



K S R Institute for Engineering and Technology

Tiruchengode, Namakkal(Dt) , Tamil Nadu

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

BE (CSE,EEE,ECE,Mech)&B.Tech (IT) Programmes are Accredited by NBA

1.3.2 The attendance sheet/certificate of successful completion of project work by competent authority of the organizations

For the Academic Year 2019– 2020

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Principal

Date :05.10.2021

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This is to certify that the UG & PG Anna University End Semester Practical Examinations April/May 2020 (2019-2020: Even) were not conducted due to COVID-19. So, the Internal Examiner & External Examiner signatures are not present in the Project Work Report, Mini Projects Report & Laboratory Record documents.

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TIRUCHENGODE-637 215,
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report title "**E-DIRECTORY SERVICE MOBILE APPLICATION**" is the bonafide work of "**RAJA RAJAN A (731616104038), SWETHA B(731616104040), VASU MITHA R S (731616104042), KOMATHI S (731616104701)**" who carried out the project work under my supervision.


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Dr. B. KALAAVATHI

PROFESSOR & HEAD

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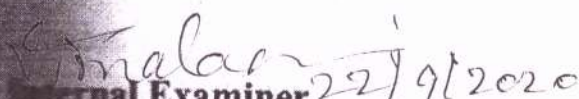
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Submitted for the Project Viva – Voce Examination held on 22.9.2020


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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled "**FAKE CURRENCY DETECTION USING IMAGE PROCESSING**" is the bonafide work of "**INDIRA PRIYADHARSHINI.P (731616104015), PRIYANKA.V (731616104030), STELINBERCIA.S (731616104038), and VENMATHI.S (731616104045)**" who carried out the project work under my supervision.


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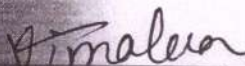
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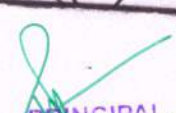
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BONAFIDE CERTIFICATE

Certified that this project report titled "IOT BASED ELECTROLYTE BOTTLE FOR HEALTHCARE" is the bonafide work of "DHARANI K (731616104009), JEEVITHA R (731616104017), MANJULA R (731616104021), PRAVEEN KUMAR M (731616104027)" who carried out the project work under my supervision.


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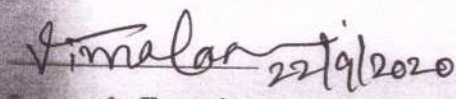
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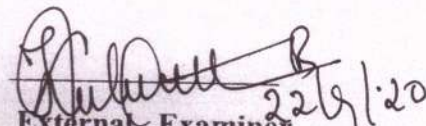
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Certified that this project report "SMART F2C PROFILING BASED ON CULTIVAT PRODUCT DIRECT MARKETING SYSTEM" is the bonafide work of "P.AJI KUMAR, E.MEGASURIYAN, G.VIGNESH" who carried out the project work under supervision.


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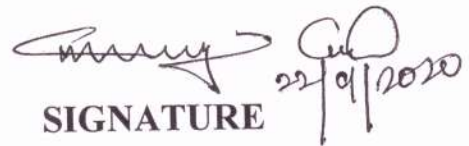
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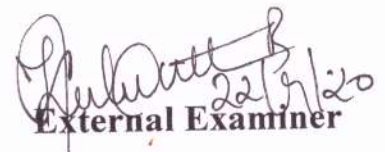
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LAXMANCIBI S (731616104019), MOHAMMED SAMIR A
(731616104023), " who carried out the project work under my supervision.


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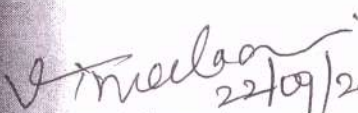
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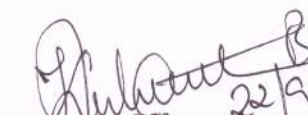
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Certified that this project report titled "WASTE SEGREGATION MANAGEMENT USING IOT" is the bonafide work of "SRUTHI.S (731616104037) , SHILPA.B (731616104035) , JAYAVARSHINI.G (731616104016) , SUBHASREE.S (731616104039)" who carried out the project work under my supervision.


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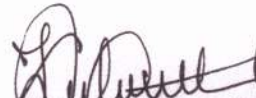
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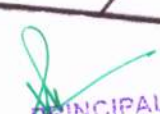
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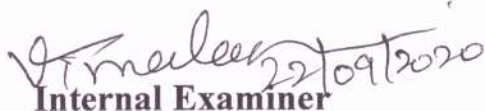
ASSOCIATE PROFESSOR

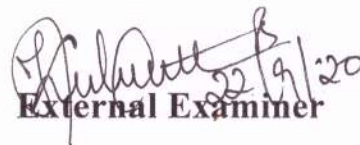
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Certified that this project report “**INTER-VLAN WITH NAT IN CLOUD**” is the bonafide work of “**BARATH K, KRISHNAGANTH TA, VISVESWARAN B, MUNUSAMY R**” who carried out the project work under my supervision.


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ASSISTANT PROFESSOR

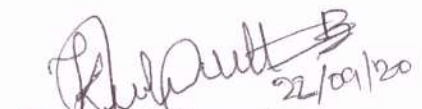
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ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report titled "AUTOMATED RATION DISTRIBUTION SYSTEM" is the bonafide work of "DEVI GAYATHRI S (731616104008), GOWRI S (731616104010), HARIINI R (731616104012), INDHU R (731616104036)" who carried out the project work under my supervision.


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Mrs. S. VIMALA M.E.,

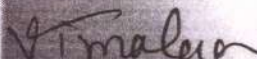
ASSISTANT PROFESSOR

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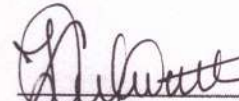
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Certified that this project report titled "BETTER AND FASTER EMERGENCY CARE DURING ACCIDENTS AND VEHICLE IMPACT" is the bonafide work of "ANISHA.N (731616104003), ILAKIYA.S (731616104013), SELVAMALINI.J (731616104034), SOUNDHARYA.A (731616104036)" who carried out the project work under my supervision.


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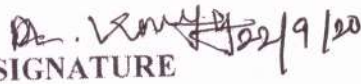
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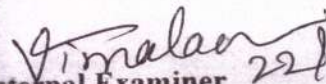
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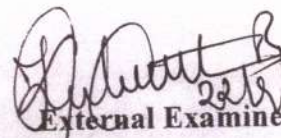
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Certified that this project report titled "ALUMNI TRACKING SYSTEM" is the bonafide work of "ARUN.R (731616104004), PUGAZHIVELAN.P (731616104031), and VELUPRABHA.S (731616104043)" that carried out the project work under my supervision.


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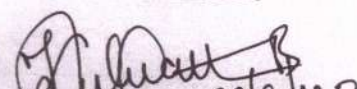
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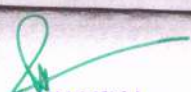
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Certified that this project report "MULTI VENDOR E-COMMERCE WEBSITE" is the bonafide work of "DEVA DHARSHINI S S (731616104007), SWETHA C (731616104041), YUVAPRIYANKA V (731616104048), SOWMIYA S (731616104502)" who carried out the project work under my supervision.


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Dr. B. KALAAVATHI

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Mr. V. GOPINATH

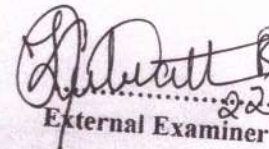
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “RANKING FRAMEWORK” is the bonafide work of “CHOWMIYA S B S(731617104007), POOJA SHREE K (731617104035), SANGEETHA M (731617104042), VAISHNAVI V (731617104050)” who carried out the project work under my supervision.


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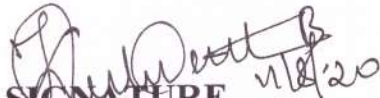

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External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “HOME DEVICE CONTROLLER IOT” is the bonafide work of “GUNA M (731617104017), HARIHARAN S (731617104018), POOVARASAN S (731617104036), SOUNDAR P (731617104047)” who carried out the project work under my supervision.



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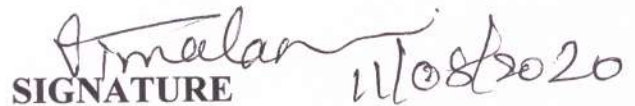
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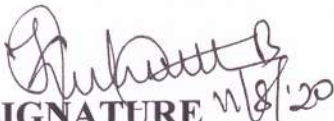
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NAMAKKAL DISTRICT, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “POLLUTION MONITORING AND CONTROLLING SYSTEM” is the bonafide work of “BOOPALAN V (731617104006), PRASANTH N (731617104038), SATHEESHKUMAR THANGAVEL (731617104044), VIGNESH M (731617104053)” who carried out the project work under my supervision.



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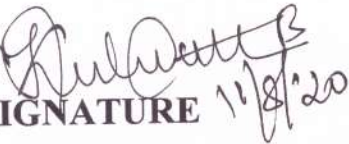
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K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DI, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “CANTEEN FOOD AUTOMATION” is the bonafide work of “GAYATHRI M (731617104015), SHARMILA A (731617104045), VEERALAKSHMI S (731617104052), YUVASHREE R (731617104058)” who carried out the project work under my supervision.



SIGNATURE 11/8/20

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Dr. B.KALAAVATHI

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External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “WEB APPLICATION DEVELOPMENT - ONLINE STORE” is the bonafide work of “ABINAYA S (731617104001), GAYATHRI M (731617104014), POOJA M (731617104034), VALENTEENA COLLINS J P (731617104051)” who carried out the project work under my supervision.



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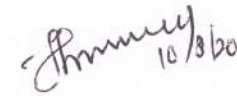
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External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "POOLING OF TRANSPORTATION FROM AGRICULTURAL PRODUCE TO MARKET" is the bonafide work of "DHARSHINI (731617104010), MENAGA T (731617104029), MOHANAPREYA N (731617104031) SNEHA P (731617104046)" who carried out the project work under my supervision.



