

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**REVOLUTIONIZING EDUCATION NAVIGATING VIRTUAL REALMS FOR ENHANCED LEARNING**” is the bonafide work of “**DAVE ROJER R.P – 963320104020, NIVEDH SANKAR C.J - 963320104042, SABARISH C – 963320104049, PRASANTH J- 963320104301**” who carried out the project work under my supervision.

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Dr.Rajeswari, M.E, Ph.D

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University Practical Viva-Voce Examination held on ... 8.05.2024 at  
Rohini College of Engineering & Technology, Palkulam.

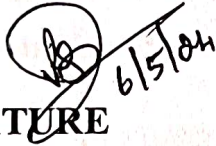
  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**ENHANCED CROP MANAGEMENT AND DISEASE DETECTION USING DEEP LEARNING**” is the bonafide work of “**Ajinslin J – 963320104003, Janice Gressida J – 963320104027, Lavanya E – 963320104032**” who carried out the project work under my supervision.



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**Mrs. R. Sahila Devi, M.Tech.**

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University Practical Viva-Voce Examination held on.....02.10.5.1.20.24.....at  
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**INTERNAL EXAMINER**



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**Mrs. R. Sahila Devi, M.Tech.**

**SUPERVISOR**

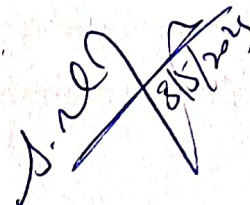
Assistant Professor & Head

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**EXTERNAL EXAMINER**



**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “AN INTELLIGENT INTRUSION DETECTION SYSTEM FOR SMART GRID USING MACHINE LEARNING” is the bonafide work of “AJITHA P – 963320104004, MOWLIKA J R – 963320104036, VEERA ELAKKIYA M - 963320104059 ” who carried out the project work under my supervision.

  
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**Mr.I.Sivaprasad Manivannan,M.E**

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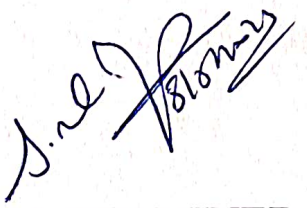
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University Practical Viva-Voce Examination held on ...08/05/2024.... at Rohini College of Engineering & Technology, Palkulam.

  
INTERNAL EXAMINER

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EXTERNAL EXAMINER

**EXTERNAL EXAMINER**



**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**SOCIAL MEDIA SENTIMENT ANALYSIS USING ADVANCED PARTICLE SWARM OPTIMIZATION**” is the bonafide work of “**AJETHRA A - 963320104002, NITHYA A - 963320104041, SEETHA M - 963320104303** ” who carried out the project work under my supervision.

  
**SIGNATURE**

**Mrs.R.Sahila Devi ,M.Tech**

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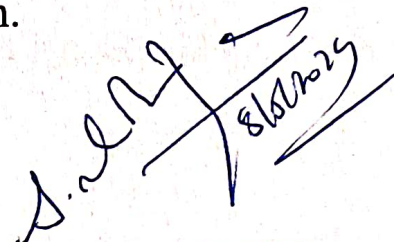
Palkulam, Variyoor (Post)

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University Practical Viva-Voce Examination held on 08/05/2024  
at Rohini College of Engineering & Technology, Palkulam.

  
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**INTERNAL EXAMINER**

  
**SIGNATURE**

**EXTERNAL EXAMINER**



**BONAFIDE CERTIFICATE**

Certified that this project "GAS LEVEL DETECTION AND AUTOMATIC BOOKING SYSTEM USING IOT" is the bonafide work of "BENCY TEENU.M (963320104016), DANUJA.D (963320104019), SREE AJATHA.N.T (963320104056)" who carried out the project work under my supervision.



