR C	
108	C6	210613114028	DHINESH K	Study of engine port leak test
109		210613114039	HARIBASKER T	
110		210613114053	KAVIN R	
111		210613114105	SUNNY JOSE C	
112	C7	210613114031	EDISON E	Reverse gear mechanism in two wheeler for physically challenged people
113		210613114054	KENSON V	
114		210613114061	MOGESH KUMAR S	
115		210613114064	MONESH KUMAR ER	
116	C8	210613114056	LESLEY JACOB MATHEW C	Study of material optimization of disc brake
117		210613114058	MANI KHANTHAN K	
118		210613114087	SABARISH K	
119		210613114080	PUVANESWARA SIRANJEEVI M	
120	C9	210613114097	SHANMUGAVEL S	Maintenance of ABG and slag conveyer in 210 MW boiler
121		210613114307	GOKULNATH V	
122		210613114313	MOHANRAJ V	
123	C10	210613114016	ASHIF AHAMED M	Design and fabrication of prototype cryogenic engine

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124	C11	210613114018	ASTIL A	Study on the effect of mechanical properties of Al-Mg Silicon-Agro waste ash reinforced composite material
125		210613114040	HARIHARAN T	
126	C12	210613114027	DEEPAK B	Experimental validation of mechanical properties of low carbon and carburized steel at sub-zero temperature
127		210613114068	NARAYANA MOORTHY U	
128		210613114082	RAJESHKUMAR S	
129		210613114304	ARUN C	
130	C13	210613114071	NAVIN KUMAR V	Elimination of positive infinitely variable (PIV) in gear box in hobbing machine
131		210613114111	VIJAY K	



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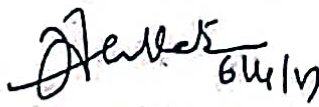
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06-04-2017



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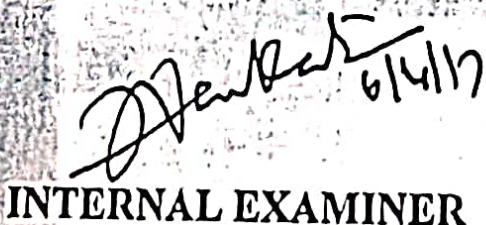

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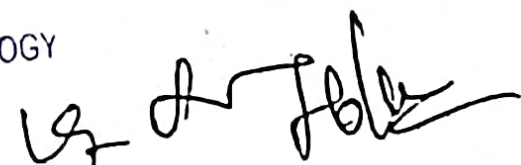

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Submitted For the Examination Held on 06/04/2017


INTERNAL EXAMINER 6/4/17


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "STUDY OF MEMBRANE BASED SEWAGE TREATMENT PLANT" is the bonafide work of "J.MARTIN RAJA (201613114060), T.VIVEK (2106131140116), who carried out the project work under my supervision.


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Dr. T.VENKATAMUNI, PH.D.,
HEAD OF THE DEPARTMENT


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Chennai-631 604

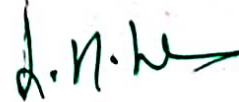

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Submitted For the Examination Held on 06/04/2017


INTERNAL EXAMINER


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Certified that this project report "CONFIGURATION AND DESIGN OF PS0-XL HANDLING AND ASSEMBLY SYSTEM" is the bonafide work of "G.BAALACHANDAR, K.BASKAR, K.GOKUL, E.PRABAKARAN" who carried out the project work under my supervision.


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Dr. T. Venkatamuni, M.Tech., Ph.D
HEAD OF THE DEPARTMENT

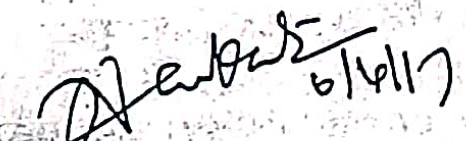
Dr. T. Venkatamuni, M.Tech., Ph.D
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06/04/2017


INTERNAL EXAMINER


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KUNNAM, SUNGUVARCHATRAM,
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ANNA UNIVERSITY:: CHENNAI 600 025

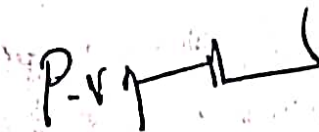
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Dr. T. Venkatamuni, Ph.D.,

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INTERNAL EXAMINER


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KUNNAM, SUNGUVARCHATRAM,
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Certified that this project report "Combustion and performance characteristics of n-Octanol using Variable Compression Ratio Diesel Engine" is the bonafide work of "BALAKUMARAN.J, GOGULNATH.M, NIRMALRAJ.J, and VINODKUMAR.V" who carried out the project work under my supervision.


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Dr. T. Venkatamuni, M.Tech., Ph.D
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Sriperumbudur
Chennai - 631 604

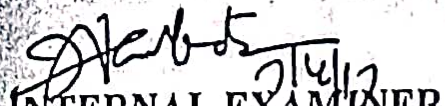

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S. Boopathi, M.E.,
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Submitted for the Examination held on

07/04/2017


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

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Certified that this project report "FABRICATION OF VERTICAL FOLDING BICYCLE" is the bonafide work of "B.S.BENCLINTON (210613114024), D.IMMENUEL JENISON(210613114042), S.PALANIVELRAJAN (210613114074), R.SIVARAJAN (210613114101) who carried out the project work under my supervision.


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Dr. T. VENKATAMUNI Ph.D
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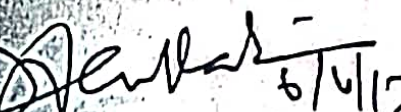
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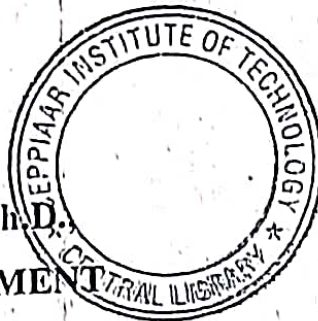
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Certified that this project report "DESIGN AND ASSEMBLY OF SLIDING MECHANISM USED IN COVER DRILLING MACHINE" is the bonafide work of "B. SANTHOSH KUMAR (210613114089), M. AZHAGARASAN (210613114305), N. JAMBULIGAM (210613114309), and M. YUVANKUMAR (210613114701)" who carried out the project work under my supervision.


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6/4/17

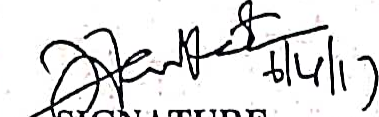

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SRIPERUMBUDUR - 631604


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Certified that this project report "PERFORMANCE, COMBUSTION AND EMISSION OF LIGNIN DERIVED AROMATIC OXYGENATES IN A LIGHT DUTY DIESEL ENGINE" is the bonafide work of "A.IRFAN BASHA (210613114044), K.JEEVA (210613114048), A.KALIRAJ (210613114051), S.NANTHAKISHORE (210613114067)" who carried out the project work under my supervision.


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Dr. T. VENKATAMUNI Ph.D.,
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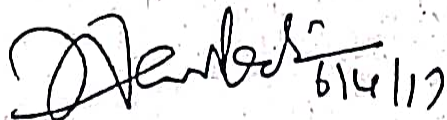
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Chennai - 631 604



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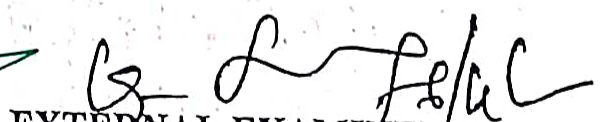
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Submitted for the Examination held on 06.04.2017


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SRIPERUMBUDUR - 631604.

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Certified that this project report "PRODUCTIVITY INCREASE IN TURNING PROCESS OF BRAKE LINING" is the bonafide work of RAGHUL.S (210613114081), RANJAN.V (210613114083), GOWRI SANKAR.T (210613114308)" who carried out the project work under my supervision.


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Submitted For the Examination Held on 6/4/2017


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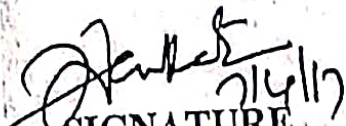

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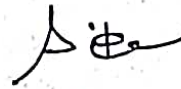
BONAFIDE CERTIFICATE

Certified that this project report "ELIMINATION OF POSITIVE INFINITELY VARIABLE (PIV) IN GEAR BOX IN HOBBING MACHINE" is the bonafide work of "V. NAVIN KUMAR and K. VIJAY" who carried out the project work under my supervision.


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Dr. T. Venkatamuni, Ph.D.
HEAD OF THE DEPARTMENT

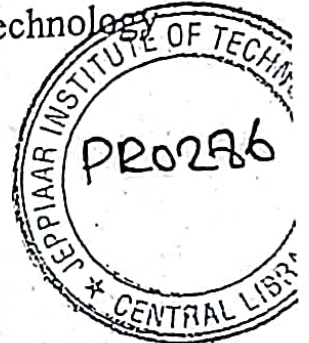
Mechanical Engineering
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Sriperumbudur
Chennai - 631 604



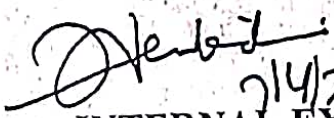
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Mr. S. KANNAN, M.E.,
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Submitted for the Examination held on 07/04/2017


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SRIPERUMBUDUR - 631604.

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Certified that this project report "SOLAR POWERED WATER LIFTER USING GIANT WHEEL METHOD" is the bonafide work of R.ARUN KUMAR (210613114015), A.MOHAMED SHAFEEQ (210613114062), MSIVA KUMAR (210613114099) who carried out the project work under my supervision.



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Dr. T. VENKATAMUNI, PH.D.,
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Ms. S.AISHWARYA, M.E,
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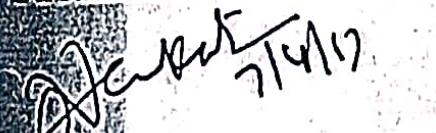
Mechanical engineering

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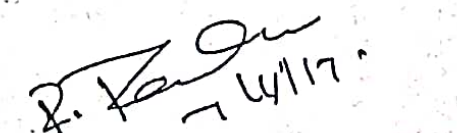
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BONAFIDE CERTIFICATE

Certified that this project report "STUDY OF PLASTIC RECYCLING" is the bonafide work of "R.ESWAR RAJ, S.GOKULNATH, M.SUDHA RAMANAN and K.YUVARAJ" who carried out the project work under my supervision.


SIGNATURE

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Submitted for the Examination held on 07-04-2017.


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "INFLUENCE OF EDM PROCESS PARAMETR IN HOLE DRILLING OF STAINLESS STEEL" is the bonafide work of "F.ABRAHAM SWINGTON, N.I.ARUN KUMAR, N.GOWTHAM and G.HARIHARASUDHAN" who carried out the project work under my supervision.


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Dr. T. Venkatamuni, M.Tech., Ph.D
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Submitted for the Examination held on

7/4/17


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KUNNAM, SUNGUVARCHATRAM,
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Certified that this project report "STUDY OF ENGINE PORT LEAK TEST" is the bonafide work of "K. DHINESH (210613114028), HARIBASKER (210613114039), R. KAVIN (210613114053), and SUNNYJOSE (210613114105)" who carried out the project work under my supervision.


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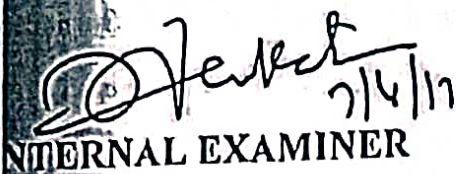
T. VENKATAMUNI Ph.D.,
HEAD OF THE DEPARTMENT

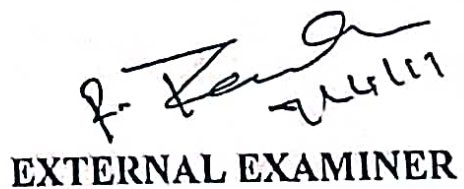
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Jeppiaar Institute of Technology
Sriperumbudur
Chennai-631 604.

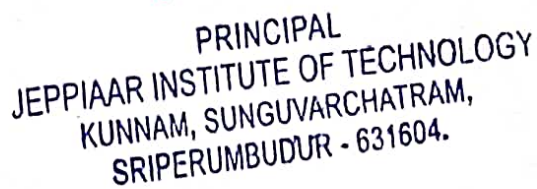

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Mr. J. RAVIKUMAR M.E.,
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Submitted For the Examination Held on 07-04-2017


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KUNNAM, SUNGUVARCHATRAM,
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Certified that this project report "EXPERIMENTAL INVESTIGATION OF MECHANICAL PROPERTIES OF TIG WELDED DISSIMILAR METALS" is the bonafide work of "ABISHAHAR JEO JUDSON.S (210613114002), ARAVINDH.B (210613114010), SANTHOSHKUMAR.S.B (210613114090), SIVANEASN.G (210613114100)" who carried out the project work under my supervision.


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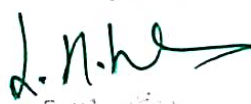

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S. ARUN, M.E.,
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INTERNAL EXAMINER


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Certified that this project report "OPTIMIZATION OF FUNNEL IN ELECTROSTATIC PRECIPITATOR" is the bonafide work of "AKSHAY THOMAS OOMMEN (201613114006), V. ARUN (210613114012), and R. DINESH (210613114029) who carried out the project work under my supervision.



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Dr. T. VENKATAMUNI Ph.D.,
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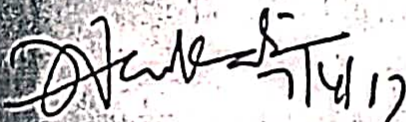
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Submitted for the examination held on 07.04.2017



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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

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Certified that this project report "STUDY OF MATERIAL OPTIMIZATION OF DISC BRAKE A PROJECT REPORT" is the bonafide work of LESLY JACOB MATHIEW (210613114056), MANI KHANTHAN.K (210613114058), PUVANESWARASIRANJEEVI.M (210613114080) and SABARISH.K (210613114089) who carried out the project work under my supervision.


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Dr. T. VENKATAMUNI Ph.D.,
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PROFESSOR

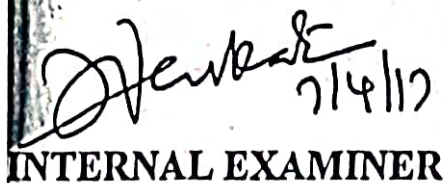
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Sriperumbudur
Chennai-631 604.

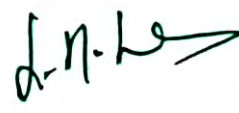

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INTERNAL EXAMINER


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SRIPERUMBUDUR - 631604.


EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report **REVERSE GEAR MECHANISM IN TWO WHEELER FOR PHYSICALLY CHALLENGED PEOPLE** is the bonafide work of **E.EDISON, V.KENSON, S.MOGESH KUMAR** and **E.R.MONESH KUMAR** who carried out the project work under my supervision.


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Dr. T. Venkatamuni, Ph.D.
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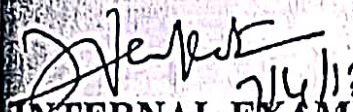
Mechanical Engineering
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Mr. S. KANNAN, M.E.,
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INTERNAL EXAMINER


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BONAFIDE CERTIFICATE

Certified that this project report "EXPERIMENTAL AND NUMERICAL SIMULATIN OF BLUFF BODY FLAMES USING SINGLE RING V-GUTTER" is the bonafide work of "SATHISH KUMAR.M, ANTO MATHAN.S, BALAJI .M AND LOGESH. S" who carried out the project work under my supervision.


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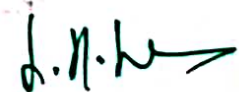
Sriperumbudur


Chennai - 631 604

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INTERNAL EXAMINER


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JEPIAAR INSTITUTE OF TECHNOLOGY
RUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "STUDY OF WEAR CHARACTERISTICS OF ALUMINIUM ALLOY WITH METAL MATRIX COMPOSITES" is the bonafide work of "S.BENIN VIJO DAVID(210613114025),R.EMAYAVARMAN(210613114032), S.JASWANTH(210613114045),C.MOHAN KUMAR(210613114063)" who carried out the project work under my supervision.


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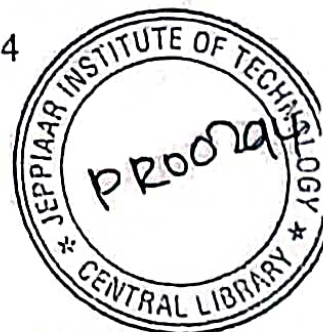
Dr. T. Venkatamuni Ph.D.,
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P. Vijayasarithi, M.E.,
SUPERVISOR
ASSISTANT PROFESSOR



Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudhur
Chennai – 631 604



Submitted for the Examination held on 7.4.17.


INTERNAL EXAMINER

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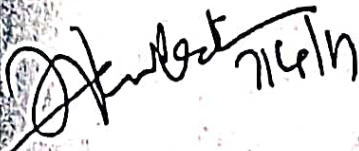
 
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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
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ANNA UNIVERSITY: CHENNAI 600 025

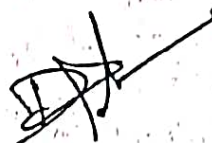
BONAFIDE CERTIFICATE

Certified that this project report "MAINTENANCE OF ABG AND SLAG CONVEYOR IN 210MW BOILER" is the bonafide work of "S.SHANMUGAVEL, V.GOKULNATH, V.MOHANRAJ" who carried out the project work under my supervision.



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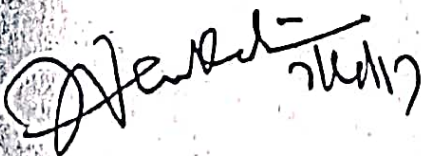
Dr.T.Venkatamuni, M.Tech., Ph.D.,
Head of The Department
Mechanical Engineering,
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D.Christopher selvam, M.E.,
Assistant Professor
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Jeppiaar Institute of Technology
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Submitted for the Examination held on.....7/14/17.....



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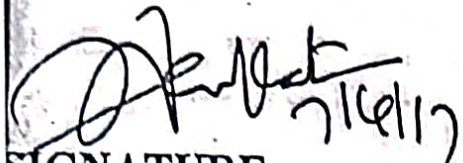
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



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BONAFIDE CERTIFICATE

Certified that this project report "STUDY ON THE EFFECTS OF MECHANICAL PROPERTIES OF Al-Mg-Si AGRO WASTE ASH REINFORCED COMPOSITE MATERIAL" is the bonafide work of 'ASTILA (210613114018), HARIHARAN.T (210613114040)" who carried out the project work under my supervision.



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Dr. T. Venkatamuni, Ph.D.,
HEAD OF THE DEPARTMENT
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai - 631 604



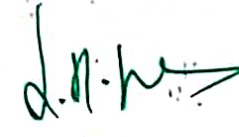
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D.ChristopherSelvam M.E.,
SUPERVISOR
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai - 631 604


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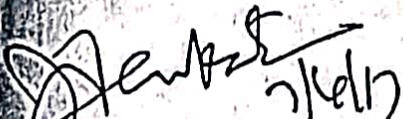
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



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Certified that this project report "DESIGN AND FABRICATION OF PROTOTYPE CRYOGENIC ENGINE" is the bonafide work of "M.ASHIF AHAMED (210613114016), who carried out the project work under my supervision.