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TIRUCHENGODE - 637 215
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “COVID-19 Contact Tracing Apps” is the bonafide work of “KRISHNAMOORTHY S(731617104026), PRASANTH T(731617104039), PURUSOTHAMAN R(731617104040), SANTHOSH KUMAR A(731617104043)” who carried out the project work under my supervision.



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NAMAKKAL Dt, TAMIL NADU.

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**TRACKING AND TRACING FAKE NEWS**” is the bonafide work of “**HARISH P (731617104020), KAILASH K (731617104021), KARTHIKEYAN S (731617104022), KESAVAN S (731617104023)**” who carried out the project work under my supervision.



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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**ANDROID BLOOD BANK SYSTEM**” is the bonafide work of “**SURYA K (731617104048), VIJAY S (731617104055), YOKESH E (731617104057)**” who carried out the project work under my supervision.



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NAMAKKAL DISTRICT, TAMIL NADU.

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ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report “BLOOD CANCER DETECTION USING IMAGE PROCESSING” is the bonafide work of “DINESHKUMAR K (731617104012), KOTEESHWARAN P N (731617104025), MADHAN KUMAR S (731617104701), DEEPAK J (731617104702)” who carried out the project work under my supervision.



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Mr.V.GOPINATH, M.E.,

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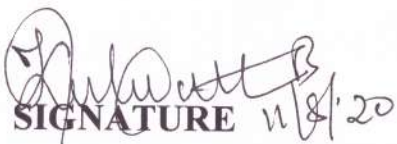
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Certified that this project report “**DEVELOPING A KEYBOARD FOR CODERS USING ANDROID STUDIO**” is the bonafide work of “**BABU R (731617104005), GOWTHAM G (731617104016), MARIMUTHU R (731617104028), PRAKASH V (731617104037)**” who carried out the project work under my supervision.


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NAMAKKAL DIST, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**ONLINE FOOD MANAGEMENT SYSTEM**” is the bonafide work of “**AGILAN R (731617104002), DEEPAK KUMAR J (731617104008), DERIL CHARLESS K (731617104009), ELANGO M (731617104013)**” who carried out the project work under my supervision.



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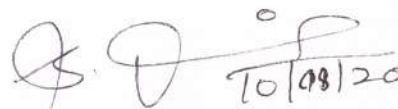
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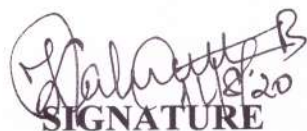
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NAMAKKAL DISTRICT, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “GAMERS SOCIAL MEDIA” is the bonafide work of “ARUN KUMAR N (731617104004), KISHOR P (731617104024) MANORANJITH M (731617104027), VIGNESH S (731617104054)” who carried out the project work under my supervision.



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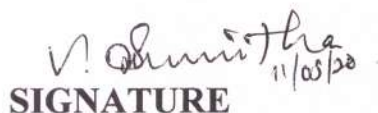
Dr. B.KALAAVATHI

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K. S. R. ROAD, TIRUCHENGODE,
TIRUCHENGODE - 637 215.

External Examiner

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "ARTIFICIAL INTELLEGEENCE
BASED TRAFFIC CONTROL SYSTEM FOR EMERGENCY
VEHICLES" is the bonafide work of "KAVIN KUMAR K.,
SARAVANAN V., SIBIN S., HARIHARAN R." who carried out the
project work under my supervision.


SIGNATURE

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


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

HEAD OF THE DEPARTMENT

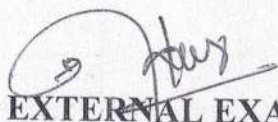
Professor & Head
Electrical and Electronics
Engineering,
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and Technology,
Tiruchengode-637 215.


SUPERVISOR

Professor & Head
Electrical and Electronics
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K S R Institute for Engineering
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Tiruchengode-637 215.

Submitted for the Project work Viva-Voce held on 22-09-2020


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TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report **"ENERGY HARVESTING USING PIEZOELECTRIC SENSOR ARRAY IN ROADWAYS USING IOT"** is the bonafide work of **"ANBALAGAN M, PRAVEEN D, PREM KUMAR G, SHANKAR NARAYAN M"** who carried out the project under my supervision.


SIGNATURE

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

HEAD OF THE DEPARTMENT

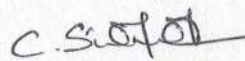
Professor & Head

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Technology,

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Mr.C.SIVAKUMAR M.E,

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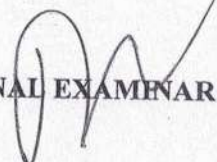
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EXTERNAL EXAMINAR


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TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU,


ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "MONITORING AND CONTROLLING OF TOXIC GAS IN DRAINAGE SYSTEM USING IOT" is the bonafide work of " MANOJ KUMAR V, MERLIN INFANTA S, PRAKASH SP, SARANYA P " who carried out the project work under my supervision.


SIGNATURE

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


SIGNATURE

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NAMAKKAL DI, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report "AUTOMATIC HEADLIGHT BRIGHTNESS CONTROL IN E-VEHICLES" is the bonafide work of "DIVYADEVI V, MOHANRAJ S, NITHIYASRI R, PRAVIN R" who carried out the project work under my supervision.

SIGNATURE

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

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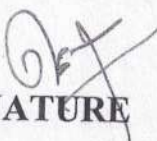
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "ZONE BASED SPEED CONTROL INELECTRIC VEHICLE" is the bonafide work of "MATHUBALAN S., MUGESH M., PIREETHI A., PREETHA E." who carried out the project work under my supervision.


SIGNATURE

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

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K S R institute for Engineering
and technology
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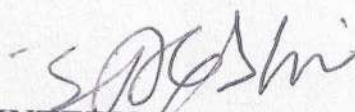

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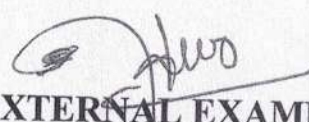
Mrs. R. SACITHRAA M.E.,


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Thiruchengode-637 215

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NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY :: CHENNAI 600 025

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Certified that this project report “**HARMONIC MINIMIZATION IN MULTILEVEL INVERTER USING ARDUINO**” is the Bonafide work of “**BHARATH S, INIYA DHARINI R, JEEVA R, MYTHILI N**” who carried out the project under my supervision.


SIGNATURE

Dr.R.JEYABHARATH M.E., PH.D.,

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Tiruchengode-637215.


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NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “**ROBOT CAR FOR SURVEILLANCE**” is the bonafide work of “**KARTHIKA DEVI S., LATHA S., LOGESHWARAN V., DINESHKUMAR S**” who carried out the project work under my supervision.


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

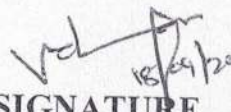
HEAD OF THE DEPARTMENT

Professor & Head

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and Technology,

Tiruchengode -637 215.


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

SUPERVISOR

Associate Professor

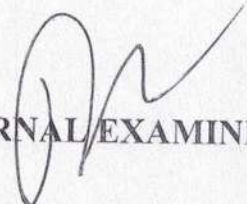
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NAMAKKAL Dt, TAMIL NADU.

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Certified that this project report "DRIVING LICENCE BASED BIO-AUTHENTICATED SMART VEHICLE" is the bonafide work of "KANIMOZHI V., NAVANEETHAN S., VIVEK V., EMAIYA K." who carried out the project under my supervision.



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Dr. R. JEYABHARATH M.E., PH.D.,

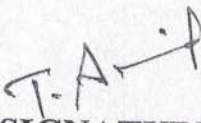
HEAD OF THE DEPARTMENT

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Electrical and Electronics Engineering,

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Tiruchengode - 637 215.



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Mr. T. ARVIND M.E.,

SUPERVISOR

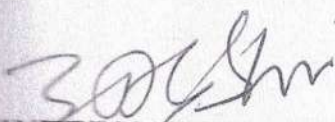
Assistant Professor

Electrical and Electronics Engineering,

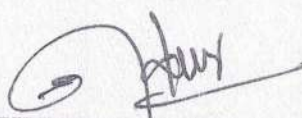
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TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled “IOT BASED ELECTRIC VEHICLE FAST CHARGING WITH TIME OF USE TARIFF” is the bonafide work of “AKILAN G., BOOPATHI M., JANANI T., NANDHINI M.” who carried out the project work under my supervision.

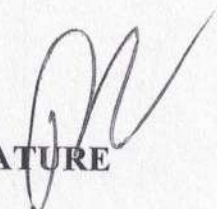

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Dr. R. JEYABHARATH M.E., Ph.D.,

HEAD OF THE DEPARTMENT

Professor & Head

- Electrical and Electronics Engineering,
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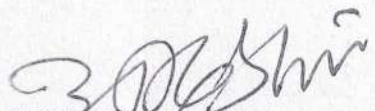
Dr. T. SRIHARI M.E., Ph.D.,

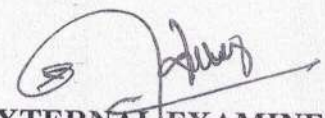
SUPERVISOR

Professor

Electrical and Electronics Engineering,
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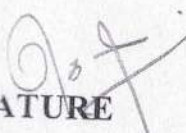

EXTERNAL EXAMINER


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ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt. TAMIL NADU.**

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled "ONLINE REMOTE MONITORING AND CONTROL OF WIND MILL" is the bonafide work of "AJITHA P., ARAVIND R., BHARATHI KANNAN M R., KAVIYA M" who carried out the project work under my supervision.


SIGNATURE

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

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Dr. P. VEENA, M.E., Ph.D.,

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report titled "INTELLIGENT BATTERY MANAGEMENT SYSTEM FOR ELECTRIC VEHICLE" is the bonafide work of "JEEVA M., KAMALI SOUNDARYA B., MADHUMITHA J S., RATHNAKUMAR V" who carried out the project work under my supervision.