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Mr. J.SHAJI

SUPERVISOR

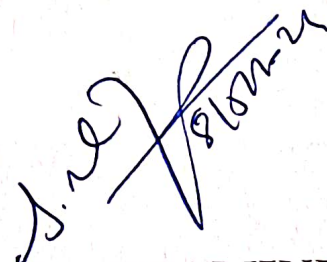
ASSISTANT PROFESSOR

Computer Science and Engineering  
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Submitted for the Viva-Voce held on. 08/05/24.



INTERNAL EXAMINER



EXTERNAL EXAMINER



ANNA UNIVERSITY: CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certified that this project report "INTELLIGENT CROP RECOMMENDATION USING MACHINE LEARNING "is the bonafide work of "SUREKHA S - 963320104304, LINSILA REGIN R - 963320104702, ATSHAYA K - 963320104015 " who carried out the project under my Supervision.



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**Dr.I.Michel Revina,M.E,Ph.D**

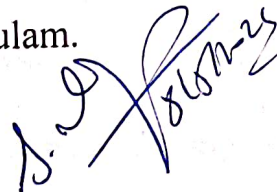
**SUPERVISOR**

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Kanyakumari - 629 401.

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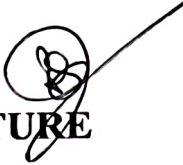
**EXTERNAL EXAMINER**



**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “CYCLONE PREDICTION USING DEEP LEARNING” is the bonafide work of “ANUGRAHA S – 963320104010, ARCHANA J – 963320104012, ARCHANA S - 963320104013 ” who carried out the project work under my supervision.



**SIGNATURE**

**Mrs.R.Sahila Devi ,M.Tech**

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**SIGNATURE**

**Mrs.G.Devi Visalakshi,M.Tech**

**SUPERVISOR**

Assistant Professor

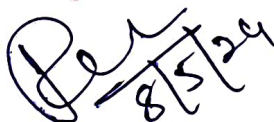
Department of Computer Science and Engineering

Rohini College of Engineering & Technology

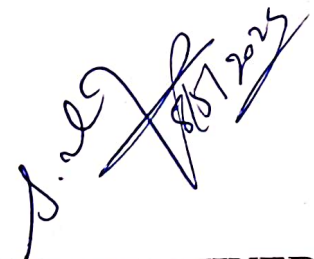
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Kanyakumari - 629 401.

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**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**DESIGNING MACHINE LEARNING SYSTEM FOR STROKE PREDICTION USING EXPLAINABLE AI**” is the bonafide work of “**ANTON VASANTH – 963320104009, GOWSIK BEESMA SHILESH- 963320104022, SAM GIFTSON MATHEW – 963320104050**” who carried out the project work under my supervision.

  
**SIGNATURE**

**Mrs. R. Sahila Devi, M.Tech**

**HEAD OF THE DEPARTMENT**

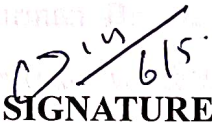
Assistant Professor & Head

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**Mrs. R. Meenakshiammal, M.E**

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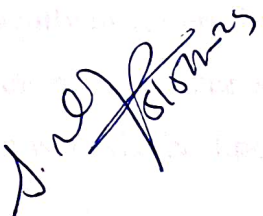
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& Technology

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Kanyakumari - 629 401.

University Practical Viva-Voce Examination held on ..8.05.2024 at  
Rohini College of Engineering & Technology, Palkulam.

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “MOBILE APPLICATION FOR FAKE NEWS DETECTION USING DEEP LEARNING TECHNIQUES” is the bonafide work of “GOWTHAM – 963320104023, JESWIN SAM-963320104028, VIGNESH – 963320104063” who carried out the project work under my supervision.