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Dr. T.VENKATAMUNI, PH.D.,
HEAD OF THE DEPARTMENT

Mechanical engineering
Jeppiaar institute of technology
Sriperumbudur
Chennai-631 604

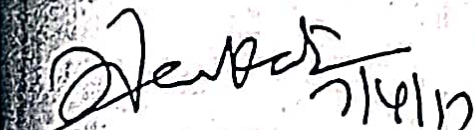


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Mr. N.BALAJI, M.E,
SUPERVISOR
ASSOCIATE PROFESSOR

Mechanical engineering
Jeppiaar institute of technology
Sriperumbudur
Chennai-631 604

Submitted For the Examination Held on 7/4/17




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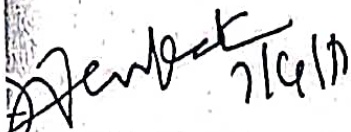
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



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BONAFIDE CERTIFICATE

Certified that this project report "EXPERIMENTAL VALIDATION ON MECHANICAL PROPERTIES OF LOW CARBON AND CARBURIZED STEEL AT SUB-ZERO TEMPERATURE" is the bonafide work of "Mr.R.Devanathan" who carried out the project work under my supervision.


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Dr. T. Venkatamuni, M.Tech.,Ph.D
HEAD OF THE DEPARTMENT

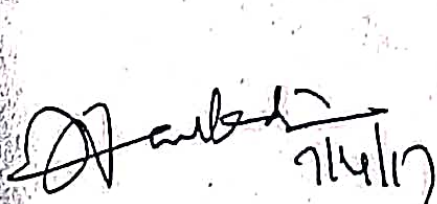
Mechanical Engineering
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Mr.R.Devanathan M.Tech,
SUPERVISOR
ASSISTANT PROFESSOR

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Jeppiaar Institute of Technology
Sriperumbudur
Chennai - 631 604


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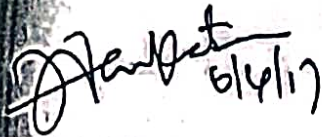
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BONAFIDE CERTIFICATE

Certified that this project report "EFFECTS OF COOLANT AND PRE-COOLING ON AT SUB-ZERO TEMPERATURE ON SURFACE ROUGHNESS AND CHIP MORPHOLOGY DURING MACHINING PROCESS." is the bonafide work of C. JAYAPRAKASH (210613114047), P. SAI GANESH (210613114088), S. VISHAL JOHN (210613114114), G.VISHNU KUMAR (210613114115) who carried out the project work under my supervision.



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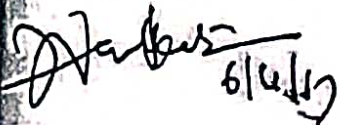
Dr. T. VENKATAMUNI, Ph.D.,
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Mr.R. DEVANATHAN, M.Tech.,
ASSISTANT PROFESSOR
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Sriperumbudur
Chennai-631 604.

Submitted For the Examination Held on 06/04/17

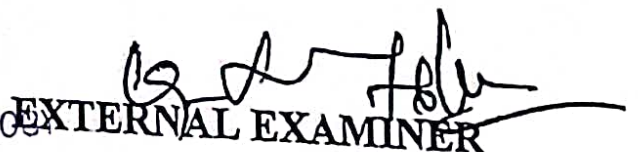


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



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Certified that this project report "MECHANICAL PROPERTIES OF ALUMINIUM ALLOY MATERIAL USING FRICTION STIR WELDING" is the bonafide work of "R. DINESH KUMAR(210613114030), A. RUBAN KUMAR(210613114086)" who carried out the project work under my supervision.

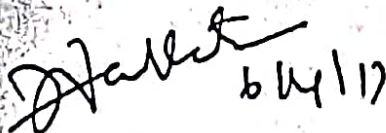

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Dr.T.VENKATAMUNI, Ph.D.,
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Sriperumbudur
Chennai - 631 604 .

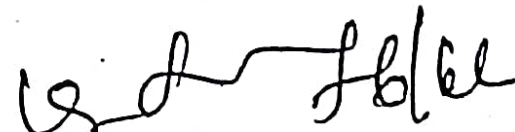

SIGNATURE

Mr. S. KANNAN, M.E.,
ASSISTANT PROFESSOR
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Jeppiaar Institute of Technology
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Chennai - 631 604 .

Submitted for the project viva voice held on 6-4-2017


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Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC GEAR SHIFTING MECHANICMS FOR TWO WHEELERS" is the bonafide work of "R. JAYAKUMAR, G.V. RANJEETH, K. SARATH KUMAR" who carried out the project work under my supervision.


SIGNATURE


Dr. T. Venkatamuni Ph.D.,


HEAD OF THE DEPARTMENT
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Jeppiaar Institute of Technology
Sriperumbudur
Chennai – 631 604

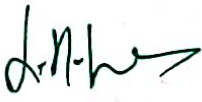

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Mr. N. Balaji M.E.,
SUPERVISOR
ASSISTANT PROFESSOR
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Jeppiaar Institute of Technology
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Chennai – 631 604

Submitted for the Examination held on 7.4.17.


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Certified that this project report "EXPERIMENTAL INVESTIGATION OF NEW CATALYTIC CONVERTER BASED ON ZINC" is the bonafide work of PRADEEP.M, VIGAASH.G, VINAYAGAM.A, and RISHI KUMAR.M" who carried out the project work under my supervision.



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Dr. T. Venkatamuni, M.Tech., Ph.D
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Submitted for the Examination held on 06/04/2017



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Certified that this project report "COMPRESSED AIR ENGINE VEHICLE" is the bonafide work of "K.MUNISH KUMAR(210613114065), R.NARENDRAN(210613114069) and V.NAVEEN (210613114070)" who carried out the project work under my supervision.


SIGNATURE

Dr. T. Venkatamuni, Ph.D.,

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Chennai - 631 604


SIGNATURE

Mr. D. Christopher Selvam, M.E.,

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ASSISTANT PROFESSOR

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Jeppiaar Institute of Technology

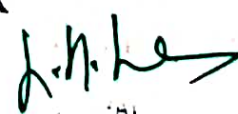
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Certified that this project report "WATER IN BIO-DIESEL EMULSION FUEL EMISSION EVALUATION" is the bonafide work of "J.JOSHUA(210613114050),U.KARTHIKEYAN(210613114052),D.V.KISHORRE(210613114055),N.MANIMARAN(210613114059)" who carried out the project work under my supervision.



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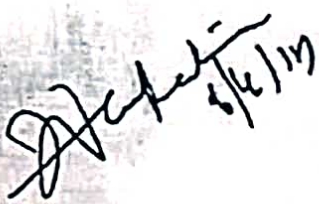
Dr. T. Venkatamuni Ph.D.,
HEAD OF THE DEPARTMENT
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai – 631 604



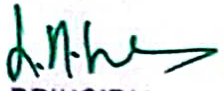
SIGNATURE

Mr.D.Christopher Selvam M.E.,
SUPERVISOR
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai – 631 604

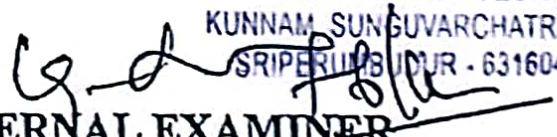
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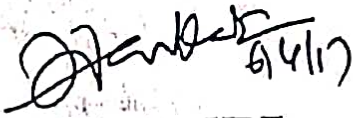
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SRIPERUMBUDUR - 631604.



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BONAFIDE CERTIFICATE

Certified that this project report "EFFECT OF EGR AND INJECTION TIMING ON PERFORMANCE AND EMISSION OF DIESEL ENGINE BLENDED WITH OCTANOL" is the bonafide work of K. SATHISH KUMAR (210613114092), D.SELVAM (210613114094) and K.SENTHIL KUMAR (210613114102) who carried out the project work under my supervision.



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Dr. T. VENKATAMUNI Ph.D.,
HEAD OF THE DEPARTMENT

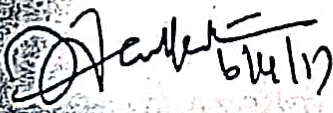
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai-631 604.



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Mr. J.RAVI KUMAR M.E.,
SUPERVISOR
ASSISTANT PROFESSOR
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur
Chennai-631 604.

Submitted For the Examination Held on 6/04/17



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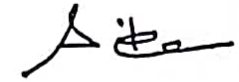
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Certified that this project report "AUTOMATIC WHEEL CHAIR FOR PHYSICALLY CHALLENGED PERSON" is the bonafide work of "K. AADITHYAN (201613114001), M. SURESH KUMAR (210613114106), C. ALFRED MATHEW (210613114301) and K.M. PRADEEP (210613114314) who carried out the project work under my supervision.


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Dr. T. VENKATAMUNI, PH.D.,
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Mechanical engineering
Jeppiaar institute of technology
Sriperumbudur
Chennai-631 604



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Mr. S. KANNAN, M.E,
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ASSISTANT PROFESSOR
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Jeppiaar institute of technology
Sriperumbudur
Chennai-631 604

Submitted For the Examination Held on 6/4/17


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

APRIL 2017

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Certified that this project report "STUDIES ON ANALYSIS OF ECONOMISER PERFORMANCE IN 210MW BOILER" is the bonafide work of "R.ANKIT AGARWAL, M.BARANEEDHARAN,S.INFANT THARIC and D.JENIFER KING " who carried out the project work under my supervision.


SIGNATURE

Dr. T. Venkatamuni, M.Tech.,Ph.D
HEAD OF THE DEPARTMENT
Mechanical Engineering
Jeppiaar Institute of Technology
Sriperumbudur,Chennai-631604


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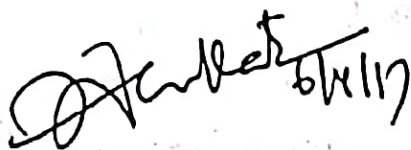
Dr. T. Venkatamuni, M.Tech.,Ph.D
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Sriperumbudur,Chennai-631604

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Submitted for the Examination held on

06-04-2017



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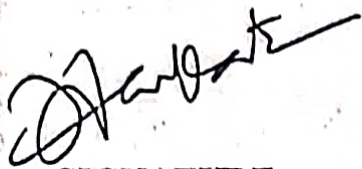
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Certified that this project report on "NANO-PARTICLE BASED SEMI-SYNTHETIC CUTTING FLUID FOR MINIMUM LUBRICATION" is the bonafide work of "David Lamington Koilraj. L (210613114026), Noah Rajan. J (210613114073)" who carried out the project work under my supervision.



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Dr. T. VENKATAMUNI M.E., Ph.D.,

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Mechanical Engineering

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Sriperumbudur

Chennai - 631604



Mr. N. BALAJI M.E.,

SUPERVISOR

ASSISTANT PROFESSOR

Mechanical Engineering

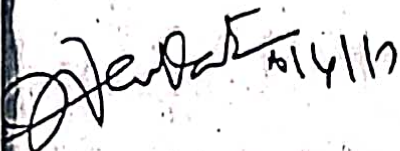
Jeppiaar Institute of Technology

Sriperumbudur

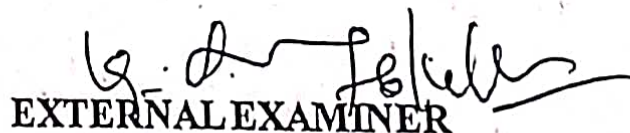
Chennai - 631 604



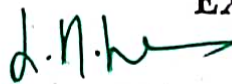
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

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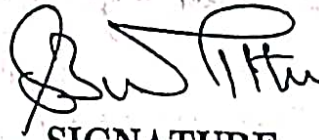
Certified that this project report "EXPERIMENTAL INVESTIGATION OF FLAME STABILIZATION AND BLOWOUT ON METHANE AIR COMBUSTION USING POROUS METAL FOAM FLAME HOLDER" is the bonafide work of "S. ANAND, S.GOPINATH, R.PRAVEENKUMAR" who carried out the project work under my supervision.



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Dr. T. Venkatamuni, M.Tech., Ph.D.,
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SUPERVISOR
ASSOCIATE PROFESSOR

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Sriperumbudur
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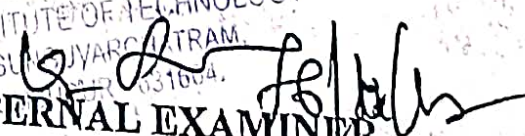
Submitted for the Examination held on 06-04-17



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SRIJAYARATNAM
631604.



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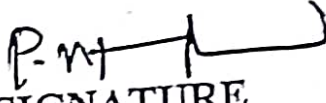
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Certified that this project report "DESIGN OF PIPING SYSTEM USING EXPANSION LOOP" is the bonafide work of "R.ARIVUSELVAN, D.ARUNKUMAR,V.BALAMURUGAN and K.PRABHU" who carried out the project work under my supervision.


6/4/17
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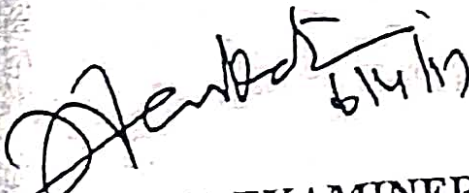
Dr. T. VENKATAMUNI, M.Tech.,Ph.D.,
HEAD OF THE DEPARTMENT

Mechanical Engineering,
Jeppiaar Institute of Technology,
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Chennai – 631 604.


SIGNATURE

P.VIJAYASARATHI,M.E.,
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Mechanical Engineering
Jeppiaar Institute of Technology,
Sriperumbudur,
Chennai – 631 604.

Submitted for the Examination held on 6/4/2017


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DEPARTMENT OF INFORMATION TECHNOLOGY

Academic Year 2016-2017 (EVEN SEMESTER)
IT6811 - PROJECT WORK DETAILS

BATCH: 2013-2017
YEAR / SEM: IV / 08

TOTAL STRENGTH : 33
NO OF BATCHES : 11

S.NO.	BATCH NO.	REG.NO	STUDENT NAME	TITLE OF THE PROJECT
1	1	210613205004	DEEPIKA.M	FAST DETECTION OF TRANSFORMED DATA LEAKS FRAMEWORK ON MAIL SERVER
2		210613205022	SHALINI.K	
3		210613205025	SUGANYA.S	
4	2	210613205006	DIVYA.M	SMART CONTROLS TRAFFIC MANAGEMENT SYSTEMS
5		210613205007	FARHEEN TASNEEM.Z	
6		210613205015	NIVETHA.M	
7	3	210613205008	GAYATHRI.S	IMPLEMENTATION OF EXTRACTING MEDICAL DATA FROM CROWNSOURCED QUESTION AND ANSWER WEBSITE
8		210613205013	MONIKA.K	
9		210613205019	SANGEETHA.R	
10	4	210613205001	APARNA JANET.D	BIOLOGICAL SEQUENCE ANALYSIS TOOL
11		210613205701	MUTHUSORNAM	
12		210613205026	SURYA.J	
13	5	210613205011	KOWSALYA.R	IMPROVING RATING PREDICTION ACCURACY BY EXPLORING SOCIAL USER SENTIMENTS
14		210613205020	SANTHHAKUMARI.M	
15		210613205024	SOWNDARYA.S	
16	6	210613205016	PRINCY MARIA DEEPA.A	DYNAMIC AND AUDITING WITH FAIR ARBITRATION FOR CLOUD DATA
17		210613205027	SURYAMAHALAKSHMI.S	
18		201613205032	YUWASHRI.R	
19	7	210613205003	BHARATHI.P	REVOCABLE STORAGE IN CLOUD COMPUTING
20		210613205018	RENUKA.V	
21		210613205021	SARANYA.M	
22	8	210613205010	HARIPRASATH.J	SMART CARD BASED TRANSPORT SYSTEMS
23		210613205012	MAHESH.S	
24		210613205029	THANIGAIVEL.A	
25	9	210613205014	NANDHAKUMAR.V	SOLAR POWERED SMART TRASH CAN
26		210613205017	RANJITH KUMAR.S	
27		210613205028	THANDAPANI.S	
28	9	210613205023	SHARVESH KUMAR.P	SOLAR POWERED SMART TRASH CAN
29		210613205002	BALASUBRAMANIAN.G	
30		210613205005	DEVAKUMAR.D	
31	10	210613205009	HARIPRASATH.A	SECURE TRANSATION FOR NET ABNKING USING MULTIMODEL BIO METRIC DEVICE
32		210613205030	VIJAYAKUMAR.L	
33		210613205031	VISHAL KUMERASH.V	AUTOMATIC LICENSE PLATE SCANNING USING ANPR CAMERA AND OCR



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JIT/COMMON/FORM-27

**FAST DETECTION OF TRANSFORMED DATA LEAKS
FRAMEWORK ON MAIL SERVER**

A PROJECT REPORT

Submitted by

DEEPIKA. M (210613205004)

SHALINI.K (210613205022)

SUGANYA. S (210613205025)

In partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



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APRIL 2017

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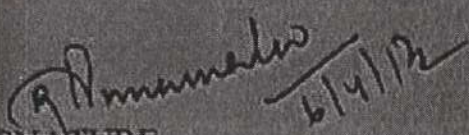

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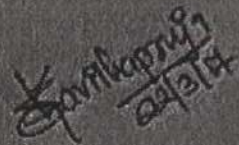
BONAFIDE CERTIFICATE

Certified that this project report "FAST DETECTION OF TRANSFORMED DATA LEAKS FRAMEWORK ON MAIL SERVER" is the bonafide work of "DEEPIKA. M (210613205004), SHALINI. K (210613205022) and NUGANYA. S (210613205025)" who carried out the project work under my supervision.



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**BENAMI IDENTIFICATION USING MINING
WITH BIGDATA ANALYTICS**

A PROJECT REPORT

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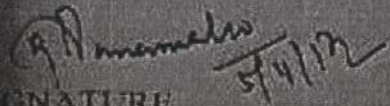
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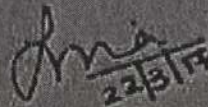
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**IMPLEMENTATION OF MEDICAL KNOWLEDGE
EXTRACTION FROM TRUTH DISCOVERY AND
SUPERVISED METHODS**

A PROJECT REPORT

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GAYATHRI. S (210613205008)

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SANGEETHA. R (210613205019)

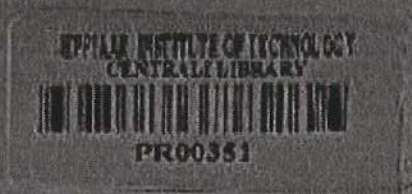
In partial fulfillment for the award of the degree

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**DISIF: A DISTANCE-BASED SILENCING TECHNIQUE FOR
MULTI-HOP BROADCAST COMMUNICATION IN
PEDESTRIAN AD-HOC NETWORKS**

A PROJECT REPORT

Submitted by

APARNA JANET D (210613205001)

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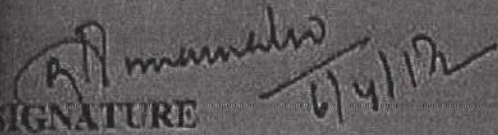
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SRIPERUMBUDUR - 604.

