

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Accredited with 'A++' Grade by NAAC

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BONAFIDE CERTIFICATE

Certified that this project report "DISTRBUTED CONTROL SCHEME TOWARDS IOT, ENABLED SMART COOPERATIVE INTERSECTION TRAFFIC CONTROL AND MANAGEMENT FOR URBAN AREAS " is the bonafide work of

RISHIKESAN R	20107813
SELVASUNDARAM S	20107814
SITHARTHAN B	20107815
SUDHAN B	20107817

who carried out the project work under my supervision.



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Assistant professor
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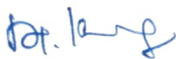


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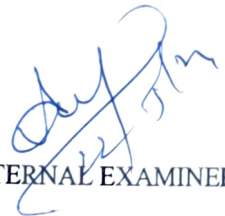
Dr.B.ANAND,ME., Ph.D.
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Submitted for the Project Viva-Voce Examination of the Anna university

Conducted on...22/04/2024...



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COIMBATORE 641 032

ANNA UNIVERSITY: CHENNAI 600 025

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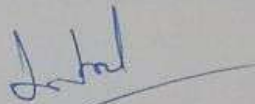
Certified that this project report for "SMART AGRICULTURE USING MACHINE LEARNING WITH DATA ANALYTICS" is the bonafide work of ABDUL WAHEED A R, IGNATIUS ABRAHAM J, NAVEEN X, VAISHNAVI G who carried out the project work under my supervision.



D.DEIVASIGAMANI, M.E

SUPERVISOR

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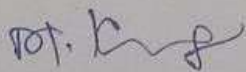


Dr.B.ANAND, ME., Ph.D.

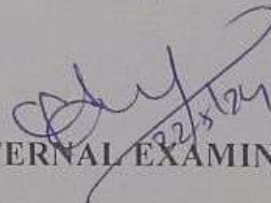
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Certified that this project report "SMART LAVATORY FEATURING AUTOMATIC SELF-CLEANSING AND UV DISINFECTION" is the bonafide work of

AKASH M	[20107003]
ARUN S	[20107004]
DURAI ARASU P	[20107006]

who carried out the project work under my supervision.



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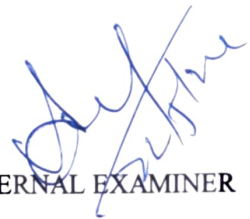
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Certified that this project report "PLC BASED SMART SCHEDULER FOR EFFICACIOUS AGRONOMICS ACTIVITIES" is the bonafide work of

MEENALOSHINI M	[20107014]
JAGADIESH J	[20107808]
MAHENDIRAN P	[20107809]
MIDHUN B	[20107810]

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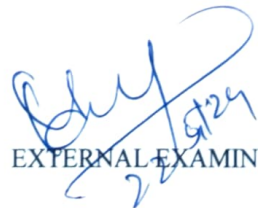
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on... 20.05.24



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Certified that this project report titled “AUTOMATED SOLAR POSITIONING SYSTEM WITH PLC” is the bonafide work of AJAY M (20107001), AKASH LENIN T (20107002), GURUNITHISH RAJ S (20107007), MUTHUKRISHNAN SP (20107811) who carried out the project work under my supervision.



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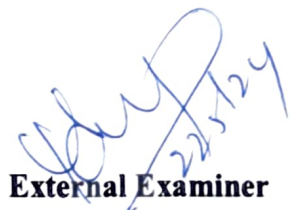
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Internal Examiner



External Examiner

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BONAFIDE CERTIFICATE

Certified that this project report "**SMART LOAD MONITORING AND ENERGY
METER**" is the bonafide work of

Mr.HARISH M	[20107008]
Mr.KAMALESH R	[20107011]
Mr.KAVIYARSAN K	[20107013]
Mr.SATHISH S	[20107023]

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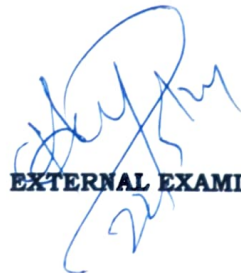
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BONAFIDE CERTIFICATE

Certified that this project report "**PLC BASED RAILWAY GATE CLOSING SYSTEM**" is the bonafide work of

MOHAMMED JIYATH M

[20107015]

MUTHUMANI T

[20107016]

VIJAYA SANKAR S

[20107028]

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[20107804]

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Certified that this project report " **DYNAMIC CONTROL OF TRANSFORMER LOADS USING IOT** " is the bonafide work of

VIGNESWARAN S	[20107027]
PARIMALESHWARAN A	[20107019]
RESANTH S	[20107020]
RUBANKUMAR A	[20107021]

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KAVIARASAN K	[20107012]
NITHINRISHIKESH R	[20107018]
SARAVANAN R	[20107022]
SURYA S	[20107025]



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Certified that this project report "**SMART PARKING AND CHARGING SYSTEM
FOR E-VEHICLES WITH APP PAYMENTS** " is the bonafide work of

Mr.HARSHAK VENDAN T	[20107009]
Mr.ARUN KUMAR S	[20107805]
Mr.INBA AJITH R	[20107010]

who carried out the project work under my supervision.



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ABHAY GOVIND

[20107802]

ABUBACKER SIDDIQUE

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DHEERAJ MR

[20107806]

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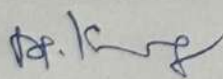
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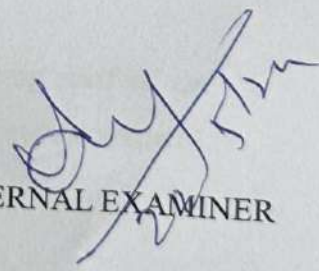

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Certified that this project report "SMART WSN SENSOR NODES FOR AQUATIC POLLUTANT DETECTION USING ML AND IoT APPROACHES" is the bonafide work of

DRAVID S	[20107005]
NITHINKUMAR S	[20107017]
VINOHASAN M	[20107029]

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