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

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

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BASED ON FEATURE EXTRACTION USING RASPBERRY PI" is
the bonafide work of "GANESH BABU V., MONISHA S., SUJITHA E.,
KARTHI K" who carried out the project under my supervision.

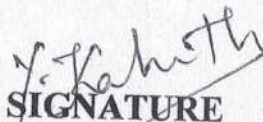

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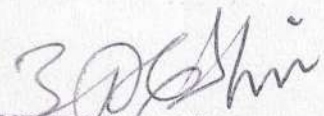
Mr. Y.KALIMUTHUM.E.,

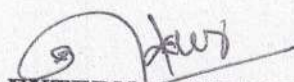
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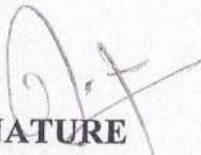

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ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "MICROCONTROLLER BASED
AUTOMATIC PLANT IRRIGATION SYSTEM" is the bonafide work
of "SUVETHA T" who carried out the project under my supervision.



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Dr.R.JEYABHARATH M.E., PH.D.,

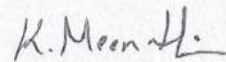
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SUPERVISOR

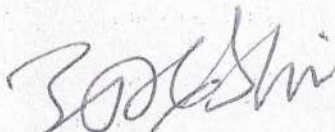
Assistant Professor

Electrical and Electronics Engineering,

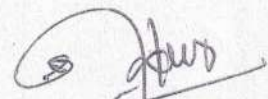
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Certified that this mini project report "AUTONOMOUS BRAKING SYSTEM" is the bonafide work of "KAMALAHASAN G, KAVINKUMAR M, SASIKUMAR C" who carried out the mini project work under my supervision.


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

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

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Certified that this mini project report “**IOT BASED IMPOSED CROSS VENTILATION SYSTEM**” is the bonafide work of “**ARUL M, DINESH C, SHYAMPRAASHAD S, VINOTHKUMAR R**” who carried out the project work under my supervision.


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Dr.P.VEENA M.E,Ph.D

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Certified that this mini project report “AUTOMATIC SWITCHING ON / OFF SYSTEM” is the bonafide work of “KARTHIKEYAN M, RAJAT KUMAR, RAMYA P, SAKTHIVEL P” who carried out the mini project work under my supervision.


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Certified that this mini project report “**ANDROID BASED HOME AUTOMATION SYSTEM**” is the bonafide work of “**BHARATH S, GOWTHAM S P, JAYASURYA K, EDISON RAJA R**” who carried out the mini project work under my supervision.


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

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Certified that this mini project report “LPG LEVEL MONITORING AND LEAKAGE DETECTION BY USING IOT” is the bonafide work of “GUGANESH R, RAMYA A, SURESH P, THAMIZHSELVAN R” who carried out the mini project work under my supervision.


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

Mr. Y. KALIMUTHU M.E,

HEAD OF THE DEPARTMENT

SUPERVISOR

Professor & Head

Assistant Professor

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NAMAKKAL Dt. TAMIL NADU.

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Certified that this mini project report "SMART WASTE MANAGEMENT SYSTEM" is the bonafide work of "JEEVITHA G, PARAMASIVAM R, SHARMILAPRIYA S, SUJITH S" who carried out the mini project work under my supervision.



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Dr. R. JEYA BHARATH M.E., Ph.D

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Mr. M. A. STEPHENRAJ M.E,

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NAMAKKAL Dt. TAMIL NADU.

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Certified that this mini project report “**HEIGHT MEASUREMENT USING ULTRASONIC SENSOR**” is the bonafide work of “**SANTHOSHKUMAR K, SELVAM B, SHAMEER S, SILAMBARASAN S**” who carried out the mini project work under my supervision.



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

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Certified that this mini project report "TOXIC GAS SENSOR" is the bonafide work of "KIRUBAKAR S, LOGESWARAN C, MANOJ KUMAR S, PRAVEEN KUMAR M" who carried out the mini project work under my supervision.


SIGNATURE

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

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Mr. P. SHANMUGA ARAVIND M.E


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Certified that this mini project report “**UNDERGROUND DRAINAGE MONITORING SYSTEM**” is the bonafide work of “**HARI S R, MOHAN T, NANDAKUMAARAN S, PERARIVUEZHILARASAN T**” who carried out the mini project work under my supervision.


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

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Certified that this mini project report “AUTOMATION ON HOME GARDENING” is the bonafide work of “MANJUPRIYA M, PRAVEEN KUMAR A, SARANSARVESH M, VENKATESAN M” who carried out the mini project work under my supervision.



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

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Certified that this project report "SELF NAVIGATED DUSTBIN DISPENSARY SYSTEM FOR SMART CITIES" is the bonafide work of "NANDHAKUMARAN R, NAVEEN K, SYED SALMAN N, THAMARA KANNAN A S " who carried out the project work under my supervision.


SIGNATURE

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


SIGNATURE

Mr. J. DIVAKARAN, M.E., (Ph.D.),

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PROFESSOR & HEAD

ASSISTANT PROFESSOR

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ENGINEERING,

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AND TECHNOLOGY,

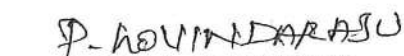
AND TECHNOLOGY,


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TIRUCHENGODE – 637 215,
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Certified that this project report "FINGERPRINT BASED MEDICAL INFORMATION AND ONLINE FIRST-AID RECOMMENDER FOR EMERGENCY" is the bonafide work of "PRAVEENA M, PRIYADHARSHINI S, VIGNESH R, YOGESH S" who carried out the project work under my supervision.


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

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Mr.P.GOVINDARAJU, M.E., (Ph.D).,

SUPERVISOR

ASSISTANT PROFESSOR

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TIRUCHENGODE - 637 215,
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Certified that this project report **“IOT BASED FERTILIZER INJECTOR FOR AGRICULTURAL PLANTS WITH ANALYZING SYSTEM”** is the bonafide work of **“PRIYANKA C, RAMYA SRI E, SHOWMIYA M, THARANYA P”** who carried out the project work under my supervision.


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

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ENGINEERING,

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Mrs.VSINDHUJA, M.E.,

SUPERVISOR

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Certified that this project report "LCD AUTOMATIC COLLEGE BELL USING ARDUINO MICROCONTROLLER" is the bonafide work of "DIVYA S, who carried out the project work under my supervision.



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

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K. VENKATACHALAM
INTERNAL EXAMINER

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BONAFIDE CERTIFICATE

Certified that this project report "SMART HOME SYSTEM USING IOT" is the bonafide work of "RANJITH V, SANTHOSHKUMAR J, THANGARAJ J, and VIMALKUMAR R" who carried out the project work under my supervision.


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Certified that this project report "IOT ENABLED AIR POLLUTION MONITORING" is the bonafide work of "MUGILAN M, SATHYAMOORTHI K and SURYA R" who carried out the project work under my supervision.


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Certified that this project report "FINGERPRINT BASED SECURITY LOCK FOR BIKE IGNITION AND HOMEALERT USING GSM" is the bonafide work of "ROSHINI T, TAMILARASI S, NANDHAKUMAR P, SAKTHIPRIYA S" who carried out the project work under my supervision.


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BONAFIDE CERTIFICATE

Certified that this project report "MULTIPURPOSE ROBOT USED IN AGRICULTURE" is the bonafide work of "NARESH KUMAR S, SELLAKRISHNARAJA S, SHARVESH RAM K R and THANGAVEL P" who carried out the project work under my supervision.


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Certified that this project report "BIOMETRIC FINGER PRINT SYSTEM USED FOR VEHICLE DOCUMENTS VERIFICATION" is the bonafide work of "N.POORNIMA, M.PRIYADHARSHINI, R.SHYAM SUNDAR, G.SRIMATHI" who carried out the project work under our supervision.



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Certified that this project report "AN IOT BASED CLOUD SYSTEM FOR TRAFFIC MONITORING USING MOBILE SENSOR DATA PROCESSING" is the bonafide work of "NIVETHA T, PRIYANKA SS, SUMATHI R, SURIYA E" who carried out the project work under my supervision.


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BONAFIDE CERTIFICATE

Certified that this project report "LANE DEPARTURE WARNING SYSTEM (LDWS)" is the bonafide work of "NIVETHA S, PRIYADHARSHINI P, SANTHIA G" who carried out the project work under our supervision.


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LANE DEPARTURE WARNING SYSTEM (LDWS)

A PROJECT REPORT

Submitted by

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PRIYADHARSHNI P	(731616106055)
SANTHIA G	(731616106062)

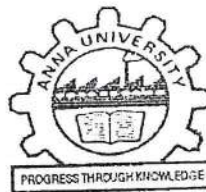
in partial fulfillment for the award of the degree

of

BACHELOR OF ENGINEERING

IN

ELECTRONICS AND COMMUNICATION ENGINEERING



K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY

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APRIL 2020


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**HEALTH MANAGEMENT OF CROP PRECISION
USING SMART FARMING TECHNOLOGIES WITH
IoT**

A PROJECT REPORT

Submitted by

DINESH KRISHNA S	731616106019
GOWTHAM M	731616106024
LAKSHMANAN R	731616106035
LOGESH KUMAR K	731616106036

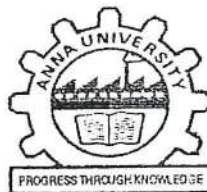
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BONAFIDE CERTIFICATE

Certified that this project report "HEALTH MANAGEMENT OF CROP PRECISION USING SMART FARMING TECHNOLOGIES WITH IoT" is the bonafide work of "DINESH KRISHNA S, GOWTHAM M , LAKSHMANAN R, LOGESH KUMAR K" who carried out the project work under my supervision.