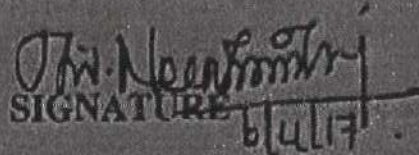
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE


Certified that this project report "DISIF: A DISTANCE-BASED SILENCING TECHNIQUE FOR MULTI-HOP BROADCAST COMMUNICATION IN PEDESTRIAN AD-HOC NETWORKS" is the bonafide work of "D.APARNA JANET[21061205001], K.MUTHU SORNAM [210613205701], J.SURIYA[210613205026]" who carried out the project work under my supervision.


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**IMPROVING RATING PREDICTION ACCURACY BY
EXPLORING SOCIAL USER SENTIMENTS**

A PROJECT REPORT

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In partial fulfilment for the award of the degree

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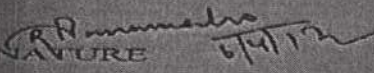
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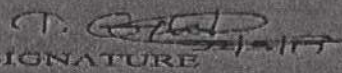
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KUMARALAYAR CHATRAM,
SERPENTINE ROAD, CHENNAI-600 025

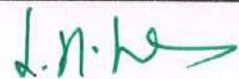
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Certified that this project report "IMPROVING RATING PREDICTION ACCURACY BY EXPLORING SOCIAL USER SENTIMENTS" is the bonafide work of " KOWSALYA R[210613205011] , SANTHAKUMARI M [210613205020] SOWNDARYA S[210613205024]" who carried out the project work under my supervision.


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**DYNAMIC AND PUBLIC AUDITING WITH FAIR
ARBITRATION FOR CLOUD DATA**

A PROJECT REPORT

Submitted by

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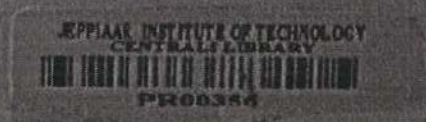
In partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



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APRIL 2017

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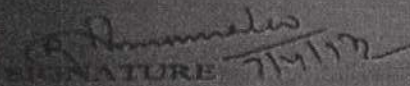
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Certified that this project report "DYNAMIC AND PUBLIC AUDITING WITH FAIR ARBITRATION FOR CLOUD DATA" is the bonafied work of "PRINCY MARIA DEEPA.A [210613205016], SURYA MAHALAKSHMI.S [210613205027] and YUWASHIRLR [210613205032]" who carried out the project work under my supervision.


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**REVOCABLE STORAGE IDENTITY BASED
ENCRYPTION: SECURE DATA SHARING IN CLOUD**

A PROJECT REPORT

Submitted by

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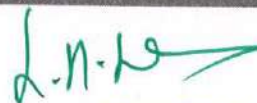
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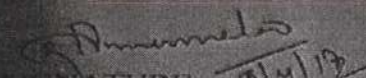
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**MTC BUS TICKET GRANTING SERVICE
USING ANDROID APPLICATION**

A PROJECT REPORT

Submitted by

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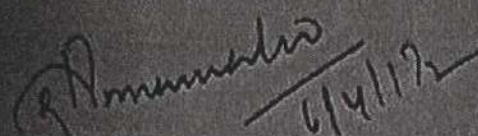
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SOLAR POWERED SMART TRASH CAN

A PROJECT REPORT

Submitted by

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THANDAPANI N	210613205028

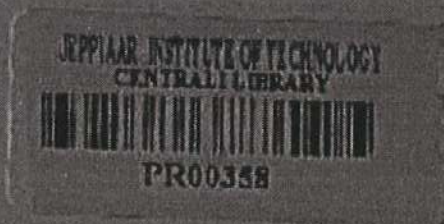
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in

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JEPPIAAR INSTITUTE OF TECHNOLOGY,

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ANNA UNIVERSITY: CHENNAI-600 025

APRIL 2017

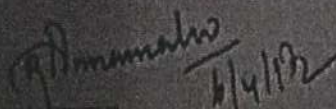
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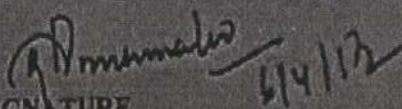
BONAFIDE CERTIFICATE

Certified that this project report "SOLAR POWERED SMART TRASH CAN" is the bonafide work of "BALASUBRAMANIAN G (210613205002), RANJITH KUMAR S (210613205017), SHARVESHKUMAR P (210613205023), THANDAPANT N (210613205028) who carried out the project work under my supervision.


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KUMAR, SUNGUVARCHATRAM,
SPATEL RUMBUDUR - 631604.

AN ANALYSIS PERFORMANCE BASED MOBILE SERVICES USING CLOUD SERVER

A PROJECT REPORT

Submitted by

D.DEVAKUMAR (210613205005)

A.HARI PRASATH (210613205009)

L.VIJAYA KUMAR (210613205030)

in partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



[Handwritten signature]

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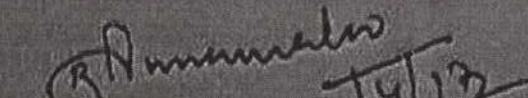
BONAFIDE CERTIFICATE

Certified that this project report "An Analysis Performance Based Mobile Services using Cloud Server" is the bonafide work of "D.Devnkumar(210613205005), A.Hari Prasath(210613205009) and L.Vijaya Kumar(210611205030)" who carried out the project work under my supervision.


SIGNATURE 2/4/12

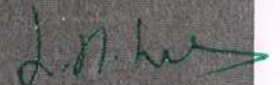
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This project report is submitted for viva voce examination to be held
on 7/4/2017

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2. A. HARI PRASATH	(210613205009)
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Internal Examiner 7/4/17

R. Ramesh
External Examiner 7/4/17

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PRINCIPAL
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KUMARAL SWAMY VENKATRAM,
SRIPERUMBUDUR - 631604.

**AUTOMATIC LICENSE PLATE SCANNING
SYSTEM USING ANPR CAMERA AND OCR**

A PROJECT REPORT

Submitted by

VISHAL KUMERESH.V

(210613205031)

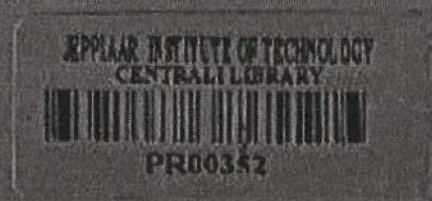
In partial fulfillment for the award of the degree

of

BACHELOR OF TECHNOLOGY

in

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JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDHUR

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APRIL 2017


d. A. K.

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ANNA UNIVERSITY::CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Automatic license plate scanning system using CVPR cameras and OCR" is the bonafide work of "VISHAL KUMERESH .V [210613205031]", who carried out the project work under my supervision.


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JEPPIAAR INSTITUTE OF TECHNOLOGY

Self Belief | Self Discipline | Self Respect

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2015-2016 (EVEN SEMESTER)

CS2451 - PROJECT WORK DETAILS

BATCH: 2012-2016

TOTAL STRENGTH : 60

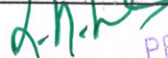
YEAR / SEM : IV / 08

NO OF BATCHES : 19

S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
1	12CSE001	210612104001	AARTHI SALMANISHA T F	SECURE DATA TRANSFER USING PUSH E-MAIL TECHNOLOGY
2		210612104002	ANCY RABISHA J	
3		210612104038	RABISHA R	
4	12CSE002	210612104005	ARULRATNAUGAVE V	EFFICIENT P2P FILE ACCESS IN MOBILE ADHOC NETWORK THROUGH REPLICATION
5		210612104011	BRINDHA K	
6		210612104040	RAJAKIRUTHIKA R	
7	12CSE003	210612104045	SANDHYA T	HUNTDOWN SCHEME BASED ON LOCALITY AMENDMENTS
8		210612104047	SANJULA M	
9		210612104304	PREETY.A	
10	12CSE004	210612104008	BESLIN ANDREA J	TRACKING LIVE FISH FROM LOW-FRAME-RATE STEREO CAMERA USING IMAGE PROCESSING
11		210612104048	SINDHANA S P	
12	12CSE005	210612104010	BHUVANA B	SECURE ATTRIBUTION TRANSMISSION OF RELATIONAL DATA SET FOR STREAM RECORDS
13		210612104043	REVATHI S	
14		210612104053	SWATHI R	
15	12CSE006	210612104015	DIVYA BHARATHI S	LARGE SCALE OPTIMIZATION TO MINIMIZE NETWORK TRAFFIC USING MAP REDUCE IN BIG DATA APPLICATIONS
16		210612104039	RAHINI S	
17		210612104058	VIJAYALAKSHMI G	
18	12CSE007	210612104007	BAVITHRA N	IMPLEMENTING CAMPUS INDOOR LOCATION TRACKING SYSTEM
19		210612104023	INDUMATHI G K	
20		210612104054	USHANANDHINI M	
21	12CSE008	210612104020	GOKILAPRIYA D C	A BIG DATA APPROACH FOR ENTIRE ACCESS TO DOLE OUT SCALEBLE DEBASEMENT
22		210612104021	GOWRI SANKARI A	
23		210612104031	NAGALAKSHMI C	
24	12CSE009	210612104033	PAPURANI P M	PORTABLE DEVICE FOR MONITORING PATIENT HEALTH USING IOT
25		210612104034	PAVITHRA J	
26		210612104037	PRIYANGA R	
27		210612104042	RAMA DIVYA M	

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S.NO	BATCH NO	REGISTER NUMBER	STUDENT NAME	TITLE OF THE PROJECT
28	12CSE010	210612104003	ANUREKA K	MULTILEVEL AUTHENTICATION WITH FINGER PRINT AND ANDROID BASED IMAGE PIXEL VERIFICATION SYSTEM
29		210612104029	MAURIYA P	
30		210612104050	SRINAYA G	
31	12CSE011	210612104035	PRASANNA DEVI S	IDENTIFICATION OF ATTACKS ON BROWSING HISTORY OF TWITTER USERS USING INFERENCE TECHNIQUE
32		210612104044	SAIMONISHA B	
33		210612104036	PRATHIBA D	
34		210612104046	SANGAMITHRAI A	
35	12CSE012	210612104016	DYSE VINCENT	ENHANCING SECURITY IN HADOOP CLUSTER USING MULTIMEDIA IMAGE
36		210612104019	GANESH S	
37		210612104025	JAYANTHAN J	
38	12CSE013	210612104055	VELLAYUTHAM K	PROGRAMMING METHOD TO IDENTIFY THE BEST TOOL FOR FRICTION STIR WELDING IN LARGE SCALE INDUSTRIES
39		210612104301	ARUN SELVAN.G.J	
40		210612104303	MANOJ KUMAR.T	
41		210612104701	BRIOLIN NAYAGAM.S	
42	12CSE014	210612104017	ELAMARAN S S	SECURED & EFFICIENT POLICY UPDATE IN CLOUD FOR BIG DATA ACCESS CONROL
43		210612104032	PALANI M	
44		210612104057	VIGNESH U	
45	12CSE015	210612104018	FENELEIN G	MATHEMATICAL PROBLEM SOLVING – AN ONLINE TEST CENTER
46	12CSE016	210612104013	DHANASEKAR D	TIME MANAGEMENT - WEB SERVICE ON REAL TIME SYSTEMS
47		210612104014	DHIVAKAR S	
48		210612104049	SIVANESH BALA	
49		210612104056	VIGNESH R	
50	12CSE017	210612104004	ARAVINDHAKRISHNAN S	UNIQUE APPROACH TO RETRIEVE PATIENT HEALTH INFORMATION USING BIG DATA
51		210612104026	JOHN WESLEY S	
52		210612104027	KUBENDHIRAN T	
53		210612104041	RAJKUMAR K	
54	12CSE018	210612104006	ARVIND S	PREVENTION OF DATA PIRACY IN CLOUD
55		210612104012	CHRISTOPHER GEORGE	
56		210612104022	GOWTHAM A	
57		210612104024	JAGADHISH R	
58	12CSE019	210612104028	MARIESH P S	STRETCH OPTIMIZATION OF WIRELESS SENSOR NETWORK USING PPSS ALGORITHM
59		210612104052	SURENDAR NATH P	
60		210612104302	JAIKUMAR.J	


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BONAFIDE CERTIFICATE

Certified that this project report “SECURE DATA TRANSFER USING PUSH E-MAIL TECHNOLOGY” is the bonafide work of AARTHI SALMANISHA (210612104001), ANCY RABISHA (210612104002), RABISHA R (210612104038) who carried out the project work under my supervision.


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Submitted for the Examination held on 11.04.2016


INTERNAL EXAMINER


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BONAFIDE CERTIFICATE

Certified that this project report "EFFICIENT P2P FILE ACCESS IN MOBILE ADHOC NETWORK THROUGH REPLICATION" is the bonafide work of ARULRATNAUGAVE V (210612104005), BRINDHA K (210612104011), RAJAKIRUTHIKA R (210612104040) who carried out the project work under my supervision.



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Certified that this project report "HUNTDOWN SCHEME BASED ON LOCALITY AMENDMENTS" is the bonafide work of SANDHYA T (210612104045), SANJULA M (210612104047) and PREETY.A (210612104304) who carried out the project work under my supervision.



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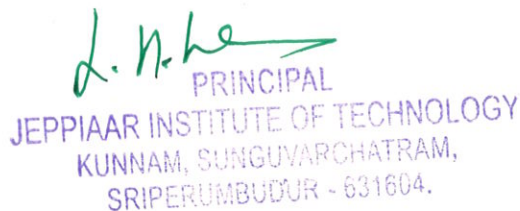
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Certified that this project report "TRACKING LIVE FISH FROM LOW-FRAME-RATE STEREO CAMERA USING IMAGE PROCESSING" is the bonafide work of **BESLIN ANDREA J (210612104008), SINDHANA S P (210612104048)** who carried out the project work under my supervision.


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BONAFIDE CERTIFICATE

Certified that this project report "SECURE ATTRIBUTION TRANSMISSION OF RELATIONAL DATA SET FOR STREAM RECORDS" is the bonafide work of BHUVANA B (210612104010), REVATHI S (210612104043) and SWATHI R (210612104053) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report “**LARGE SCALE OPTIMIZATION TO MINIMIZE NETWORK TRAFFIC USING MAP REDUCE IN BIG DATA APPLICATIONS**” is the bonafide work of **DIVYA BHARATHI S (210612104015), RAHINI S (210612104039), VIJAYALAKSHMI G (210612104058)** who carried out the project work under my supervision.

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Certified that this project report “**IMPLEMENTING CAMPUS INDOOR LOCATION TRACKING SYSTEM**” is the bonafide work **BAVITHRA N (210612104015), INDUMATHI G K (210612104039), USHANANDHINI M (2106121040358)** who carried out the project work under my supervision.



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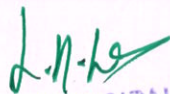
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Submitted for the Examination held on 11.04.2016

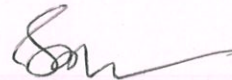


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Certified that this project report "A BIG DATA APPROACH FOR ENTIRE ACCESS TO DOLE OUT SCALEBLE DEBASEMENT" is the bonafide work **GOKILAPRIYA D C (210612104020), GOWRI SANKARI A (210612104021), NAGALAKSHMI C (210612104031)** who carried out the project work under my supervision.

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Certified that this project report “**PORTABLE DEVICE FOR MONITORING PATIENT HEALTH USING IOT**” is the bonafide **PAPURANI P M (210612104033), PAVITHRA J (210612104034), PRIYANGA R (210612104037), RAMA DIVYA M(210612104042)** who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report "MULTILEVEL AUTHENTICATION WITH FINGER PRINT AND ANDROID BASED IMAGE PIXEL VERIFICATION SYSTEM" is the bonafide ANUREKA K (210612104003), MAURIYA P (210612104029), SRINAYA G (210612104050) who carried out the project work under my supervision.



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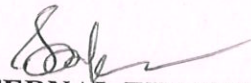


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Certified that this project report “IDENTIFICATION OF ATTACKS ON BROWSING HISTORY OF TWITTER USERS USING INFERENCE TECHNIQUE” is the bonafide PRASANNA DEVI S (210612104035), SAIMONISHA B (210612104044), PRATHIBA D (210612104036), SANGAMITHRAI A(210612104046) who carried out the project work under my supervision.




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Submitted for the Examination held on 11.04.2016



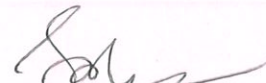
INTERNAL EXAMINER

Dr.K.V. Karthikeyan



PRINCIPAL

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SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “**ENHANCING SECURITY IN HADOOP CLUSTER USING MULTIMEDIA IMAGE** ” is the bonafide **DYSE VINCENT (210612104016), GANESH S (210612104019), JAYANTHAN J (210612104025)** who carried out the project work under my supervision.



SIGNATURE

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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “PROGRAMMING METHOD TO IDENTIFY THE BEST TOOL FOR FRICTION STIR WELDING IN LARGE SCALE INDUSTRIES” is the bonafide VELLAYUTHAM K (210612104055), ARUN SELVAN.G.J (210612104301), MANOJ KUMAR.T (210612104303), BRIOLIN NAYAGAM.S(210612104701) who carried out the project work under my supervision.



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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “SECURED & EFFICIENT POLICY UPDATE IN CLOUD FOR BIG DATA ACCESS CONROL” is the bonafide ELAMARAN S S (210612104017), PALANI M (210612104032), VIGNESH U (210612104057) who carried out the project work under my supervision.

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BONAFIDE CERTIFICATE

Certified that this project report “**MATHEMATICAL PROBLEM SOLVING – AN ONLINE TEST CENTER**” is the bonafide **FENELEIN G (210612104018)** who carried out the project work under my supervision.

SIGNATURE

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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “UNIQUE APPROACH TO RETRIEVE PATIENT HEALTH INFORMATION USING BIG DATA” is the bonafide ARAVINDHAKRISHNAN S (210612104004), JOHN WESLEY S (210612104026), KUBENDHIRAN T (210612104027), RAJKUMAR K (210612104041) who carried out the project work under my supervision.

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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report “PREVENTION OF DATA PIRACY IN CLOUD” is the bonafide ARAVIND S(210612104006), CHRISTOPHER GEORGE (210612104006), GOWTHAM A (210612104012), JAGADHISH R (210612104022) who carried out the project work under my supervision.

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EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "STRETCH OPTIMIZATION OF WIRELESS SENSOR NETWORK USING PPSS ALGORITHM" is the bonafide **MARIESH P S (210612104028), SURENDAR NATH P (210612104052), JAIKUMAR.J (210612104002)** who carried out the project work under my supervision.