**SIGNATURE**

**Mrs. R. Sahila Devi, M.Tech**

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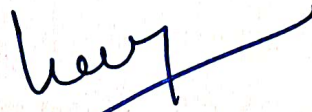
Assistant Professor & Head

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**Mrs. A. Haseena Beevi, M.E**

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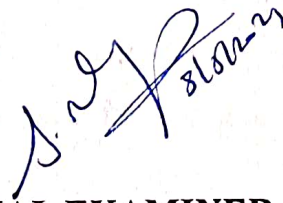
Palkulam, Variyoor (Post)

Kanyakumari - 629 401.

University Practical Viva-Voce Examination held on ..... at Rohini College of Engineering & Technology, Palkulam.



**INTERNAL EXAMINER**



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**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report **“INNOVATIVE TASK SCHEDULING STRATEGIES WITH ASA-TL”** is the bonafide work of **“HILDA R(963320104025), NIKITHA VESTA K(963320104039), SRI KOWSALYA DEVI V(963320104057)”** who carried out the project work under my supervision.



**SIGNATURE**

Mrs. R. SAHILA DEVI, M.Tech

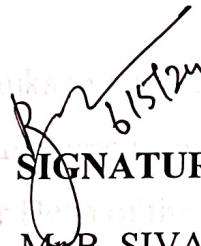
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University Practical Viva-Voce Examination held on ....D.R...0.5...2024.....at  
Rohini College of Engineering & Technology, Palkulam.



**INTERNAL EXAMINER**



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**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "ECOMMERCE WEBSITE FOR RURAL DEVELOPMENT" is the bonafide work of "(Biju H Nair – 963320104018, Nithin C – 963320104041, Solai Kesavan B – 963320104055, Vignesh P – 963320104061)" who carried out the project work under my supervision.



**SIGNATURE**

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University Practical Viva-Voce Examination held on ...08./05/2024. at

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**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**



MAY 2024

ANNA UNIVERSITY: CHENNAI 600 025

**BONAFIDE CERTIFICATE**

Certified that this project report "FREELANCER CONSULTANT PLATFORM FOR EMPOWERING COMMUNITIES" is the bonafide work of "SUJITH R - 963320104058, VIGNESH B R - 963320104060, VISHANTH J - 963320104065" who carried out the project work under my supervision.

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M. S. Bagavathiammal  
SIGNATURE

Mrs.R.Sahila Devi ,M.Tech

Mrs.M.S.Bagavathiammal,M.E

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**ANNA UNIVERSITY: CHENNAI 600 025**

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Certified that this project report "DIGITAL IMAGE FORGERY DETECTION USING DEEP LEARNING" is the bonafide work of "Arjun RJ – 963320104013, anakiraman S – 963320104026, Rahul R Nair – 963320104047" who carried out the project work under my supervision.



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University Practical Viva-Voce Examination held on 08.05.2024..... at Rohini  
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Certified that this project report "AIR QUALITY PREDICTION USING MACHINE LEARNING" is the bonafide work of "ANUSHRA J - 963320104011, LEKSHMI G - 963320104033, RESHMITHA Y C - 963320104048 " who carried out the project work under my supervision.

  
SIGNATURE

  
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**Mrs.R.Sahila Devi ,M.Tech**

**Mrs.Blanie Scrimshaw William,M.E**

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EXTERNAL EXAMINER



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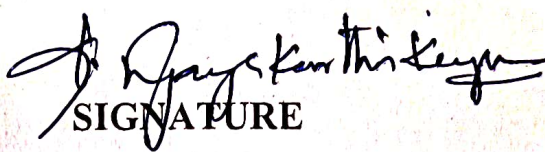
Certified that this project report “**DROWSINESS DETECTION SYSTEM FOR DRIVERS USING DEEP LEARNING**” is the bonafide work of “**BENISH NAGAYAM T - 963320104017, GODFREY - 963320104701, KANGABAM NIKHIL - 963320104030, PRAVEEN KUMAR KC - 963320104045**” who carried out the project work under my supervision.