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ACCIDENT ALERT SYSTEM USING IOT

A PROJECT REPORT

Submitted by

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KARTHIKEYAN V (731616106033)

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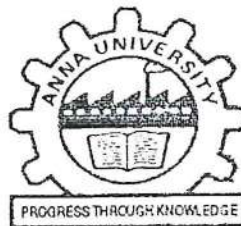
In partial fulfillment for the award of the degree

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BONAFIDE CERTIFICATE

Certified that this project report "ACCIDENT ALERT SYSTEM USING IOT" is the bonafide work of "KARTHIKEYAN S, KARTHIKEYAN V, and MAHESWARAN J" who carried out the project work under my supervision.


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ONBOARD VEHICLE AIR POLLUTION MONITORING AND LOCATION TRACKING SYSTEM

A PROJECT REPORT

Submitted by

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BONAFIDE CERTIFICATE

Certified that this project report “ONBOARD VEHICLE AIR POLLUTION MONITORING AND LOCATION TRACKING SYSTEM” is the bonafide work of “BHUVANESHWARI.P”, “DANATHARSHINI.G”, “DHARANI.V” and “KANIMOZHIL.R” who carried out the project work under my supervision.


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Certified that this project report “**DESIGN AND IMPLEMENTATION OF BIKE RIDERS**” is the bonafidework of “**AJEETHKUMAR M (731616106004), ARULIEESWARAN (731616106008), KAJAPATHY V(731616106030)**” who carried out the project work under my supervision.



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Certified that this project report "USER LOGIN AND BUILDING A JAVAAPPLICATION USING REACT JS AND SPRING BOOT" is the bonafide work of "ABDULKADHAR S" and "BRAHADEESHWARAN M" who carried out the project work under my supervision.



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Certified that this project report “REALTIME MONITORING SYSTEM FOR AQUACULTURE USING IOT” is the bonafide work of “ILAKIYA S (731616106026), JAYASHRI M (731616106029), MARIMUTHU M (731616106039), MONIKA R(731616106042)” who carried out the project work under my supervision.



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Certified that this project report "AUTOMATIC FERTILIZER SPRAYING CONTROLLER" is the bonafide work of "T.ABISHEK", "M.ADHITHYAKUMAR", "P.ANANTHAKRISHNAN" and "S.DURAIRAJ" who carried out the project work under my supervision.


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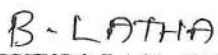
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Certified that this project report titled “**TEMPERATURE PREDICTION B MACHINE LEARNING USING BOLT CLOUD** ” is the work of “**BALAJI.R (731616106010), BRINDHA.M (731616106015), KOKILA.J (731616106034), NAVANANDHINLE (731616106302)**” who carried out the project work under my supervision.


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ANNA UNIVERSITY:CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SMART REAL TIME DRAINAGE MONITORING AND CONTROLLING SYSTEM USING ARDUINO" is the bonafide work of "DIVYA T 731616106020, MEENA A 731616106040, MEKALAI K 731616106041" who carried out the project work under my supervision.


SIGNATURE

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ANNA UNIVERSITY-CHENNAI 600 025

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Certified that this project report “ ELECTRONIC VOTING MACHINE USING ATMEGA” is the bonafide work of “ANANTH N, ELANGO VAN V, GOKULAKRISHNAN A, INDIRAKUMAR M” who carried out the project work under my supervision.


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NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

Certified that this project report "SMART WALKING STICK FOR VISUALLY CHALLENGED PEOPLE USING IOT" is the bonafidework of "ASWIN S 731616106009, BHAVYA D 731616106011, DHIVYAT 731616106018, MALATHI A S 731616106038" who carried out the project work under my supervision.


SIGNATURE

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

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M.V. MAHESH
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BONAFIDE CERTIFICATE

Certified that this project report "A COMPACT MULTIBAND SELF ISOLATED ANTENNA FOR 5Gmm WAVE APPLICATION USING MIMO" is the bonafide work of "N.M.AKSHAYA, S.BHAVYASHREE and P.ISWARYA" who carried out the project work under my supervision.


SIGNATURE

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ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "HEAT TRANSFER AND FRICTION CHARACTERISTICS OF VARIENT TWSITED TAPE FITTED IN A DOUBLE PIPE HEAT EXCHANGER" is bonafide work of "GOKULRAJ P, JAYAMURUGAN K S, KALEESWARAN D, MOHANAKRISHNAN D" who carried out the project under my supervision.


SIGNATURE

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INTERNAL EXAMINER

[K. Velusamy]

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ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF AUTOMATIC STRETCHER CUM WHEEL CHAIR WITH LIFTING AND SHIFTING MECHANISM FOR DISABLED PERSON" is the bonafide work of "ARSHATH S (731616114004), ASWINKUMAR S (731616114005), DEEPAK R (731616114011), JOSHUA Y (731616114031)" who carried out the project work under my supervision.


SIGNATURE

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INTERNAL EXAMINER

[K. velmsamy]

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[D. Gopinath]


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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this Project report "DESIGN AND DEVELOPMENT OF 3D FILAMENT EXTRUDER" is the bonafide work of DHAYANIDHI M, GOPINATH G, GOVINDASAMY A, HARI SHANKAR P who carried out the project work under my supervision.


SIGNATURE

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INTERNAL EXAMINER

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ANNA UNIVERSITY : CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**DESIGN AND ANALYSIS OF ABRASIVE JET MACHINING**” is the bonafide record of project work of **DINESHKUMAR.C, JEEVA.K, JEEVA.M, JESTINRAJ.K** of Mechanical Engineering during the year 2019-2020.


SIGNATURE

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INTERNAL EXAMINER

[K. Velusamy]

EXTERNAL EXAMINER

[P. Gopinath]

ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND AUTOMATION OF COCONUT DE-HUSKING MACHINE USING BELT CONVEYOR" is the bonafide work of "DINESH KUMAR C, JEEVA K, JEEVA M, JESTINRAJ K" who carried out the project work under my supervision.


SIGNATURE,

Dr.P.MURUGESAN, M.E., Ph.D.,
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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF PISTON COATED WITH CERAMIC MATERIALS" is the bonafide work of "BHARATH V, BOOPATHI RAJA E, BOOPATHY K M, CHANDRASEKAR K" who carried out the project work under my supervision.


SIGNATURE

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INTERNAL EXAMINER

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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC BOX PACKING MACHINE" is the bonafide of 'GUNASEAKARAN R , LAKSHMI NARAYANAN R , LOGESH S , MADHANKUMAR L" who carried out the project work under my supervision.

Signature 

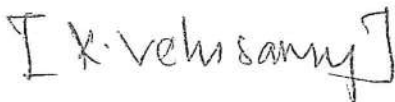
Dr.P.MURUGESAN M.E., Ph.D.,
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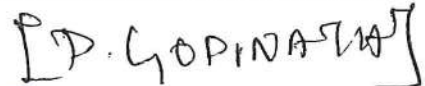
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "EXTRACTION OF FUEL FROM WASTE PLASTIC USING PYROLYSIS PROCESS" is the bonafide work of "GOWTHAM.P(731616114020),HARIHARAN.M(731616114022), HARIHARAN.S(731616114023),PRASANTA.S(731616114308)"who carried out the project work under my supervision.


SIGNATURE

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Submitted for the Project report Viva-Voce Examination held on
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INTERNAL EXAMINER

[K. Velusamy]

EXTERNAL EXAMINER

[P. Gopalan]


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TIRUCHENGODE - 637 215,
NAMAKKAL DI, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “BANANA LEAF CUTTING MACHINE USING HYDRAULIC POWER PACK” is the bonafide record of project work of **DHEVENDRAN E, INBARASAN C, KARTHIKEYAN P, KARTHI S** of **MECHANICAL ENGINEERING** during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN M.E., Ph.D.,
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Submitted for project report and viva – voce examination held
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INTERNAL EXAMINER

[K. Velusamy]

EXTERNAL EXAMINER

[P. Gopinathan]


PRINCIPAL,
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KANNIYAKUMARI DISTRICT, TAMIL NADU.

APRIL 2020

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF WASTE HEAT RECOVERY IN DOMESTIC REFRIGERATION USING R134 a" is the bonafide work of "GOKUL R, KAROLE INFANTO D, KESAV GOWTHAM N.B, MAGESWARAN A" who carried out the project work under my supervision.

Signature

Signature,

Dr.P.MURUGESAN M.E., Ph.D.,
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Submitted for the Project report Viva-Voce Examination held on 02.9.20

INTERNAL EXAMINER

[K. Velmasamy]

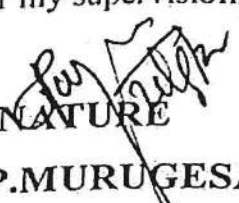
EXTERNAL EXAMINER

[P. GOWDARAJ]

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TIRUCHENGODE - 637 215,
NAMAKKAL DIST, TAMIL NADU.

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND ANALYSIS OF CONNECTING ROD USING DIFFERENT ALLOY MATERIAL" is the bonafide work of CHELLATHURAI T (731616114010), MANOJ KUMAR K (731616114047), BALAJI M (731616114302), EDHAYAKUMAR G (731616114304), who carried out the project work under my supervision.


SIGNATURE

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INTERNAL EXAMINER

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BONAFIDE CERTIFICATE

Certified that this project report "DESIGN & ANALYSIS OF CHASSIS WITH DIFFERENT CROSS SECTION" is bonafide work of KAVIN P, MANIKANDAN V, MOHANRAJ BJEEVANANTHAM N who carried out the project under my supervision.

SIGNATURE

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BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**DESIGN AND ANALYSIS OF FLAT PLATE SOLAR DRIER**” is the bonafide record of project work of **AKASH S, DHINAKARAN P, KEERTHIVASAN R, MOHAMMED NIHAL** Sof **MECHANICAL ENGINEERING** during the year 2019-2020.