SIGNATURE

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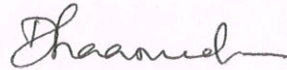
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EXTERNAL EXAMINER



JEPPIAAR INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Academic year:2015-2016(Even)

PROJECT WORK DETAILS

Batch:2012-2016

Total Strength:63

Year/Sem:IV/08

Batch:22

S.No	Batch No.	Reg.number	Team Name	Project Title	Guide Name
1	12EE01	210612105006	BRINDA MANUEL	WIRELESS CHARGING OF ELECTRIC VEHICLE	Dr.RAJESH KUMAR
2		210612105013	JANSIRANI N		
3		210612105049	THULASI L		
4	12EE02	210612105035	RAMKUMAR N	HIGH PERFORMANCE CONSTANT POWER GENERATION IN GRID CONNECTED PV SYSTEM WITH (ICGP)	Ms.S.PRIYA
5		210612105043	SIVALINGAM T		
6		210612105045	SRINIVASAN R		
7	12EE03	210612105033	PRIASHRUTHI S	INTRUSION DETECTION SYSTEM FOR AMI	Mr.MAX SAVIO
8		210612105037	RAMYA T(Sports)		
9		210612105054	VIMALA R		
10	12EE04	210612105053	VIJAY SRINIVAS S	IMPLEMENTATION OF AUTOMATIC SMART SIDEWALK CLEANER WITH LINE FOLLOWING	Ms.S.PRIYA
11		210612105059	YELESHETTY DEEPAK		
12	12EE05	210612105011	HEMA PRIYA	PROTECTION MECHANISM FOR SMART FACTORY BY DELTA TRANSFER THROUGH ILLUMINATION	Mr.K. JAYAVELU
13		210612105019	KEERTHANA G		
14		210612105026	NIKITHA J R		
15	12EE06	210612105005	ASHOK RAJAN C	ACTIVE RECTIFIER BASED SINGLE SWITCH DRIVE CIRCUIT FOR LED LAMPS	Mr.MAX SAVIO
16		210612105007	DAYANIDHI R		
17		210612105015	JOE STEPHAN RAJ U		
18	12EE07	210612105010	GUNANITHI M	PERFORMANCE INVESTIGATION OF SOLAR PV BASED SINGLE PHASE BIDIRECTIONAL INVERTER FOR ELECTRIC DRIVES	Mr.K. JAYAVELU
19		210612105048	THANU MOHAN V S		
20		210612105306	TENNISON RAJ KUMAR.D		
21	12EE08	210612105028	NITHYAKALYANI M	NEXT GENERATION NARROW BAND(UNDER 500KHZ) POWER LINE COMMUNICATION(PLC) STANDARDS	Mr.MAX SAVIO
22		210612105032	PREETHA P		
23		210612105057	VISHNU PRIYA R		
24	12EE09	210612105009	DILIP R	A BRIDGELESS BHB ZVZS PWM AC-AC CONVERTER FOR HIGH FREQUENCY INDICATOR HEATING APPLICATIONS	Mr.K. JAYAVELU
25		210612105039	SAJAN S		
26		210612105023	MAHESWARAN S T		

27	12EE10	210612105027	NITHYA S	MODIFIED HIH POWER MULTI LEVEL FLYBACK INVERTER FOR PV APPLICATION	Ms.L.PATTATHURANI
28		210612105040	SANTHANA LAKSHMI N		
29		210612105046	SURYA M		
30	12EE11	210612105029	OMPRAKASH M	A SINGLE PHASE ACTIVE DEVICE FOR POWER QUALITY IMPROVEMENT OF ELECTRIFIED TRANSPOSITION	Mr.K. JAYAVELU
31		210612105301	BALAJI S		
32		210612105305	SABEEL AHMED		
33	12EE12	210612105018	KAVIYAPRIYA K	SMART WASTE BIN MANAGEMENTN SYSTE, USING PIC CONTROLLER	Ms.L.PATTATHURANI
34		210612105004	ARIVUKKODI N		
35		210612105037	RAMYA T		
36	12EE13	210612105003	ARAVINDH K	DESIGN AND IMPLEMAENTATION OF LOW COMPLEXITY ADJUSTABLE FILTER FOR EFFICIENT HEARING USING EMBEDDED SYSTEMS SYSTEM	Ms.L.PATTATHURANI
37		210612105014	JEHOSHAPHAT RAJA S		
38		210612105302	MAHENDRAN G		
39	12EE14	210612105012	JANSIRANI J	DESIGN AND ANALYSIS OF MODULAR MULTI-LEVEL CONVERTER FOR SOLAR PHOTOVOLTAIC APPLICATION	Mr.K. JAYAVELU
40		210612105021	KOKILA B		
41		210612105047	SWATHY V		
42		210612105034	RAJKUMAR R	SEA WATER MONITORING	

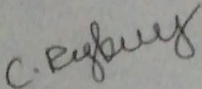
43	12EE15	210612105303	PANDIYAN.S	CONTROLLER BY USING ROBOTIC	Ms.L.PATTATHURANI
44		210612105702	VIMALANATHAN V	FISH	
45	12EE16	210612105042	SELVAKUMAR V	NEW ENERGY HARVESTING METHOD	Ms.A.RAMYA
46		210612105052	VIGNESH K	USING PIEZO ELECTRIC AND	
47		210612105035	RAM KUMAR M	FILTER	
48	12EE17	210612105002	AMEETHKHAN N	LOW COST MICROCONTROLLER	Ms.L.PATTATHURANI
49		210612105020	KINTHADA SRIKANTH	BASED TWIN COPTER	
50	12EE18	210612105025	NATARAJAN R		
51		210612105016	KARNAGARAN P	AN ENERGY STORED QUAZI Z-	Ms.A.RAMYA
52		210612105038	SAHAYA AJAN S	SOURCE CASCADED	
53	12EE19	210612105044	SOORIYAN K	MULTILEVEL INVERTER	
54		210612105022	KRISHNAN S	RFID BASED SYSTEM FOR	Ms.L.PATTATHURANI
55		210612105051	VIGNESH GY	SCHOOL	
56	12EE20	210612105031	PRASHAANTH T	CHIDREN TRANSPORTATION	Ms.A.RAMYA
57		210612105041	SARATHKUMAR M	WSN BASED AN EFFECTIVE	
58		210612105024	MANIYARASAN K	OPERATION FOR SMALL-SCALE	Ms.A.RAMYA
59	12EE21	210612105058	YASHWANATH C	WIND	
60		210612105008	DEEPTHI M	SEMI-BRIDGELESS BOOST	Mrs.L.PATTATHURANI
61		210612105030	PRAKASH J	RECTIFIER FOR DC CONVERTERS	
62	12EE22	210612105050	USPUK SATHYASINGH DEV	& APPLICATION FOR POWER	Ms.A.RAMYA
63		210612105701	VIGNESHWARAN.S	FACTOR CORRECTION BY SMC	
				ESTIMATING ENERGY	
				EXPENDITURE AND ACTIVITY	
				RECOGNITION: A COMPARISON	
				OF METHODS	
				ON LINE WEIGHING SYSTEM BY	
				USING AUTOMATIC CHECK	
				WEIGHER	
				ADVANCED TRAIN PULLEY AND	
				OBSTACLE AUDINANCE FOR	
				NEXT GENERATION	

J. N. K.

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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF MODULAR MULTI-LEVEL CONVERTER FOR SOLAR PHOTOVOLTAIC APPLICATION" is the bonafide work of JANSIRANI J(210612105012), KOKILA B(210612105021), SWATHY V(210612105047) who carried out the project work under my supervision.



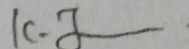
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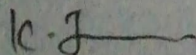
Mr K JAYAVELU

SUPERVISOR

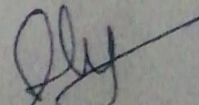
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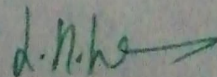
Submitted for the Examination held on 11/4/2016



INTERNAL EXAMINER



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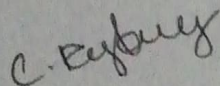


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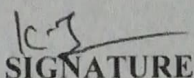
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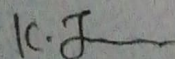
Mr K JAYAVELU

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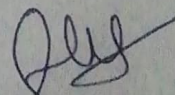
Assistant Professor

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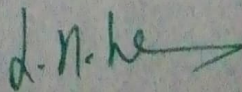
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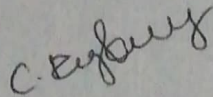
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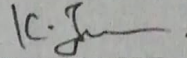
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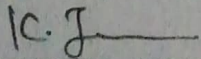
Mr K JAYAVELU

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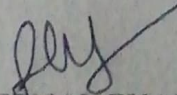
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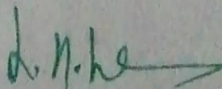
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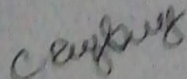


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BONAFIDE CERTIFICATE

Certified that this project report "NEXT GENERATION NARROW BAND(UNDER 500KHZ) POWER LINE COMMUNICATION(PLC) STANDARDS" is the bonafide work of NITHYAKALYANI M(210612105028), PREETHA (210612105032), VISHNU PRIYA R(210612105057), who carried out the project work under my supervision.



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Mr K JAYAVELU

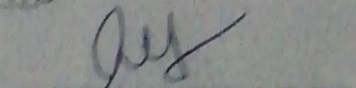
SUPERVISOR

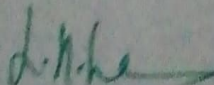
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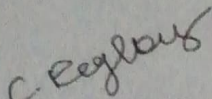

EXTERNAL EXAMINER


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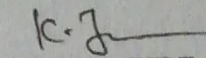
BONAFIDE CERTIFICATE

Certified that this project report "A BRIDGELESS BHB ZVZS PWM AC-AC CONVERTER FOR HIGH FREQUENCY INDICATOR HEATING APPLICATIONS" is the bonafide work of DILIP R(210612105009), SAJAN S(210612105039), MAHESWARAN S T(210612105023), who carried out the project work under my supervision.


SIGNATURE

Dr. RAJESHKUMAR C
HEAD OF THE DEPARTMENT

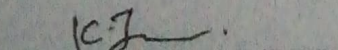
Associate Professor
Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

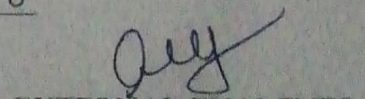

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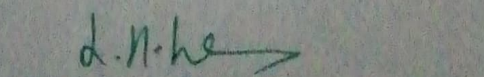
Mr K JAYAVELU
SUPERVISOR

Assistant Professor
Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2016


INTERNAL EXAMINER


EXTERNAL EXAMINER


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "PROTECTION ACTIVE RECTIFIER BASED SINGLE SWITCH DRIVE CIRCUIT FOR LED LAMPS" is the bonafide work of GUNANITHI M(210612105010), THANU MOHAN V S(210612105048), TENNISON RAJ KUMAR.D(210612105306).who carried out the project work under my supervision.

C. Rajesh

SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

SIGNATURE

Mr K JAYAVELU

SUPERVISOR

Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2016

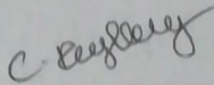
K. J.
INTERNAL EXAMINER

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EXTERNAL EXAMINER

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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "PROTECTION MECHANISM FOR SMART FACTORY BY DELTA TRANSFER THROUGH ILLUMINATION" is the bonafide work of HEMA PRIYA(210612105011), KEERTHANA G(210612105019), NIKITHA J R(210612105026), who carried out the project work under my supervision.



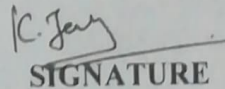
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

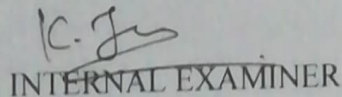
Mr K JAYAVELU

SUPERVISOR

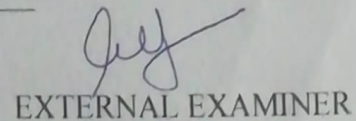
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

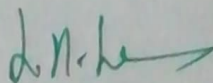
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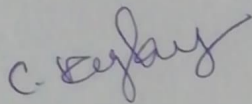


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report is the bonafide work of "SEA WATER MONITORING CONTROLLER BY USING ROBOTIC FISH" RAJKUMAR R(210612105034), PANDIYAN.S(2106012105303), VIMALANATHAN V(210612105702) who carried out the project work under my supervision.



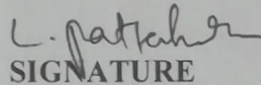
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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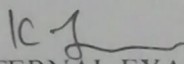
Mrs L PATTATHURANI

SUPERVISOR

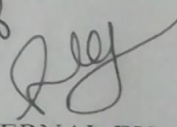
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

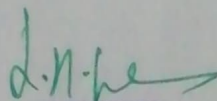
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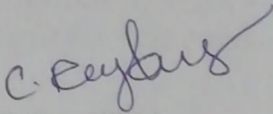


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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report is the bonafide work of "NEW ENERGY HARVESTING METHOD USING PIEZO ELECTRIC AND FILTER SENSOR SYSTEM SELVAKUMAR V(210612105042), VIGNESH K(210612105056), who carried out the project work under my supervision.



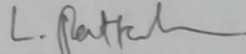
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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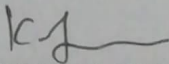
Mrs L PATTATHURANI

SUPERVISOR

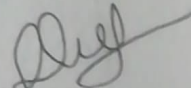
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

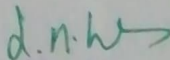
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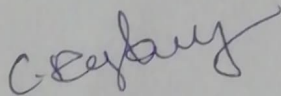
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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "NEW ENERGY HARVESTING METHOD USING PIEZO ELECTRIC AND FILTER SENSOR SYSTEM" is the bonafide work of VIGNESH K(210612105052), SELVAKUMAR V(210612105042) who carried out the project work under my supervision.



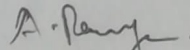
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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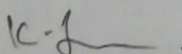
Mr A RAMYA

SUPERVISOR

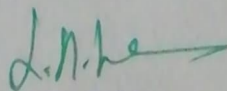
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Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2024

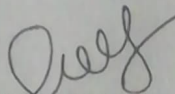


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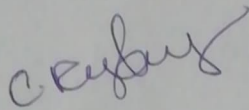
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "LOW COST MICROCONTROLLER BASED TWIN COPTER" is the bonafide work of "KINTHADA SRIKANTH (210612105020), AMEETHKHAN N(210612105002) who carried out the project work under my supervision.



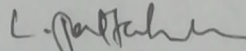
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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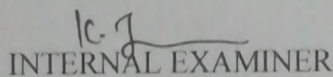
Mr L PATTATHURANI

SUPERVISOR

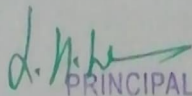
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

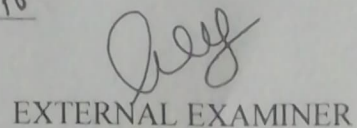
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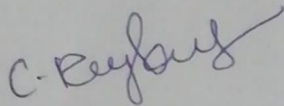


EXTERNAL EXAMINER

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "LOW COST MICROCONTROLLER BASED TWIN COPTER" is the bonafide work of NATARAJAN R(210612105025), NATARAJAN R(210612105032) who carried out the project work under my supervision.



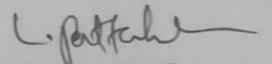
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

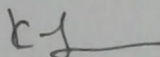
Mr L PATTATHURANI

SUPERVISOR

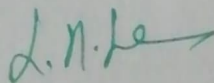
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/4/2014

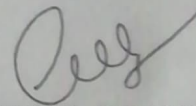


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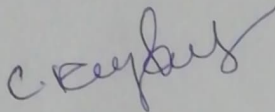
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "RFID BASED SYSTEM FOR SCHOOL CHILDREN TRANSPORTATION SAFETY ENHANCEMENT" is the bonafide work of PRASHAANTH T(210612105031), SARATHKUMAR, who carried out the project work under my supervision.




SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

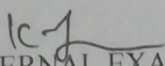
Mr L PATTATHURANI

SUPERVISOR

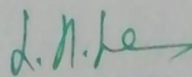
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

Submitted for the Examination held on 11/11/2024



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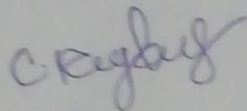
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "ADVANCED TRAIN PULLEY AND OBSTACLE AUDINANCE FOR NEXT GENERATION" is the bonafide work of USPUK SATHYASINGH DEV C(210612105050), VIGNESH (210612105047) who carried out the project work under my supervision.



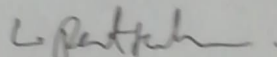
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



SIGNATURE

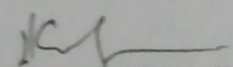
Mr L PATTATHURANI

SUPERVISOR

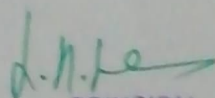
Assistant Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

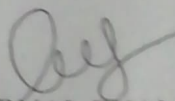
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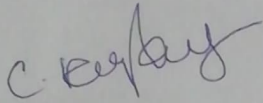


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "ENERGY GENERATION USING MOTOR DRIVEN SYSTEM" is the bonafide work of VIGNESHWARAN(210612105301).UPUSUK SHETTY (21061210) who carried out the project work under my supervision.



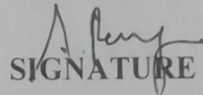
SIGNATURE

Dr. RAJESHKUMAR C

HEAD OF THE DEPARTMENT

Associate Professor

Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.



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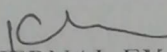
Mr A RAMYA

SUPERVISOR

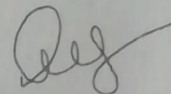
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Electrical and Electronics Engineering,
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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

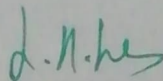
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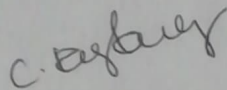


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KUNNAM, SUNGUVARCHATRAM,
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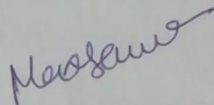
BONAFIDE CERTIFICATE

Certified that this project report "A SOLUTION OPTIMISATION USING IOT" is the bonafide work of JAMAL(210612105042), BHARATHI(210612105013), GAJALAKSHMI(210612105049) who carried out the project work under my supervision.


SIGNATURE

Dr. RAJESHKUMAR C
HEAD OF THE DEPARTMENT

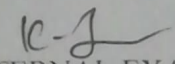
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Electrical and Electronics Engineering,
Jeppiaar Institute of Technology,
Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

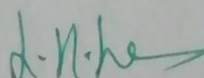

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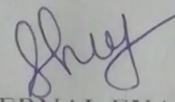
Mr. F. MAX SAVIO
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Submitted for the Examination held on 11/4/2016


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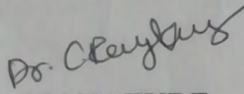

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EXTERNAL EXAMINER

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "HIGH PERFORMANCE CONSTANT POWER GENERATION IN GRID CONNECTED PV SYSTEM WITH (ICGP)" is the bonafide work of RAMKUMAR N (210612105035), SIVALINGAM T(210612105043), SRINIVASAN R(210612105047) who carried out the project work under my supervision.

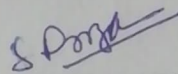

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Dr. RAJESHKUMAR 

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Associate Professor

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
Ms.S.Priya

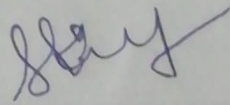
SUPERVISOR

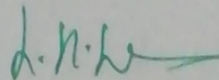
Assistant Professor

Electrical and Electronics Engineering,
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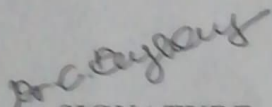

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SRIPERUMBUDUR - 631604.

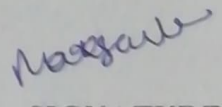
BONAFIDE CERTIFICATE

Certified that this project report "INTRUSION DETECTION SYSTEM FOR AMI" is the bonafide work of PRIASHRUTHI S (210612105033), RAMYA T(210612105037), VIMALA R(210612105045), who carried out the project work under my supervision.


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Dr. RAJESHKUMAR C
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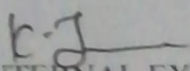
Associate Professor
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Kunnam, Sunguvarchatram,
Sriperumbudur. 631604.