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**Mrs.R.Sahila Devi ,M.Tech**  
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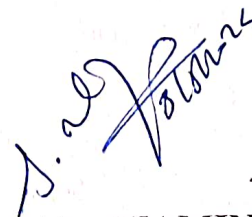
**MR.K.Vijaya Karthikeyan, M.Tech**  
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University Practical Viva-Voce Examination held on ...08/05/2024..... at  
Rohini College of Engineering & Technology, Palkulam.



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EXTERNAL EXAMINER



**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "TRAFFIC SIGN RECOGNITION SYSTEM FOR URBAN ENVIRONMENT" is the bonafide work of "PON SURIYA (963320104044), SAPAM UDDESH (963320104052), SHIJU (963320104054)" who carried out the project work under my supervision.



**SIGNATURE**

**Mrs. R.SAHILA DEVI, B.E, M.TECH**

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**SIGNATURE**

**Mrs. L JANCY VINU, M.E, B.Ed**

**SUPERVISOR**

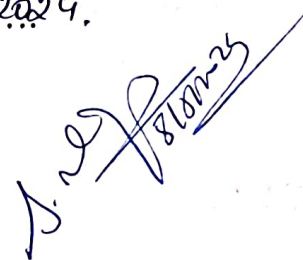
**ASSISTANT PROFESSOR**

Computer Science and Engineering  
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Technology, Palkulam

Submitted for the Viva-Voce held on. 08.05.2024.



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**



# ANNA UNIVERSITY: CHENNAI 600 025

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Certified that this project report "NUTRICARE QUEST ENSURING HEALTHY EATING THROUGH FOOD HEALTH CHECK USING IOT" is the bonafide work of "Abhijith A - 963320104001, Alex Thomas - 963320104007, Harikrishnan B - 963320104024" who carried out the project work under my supervision

  
SIGNATURE

Mrs.R.Sahila Devi, M.Tech

HEAD OF THE DEPARTMENT

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Mrs. C.Shyamala Gowri, M.Tech

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University Practical Viva-Voce Examination held on 8/05/2024 at Rohini  
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INTERNAL EXAMINER

  
EXTERNAL EXAMINER



**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "FOREST FIRE DETECTION USING CNN" is the bonafide work of "Anglin Ashmi V-963320104008, Keerthi SB-963320104031, Navoshitha M-963320104038" who carried out the project work under my supervision.



**SIGNATURE**

**Mrs.R.Sahila Devi**

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**SIGNATURE**

**Dr.A.Lourdes Mary**

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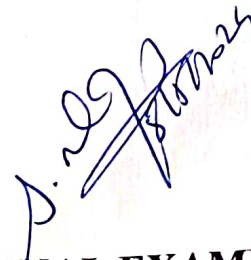
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**EXTERNAL EXAMINER**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report “**FEDERATED LEARNING-AIDED PROGNOSTICS IN THE SHIPPING 4.0**” is the bonafide work of “**FEROZ AHAMED – 963320104021, RAGUL SELTON- 963320104046, REXIN THUSNEVIS – 963320104302**”who carried out the project work under my supervision.

  
**SIGNATURE**

**Mrs. R. Sahila Devi, M.Tech**

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Assistant Professor & Head

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**SIGNATURE**

**Mrs. R. Anuja, M.E**

**SUPERVISOR**

Assistant Professor

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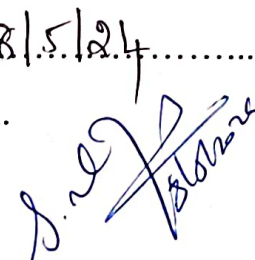
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**BONAFIDE CERTIFICATE**

Certified that this project report “**SECURITY AND RELIABILITY OF AADHAAR-BASED FINGER PRINT AUTHENTICATION FOR VOTING**” is the bonafide work of “Nalla sivam R – 963320104037, Satheesh Manikandan M- 963320104053, Manikandan M - 963320104035, Vinish Kumar V - 963320104064” who carried out the project work under my supervisor.



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