SIGNATURE
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Submitted for project report and viva – voce examination held

on*22/9/20*.....

INTERNAL EXAMINER




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BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**HEAT TRANSFER AND FRICTION CHARACTERISTICS OF VARIANT PLAIN TAPE FITTED IN A DOUBLE PIPE HEAT EXCHANGER**” is the bonafide record of project work of **RAJKUMAR S, RANJITH KUMAR V, RIYAZ AHAMED, SAKTHI GNANASUNDARAM R H** of **MECHANICAL ENGINEERING** during the year 2019-2020.


SIGNATURE
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Submitted for project report and viva – voce examination held
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INTERNAL EXAMINER

[K. Velusamy]

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[P. Gopinath]


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TIRUCHENGODE - 637 215.

ANNA UNIVERSITY:: CHENNAI- 600025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC GROUNDNUT EXTRACTION MACHINE" is the bonafide work of PARTHASARATHY R (731616114055), PRASANTH R (731616114058), RAHUL C (731616114064), and UTHAYA KUMAR M (731616114088) who carried out the project work under my supervision.


SIGNATURE


Dr. P. MURUGESAN, M.E., Ph.D.,
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INTERNAL EXAMINAR


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BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**MECHANICAL CHARECTERIZATION OF CHICKEN EGG SHELL REINFORCED AL 7075 MATRIX COMPOSITES**” is the bonafide record of project work of **RAGAVENDAR S, RANJITH KUMAR R, RUTHRANNAN R, YOGARAJ J** of **MECHANICAL ENGINEERING** during the year 2019-2020.

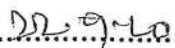

SIGNATURE

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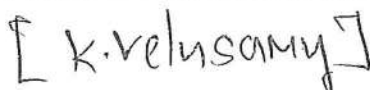

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Submitted for project report and viva – voce examination held

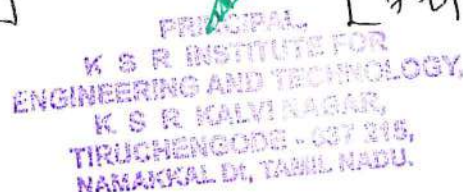
on.....

INTERNAL EXAMINER


[K. Velusamy]

EXTERNAL EXAMINER


[P. Gopinath]


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NAMAKKAL DI, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**DESIGN NAD ANALYSIS OF CENTRIFUGAL PUMP IMPELLER USING CFD ANALYSIS**” is the bonafide record of project work of **PRABHAKARAN M, SURYA R, VIGNESH B, NAMBIRAJ J** of **MECHANICAL ENGINEERING** during the year 2019-2020.


SIGNATURE

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INTERNAL EXAMINER

[K. Velusamy]

EXTERNAL EXAMINER

[P. Gopinath]


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NAMAKKAL DI, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND PERFORMANCE ANALYSIS OF P2H ELECTRIC VEHICLE (PORSCE HYBRID ELECTRIC TWO-WHEELER)" is the bonafide work of "NAMBIRAJ J, PRAVEEN R, RAVICHANDRAN S, and SABARISH R who carried out the project work under my supervision.


SIGNATURE

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K S R KALVI NAGAR,
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NAMAKKAL DISTRICT, TAMIL NADU.

ANNA UNIVERSITY :: CHENNAI- 600025

BONAFIDE CERTIFICATE

Certified that this project report "TRIBOLOGICAL AND MICROSTRUCTURAL ANALYSIS OF ALUMINIUM (LM6) REINFORCED WITH ALUMINA AND SILICON CARBIDE MICRO PARTICLES" is the bonafide work of SANJAYKUMAR S K (731616114076), SANTHOSHKUMAR V (731616114078), THIRUMURUGAN V (731616114087) who carried out the project work under my supervision.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Professor,
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Tiruchengode,
Namakkal-637 215.

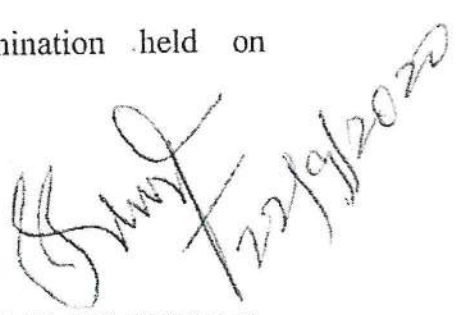

SIGNATURE

Mr.P.CHAKRAVARTHI, M.E.,
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Submitted for the Project report Viva-Voice Examination held on

22.9.20


INTERNAL EXAMINAR


EXTERNAL EXAMINAR

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K S R INSTITUTE FOR
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TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY:: CHENNAI-600025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND FABRICATION OF AUTOMATIC SLICING TENDER COCONUT" is the bonafide work of NANDHAGOBAL S (731616114053), RANJITH R (731616114066), SANJAY KUMAR S (731616114075) and SANTHOSHKUMAR B (731616114077) who carried out the project work under my supervision.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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SIGNATURE

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Submitted for the Project report Viva-Voice Examination held on
2.9.20


INTERNAL EXAMINAR


EXTERNAL EXAMINAR


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TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY:: CHENNAI- 600025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN AND IMPLEMENTATION OF BOREWELL RESCUE SYSTEM" is the bonafide work of NAVIN KUMAR M (731616114054), SHAKTHI R M (731616114082), VASANTHA KUMAR P (731616114090) and YOGESH T (731616114100) who carried out the project work under my supervision.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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SIGNATURE

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INTERNAL EXAMINAR


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TIRUCHENGODE - 637 215,
NAMAKKAL DIST, TAMIL NADU.

ANNAUNIVERSITY: CHENNAI-600 025

BONAFIDE CERTIFICATE

Certified that this project report "EXPERIMENTAL INVESTIGATION ON FRICTION AND WEAR BEHAVIOUR OF HYBRID COPPER MATRIX COMPOSITES SYNTHESIZED BY POWDER METALLURG" is the bonafide work of "PRABAKARAN S (731616114056), PRAVEEN R (731616114060), VIGNESH V (731616114093), VINOTHMANI M (731616114096)" who carried out the project work under my supervision.


SIGNATURE,

Dr.P.MURUGESHAN, M.E., Ph.D.,

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INTERNAL EXAMINAR


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NAMAKKAL DT, TAMIL NADU.

ANNA UNIVERSITY:: CHENNAI 600025

BONAFIDE CERTIFICATE


Certified that this project report "DESIGN AND ANALYSIS OF AUTOMOBILE LEAF SPRING FOR VARIOUS CROSS SECTIONS BY USING DIFFERENT COMPOSITE MATERIALS" is the bonafide work of G SATHISH (731616114081), J THOMOTHARAN (731616114086), P VIJAYARAGAVAN (731616114095), A VISHNU (731616114097) who carried out the project work under my supervision.


Signature,

Dr. P. MURUGESAN, M.E., Ph.D.,
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Signature,

Mr. S. BASKARAN, M.E.,
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Submitted for the Project report Viva-Voce Examination held on 22.9.20


INTERNAL EXAMINAR


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ANNA UNIVERSITY:: CHENNAI- 600025

BONAFIDE CERTIFICATE

Certified that this project report "DESIGN & ANALYSIS OF COMPOSITE MATERIAL USING GFRP IN PROPELLER SHAFT" is the bonafide work of SOWNDHAR A (731616114083), BARATH V (731616114303), PRAKASH S (731616114307) and SANJEEVI KP (731616114077) who carried out the project work under my supervision.


SIGNATURE


Dr.P.MURUGESAN, M.E., Ph.D.,
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Professor,
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Mr.J.MATHAN, M.E.,
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Submitted for the Project report Viva-Voice Examination held on

22.9.20


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TIRUCHENGODE - 637 215,
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ANNA UNIVERSITY::CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "EXPERIMENTAL INVESTIGATION AND MECHANICAL PROPERTIES ANALYSIS OF ALUMINIUM METAL MATRIX ON TiB₂ & Gr REINFORCED COMPOSITES" is the bonafide work of SAKTHIVEL R (731616114074), SARANRAJ S (731616114080), SHANMUGAMANIVEL D (731616114310), SURENDHAR J (731616114311) who carried out the project work under my supervision.


SIGNATURE

Dr.P.MURUGESAN,M.E., Ph.D.,
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Professor,
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Submitted for the Project report Viva-voce examination held on 22.9.20


INTERNAL EXAMINER


EXTERNAL EXAMINER

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**TRIBOLOGICAL BEHAVIOUR OF ALUMINIUM HYBRID METAL MATRIX COMPOSITE REINFORCED WITH COCONUT ASH AND EGG SHELL ASH**” is the bonafide record of project work of **PRAVEENKUMAR S, SARAN K, VELMURUGAN T, VIJAY ANAND** of **MECHANICAL ENGINEERING** during the year 2019-2020.


SIGNATURE

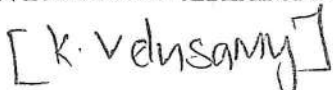
Dr.P.MURUGESAN M.E.,Ph.D.,
HEAD OF THE DEPARTMENT,
Professor,
Department of Mechanical Engineering,
KSR Institute for Engineering and
Technology,
Tiruchengode – 637 215.


SIGNATURE

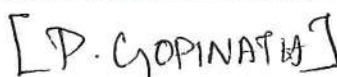
Mr.S.RAHUL.,M.E.,
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Submitted for project report and viva – voce examination held
on22.9.20.....

INTERNAL EXAMINER


[K. Velusamy]

EXTERNAL EXAMINER


[P. Chinnappa]


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K S R KALAI NAGAR,
TIRUCHENGODE - 637 215,
KAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY : CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**DESIGN AND ANALYSIS OF SAND SIEVING MACHINE BY USING COMPOSITE MATERIAL**” is the bonafide record of project work of **TAMIL MUGILAN N, PRANESH R K, MANOJ R** of **MECHANICAL ENGINEERING** during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN M.E.,Ph.D.,
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SIGNATURE

Mr.P.KARTHICK.,M.E.,
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Submitted for project report and viva – voce examination held
on ..22.9.20.....