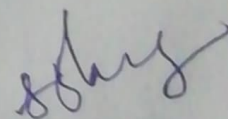

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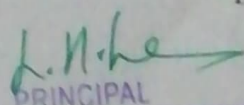
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Academic Year 2015-2016 (EVEN SEMESTER)

EC2451 - PROJECT WORK DETAILS

BATCH: 2012-2016

TOTAL STRENGTH : 122

YEAR / SEM : IV / 08

NO OF BATCHES : 44

S.No	BATCH NO	REGISTER NO	STUDENT NAME	TITLE OF THE PROJECT
1	12ECEB01	210612106002	AMBIKA K	ENHANCED VISION OF HAZY IMAGE USING DEPTH ESTIMATION AND COLOUR
2		210612106007	ANU KEERTHI A	
3		210612106003	AMRITHA VINNARASI J V	
4	12ECEB02	210612106004	ANANDHI K	MULTIMEDIA SECURITY SPOOFING OF DIGITAL IMAGE FORENSICS-3D FACE MASK
5		210612106032	JOSELIN SUBI J	
6		210612106093	UMA S	
7	12ECEB03	210612106054	PAVITHRA R	TWO AND THREE FINGER ROBOT BY PRECISION MANIPULATION
8		210612106306	ISHWARYA.K	
9	12ECEB04	210612106015	BARKHAVI R	VIRTUAL WALL TRAFFIC SYSTEM WITH VIOLATION WARNINGS
10		210612106033	KALPANA R	
11		210612106065	PRIYA DHARSHINI P	
12	12ECEB05	210612106026	HEMA SHRI R	CRACK DETECTOR AND FIRE SAFETY MONITORING SYSTEM FOR RAILWAY INSPECTION
13		210612106055	PHAVETHERA S V	
14	12ECEB06	210612106027	HEMAVATHI A	DEPLOYING WIRELESS SENSOR NETWORKS WITH FAULT TOLERANCE USING ENERGY EFFICIENT SHM ALGORITHM
15		210612106062	PREETHI M	
16		210612106091	SUSHMITHA S	
17	12ECEB07	210612106028	ILAKYA K	MEDICAL IMAGE FUSION BASED ON SPATIAL FREQUENCY AND ANALYSIS UNDER SWT DOMAIN
18		210612106083	SATHYA R	
19		210612106087	SHANTHINI E	
20	12ECEB08	210612106029	JANANI R R	AN EFFICIENT HYBRID APPROACH ESTIMATION FOR FACE DETECTION USING FEATURE BASED TECHNIQUE
21		210612106063	PREMA E	
22	12ECEB09	210612106031	JEYASUDHA S	AN EFFICIENT PILOT DESIGN SCHEME FOR SPARSE CHANNEL ESTIMATION IN OFDM SYSTEMS
23		210612106039	KOWSALYA R	
24		210612106057	PRABAVATHI S	

J. N. K.

PRINCIPAL

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KUNNAM, SUNGULAR ROAD, CHENNAI

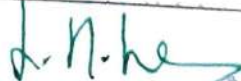
SRIPERUMBUR, TAMIL NADU

S.No	BATCH NO	REGISTER NO	STUDENT NAME	TITLE OF THE PROJECT
25	12ECEB10	210612106021	DIVYA VARSHINI KK	AUTOMATIC VEHICLE NAVIGATION USING DIJKSTRA'S ALGORITHM
26		210612106041	LAVANYA J	
27		210612106051	MONIKA E	
28	12ECEB11	210612106042	LOGESHWARI E	A MESH NETWORKING BASED SOLUTION FOR SMART METERING
29		210612106060	PRATHIMA L K	
30	12ECEB12	210612106045	MARY ABISHA M	AUTOMATIC LICENSE PLATE RECOGNITION
31		210612106078	SANDHYA L	
32	12ECEB13	210612106064	PRIYADHARSHINI N	DESIGN OF HEARING AID USING VARIABLE BANDWIDTH FILTER
33		210612106095	VEDHARANYA B	
34		210612106096	VEMBARASI P	
35	12ECEB14	210612106070	RAJESWARI D	BIOMEDICAL SIGNAL MONITORING IN A TELEMEDICINE SYSTEM FOR EMERGENCY MEDICAL SERVICES USING MECHANICAL SETUP
36		210612106107	VISHNU PRIYA R	
37	12ECEB15	210612106076	RUKMANI R	PROLIFERATE QoS/QoE AND ENHANCED SECURITY USING DISTRIBUTED HANDOVER TECHNIQUE IN VANETS
38		210612106088	SHEETAL MARY A	
39		210612106094	UMAYAL A L	
40	12ECEB16	210612106302	DEEPAN V	ELECTRONIC VOTING MACHINE SYSTEM OPTIMISATION
41		210612106312	PONNUMANI P	
42		210612106314	SURESH R	
43	12ECEB17	210612106085	SELVAKUMAR E	BIDIRECTIONAL THERMOELECTRIC ENERGY GENERATOR AND MONITERING POWER CONSUPTION
44		210612106097	VENKATESH N	
45		210612106308	LAKSHMI NARAYANAAN	
46	12ECEB18	210612106020	DHUWARAKESH P	PSO BASED ULCER DETECTION USING WIRELESS CAPSULE ENDOSCOPY DIAGNOSIS
47		210612106084	SATHYA NARAYANAN V	
48		210612106101	VIJAY J	
49	12ECEB19	210612106048	MOHAMMED ASIF T	ACCIDENT DETECTION POSITIOING AND RESCUE SYSTEM
50		210612106049	MOHAMMAD YASAR AR	
51		210612106074	ROHITH THACKER S	
52	12ECEB20	210612106304	GANESH.S	SUSPICIOUS MATERIAL DETECTION AND IDENTIFICATION OF ROBOT SECURITY SYSTEM USED IN ARMY
53		210612106307	KANAGARAJ.K	
54		210612106313	SUDHAKAR A	
55	12ECEB21	210612106009	ARUN KUMAR A	DRIVER SAFETY AWARENESS AND ASSISTANCE BY USING RASPERRY PI CONTROLLER
56		210612106011	ASWATH K P	

J.N.K

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KUNNAM, SUNGHARCHATTI
SRINAGAR

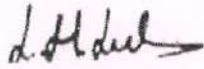
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57	12ECEB22	210612106014	BALA THEOPHIN D	DEVELOPMENT OF BIOMEDICAL REMOTE DATA LOGGING SYSTEM WITH RASPBERRY PI BASED EMBEDDED WEB SERVER
58		210612106056	POOPAL T	
59		210612106071	RANJITH S	
60	12ECEB23	210612106023	GOVINDHARAJU V	"DETECTION OF GLAUCOMA USING BIFURCATION ALGORITHM
61	12ECEA01	210612106001	AGALYA V	PATIENT MONITORING AND POTER RECOGNITION EMBEDDED WITH GSM FOR DISABLED PERSON
62		210612106030	JEYA AISHWARIYA T	
63		210612106040	KRITHIKA L	
64	12ECEA02	210612106005	ANTONY DAVID P B	IOT BASED ON AUTOMATED AGRICULTURE MONITORING AND IRRIGATION SYSTEM
65		210612106013	BALAJI S	
66		210612106061	PRAVEEN V	
67	12ECEA03	210612106006	ANUJA PREETHI K	SOIL PH FORMULATION BY ITS MOISTURE USING PROCESSING
68		210612106016	BHAVYA K	
69		210612106090	SOUNDARIYA V	
70	12ECEA04	210612106008	ARCHANA S	WIRELESS CONTROL OF A ROBOT USING SENSING GLOVE
71		210612106044	MANASA HARSHINI K	
72		210612106098	VIDHYA V	
73	12ECEA05	210612106010	ASVIKA AS	AN EFFECTUAL SECURITY SYSTEM FOR FACE RECOGNITION BASED ON GABOR FEATURE EXTRACTION USING KNN CLASSIFIER
74		210612106012	AZHAGUSELVALAKSHMI E	
75		210612106059	PRATHIBA S	
76	12ECEA06	210612106017	BLESSING DHILAK T	MUSCULAR BIO STIMULATION BY ELECTROMYOGRAM SIGNAL USING FLEX SENSOR
77		210612106018	CHANDRASEKAR V	
78		210612106701	GOWTHAMM.M	
79	12ECEA07	210612106106	VINOTH S	ON STREET AND OFF STREET CAR PARKING AVAILABILITY PREDICTION USING ANDROID APPLICATION
80		210612106103	VIJAY P	
81		210612106025	HARI NARAYANAN V	
82	12ECEA08	210612106303	DINESH BABU	MULTI USER MULTI CHANNEL USING JOINT BEAMFORMING BASED POWER AND CHANNEL ALLOCATION ON MIMO SYSTEM ANALYSIS
83		210612106305	GOWTHAMAN.M	
84		210612106310	MANIKANDAN R	
85	12ECEA09	210612106035	KARTHIKEYAN E	EFFICIENET IRIS SEGMENTATION AND RECOGNITION USING SVM CLASSIFIER
86		210612106019	CHARATH RAAJ L	
87		210612106036	KARTHIKEYAN S	


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 JEPPIAAR INSTITUTE OF TECHNOLOGY
 KUNNAM, SUNDARACHATRAM,
 SRIPERUMBATHUR - 631004.

S.No	BATCH NO	REGISTER NO	STUDENT NAME	TITLE OF THE PROJECT
88	12ECEA10	210612106068	RAHUL S	EEG BASED BRAIN CONTROLLED MOBILE ROBOT
89		210612106309	LOKESHWARAN.M	
90		210612106311	NEETHIMUTHU.M	
91	12ECEA11	210612106099	VIGNESH K	DIGITAL ART DRAWING IN THE AIR BY TRACKING THE HAND GESTURES
92		210612106100	VIGNESHWARAN R	
93		210612106102	VIJAY K	
94	12ECEA12	210612106050	MONESH K	PORTABLE CAMERA BASED ASSITIVE TEXT READING AND PROTECT LABLE READING FROM HAND HEALTH OBJECT
95		210612106089	SOMASUNDARAM V N	
96		210612106092	THAMIZHARASU B	
97	12ECEA13	210612106082	SATHISH G	SDR BASED PLC AND VLC INDOOR BROADBAND BROADCASTING
98		210612106043	MADHAV T	
99		210612106077	RUPA VIGNESH G	
100	12ECEA14	210612106022	ESTHER FLORENCE P	A SECURED SYSTEM DESIGN FOR REALTIME HEALTH MONITORING OF POST-CHEMOTHERAPEUTIC EFFECTS BASED ON IOT
101		210612106047	MERLIN JOY A D G	
102		210612106081	SASIVARDHINI S	
103	12ECEA15	210612106034	KARPAGA GAYATHRI A	PLASTIC DETECTION IN OCEANS USING BUOYS AND PATTERN RECOGNITION
104		210612106037	KEZIAH S	
105		210612106075	ROMERA JOAN S	
106	12ECEA16	210612106069	RAJAKUMARI N	OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE
107		210612106073	RASAVALLI D	
108		210612106105	VINETH LIGI S	
109	12ECEA17	210612106058	PRAMILA T	REMOTE AUTHENTICATION VIA BIOMETRICS: A ROBUST VIDEO-OBJECT STEGANOGRAPHIC MECHANISM OVER WIRELESS NETWORKS
110		210612106072	RANJITHA K	
111	12ECEA18	210612106067	PRIYANKAA A	MUSEUM ADAPT TECHNOLOGY FOR MOBILITY IMPAIRED PEOPLE USING EMBEDDED SYSTEM
112		210612106080	SARANYA DEVI R	
113		210612106052	NEELAVATHI R	
114	12ECEA19	210612106024	GOWTHAMY T S	HAPTIC SHARED CONTROL IN TELE- MANIPULATION: PICK AND PLACE ROBOT
115		210612106038	KIRTHANADEVI A	
116		210612106079	SARANYA R	
117	12ECEA20	210612106066	PRIYANKA K	CONTOUR EXTRACTION FOR VISUAL SPEECH RECOGNITION
118		210612106086	SHANMUGA PRIYA P	
119		210612106301	DEEPA G	
120	12ECEA21	210612106046	MERLIN DOJ CATHARINE D	OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE
121		210612106053	NILA T	
122		210612106104	VIJAYALAKSHMI S	

BONAFIDE CERTIFICATE

Certified that this project report "ENHANCED VISION OF HAZY IMAGE USING DEPTH ESTIMATION AND COLOUR" is the bonafide work of "AMBIKA K (210612106002), ANU KEERTHI A (210612106007), AMRITHA VINNARASI J V (210612106003)" who carried out the project work under my supervision.



SIGNATURE

Mrs.L.M.Merlin Livingston, M.E., (Ph.D.)

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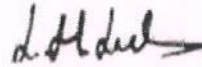
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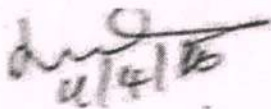
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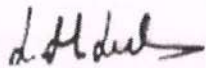
PRINCIPAL
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "PATIENT MONITORING AND POSTER RECOGNITION EMBEDDED WITH GSM FOR DISABLED PERSON" is the bonafide work of "AGALYA V (210612106001), JEYAAISHWARIYA T (210612106030), KRITHIKA L (210612106040)" who carried out the project work under my supervision.



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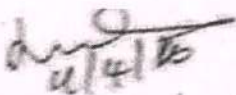
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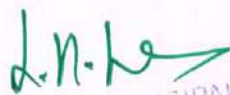
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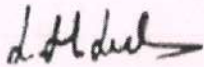
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "IOT- BASED ON AUTOMATED AGRICULTURE MONITORING AND IRRIGATION SYSTEM" is the bonafide work of "ANTONY DAVID PB (210612106005) BALAJI S (210612106013) PRAVEEN V(210612106061)" who carried out the project work under my supervision.



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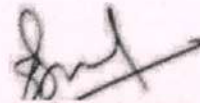
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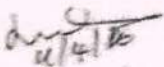
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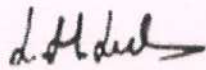
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SRIPERUMBUDUR - 631604.
EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "SOIL pH FORMULATION BY ITS MOISTURE USING PROSESSING" is the bonafide work of "ANUJA PREETHI K (210612106006) BHAVYA K(210612106016) SOUNDARYA V(210612106090)" who carried out the project work under my supervision.



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Mrs.L.M.Merlin Livingston, M.E., (Ph.D.)

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ASSOCIATE PROFESSOR

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Dr.S.Lakshmi,M.E.,Ph.D.

SUPERVISOR

PROFESSOR

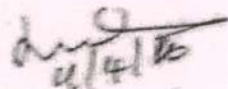
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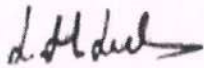
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.



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BONAFIDE CERTIFICATE

Certified that this project report "WIRELESS CONTROL OF A ROBOT USING SENSING GLOVE" is the bonafide work of "ARCHANA S (210612106008), MANASA HARSHINI K{210612106044), VIDYA V(210612106098)" who carried out the project work under my supervision.



SIGNATURE

Mrs.L.M.Merlin Livingston, M.E., (Ph.D.)

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Chennai – 631 604.



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Dr.S.Lakshmi,M.E.,Ph.D.

SUPERVISOR

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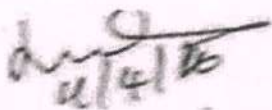
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Certified that this project report "AN EFFECTUAL SECURITY SYSTEM FOR FACE RECOGNITION BASED ON GABOR FEATURE EXTRACTION USING KNN CLASSIFIER" is the bonafide work of "ASVIKA A S (210612106010) AZHAGUSELVALAKSHMI E(210612106012) PRADEEPA S (210612106059)" who carried out the project work under my supervision.

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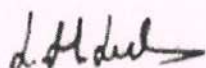
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Certified that this project report "MUSCULAR BIO STIMULATION BY ELECTROMYOGRAM SIGNAL USING FLEX SENSOR" is the bonafide work of "BLESSING DHILAK T (210612106017) ,CHANDRASEKAR V(210612106018) GOWTHAMM M (210612106701)" who carried out the project work under my supervision.



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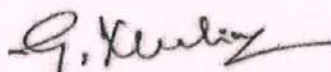
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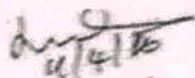
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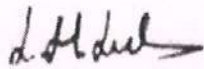
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BONAFIDE CERTIFICATE

Certified that this project report "ON STREET AND OFF STREET CAR PARKING AVAILABILITY PREDICTION USING ANDROID APPLICATION" is the bonafide work of "VINOTH S (210612106106),VIJAY P(210612106103) ,HARI NARAYANAN V (210612106025)" who carried out the project work under my supervision.



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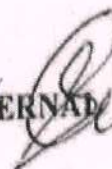


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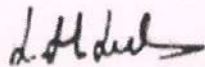
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Certified that this project report "MULTI USER MULTI CHANNEL USING JOINT BEAM FORMING BASED POWER AND CHANNEL ALLOCATION ON MIMO SYSTEM ANALYSIS" is the bonafide work of "DINESH BABU(210612106303),GOWTHAM M(210612106305),MANIKANDAN R(210612106310)" who carried out the project work under my supervision.



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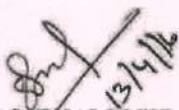
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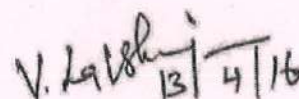
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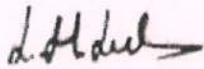
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Certified that this project report "EFFICIENT IRIS SEGMENTATION AND RECOGNITION USING SVM CLASSIFIER" is the bonafide work of "KARTHIKEYAN E (210612106035), CHARATH RAAJ L (210612106019) ,KARTHIKEYAN S (210612106036)" who carried out the project work under my supervision.



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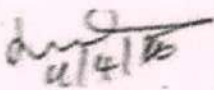
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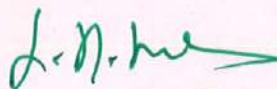
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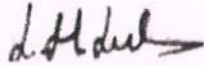
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Certified that this project report "EEG BASED BRAIN CONTROLLED MOBILE ROBOT" is the bonafide work of "RAHUL S (210612106068), LOGESHWARAN M(210612106309), NEETHIMUTHU M (210612106331)"who carried out the project work under my supervision.



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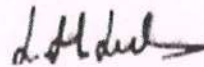
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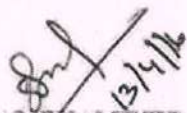
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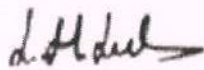
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Certified that this project report "DIGITAL ART_DRAWING IN THE AIR BY TRACKING THE HAND GESTURES" is the bonafide work of VIGNESH K (210612106099) VIGNESHWARAN R(210612106100),VIJAY K(210612106102), " who carried out the project work under my supervision.

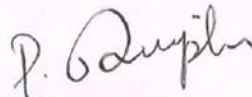


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Ms.P.DEEPIKA.,M.E

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ASSISTANT PROFESSOR

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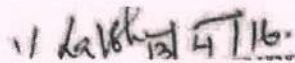
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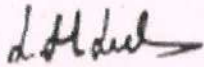


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JEPPIAAR INSTITUTE OF TECHNOLOGY
KURUNNANGUDI, SRIPERUMBUDUR,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "PORTABLE CAMERA BASED ASSITIVE TEXT READING AND PROTECT LABLE READING FROM HAND HEALTH OBJECT" is the bonafide work of MOKESH K (210612106050), SOMASUNDRAMV(210612106089), TAMILZHARASU B (210612106092), " who carried out the project work under my supervision.



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Ms.L.M.Merlin Livingston, M.E., (Ph.D.)

HEAD OF THE DEPARTMENT

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SIGNATURE

Dr.S.ARUL M.E.,Ph.D.

SUPERVISOR

PROFESSOR

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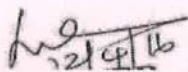
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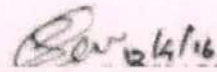
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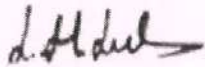


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Certified that this project report “SDR BASED PLC AND VLC INDOOR BROADBAND BROADCASTING” is the bonafide work of SATHISH G (210612106082),MADHAV T(21061210643) , RUPA VIGNESH G(210612106077),” who carried out the project work under my supervision.

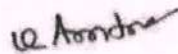


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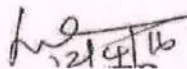
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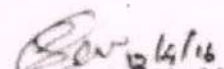
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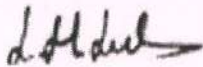
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Certified that this project report “A SECURED SYSTEM DESIGN FOR REALTIME HEALTH MONITORING OF POST- CHEMOTHERAPEUTIC EFFECTS BASED ON IOT” is the bonafide work of ESTHER FLORENCE P (210612106022),MERLIN JOY A D G(210612106047),SASIVARDHINI S(210612106081)” who carried out the project work under my supervision.



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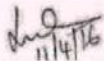
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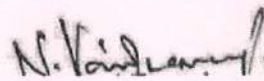
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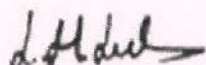


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Certified that this project report “**PLASTIC DETECTION IN OCEANS USING BUOYS AND PATTERN RECOGNITION**” is the bonafide work of **KARPAGA GAYATHRI (210612106034), KEZIAH S (210612106037), ROMERA JOAN S (210612106075)**” who carried out the project work under my supervision.



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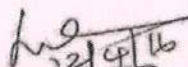
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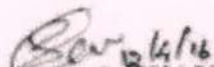
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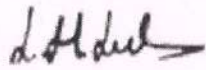
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Certified that this project report “**OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE**” is the bonafide work of **RAJAKUMARI N (210612106069), RASAVALLI D(210612106073), VINETHLIGI S(210612106105)**” who carried out the project work under my supervision.



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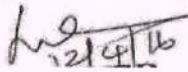
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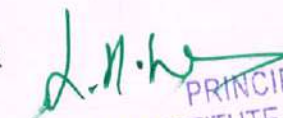
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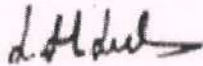
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Certified that this project report “**REMOTE AUTHENTICATION VIA BIOMETRICS: A ROBUST VIDEO-OBJECT STEGANOGRAPHIC MECHANISM OVER WIRELESS NETWORKS**” is the bonafide work of **PRAMILA T (210612106058)**, **RANJITHA K** who carried out the project work under my supervision.

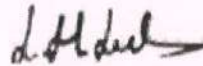


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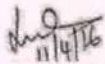
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Certified that this project report "MUSEUM ADAPT TECHNOLOGY FOR MOBILITY IMPAIRED PEOPLE USING EMBEDDED SYSTEM" is the bonafide work of PRIYANKAA A(210612106067),SARANYADEVI R(210612106080),NELAVATHI R(210612106052)who carried out the project work under my supervision.


SIGNATURE

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Mr.S.SELVIN PRADEEP KUMAR.,M.E

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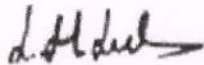
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Certified that this project report "HAPTIC SHARED CONTROL IN TELE-MANIPULATION: PICK AND PLACE ROBOT" is the bonafide work of GOWTHAMY T S(210612106024),KIRTHANADEVI A(210612106038),SARANYA R(210612106079)who carried out the project work under my supervision.

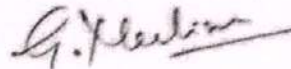


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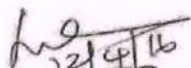
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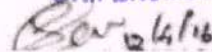
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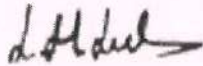
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BONAFIDE CERTIFICATE

Certified that this project report "OPTICAL CHARACTER RECOGNITION SYSTEM USING RASPBERRY PI 3 TO ASSIST IMPAIRED PEOPLE" is the bonafide work of MERLIN DOJ CATHARINE D (21061210646), NILA T (210612106053), VIJAYALAKSHMI S (210612106104) who carried out the project work under my supervision.



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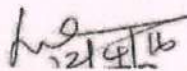
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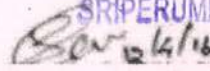
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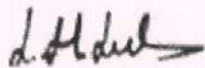
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Certified that this project report “**CONTOUR EXTRACTION FOR VISUAL SPEECH RECOGNITION**” is the bonafide work of **PRIYANKA K (210612106066), SHANMUGA PRIYA P (210612106086), DEEPA G(210612106301)**who carried out the project work under my supervision.

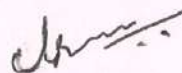


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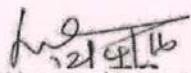
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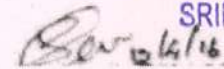
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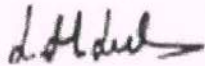
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Certified that this project report "MULTIMEDIA SECURITY SPOOFING OF DIGITAL IMAGE FORENSICS-3D FACE MASK" is the bonafide work of "ANANDHI K(210612106004),JOSELINSUBI J(210612106032),UMA S(210612106093)" who carried out the project work under my supervision.



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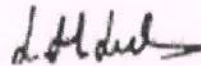
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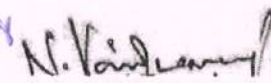
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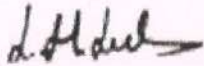

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Certified that this project report "TWO AND THREE FINGER ROBOT BY PRECISION MANIPULATION" is the bonafide work of "PAVITHRA R(210612106054), ISHWARYA K(210612106306)" who carried out the project work under my supervision.



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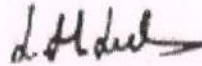
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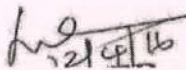
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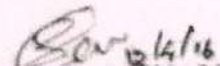
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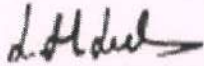
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BONAFIDE CERTIFICATE

Certified that this project report “**CRACK DETECTOR AND FIRE SAFETY MONITORING SYSTEM FOR RAILWAY INSPECTION**” is the bonafide work of “**HEMA SHRI(210612106026),PHAVETHERA S V(210612106055)**” who carried out the project work under my supervision.



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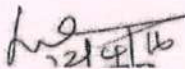
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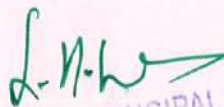
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Certified that this project report “**VIRTUAL WALL TRAFFIC SYSTEM WITH VIOLATION WARNINGS**” is the bonafide work of “**BARKHAVI R(210612106015),KALPANA R (210612106033),PRIYADHARSHINI P(210612106065)**” who carried out the project work under my supervision.

SIGNATURE

Mrs.L.M.Merlin Livingston, M.E., (Ph.D.)

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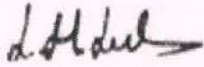
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report “**DEPLOYING WIRELESS SENSOR NETWORKS WITH FAULT TOLERANCE USING ENERGY EFFICIENT SHM ALGORITHM**” is the bonafide work of “**HEMAVATHI A(210612106027),PREETHI M(210612106062),SUSHMITHA S(210612106091)**” who carried out the project work under my supervision.



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Mr.S.SELVIN PRADEEP KUMAR, M.E.,

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ASSISTANT PROFESSOR

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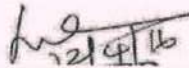
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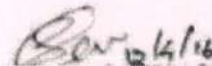
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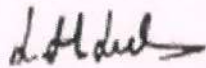
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BONAFIDE CERTIFICATE

Certified that this project report "MEDICAL IMAGE FUSION BASED ON SPATIAL FREQUENCY AND ANALYSIS UNDER SWT DOMAIN" is the bonafide work of ILLAKYA K(210612106028),SATHAYA R (210612106083),SHANTHINI E(210612106087)" who carried out the project work under my supervision.



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Ms.P.DEEPIKA M.E.,

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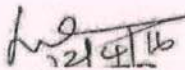
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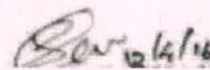
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Certified that this project report "AN EFFICIENT HYBRID APPROACH ESTIMATION FOR FACE DETECTION USING FEATURE BASED TECHNIQUE" is the bonafide work of JANANI R R(210612106029), PREMA E (210612106063)" who carried out the project work under my supervision.

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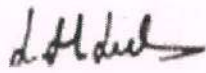
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Certified that this project report "AN EFFICIENT PILOT DESIGN SCHEME FOR SPARSE CHANNEL ESTIMATION IN OFDM SYSTEMS" is the bonafide work of JEYASUDHA S(210612106031), KOWSALYA R (210612106039), PRABAVATHI S (210612106057), " who carried out the project work under my supervision.



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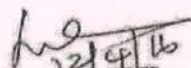

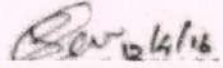
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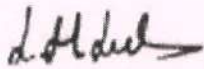
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Certified that this project report "AUTOMATIC VEHICLE NAVIGATION USING DIJKSTRA'S ALGORITHM" is the bonafide work of DIVYA VARSHINI K K(210612106021), LAVANYA J (210612106041), MONIKA E (210612106051), " who carried out the project work under my supervision.



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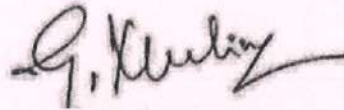
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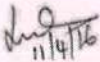
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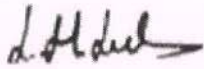
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Certified that this project report "A MESH NETWORKING BASED SOLUTION FOR SMART METERING" is the bonafide work of LOGESHWARI E(210612106042), PRATHIMA L K (210612106060)" who carried out the project work under my supervision.



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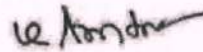
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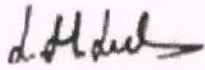
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SRIPERUMBUDUR - 631604.



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BONAFIDE CERTIFICATE

Certified that this project report "AUTOMATIC LICENSE PLATE RECOGNITION" is the bonafide work of MARY ABISHA M(210612106045), SANDHYA L (210612106078)" who carried out the project work under my supervision.



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Chennai – 631 604.



SIGNATURE

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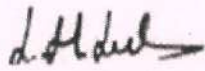

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Certified that this project report “**DETECTION OF GLAUCOMA USING BIFURCATION ALGORITHM**” is the bonafide work of **GOVINDHARAJU V(210612106023)**” who carried out the project work under my supervision.



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Mrs.TAMILSELVI, M.Tech.,

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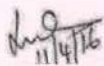
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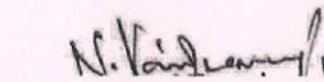
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Certified that this project report “DEVELOPMENT OF BIOMEDICAL REMOTE DATA LOGGING SYSTEM WITH RASPERRY PI BASED EMBEDDED WEB SERVER” is the bonafide work of **BALA THEOPHIN D(210612106014), POOPAL T(210612106056),RANJITH S(210612106071)**” who carried out the project work under my supervision.

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(Ph.D.) Dr.V.KANNAN, Ph.D.

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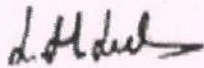

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Certified that this project report "SUSPICIOUS MATERIAL DETECTION AND IDENTIFICATION OF ROBOT SECURITY SYSTEM USED IN ARMY" is the bonafide work of GANESH S(210612106304), KANAGARAJ K(210612106307), SUDHAKAR A(210612106313)" who carried out the project work under my supervision.



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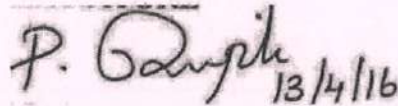
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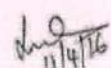
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Certified that this project report “**PSO BASED ULCER DETECTION USING WIRELESS CAPSULE ENDOSCOPY DIAGNOSIS**” is the bonafide work of **DHUWARAKSH P(210612106020), SATHYA NARAYANAN V(210612106084), VIJAY J (210612106101)** who carried out the project work under my supervision.

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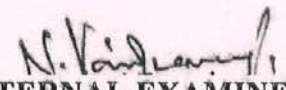
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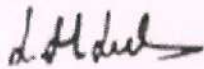

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Certified that this project report “**BIDIRECTIONAL THERMOELECTRIC ENERGY GENERATOR AND MONITERING POWER CONSUPTION**” is the bonafide work of **SELVAKUMAR E(210612106085), VENKATESH N(210612106097), LAKSHMI NARAYANNAN (210612106308)**” who carried out the project work under my supervision.



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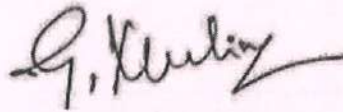
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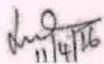
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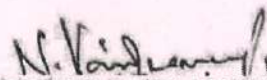


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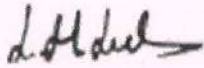
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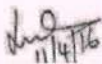
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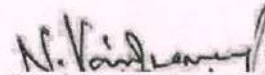


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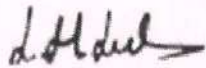
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Certified that this project report "PROLIFERATE QoS/QoE AND ENHANCED SECURITY USING DISTRIBUTED HANDOVER TECHNIQUE IN VANETS" is the bonafide work of RUKMANI R(210612106076), SEETAL MARY A (210612106088), UMayal A L (210612106094)" who carried out the project work under my supervision.



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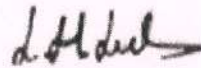
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Certified that this project report "BIOMEDICAL SIGNAL MONITORING IN A TELEMEDICINE SYSTEM FOR EMERGENCY MEDICAL SERVICES USING MECHANICAL SETUP" is the bonafide work of RAJESHWARI D(210612106070), VISHNU PRIYA R (210612106107)" who carried out the project work under my supervision.



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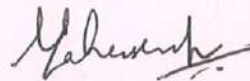
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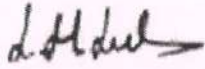


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Certified that this project report “**DESIGN OF HEARING AID USING VARIABLE BANDWIDTH FILTER**” is the bonafide work of **PRIYADHARSHINI N(210612106064), VEDHARANYA B (210612106095), VEMBARRASI P(210612106096)**” who carried out the project work under my supervision.



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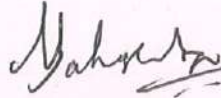
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DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2015-2016 (EVEN SEMESTER)

ME2453 - PROJECT WORK DETAILS

BATCH: 2012-2016

TOTAL STRENGTH : 129

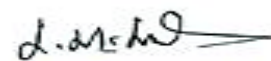
YEAR / SEM : IV / 08

NO OF BATCHES : 40

S.No.	BATCH NO.	REG.NO	STUDENT NAME	PROJECT TITLE
1	A1	210612114023	GANGADHARAN P	Study and design of loading and unloading conveyor facility for new online colour coding and rust preventive coating machine
2		210612114045	KATHIRAVAN R	
3		210612114066	NAVEEN PRAKASH M	
4		210612114102	SURJETH U	
5	A2	210612114027	GOWTHAMAN S	Optimized muffler design for less noise
6		210612114037	JOHN JERICKE GIBSON S	
7		210612114049	LOGESH M	
8		210612114050	LOGESH KUMAR M	
9	A3	210612114013	BALASINGAM K	Analysing the process parameters of friction stir welding on dissimilar aluminium alloys
10		210612114048	LAKSHMIPATHI K S	
11		210612114071	PRADEEP P	
12	A4	210612114011	BALAJI P	Analysis on influence of varying compression ratio in biodiesel
13		210612114051	LOKESH C	
14	A5	210612114026	GOWTHAM A	Investigation on effect of cryogenics on laser sintered bio compatible materials
15		210612114108	VIGNESH G	
16		210612114112	VIJAY T	
17		210612114701	RAKESH V	
18	A6	210612114004	ALLWIN YOVA XAVIER P D	A sustainable and eco-friendly fuelling approach for direct injection diesel engines using restaurant yellow grease and n-pentanol

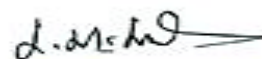
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19	A7	210612114020	DINESH KUMAR K	Influence of process parameters on Nylon-66 using abrasive water jet machining
20		210612114036	JEROME PRAVEEN S	
21		210612114038	JOHNNAPIER A	
22		210612114063	MUTHUKUMAR R	
23	A8	210612114021	EKESH K	Analysis of emission using alcohols in direct injection diesel engine fuelled with waste plastic oil
24		210612114090	SARATH KRISHNAN R	
25		210612114110	VIGNESHWARAN R	
26		210612114305	NARESH K	
27	A9	210612114005	ANBU SELVAN M	Parked automotive cabin temperature reducer
28		210612114039	JULES ANTONY S	
29		210612114105	TAMILARASAN S	
30		210612114304	NAGA RAJA KUMAR P	
31	A10	210612114075	PRAVIN JOE M	Design and modification of solar sprayer for improving its performance and efficiency
32		210612114312	VIGNESH S	
33	A11	210612114009	ARUN PRAKASH P	CFD flow analysis and simulation of turbocharger components
34		210612114055	MARAN J	
35		210612114062	MUKESH KANNAN R	
36		210612114113	VINODHA M	
37	A12	210612114012	BALAMURALI A	Magneto rheological abrasive flow finishing process
38		210612114018	DHINESH KUMAR R	
39		210612114107	VELMURUGAN S	
40		210612114301	ASHOK KUMAR D	
41	A13	210612114019	DILIBAN B	Exhaust gas power generation
42		210612114054	MAHI P S	
43		210612114103	SYLENDRABABU R	
44		210612114307	PIRUDHIVIRAJAN E	
45	A14	210612114052	MAGESH KUMAR S	Performance and emission analysis of methyl ester and alcohol blend in IC engine
46		210612114070	PRADEEP K	
47		210612114099	SURENDRAN R	



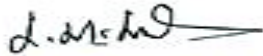
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48		210612114115	VINOTH KUMAR V	
49	A15	210612114002	ABIMANYOU M	Optimization of process parameters to investigate the mechanical properties of biocompatible material by rapid prototyping
50		210612114007	ANTONY PRAKASH VIGNESH	
52		210612114028	GUGAN R	
52		210612114031	HARIKUMAR S	
53	A16	210612114114	VINOJ KIRAN I	Study on effect of shallow cryogenic treatment on the surface modified aluminium AA6061 alloy by chemical vapour deposition method
54	A17	210612114015	BASKAR SEDUPATHI N	Fabrication and conceptual model of effective take-off and landing of aircraft using maglev
55		210612114017	DEEPAK MELWANI J	
56	A18	210612114086	RINO RICHARD A	Water generation from atmospheric air
57		210612114093	SHARVAN KUMAR M	
58		210612114310	SHREYAS M	
59	A19	210612114046	KISHORE KUMAR K	Experimental investigation on flame stabilization by using ring type v-gutter
60		210612114082	RAMKUMAR G	
61		210612114083	RAVIKUMAR S	
62	A20	210612114056	MARIA FRANKLIN JEROME M	Investigation of metallurgical and mechanical properties of metal matrix composite of Al alloy
63		210612114064	NAVEEN T	
64		210612114076	PRITHIVI M	
65		210612114104	TAMILARASAN R	
66	B1	210612114006	ANISH V	Emission, combustion and performance characteristics of a DI diesel engine fuelled with n-octanol/diesel blends
67	B2	210612114047	KRISHNA MURTHY V	Mechanical properties of boron carbide particulate with Al-Mg alloy
68	B3	210612114069	NIRANJAN KUMAR R	Emission control in direct injection diesel engine using n-hexanol and cyclohexonal as a blending agent with EGR
69	B4	210612114044	KARTHIK RAJA B	Automatic pneumatic three axis trailer using three cylinders
70		210612114059	MEI PRASANTH KUMAR V	