INTERNAL EXAMINER

[Mr.K.velusamy]

EXTERNAL EXAMINER

[P.GOPINATH]


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K S R INSTITUTE FOR
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NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design And Fabrication Of Coconut Climbing Machine**” is the bonafide record of Design and Fabrication project work of ARAVIND.S.R, CHANDRU.S, HARI PRASATH.P, INDRAJITH.M Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Professor,
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SIGNATURE


Mr. K.VELUSAMY, M.E.,
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Submitted for the project report and viva – voce examination held

On -----

INTERNAL EXAMINER

EXTERNAL EXAMINER


PRINCIPAL,
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K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design And Fabrication Of Automation Goat Skin Removing Machine**” is the bonafide record of Design and Fabrication project work of CHANDRU.M, GOKULRAJ.B, KARTHIKEYAN.T, KAVINKUMAR.C Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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SIGNATURE


Mr. A. MOHANRAJ, M.E.,
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Submitted for the project report and viva – voce examination held

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INTERNAL EXAMINER

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K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
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BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design And Fabrication Of Garlic Peeling Machine**” is the bonafide record of Design and Fabrication project work of ARUN PRABAKARAN.J, GOKUL NATH.K, KARTHICK.R, MANIKANDAN.R Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Dr.P.GOPINATH, M.E., PhD
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Submitted for the project report and viva – voce examination held

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INTERNAL EXAMINER

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K S R KALVIHARAR,
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NAMAKKAL DI, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of double pipe heat exchanger**” is the bonafide record of Design and Fabrication project work of KIRUBAKARAN.K, JAGATHESHWARAN.N, RAHUL.S, BOOPATHI S Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

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INTERNAL EXAMINER

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NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Automatic Car stop while driver slept**” is the bonafide record of Design and Fabrication project work of KARUPPAIAH.K, MANOJ.N, BUVANESVARAN.S, HARIHARAN.G Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

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NAMAKKAL DISTRICT, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Rescue system to prevent the child in the borewell**” is the bonafide record of Design and Fabrication project work of BOOPATHIRAJA M, KATHIRVEL M, MEIYANANDAN V, ARUNESH J Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

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**Mr. R.VASANTHAKUMAR, M.E.,
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INTERNAL EXAMINER

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NARAIKAL DA, TAMIL NADU.**

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Hybrid Tricycle**” is the bonafide record of Design and Fabrication project work of GOVINDHARASU.R, LOGESH.M, KARTHI A.S, Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

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ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Power Generation From Suspension**” is the bonafide record of Design and Fabrication project work of GOBIRAJ R, GOKULPRASANTH M, GOWTHAM KUMAR T, MOHAMED ABBAS M Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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INTERNAL EXAMINER

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K S R KALVI NAGAR,
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ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of oil extraction machine**” is the bonafide record of Design and Fabrication project work of BALAJI.S, ARUN KUMAR S, MADESH K, BHAGAVATHI PERUMAL G Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

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SIGNATURE


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NAMAKKAL DL, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of Pneumatic coining Machining**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, KIRUBAKARAN K, DINESHKUMAR D, DINESHKUMAR R, ASWANTH KUMAR K Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE


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Submitted for the project report and viva – voce examination held

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K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

INTERNAL EXAMINER

EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of pneumatic stamping machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, ARUN KUMAR S, DHARANKUMAR S, AADHI VISHWANATH M, KIRUBAKARAN K Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
HEAD OF THE DEPARTMENT,
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KSR institute for Engineering and
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SIGNATURE

Mr. S.BALAMURUGAN, M.E.,
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On -----


PRINCIPAL,
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K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DI, TAMIL NADU.

INTERNAL EXAMINER

EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Groundnut extracting machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, MOHANARAJ C, NARESH M, NAVEEN V, PREMRAJ S Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
HEAD OF THE DEPARTMENT,
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Tiruchengode – 637 215.


SIGNATURE

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Tiruchengode – 637 215.

Submitted for the project report and viva – voce examination held

On -----

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EXTERNAL EXAMINER


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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Mediawaste disposal machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, MONISH KANNA M, NITHISH M, VIGNESHWARAN S, SARAVANAN R Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

On -----

INTERNAL EXAMINER

EXTERNAL EXAMINER


PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALYAN NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Coconut Dehusking Machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, MUNEESWARAN.D, PAVITHRAN.G, PRADHAP.R, PRASATH.R Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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On -----

INTERNAL EXAMINER

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PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S R KALV NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DL, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of Sugar planting machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, SABARINATHAN S, SARAVANAA M, VINOTH KUMAR T, YASWANTHKARTHIK S Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

On -----

INTERNAL EXAMINER

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PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of 3D filament extruder**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, SASIKARAN S, SURESHKUMAR A, SURYAMOORTHY R, VINITH D Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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INTERNAL EXAMINER

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PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Pneumatic conveyer**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, SARATH KUMAR M, SATHISHKUMAR S, VIGNESH R, YOGESH N Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Mr. S.BALAMURUGAN, M.E.,
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Submitted for the project report and viva – voce examination held

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INTERNAL EXAMINER

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PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
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BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of waste plastic diagnosis machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, PRADEEP N, RAHUL V, SAKTHIVEL P, SURESHMOORTHY P Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Mr. Dr.R.MANI, M.E.,
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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of Areca nut extracting machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, NAVEEN M, PRAGATHEESWAR E, PRATHIYUMANAN M, RAMKUMAR B Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

On -----

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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DL, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of automatic slicing tender coconut machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, HARIPRASATH R, KANNAN E, V.MANIKANDAN, Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

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K S R INSTITUTE FOR
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K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DT, TAMIL NADU.

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of Lifting and shifting mechanism for wheel chair cum stretcher**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, SANTHOSHKUMAR G, SRIDHAR C, TAMILSELVAN V, THULASI RAMAN R Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Mr. G.ANITHA, M.E.,
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Submitted for the project report and viva – voce examination held

On -----

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PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVINAGAR,
TIRUCHENGODE - 637 215,
NAMAICAL DI, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of Low cost T-Shirt logo Fusing Machine**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, NANDHAKUMAR G, SURENDHAR P, VIJAYAKUMAR C, ABHISHEK R R Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Mr. A.PREMKUMAR, M.E.,
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Tiruchengode – 637 215.

Submitted for the project report and viva – voce examination held

On -----

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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DISTRICT, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and Fabrication of hybrid Bicycle**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, NIKHIL S, PRAVEEN H, THAMIL SELVAM B, Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Submitted for the project report and viva – voce examination held

On -----

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K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALUTHAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DISTRICT, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI – 600 025

BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design and fabrication of solar seed drier**” is the bonafide record of Design and Fabrication project work of Design and fabrication of pneumatic stamping machine, THIRUPATHI M, PRAVEEN KUMAR S, Mechanical Engineering. Who carried out the work under my supervision during the year 2019-2020.


SIGNATURE

Dr.P.MURUGESAN, M.E., Ph.D.,
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Mr. S.BASKARAN, M.E.,
SUPERVISOR,
Assistant Professor,
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Tiruchengode – 637 215.

Submitted for the project report and viva – voce examination held

On -----

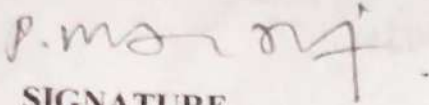
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EXTERNAL EXAMINER


PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVIHAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

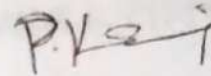
BONAFIDE CERTIFICATE

Certified that this project report ""MULTI NEWS PROVIDENCE PORTAL WITH FACTUAL FINDER"" is the bonafide work of ""AHAMED FAISHAL, SUDARSAN, VINOTH and VIJI"" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
INFORMATION TECHNOLOGY,
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TECHNOLOGY-637215.




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Ms. P. KEERTHANA
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KSR INSTITUTE FOR ENGINEERING
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Submitted for the Project Viva-Voce examination held on 22.09.2020

M. Selvakumar
Internal Examiner

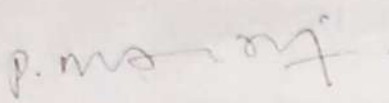
Dr. P. Meenakshi Devi
External Examiner



PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 015,
NAMAKKAL DT, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025
BONAFIDE CERTIFICATE

Certified that this project report "MULTISERVICE WEBSITE" is the bonafide work of "ARAVINDH K, JANANI T, SHUGITHA V S and SHAMITHA J" who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI

HEAD OF THE DEPARTMENT

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Submitted for the Project Viva-Voce examination held
on 22/9/2020

Mr. M. Selvakumar
Internal Examiner

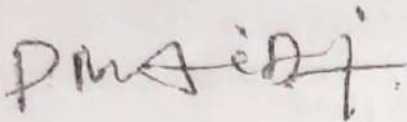

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DIST. TAMIL NADU.

Dr. P. Meenakshi Devi
External Examiner

ANNA UNIVERSITY: CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report "COLLEGE SOCIAL NETWORK" is the bonafide work of "ARUN KUMAR A, MOHANKUMAR M, SATHAMHUSSAIN M S, SATHAS R" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI

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M. Selvakumar
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External Examiner

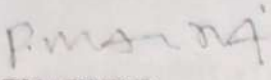


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K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.


ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SCALABLE CONTENT AWARE COLLABORATIVE FILTERING FOR LOCATION RECOMMENDATION" is the bonafide work of "BOOPALAN G, HAKKEM M, OVIYA A, VIGNESH M" Who carried out the project work under my supervision.