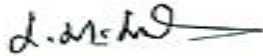


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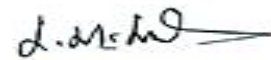
71		210612114097	SUGANTHAN A	
72		210612114311	SUMAN D S	
73	B5	210612114008	ARUN KUMAR P	Analysis on second generation bio-fuel
74		210612114041	KANNADASAN S	
75		210612114053	MAHESH S V	
76		210612114057	MARIA MELKY S	
77	B6	210612114003	AKASH DONEL R K	Characterization and corrosion studies of different coating by using polarization test
78		210612114014	BALASUBRAMANIAN R R	
79		210612114022	EZHILRASAN C	
80		210612114068	NEWTON SOLOMON RAJ R	
81	B7	210612114034	JANASANTHOSH P	Experimental investigation on biodiesel as a potential alternative
82		210612114106	THIRUMURUGAKALEESVARAN	
83		210612114111	VIJAY B	
84		210612114116	WILLFRED SYRIL M	
85	B8	210612114033	ISAAC R	Emission analysis of diesel-alcohol-biodiesel blend in constant speed CI engine
86		210612114079	RAJA D	
87		210612114095	SUBASH S	
88		210612114096	SUDHARSHAN S	
89	B9	210612114100	SURIYA NARAYANAN S	Investigation of energy density and orientation on laser sintered biocompatible material
90		210612114101	SURIYA RAJA KUMARAN S	
91		210612114078	RAGHUL J	
92	B10	210612114302	DHINAKARAN K	Numerical modelling and analysis of transient thermal response of moving laser source on AiSi 316L stainless steel plate during welding
93		210612114303	JAGADISH M	
94		210612114306	PARTHASARATHI R	
95		210612114308	RAJA T	
96	B11	210612114001	AADITH NATRAJ G	GPS aided transmission system
97		210612114035	JASPER SHARON FERDINAND	
98		210612114040	KAMALESH BABU N	


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99	B12	210612114089	SARATH S P	Design of punching for low-cost approach
100		210612114091	SENTHIL KUMAR S	
101		210612114092	SHANTHOSH S	
102		210612114094	SIDDARTH G	
103	B13	210612114010	ARVINTH RA	Design and optimization of seashore cleaner
104		210612114060	MIDHUNKUMAR R	
105		210612114088	SANTHOSH K	
106		210612114098	SUGUMAR D	
107	B14	210612114077	PRITHIVIRAJ A	Study on effect of shallow cryogenic treatment on the surface roughness of Al6061 using milling operation
108		210612114081	RAMASAMY M	
109		210612114085	REJOY PAUL A	
110		210612114061	MOHAMED HAREES J	
111	B15	210612114032	HARSHAKUMAR B	Alternative method for purification of water using dynamo and reverse osmosis
112	B16	210612114025	GOKULAKRISHNAN M	Using egg shell composite material for the replacement of conventional material
113		210612114029	HARIHARAN L	
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115	B17	210612114065	NAVEEN KUMAR N	Optimization of process parameter in abrasive water jet machining of EN24
116		210612114067	NAVEENRAJ N	
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118	B18	210612114024	GOBINATH S	Microstructure and wear analysis of different coatings by PVD method
119		210612114030	HARIHARAN NV	
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126	B20	210612114016	DEEPAK V	Tribological behaviour of metal matrix composite aluminium alloy
127		210612114072	PRAKASH A	
128		210612114074	PRAVEEN KUMAR S	
129		210612114080	RAJKUMAR D	



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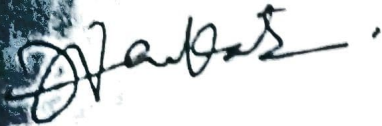
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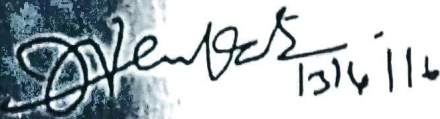
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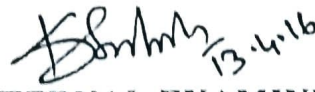
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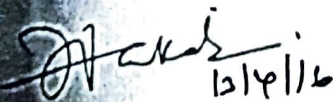
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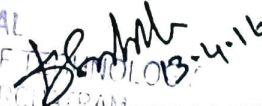
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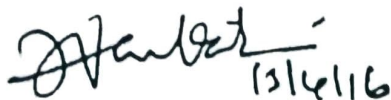


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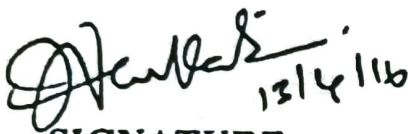
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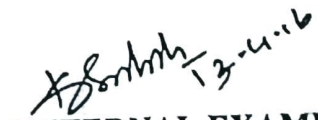
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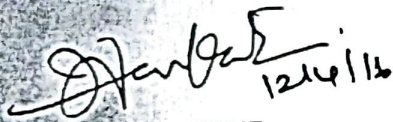

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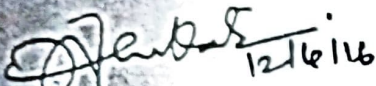



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12/16/16

INTERNAL EXAMINER



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KUTNAM, SRI PERUMBUDHUR,
SRIPERUMBUDHUR - 631604



EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "FABRICATION AND CONCEPTUAL MODEL OF EFFECTIVE TAKE-OFF AND LANDING OF AIRCRAFT USING MAGLEV" is the bonafide work of "N. BASKAR SEDUPATHI and J. DEEPAK MELWANI" who carried out the project work under my supervision.

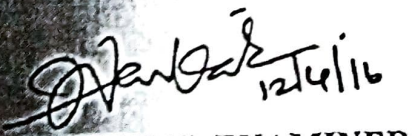

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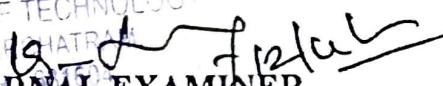
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INTERNAL EXAMINER


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KUNNAM, SRI PERUMBUDUR, CHENNAI
SRIPERUMBUDUR

EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "STUDY ON EFFECT OF SHALLOW CRYOGENIC TREATMENT ON THE SURFACE MODIFIED ALLUMINUM AA6061 ALLOY BY CHEMICAL VAPOUR DEPOSITION METHOD" is the bonafide work of "I.VINOJ KIRAN" who carried out the project work under my supervision.



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INTERNAL EXAMINER



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PRINCIPAL
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KUNNAM, SUBBIVARCHATHRAM,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "OPTIMIZATION OF PROCESS PARAMETER TO INVESTIGATE THE MECHANICAL PROPERTIES OF BIOCOMPATIBLE MATERIAL BY RAPID PROTOTYPING" is the bonafide work of "M.ABIMANYOU, S.ANTONY PRAKASH VIGNESH, R.GUGAN and S.HARIKUMAR" who carried out the project work under my supervision.


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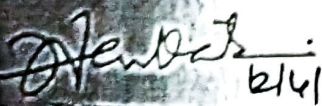


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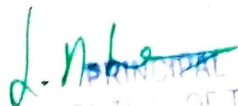
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Submitted for the Examination held on 12.04.16.


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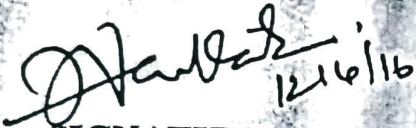
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BONAFIDE CERTIFICATE

Certified that this project report "PERFORMANCE AND EMISSION ANALYSIS OF METHYL ESTER AND ALCOHOL BLEND IN IC ENGINE" is the bonafide work of "S.MAGESH KUMAR, K.PRADEEP, R.SURENDRAN AND V.VINOTH KUMAR" who carried out the project work under my supervision.


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12/16/16

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Certified that this project report "EXHAUST GAS POWER GENERATION" is the bonafide work of "DILIBAN.B, MAHI.P.S, SYLENDRABABU.R, PIRUDHIVIRAJAN.E" who carried out the project work under my supervision.


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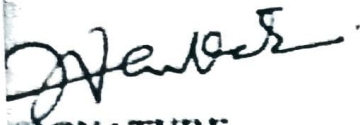

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BONAFIDE CERTIFICATE

Certified that this project report "MAGNETO RHEOLOGICAL ABRASIVE FLOW FINISHING PROCESS" is the bonafide work of "BALAMURALLA, DHINESH KUMAR.R, VELMURUGAN.S, ASHOK KUMAR.D" who carried out the project work under my supervision.



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INTERNAL EXAMINER
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SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "CFD FLOW ANALYSIS AND SIMULATION OF TURBOCHARGER COMPONENTS" is the bonafide work of "P. ARUN PRAKASH , J.MARAN , R. MUKESH KANNAN and M. VINODHA" who carried out the project work under my supervision.


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INTERNAL EXAMINER


EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND MODIFICATION OF SOLAR SPRAYER FOR IMPROVING ITS PERFORMANCE AND EFFICIENCY" is the bonafide work of "PRAVIN JOE.M (210612114075) and VIGNESH.S (210612114312)" who carried out the project work under my supervision.


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KUNNAM, SRI PERUMBUDUR
SRI PERUMBUDUR

EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "PARKED AUTOMOTIVE CABIN TEMPERATURE REDUCER" is the bonafide work of "M.ANBU SELVAN, S.JULES ANTONY, S.TAMILARASAN and P.NAGARAJA KUMAR" who carried out the project work under my supervision.



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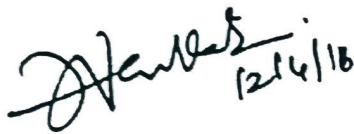
EXTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SRIPERUMBUDUR,
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "ANALYSIS OF EMISSION USING ALCOHOLS IN DIRECT INJECTION DIESEL ENGINE FUELED WITH WASTE PLASTIC OIL" is the bonafide work of "K.EKESH, R.SARATH KRISHNAN, R.VIGNESHWARAN, K.NARESH" who carried out the project work under my supervision.


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Submitted for the Examination held on

12.04.16.


12/4/16
INTERNAL EXAMINER


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BONAFIDE CERTIFICATE

Certified that this project report "INFLUENCE OF PROCESS PARAMETERS ON NYLON66 USING ABRASIVE WATER JET MACHINING" is the bonafide work of "K.DINESH KUMAR, S.JEROME PRAVEEN, A.JOHN NAPIER and R.MUTHUKUMAR" who carried out the project work under my supervision.


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INTERNAL EXAMINER


D.N.K.

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12/4/16
EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "A SUSTAINABLE AND ECO-FRIENDLY FUELING APPROACH FOR DIRECT INJECTION DIESEL ENGINES USING RESTAURANT YELLOW GREASE AND N-PENTANOL" is the bonafide work of "P.D. Allwin Yova Xavier (210612114012)" who carried out the project work under my supervision.



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Submitted for the Examination held on 12.04.16.



INTERNAL EXAMINER



EXTERNAL EXAMINER



BONAFIDE CERTIFICATE

Certified that this project report "INVESTIGATION ON EFFECT OF CRYOGENICS ON LASER SINTERED BIO COMPATIBLE MATERIALS" is the bonafide work of "A.GOWTHAM, G.VIGNESH, T.VIJAY and V.RAKESH" who carried out the project work under my supervision.



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Submitted for the Examination held on 12-04-2016



INTERNAL EXAMINER



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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SRIPERUMBUDUR, CHENNAI (63)
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "ANALYSIS ON INFLUENCE OF VARYING COMPRESSION RATIO IN BIODIESEL" is the bonafide work of "LOKESH.C AND BALAJI.P" who carried out the project work under my supervision.


12/4/16

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KUNNAM, SRIPERUMBUDUR, CHENNAI,
SRIPERUMBUDUR - 631 604.


12/4/16

INTERNAL EXAMINER


12/4/16

EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

Certified that this project report "ANALYSING THE PROCESS PARAMETERS OF FRICTION STIR WELDING ON DISSIMILAR ALUMINIUM ALLOYS" is the bonafide work of "K.BALASINGAM, K.S.LAKSHMIPATHI and P.PRADEEP" who carried out the project work under my supervision.



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INTERNAL EXAMINER



EXTERNAL EXAMINER




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BONAFIDE CERTIFICATE

certified that this project report "OPTIMIZED MUFFLER DESIGN FOR LESS NOISE" is the bonafide work of "M.LOGESH, M.LOGESH UMAR, S.GOWTHAMAN and S.JOHN JERIKE GIBSON" who carried out the project work under my supervision.


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12/6/16

INTERNAL EXAMINER


12/6/16

EXTERNAL EXAMINER


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PRINCIPAL

JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAMBOLO, SRIRAMPET, SRIPERUMBUDUR.
SRIPERUMBUDUR - 631604.

BONAFIDE CERTIFICATE

Certified that this project report "STUDY AND DESIGN OF LOADING AND UNLOADING CONVEYOR FACILITY FOR NEW ONLINE COLOUR CODING AND RUST PREVENTIVE COATING MACHINE" is the bonafide work of "P.GANGADHARAN, R.KATHIRAVAN, M.NAVEEN PRAKASH, U.SURJETH" who carried out the project work under my supervision.


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Dr. T. Venkatamuni Ph.D.,

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JEPPIAAR INSTITUTE OF TECHNOLOGY
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INTERNAL EXAMINER


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JEPPIAAR INSTITUTE OF TECHNOLOGY

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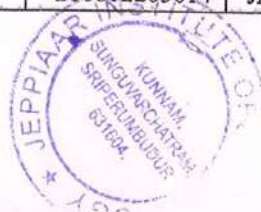
Academic Year 2015-2016 (EVEN SEMESTER)

IT2451 - PROJECT WORK DETAILS

BATCH: 2012-2016
YEAR / SEM: IV / 08

TOTAL STRENGTH : 63
NO OF BATCHES : 20

S.NO.	BATCH NO.	REGISTER NO	STUDENT NAME	TITLE OF THE PROJECT
1	1	210612205001	AISHWARYA LAKSHMI J	-
2	2	210612205002	ANUSH M	FISHERMEN'S WINGMEN
3		210612205005	BALAJI S	
4		210612205025	MAGESH KUMAR E	
5		210612205032	NAVEEN KUMAR A	
6	3	210612205003	ASADULLAH A	ENERGY AWARE SCHEDULING OF MAP REDUCE JOBS FOR BIG DATA APPLICATIONS
7		210612205009	GANESH T	
8		210612205019	KATHIRAVAN K	
9	4	210612205056	SRIVATSAN G K	BLENDING OF IMAGES USING DISCRETE WAVELET TRANSFORM
10		210612205004	ASWIN P	
11		210612205052	SHANMUGARAJA G	
12	5	210612205055	SIVARAJ N	ONTOLOGY BASED IMAGE RETRIEVAL FRAMEWORK USING QUALITATIVE SEMANTIC IMAGE DESCRIPTIONS
13		210612205006	BHAVANI SHANKAR SHA P S K	
14	6	210612205030	NAGA SAI KUMAR P	ALERTING DRIVERS TO AVOID OBSTACLES WITH ULTRASONIC SENSOR USING RASPBERRY PI
15		210612205007	DEEPA P	
16		210612205008	DHANALAKSHMI S	
17		210612205018	JENIFER A	
18	7	210612205059	SURYAPRABHA J	SMARTCASA – AN HOME AUTOMATION CONTROL USING ANDROID
19		210612205010	GNANASEKAR S	
20		210612205061	VINOTH KUMAR N	
21		210612205062	VISHAL J	
22	8	210612205063	ZAKIR HUSSAIN T A	AN INTERNET OF THINGS APPROACH FOR MOTION DETECTION USING RASPBERRY PI
23		210612205011	HEMAMALINI S	
24		210612205041	RAJALAKSHMI P	
25		210612205047	SADHIYAYINI M	
26	9	210612205060	TAMILMAGAL P	AN IMPROVED AUTHENTICATION TECHNIQUE
27		210612205012	INDU S M	
28		210612205014	JAEYSHREE K K	



d. n. kel

JIT/COMMON/FORM-27

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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SINGUVARCHATRAM,
SRIPERUMBUR, TAMIL NADU

29		210612205043	REETH PEMMAIAH K	FOR ACCESSING DE-DUPLICATED DATA FROM CLOUD USING ONE TIME PASSWORD
30		210612205044	RIA PEMMAIAH K	
31	10	210612205013	ISHWARIYA C	DETECTION OF CANCER CELL IN MAMMOGRAM USING REGION BASED MINNING
32		210612205016	JAYSEELI A	
33		210612205024	LAKSHMIPRIYA S	
34	11	210612205017	JEEVA D	MONITORING CRACKS AND OBSTACLES IN RAILWAY TRACKS USING ARM
35		210612205020	KAVIN S	
36		210612205040	RAGESH KUMAR A	
37	12	210612205022	KEERTHANA H	BIG DATA REDUCTION USING DRBFNN FOR PREDICTION OF KIDNEY FAILURE IN E-HEALTH PLATFORM
38		210612205039	PREETHI S	
39		210612205053	SHARMILA S	
40	13	210612205023	KIRUTHIKA J	NAIVE BAYES CLASSIFICATION OF SECURE ENCRYPTED DATA IN CLOUD
41		210612205026	MALATHY S	
42		210612205029	MUTHULAKSHMI N	
43		210612205037	PRAVEENA T	
44	14	210612205027	MANGALNATH M	PROCESSING DATA USING UAPI BY RANDOM KEY GENERATION IN CLOUD
45		210612205033	NAVIN T	
46		210612205045	RICHARD FRANCIS C J	
47		210612205301	MADHAVAN.M	
48	15	210612205028	MANIKANDAN S	SPONTANEOUS GENERATION OF THE DOMAIN MODULE FROM ELECTRONIC TEXTBOOKS: TEXT MINING
49	16	210612205031	NANDHAKUMAR M	DEPLOYMENT OF ARCHITECTURE OF BIGDATA IN REAL-TIME FOR IMPLEMENTATION OF REMOTE SENSING APPLICATION
50		210612205046	SABIBULLAH S	
51		210612205054	SIBI CHAKRAVARTHY M	
52	17	210612205034	NISHANTHI S	DATA TRANSMISSION THROUGH VISIBLE LIGHT COMMUNICATION USING LI-FI TECHNOLOGY
53		210612205038	PREETHI S	
54		210612205049	SATHURTHANA S	
55	18	210612205035	PARAMESWARI B	PREVENTION OF HEAVY VEHICLE ACCIDENT USING RASPBERRY PI
56		210612205042	RAMYA S	
57		210612205048	SARANYA M	
58		210612205050	SATHYA D	
59	19	210612205015	JAYACHITRA L	AN OVERVIEW OF PERSONALIZED RECOMMENDATION SYSTEM TO IMPROVE WEB NAVIGATION
60		210612205036	POOJA KARPAGAM R	
61		210612205057	SUBHASHINI V	
62		210612205058	SUJEETHRA S	
63	20	210612205051	SATHYANARAYANAN G	SECURITY SURVEILLANCE USING BACKGROUND SUBTRACTION



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SRIPERUMBUDUR - 631604.

JIT/COMMON/FORM-27

FISHERMEN'S WINGMEN

A PROJECT REPORT

Submitted by

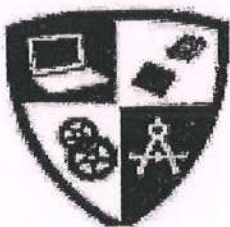
M.Anush	(210612205002)
S.Balaji	(210612205005)
E.Magesh Kumar	(210612205025)
A.Naveen Kumar	(210612205032)

In partial fulfilment for the award of the degree
of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY, SRIPERUMBUDUR

ANNA UNIVERSITY: CHENNAI 600 025

APRIL 2016

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PRINCIPAL
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SRIPERUMBUDUR - 631604.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "FISHERMEN'S WINGMEN" is the bonafide work of "M.ANUSH (210612205002), S.BALAJI (210612205005), E.MAGESH KUMAR (210612205025) and A.NAVEEN KUMAR (210612205032)" who carried out the project work under my supervision.


Signature

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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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ENERGY AWARE SCHEDULING OF MAP REDUCE JOBS FOR BIG DATA APPLICATIONS.

A PROJECT REPORT

Submitted by

A.ASADULLAH	(210612205003)
T.GANESH	(210612205009)
K.KATHIRAVAN	(210612205019)
G.K.SRIVATSAN	(210612205056)

In partial fulfillment for the award of the degree of
BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



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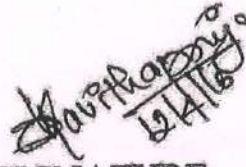
BONAFIDE CERTIFICATE

Certified that this project report "ENERGY AWARE SCHEDULING OF MAP REDUCE JOBS FOR BIG DTA APPLICATIONS" is the bonafide work of "A.ASADULLAH(210612205003), T.GANESH (210612205009), K.KATHIRAVAN (210612205019), G.K.SRIVATSAN (210612205056)" who carried out the project work under my supervision.



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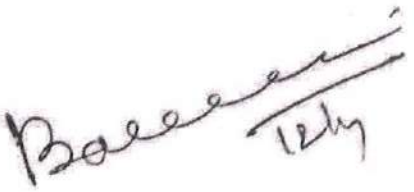
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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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**BLENDING OF IMAGES USING DISCRETE
WAVELET TRANSFORM**

A PROJECT REPORT

Submitted by

ASWIN.P (210612205004)
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In partial fulfillment for the award of the degree

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NAME

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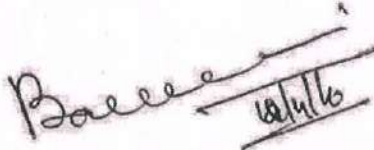
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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

**ONTOLOGY BASED IMAGE RETRIEVAL
FRAMEWORK USING QUALITATIVE SEMANTIC
IMAGE DESCRIPTIONS**

A PROJECT REPORT

Submitted by

NAGA SAI KUMAR.P

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BHAVANI SHANKAR SHA.P.S.K

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Certified that this project report "ONTOLOGY BASED IMAGE RETRIEVAL FRAMEWORK USING QUALITATIVE SEMANTIC IMAGE DESCRIPTIONS" is the bonafide work of "NAGA SAI KUMAR.P (210612205030), BHAVANI SHANKAR SHA.P.S.K (210612205006)" who carried out the project work under my supervision.


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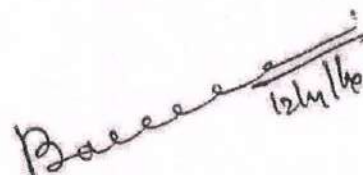

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ALERTING DRIVERS TO AVOID OBSTACLES WITH ULTRASONIC SENSOR USING RASPBERRY PI

A PROJECT REPORT

Submitted by

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Certified that this project report "ALERTING DRIVERS TO AVOID OBSTACLES WITH ULTRASONIC SENSOR USING RASPBERRY PI" is the bonafide work of "DEEPA.P (210612205007), DHANALAKSHMI.S (210612205008), JENIFER.A (210612205018), SURYAPRABHA.J (210612205059)" who carried out the project work under my supervision.



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SMARTCASA – AN HOME AUTOMATION CONTROL USING ANDROID

A PROJECT REPORT

Submitted by

VISHAL JEGADEESAN	210612205062
ZAKIR HUSSAIN T A	210612205063
VINOTH KUMAR N	210612205061
GNANASEKAR S	210612205010

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Certified that this project report "SMARTCASA – AN HOME AUTOMATION CONTROL USING ANDROID" is the bonafide work of "VISHAL JEGADEESAN (210612205062), VINOTH KUMAR N (210612205061), ZAKIR HUSSAIN T A (210612205063), GNANASEKAR S (210612205010)" who carried out the project work under my supervision.



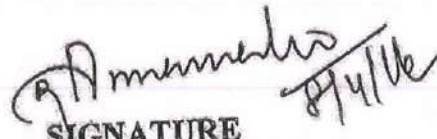
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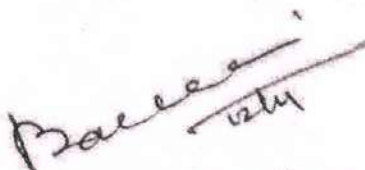
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PRINCIPAL
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**AN INTERNET OF THINGS APPROACH FOR MOTION
DETECTION USING RASPBERRY PI**

A PROJECT REPORT

Submitted by

HEMA MALINI S	210612205011
RAJALAKSHMI P	210612205041
SANDHIYAYINI M	210612205047
TAMILMAGAL P	210612205060

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BONAFIDE CERTIFICATE

Certificate that this project report "An Internet of Things approach for Motion Detection using Raspberry pi" is the bonafide work of "Hema malini S (210612205011), Rajalakshmi P (210612205041), Sandhiyayini M (210612205047) and Tamilmagal P (210612205060)" who carried out the Project work under my supervision.



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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY,
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AN IMPROVED AUTHENTICATION TECHNIQUE FOR ACCESSING DE-DUPLICATED DATA FROM CLOUD USING ONE TIME PASSWORD

A PROJECT REPORT

Submitted by

INDU S.M	(210612205012)
JAEYSHREE.K.K	(210612205014)
REETH PEMMAIAH.K	(210612205043)
RIA PEMMAIAH.K	(210612205044)

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BONAFIDE CERTIFICATE

Certified that this project report "An Improved Authentication Technique for Accessing De-duplicated Data from Cloud Using One Time Password" is the bonafide work of **INDU S. M. (210612205012)**, **JAEYSHREE K. K. (210612205014)**, **REETH PEMMAIAH K. (210612205043)**, **RIA PEMMAIAH K. (210612205044)** who carried out the project work under my supervision.



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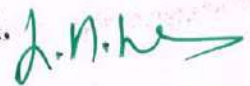
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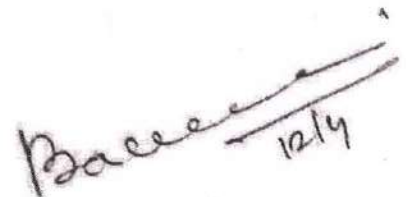
3. **REETH PEMMAIAH K.**

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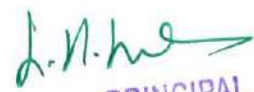
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**DETECTION OF CANCER CELL IN MAMMOGRAM
USING REGION BASED MINNING**

A PROJECT REPORT

Submitted by

ISHWARIYA.C (210612205013)

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In partial fulfillment for the award of the degree

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Certified that this project report "Detection Of Cancer Cell In Mammogram Using Region Based Mining" is the bonafide work of "ISHWARIYA.C (210612205013), JAYSEELIA (210612205016) and LAKSHMIPRIYA.S (210612205024)" who carried out the project work under my supervision.



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JEPPIAAR INSTITUTE OF TECHNOLOGY
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**MONITORING CRACKS AND OBSTACLES IN
RAILWAY TRACKS USING ARM**

A PROJECT REPORT

Submitted By

JEEVA D	210612205017
KAVIN S	210612205020
RAGESH KUMAR A	210612205040

In partial fulfillment for the award of the degree

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BONAFIDE CERTIFICATE

Certified that this project report "**MONITORING CRACKS AND OBSTACLES IN RAILWAY TRACKS USING ARM**" is a bonafide work of **JEEVA D(210612205017), KAVIN S(210612205020), RAGESH KUMAR A(210612205040)** " who carried out the project under my supervision.


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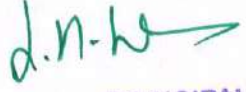
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PRINCIPAL
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**BIG DATA REDUCTION USING DRBFNN FOR
PREDICTION OF KIDNEY FAILURE IN E-HEALTH
PLATFORM**

A PROJECT REPORT

Submitted by

KEERTHANA.H (210612205022)
PREETHI.S (210612205039)
SHARMILA.S (210612205053)

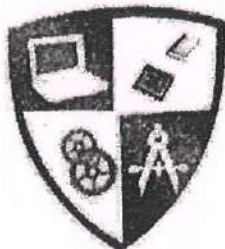
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Certified that this project report "Big Data Reduction using DRBFNN:A Predictive Model for Kidney Failure using E-Health Platform" is the bonafide work of H.KEERTHANA(210612205039),S.PREETHI (210612205039)and S.SHARMILA (210612205053)" who carried out the project work under my supervision


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ANNA UNIVERSITY:: CHENNAI 600 025

This project report is submitted for viva voice examination to be held on

/ /2016

NAME	REG. NUMBER
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2.PREETHI.S	(210612205039)
3. SHARMILA.S	(210612205053)


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PRINCIPAL
JEPPIAAR INSTITUTE OF TECHNOLOGY
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**NAIVE BAYES CLASSIFICATION OF SECURE ENCRYPTED DATA
IN CLOUD**

A PROJECT REPORT

Submitted by

KIRUTHIKA.J (210612205023)
MALATHY.S (210612205026)
MUTHULAKSHMI.N (210612205029)
PRAVEENA.T (210612205037)

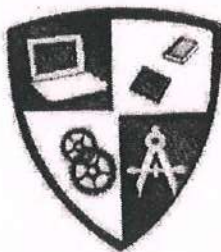
In partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY

ANNA UNIVERSITY :: CHENNAI-600 025

APRIL 2016

J.N.K.
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BONAFIDE CERTIFICATE

Certified that this project report "Naive bayes Classification of secure encrypted data in cloud" KIRUTHIKA J (210612205023),MALATHY S (210612205026), MUTHULAKSHMI N (210612205029),PRAVEENA T (210612205037) who carried out the project work under my supervision.



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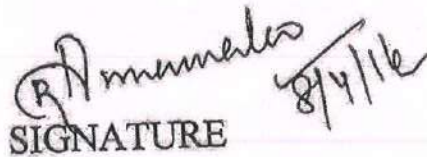
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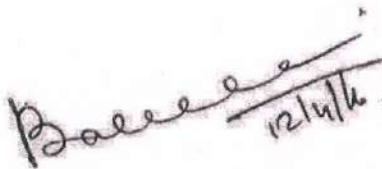
ANNA UNIVERSITY :: CHENNAI 600 025

This project report is submitted for viva voce examination to be held

on 12/04/ 2016

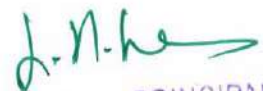
NAME	REG. NUMBER
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2. MALATHY.S	(210612205026)
3. MUTHULAKSHMI.N	(210612205029)
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**PROCESSING DATA USING UAPI BY RANDOM KEY
GENERATION IN CLOUD**

A PROJECT REPORT

Submitted by

MANGALNATH M.

(210612205027)

NAVIN T.

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RICHARD FRANCIS C.J.

(210612205045)

MADHAVAN M.

(210612205301)

In partial fulfillment for the award of the degree

of

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in

INFORMATION TECHNOLOGY



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BONAFIDE CERTIFICATE

Certified that this project report "Processing Data Using UAPI By Random Key Generating In Cloud" Is the bonafide work of "MANGALNATH.M (210612205027) , NAVIN.T (210612205033) , RICHARDFRANCIS.C.J (210612205045), MADHAVAN.M (210612205301)" who carried out the project work under my supervision.



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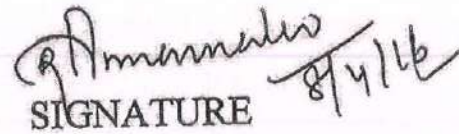
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Mr.R.ANNAMALAI

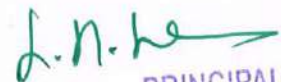
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Assistant Professor

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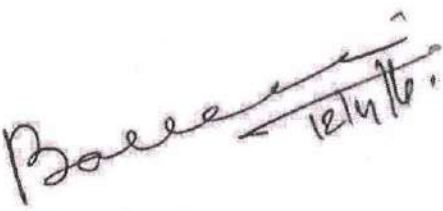
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RICHARD FRANCIS.C.J	(210612205045)
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PRINCIPAL
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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

SPONTANEOUS GENERATION OF THE DOMAIN MODULE FROM ELECTRONIC TEXTBOOKS: TEXT MINING.

A PROJECT REPORT

Submitted by

MANIKANDAN.S

(210612205028)

In partial fulfillment for the award of the degree

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BACHELOR OF TECHNOLOGY

in

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APRIL 2016

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BONAFIDE CERTIFICATE

Certified that this project report "Spontaneous Generation of the Domain Module from Electronic Textbooks: Text Mining" is the bonafide work of "MANIKANDAN.S (210612205028)" who carried out the project work under my supervision.


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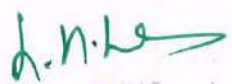
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NAME

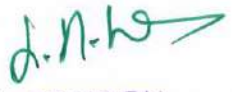
1. MANIKANDAN.S

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JEPPIAAR INSTITUTE OF TECHNOLOGY
KUNNAM, SUNGUVARAI GRAM,
SRIPERUMBUDUR - 631604.

DEPLOYMENT OF ARCHITECTURE OF BIGDATA IN REAL-TIME FOR IMPLEMENTATION OF REMOTE SENSING APPLICATION

A PROJECT REPORT

Submitted by

NANDHAKUMAR M. (210612205031)

SABIBULLAH S. (210612205046)

SIBI CHAKRAVARTHY M. (210612205054)

In partial fulfillment for the award of the degree

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BONAFIDE CERTIFICATE

Certified that this project report "A Deployment of Architecture of BigData in Real-Time for Implementation of Remote Sensing Application" is the bonafide work of "NANDHAKUMAR M. (210612205031), SABIBULLAH S. (210612205046), SIBI CHAKRAVARTHY M. (210612205054)" who carried out the project work under my supervision.


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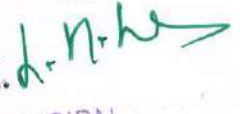
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This project report is submitted for viva voce examination to be held on 12/04/2016.

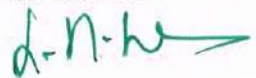
NAME

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|-------------------------|----------------|
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SRIPERUMBUDUR, CHENNAI - 631604.

**DATA TRANSMISSION THROUGH VISIBLE LIGHT
COMMUNICATION USING LI-FI TECHNOLOGY**

A PROJECT REPORT

Submitted by

NISHANTHI S	210612205034
PREETHI S	210612205038
SATHURTHANA S	210612205049

*In partial fulfillment for the award of the degree
of*
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in
INFORMATION TECHNOLOGY



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SRIPERUMBUDUR - 631604.**

APRIL 2016



ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Data Transmission through Visible Light Communication Through Lifi Technology" is the bonafide work of Nishanthi S (210612205034), Preethi S (210612205038), Sathurthana S(210612205049) who carried out the project work under my supervision


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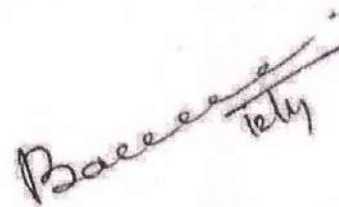
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SRIPERUMBUDUR CHENNAI-631604


PRINCIPAL
KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604

PREVENTION OF HEAVY VEHICLE ACCIDENT USING RASPBERRY PI

A project report

Submitted by

PARAMESWARI B	(210612205035)
RAMYA S	(210612205042)
SARANYA M	(210612205048)
SATHYA D	(210612205050)

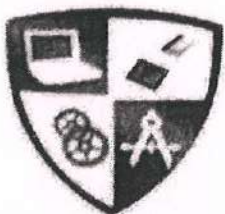
In partial fulfilment for the award of the degree

Of

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in

INFORMATION TECHNOLOGY



JEPPIAAR INSTITUTE OF TECHNOLOGY

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KUNNAM, SUNGUVARCHATRAM,
SRIPERUMBUDUR - 631604.

APRIL 2016

ANNA UNIVERSITY::CHENNAI 600 025

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Certified that this project report "Prevention of Heavy Vehicle Accident using Raspberry Pi" is the bonafide work of "PARAMESWARI B (210612205035), RAMYA S (210612205042), SARANYA M (210612205048) and SATHYA D (210612205050)" who carried out the project work under my supervision.



Signature

Dr.M.Prakash

Head Of the Department

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Signature

Dr.M.Prakash

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4. SATHYA D

(210612205050)

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Internal Examiner

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External Examiner

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JEPPIAAR INSTITUTE OF TECHNOLOGY,

**AN OVERVIEW OF PERSONALIZED
RECOMMENDATION SYSTEM TO IMPROVE WEB
NAVIGATION**

A PROJECT REPORT

Submitted by

L. JAYACHITRA	(210612205015)
R. POOJA KARPAGAM	(210612205036)
V. SUBHASHINI	(210612205057)
S. SUJEETHRA	(210612205058)

In partial fulfillment for the award of the degree

Of

BACHELOR OF TECHNOLOGY

In

INFORMATION TECHNOLOGY



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JEPPIAAR INSTITUTE OF TECHNOLOGY

**ANNA UNIVERSITY:: CHENNAI-600 025
APRIL 2016**

ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "An overview of personalized recommendation system to improve web navigation" is the bonafide work of "L.JAYACHITRA (210612205015), R.POOJA KARPAGAM (210612205036), V.SUBHASHINI (210612205057) and S.SUJEETHRA (210612205058)" who carried out the project work under my supervision.


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3. V. SUBHASHINI	(210612205057)
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JEPPIAAR INSTITUTE OF TECHNOLOGY,

SRIPERUMBUDHUR CHENNAI-631604

SECURITY SURVEILLANCE USING BACKGROUND SUBTRACTION

A PROJECT REPORT

Submitted by

G.SATHYANARAYANAN

(210612205051)

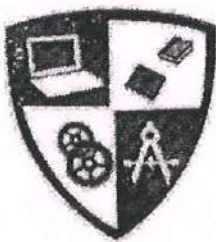
In partial fulfillment for the award of the degree

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JEPPIAAR INSTITUTE OF TECHNOLOGY

ANNA UNIVERSITY:: CHENNAI-600 025

APRIL 2016

ANNA UNIVERSITY:: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Security Surveillance Using Background Subtraction" is the bonafide work of "G.SATHYANARAYANAN (210612205051)" who carried out the project work under my supervision.


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Ms.C.J.KAVITHAPRIYA
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