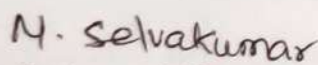

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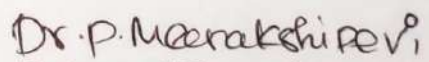
Dr. P MEENAKSHI DEVI
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Internal Examiner

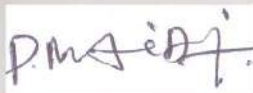

External Examiner


PRINCIPAL,
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAIKKAL DT. TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report “ **HOSPITAL SUGGESTOR WITH APPOINTMENT BOOKING SYSTEM**” is the Bonafide work of “**GOWRI D, JANANI R, TAMILARASAN G and PRATHAP KUMAR E**” who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI


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M. Selvakumar
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NAMAKKAL DISTRICT, TAMIL NADU.

BONAFIDE CERTIFICATE

Certified that this project report "A CLINICAL DECISION SUPPORT FRAME WORK FOR HETEROGENEOUS DATA SOURCE"" is the bonafide work of **KIRUBAKARAN, GOWTHAM, IYYAPPAN."**

who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI
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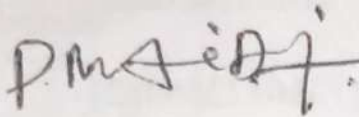

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NAMAKKAL Dt. TAMIL NADU.

Dr. P. Meenakshidevi
External Examiner

ANNA UNIVERSITY: CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report "AN ANDROID APPLICATION FOR HUSH-HUSH VOTING SYSTEM" is the bonafide work of "INDHUMATHI S, MOUNIKA S, SWETHA S" who carried out the project work under my supervision.



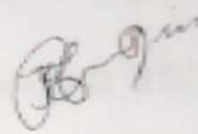
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Internal Examiner

Dr. P. Meenakshi Devi
External Examiner



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TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.**

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "AN ANDROID BASED MOBILE APPLICATION FOR FOOD MANAGEMENT SYSTEM FOR COLLEGE" is the bonafide work of "JANANI M, NESHAK KUMAR S, and SAKTHI RAVI KUMAR S who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
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Submitted for the Project Viva-Voce examination held on 22/09/2020

M. Selvakumar
Internal Examiner

Dr. P. Meenakshi Devi
External Examiner


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K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

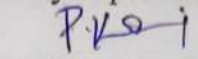
ANNA UNIVERSITY :: CHENNAI 600 025

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Certified that this project report titled **"STUDENT GRIEVANCE SUPPORTED SYSTEM"** is the bonafide work of **"KARKULAZHI S, KARTHIKA M and KAUSALYA J"** who carried out the project under my supervision.

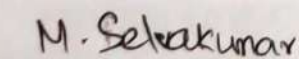

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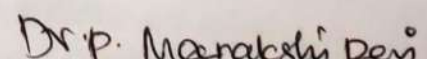
Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
DEPARTMENT OF
INFORMATION TECHNOLOGY,
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SIGNATURE

Ms. P.KEERTHANA
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ASSISTANT PROFESSOR
DEPARTMENT OF
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Submitted for the viva-voce examination held on 22/7/2020

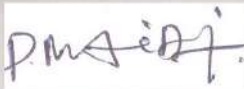

Internal Examiner


External Examiner


PRINCIPAL
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025
BONAFIDE CERTIFICATE

Certified that this project report "E-FAREMER SELF SERVICE" is the bonafide work of "MANI BHARATHI G, SARASWATHY K, YAKSHEETHA V and YUVAPRIYA R" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
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Mr. S. NANDHAGOPAL
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Submitted for the Project Viva-Voce examination held on 22/9/2020

M. Selvakumar
Internal Examiner

Dr. P. Meenakshi Devi
External Examiner

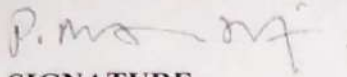


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "SECURE AND EFFICIENT AUDIT SERVICE FOR DATA INTEGRITY IN CLOUD STORAGE" is the bonafide work of "MOHANRAJ S, PRIYADARSHNI G, STEPHEN V and STEPHEN RAJ J" who carried out the project work under my supervision.



SIGNATURE

Dr. P MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
DEPARTMENT OF
INFORMATION TECHNOLOGY,
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SIGNATURE

Dr. M DHURGADEVI
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AND TECHNOLOGY-637215.

Submitted for the Project Viva-Voce examination held on 22/9/2020

M. Selvakumar
Internal Examiner



PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL Dt, TAMIL NADU.

Dr. P. Meenakshi Devi
External Examiner

ANNA UNIVERSITY: CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report "A SIMPLE ROLL A BALL GAME FOR AUGMENTED REALITY" is the bonafide work of "KEERTHIVARNA K S, MANIKANDAN A, MOUNISH G, RAJARAVEENDHAR G R" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI

HEAD OF THE DEPARTMENT

INFORMATION TECHNOLOGY, KSR
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TECHNOLOGY-637215.



SIGNATURE

Dr.K.GOWSIC

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DEPARTMENT OF INFORMATION TECHNOLOGY,
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TECHNOLOGY-637215.

Submitted for the Project Viva-Voce examination held on

Internal Examiner



PRINCIPAL,
K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report "ATTENDANCE MANAGEMENT SYSTEM" is the bonafide work of "DHANUSH ADIT R, JOTHEESHWARAN R , SAANTHOSH BALAJI S N and ASHOK KUMAR S" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI

HEAD OF THE DEPARTMENT

INFORMATION TECHNOLOGY, KSR
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SIGNATURE

Dr.S.RUSSIA

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KSR INSTITUTE FOR ENGINEERING AND
TECHNOLOGY-637215.

Submitted for the Project Viva-Voce examination held on ,

Internal Examiner



PRINCIPAL,
K. S. R. INSTITUTE FOR
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K. S. R. KALMI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "A WEB APPLICATION FOR CODING ASPIRANTS AND GEEKS" is the Bonafide work of "AJAY SRIRAM S, JESSICA COLLINS J P, PRIYA DHARSHINI M, SANTHOSH KUMAR R" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
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Mr. D. BALAKRISHNAN
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INFORMATION TECHNOLOGY,
KSR INSTITUTE FOR ENGINEERING
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Submitted for the Mini Project Viva-Voce examination held on

Internal Examiner



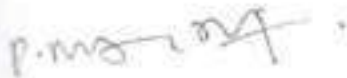
PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DL, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

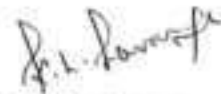
BONAFIDE CERTIFICATE

Certified that this project report "SPEED TRACKER USING GPS " is bonafide work of "ARULMOZHI M, PAVITHRA S, NATHIYA V & SHIVANI N who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
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KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY-637215

Submitted for the Project Viva-Voce examination held on .

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVINAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

Internal Examiner

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

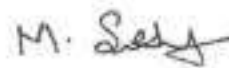
BONAFIDE CERTIFICATE

Certified that this project report "A WEB APPLICATION FOR FOR COMPILING PROGRAMS ONLINE" is the Bonafide work of "CHANDRU M, DHINAKARAN K, KARTHIK T, VIMALRAJ G" who carried out the project work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE
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Mr. M. SELVAKUMAR
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Submitted for the Project Viva-Voce examination held on

Internal Examiner


PRINCIPAL,
K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL DL, TAMIL NADU.

External Examiner

BONAFIDE CERTIFICATE

Certified that this project report "CHATBOT FOR COLLEGE ENQUIRY" is the bonafide work of "NANDHINI S,SELVAMLAR P and SHAILAA P M who carried out the project work under my supervision.



SIGNATURE

Dr.P.MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
DEPARTMENT OF
INFORMATION TECHNOLOGY,
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SIGNATURE

Mr.P.S. PRAKASH KUMAR.
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ASSOCIATE PROFESSOR
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Submitted for the Project Viva Voce examination held on

Internal Examiner

External Examiner



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K. S. R. INSTITUTE FOR
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K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025
BONAFIDE CERTIFICATE

Certified that this project report " SMART STOP WATCH FROM ANDROID APPLICATION" is the bonafide work of " SATHISHKUMAR V, KALIDASS R, MUKESH KANNA R and GIRINATH S " who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI
HEAD OF THE DEPARTMENT
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ENGINEERING

AND TECHNOLOGY-637215


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MISS.S.S.RAMYADHARSHNI
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DEPARTMENT OF
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KSR INSTITUTE FOR
ENGINEERING

AND TECHNOLOGY-637215

Submitted for the Project Viva-Voce examination held on _

Internal Examiner

External Examiner


PRINCIPAL,
K. S. R. INSTITUTE FOR
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K. S. R. KALVIHARAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025
BONAFIDE CERTIFICATE

Certified that this project report "LIBRARY MANAGEMENT SYSTEM" is the bonafide work of "BALAMURUGAN S, KARIPRASATH K, KANNAN P, NAVEENKUMAR G who carried out the project work under my supervision.


SIGNATURE


Mrs. Dr. P. MEENACHI DEVI M.E, PhD
HEAD OF THE DEPARTMENT
PROFESSOR
DEPARTMENT OF
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KSRIET Tiruchengode-637215


SIGNATURE

Ms .P.KEERTHANA M.E
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Submitted for the university Mini Project Viva-Voce examination held on

Internal Examiner


PRINCIPAL,
K. S. R. INSTITUTE FOR
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TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

External Examiner

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "Expense Tracker" is the Bonafide work of "BABU U S, VENKATESHWARAN S, SARAN V, LAKSHMANAN R " who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI

HEAD OF THE
DEPARTMENT
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INFORMATION TECHNOLOGY,
KSR INSTITUTE FOR
ENGINEERING AND
TECHNOLOGY-637215.

Submitted for university mini project viva-voce held on ..

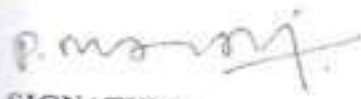
INTERNAL EXAMINER

EXTERNAL EXAMINER


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

ANNA UNIVERSITY: CHENNAI 600 025
BONAFIDE CERTIFICATE

Certified that this project report "A MOBILE APPLICATION FOR SYMPOSIUM REGISTRATION" is the Bonafide work of "DINESH KUMAR P, GOKULAN S, RAGU G, THANESSHWARAN Y G" who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI
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AND TECHNOLOGY-637215.


SIGNATURE

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Submitted for the University Mini Project Viva-Voce examination held on

Internal Examiner


PRINCIPAL,
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K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

External Examiner

ANNA UNIVERSITY :: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "**DETERMINATION OF PH LEVEL USING ARDUINO KIT**" is the bonafide work of "**GOBIKA M, SANDHIYA G, SREEMATHI INDRA S and THUSMEENA K R**" who carried out the project work under my supervision.


SIGNATURE

Dr. P. MEENAKSHI DEVI
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INFORMATION TECHNOLOGY,
KSR INSTITUTE FOR ENGINEERING
AND TECHNOLOGY- 637215.


SIGNATURE

Dr. P. MEENAKSHI DEVI
SUPERVISOR
HEAD OF THE DEPARTMENT
DEPARTMENT OF
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KSR INSTITUTE FOR ENGINEERING AND
TECHNOLOGY- 637215.



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K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

Submitted for the Project Viva-Voce examination held on

Internal Examiner

External Examiner

BONAFIDE CERTIFICATE

Certified that this project report "COURIER MANAGEMENT SYSTEM USING PHP" is the bonafide work of "SIVASANKARLR and VINOTHINLR" who carried out the project work under my supervision.


SIGNATURE

Mrs. Dr. P. MEENAKSHI DEVI.,

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

HEAD OF THE DEPARTMENT

PROFESSOR

DEPARTMENT OF IT

KSR IET

TIRUCHENGODE - 637215


SIGNATURE

Mr. S. NANDHAGOPAL,

B.Tech., M.E

SUPERVISOR

ASSISTANT PROFESSOR


DEPARTMENT OF IT

KSR IET

TIRUCHENGODE - 637215

Submitted for university mini project viva-voce held on

INTERNAL EXAMINER

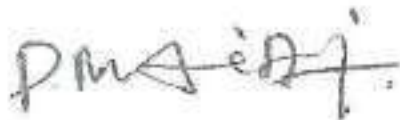

PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALMI NAGAR,
TIRUCHENGODE - 637 215
NAMAKKAL DL, TAMIL NADU.

EXTERNAL EXAMINER

ANNA UNIVERSITY: CHENNAI

BONAFIDE CERTIFICATE

Certified that this project report
"SCHOOL OF MANAGEMENT SYSTEM" is the bonafide work of
"JOSHUA DANIEL B, NAVEEN KUMAR G,
NIRMALKUMAR G, SRIRAM S" who carried out the project
work under my supervision.



SIGNATURE

Dr. P. MEENAKSHI DEVI

**HEAD OF THE
DEPARTMENT**

INFORMATION TECHNOLOGY, KSR
INSTITUTE FOR ENGINEERING AND
TECHNOLOGY-637215.



SIGNATURE

DR.M.DHURGA DEVI
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ASSISTANT PROFESSOR

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TECHNOLOGY-637215.

Submitted for the Project Viva-Voce examination held on _____

Internal Examiner



PRINCIPAL,
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K S R KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI, TAMIL NADU.

External Examiner

**K S R INSTITUTE FOR ENGINEERING AND
TECHNOLOGY**

TIRUCHENGODE – 637 215

ANNA UNIVERSITY

CHENNAI 600 025

BONAFIDE CERTIFICATE

This is to Certify that the project entitled, "IMAGE DEBLOCKING DETECTION AND QUALITY ENHANCER BASED ON RECURRENT NEURAL NETWORK" is the bonafide record of Project Work (Phase-I) of **VINOTHINI S (Reg.No:731618421001)** of M.E. (Computer Science and Engineering) during the year 2019 – 2020.



Mr .R. VENKATESAN, M.E.,

SUPERVISOR,

Assistant Professor/CSE



Dr. B.KALAAVATHI, Ph.D.,

HEAD OF THE DEPARTMENT,


Professor & Head/CSE

Submitted for the Project Work (Phase –I) Viva Voce examination held


on. 21.11.19



Internal Examiner



External Examiner



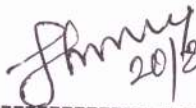
PRINCIPAL.
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DL, TAMIL NADU.

K S R INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE - 637215

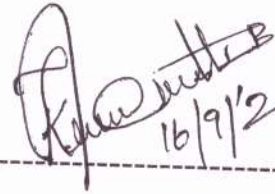
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "IMAGE DEBLOCKING DETECTION AND QUALITY ENHANCER BASED ON RECURRENT NEURAL NETWORKS" is the bonafide record of Project Work (Phase-II) of **VINOTHINI S** (Reg No: 731618405001) of M.E. (Computer Science and Engineering) during the year 2019-2020.

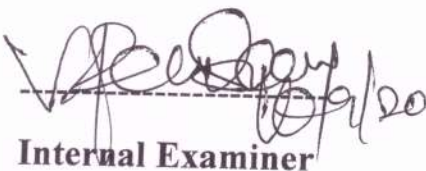

20/8/2020

Mr. M. JAGANATHAN, M.E.,
SUPERVISOR,
Assistant Professor/CSE

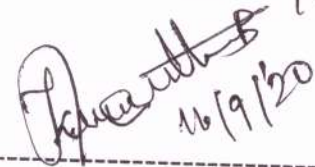

16/9/20

Dr. B. KALAAVATHI,
HEAD OF THE DEPARTMENT ,
Professor & Head/CSE


Submitted for the Project work (Phase-II) Viva – Voce Examination held on 16/9/2020


16/9/20

Internal Examiner


16/9/20

External Examiner


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE-637 215,
NAMAKKAL DI. TAMIL NADU.

ANNA UNIVERSITY, CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "LANE DETECTION USING IMAGE PROCESSING FOR TWO WHEELER DRIVING LICENSE TEST" is the bonafide work of L.KIRUTHIKA (Reg.No: 731618431001) who carried out the project work under my supervision. Certified further, that to the best of my knowledge the work reported does not form part of any other thesis on the basis of which a award was conferred on as earlier occasion on any other candidate.



SIGNATURE


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

HEAD OF THE DEPARTMENT

Professor & Head

Electrical and Electronics
Engineering

KSR Institute for Engineering
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Tiruchengode - 637 215.



SIGNATURE

Dr. P. VEENA M.E., Ph.D.,

SUPERVISOR

Professor


Electrical and Electronics
Engineering

KSR Institute for Engineering
and Technology,
Tiruchengode - 637 215

Submitted for the Project Phase I Viva-Voce held on 22-9-2020

INTERNAL EXAMINER


EXTERNAL EXAMINER




PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.


BONAFIDE CERTIFICATE

This is to certify that the project entitled, “**Design And Analysis Of Exoskeleton of Human Arm in Advancement With Robot Finger Gripping**” is the bonafide record Design project of **M.RAJESHKANNAN ME CAD/CAM** who carried out the work under my supervision during the year 2019-2020.


SIGNATURE
Dr.P.MURUGESAN M.E., Ph.D.,
HEAD OF THE DEPARTMENT,
Professor,
Department of Mechanical Engineering,
KSR institute for Engineering and
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Tiruchengode – 637 215.


SIGNATURE
Dr.R.MANI M.E.,Ph.D.,
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Department of Mechanical Engineering,
KSR institute for Engineering and
Technology,
Tiruchengode – 637 215.

Submitted to the Design project report and viva – voce examination held
on 22.5.2020


INTERNAL EXAMINER


EXTERNAL EXAMINER

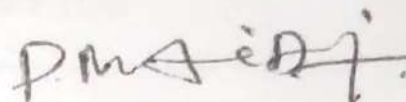

PRINCIPAL,
K S R INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K S R KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU,

KSR INSTITUTE FOR ENGINEERING AND TECHNOLOGY
TIRUCHENGODE – 637 215
ANNA UNIVERSITY
CHENNAI 600 025

BONAFIDE CERTIFICATE

This to Certify that the project entitled, “**COMMUNICATION EFFICIENCY USING HAA ALGORITHM AND COMPARSION ANALYSIS OVER SDN AND HDN**” is the bonafide record of project work(Phase-I) of **KAVITHA C(Reg.No:731618421001)** of M.E. (Software Engineering) during the year 2019 – 2020.





Mr.S. NANDHAGOPAL M.E.

Dr.P.MEENAKSHI DEVI M.E., Ph.D.,

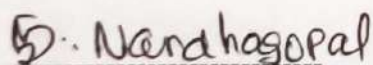
SUPERVISOR

HEAD OF THE DEPARTMENT

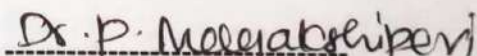
Assistant Professor/IT

Professor & Head/IT

Submitted for the Project Work (Phase –I) Viva Voce examination held on 21.11.2019.



Internal Examiner



External Examiner


PRINCIPAL,
K. S. R. INSTITUTE FOR
ENGINEERING AND TECHNOLOGY,
K. S. R. KALVI NAGAR,
TIRUCHENGODE - 637 215,
NAMAKKAL Dt, TAMIL NADU.

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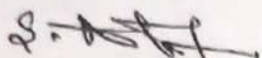
TIRUCHENGODE – 637 215

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BONAFIDE CERTIFICATE

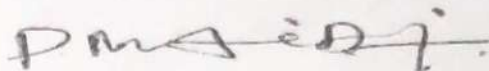
This to Certify that the project entitled, “**COMMUNICATION EFFICIENCY USING HAA ALGORITHM BASED ON IOT**” is the bonafide record of project work(Phase-II) of **KAVITHA C (Reg.No:731618421001)** of M.E. (Software Engineering) during the year 2019 – 2020.



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