

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE, New Delhi, Accredited with 'A⁺⁺' Grade by
NAAC(An Autonomous Institution, Affiliated to Anna University,
Chennai).

BONAFIDE CERTIFICATE

Certified that this project report " **DESIGN OF GASOLINE-POWERED
MOTORCYCLE INTO AN ELECTRIC BIKE** " is the bonafide work of

ABHINAND M R	[20105001]
ANANTHAKRISHNAN M D	[20105004]
EDISON G	[20105015]
NIKHIL DAS C	[20105034]

who carried out the project work under my supervision.


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Submitted for the Project Viva-Voce Examination of the Anna
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BONAFIDE CERTIFICATE

Certified that this project report "INNOVATIVE AI-DRIVEN PEDESTRIAN SUPPORT SYSTEM FOR ACCESSIBILITY AND SAFETY" is the bonafide work of

ALAMEEN A [20105003]

CHOCKALINGAM S [20105010]

GUNA P [20105017]

VISWA ANANTHA V [20105060]

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Dr.K.Mathan,M.E.,Ph.D.,
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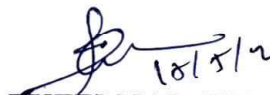
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BONAFIDE CERTIFICATE

Certified that this project report " **AUTOMATED CAR WASHING SYSTEM USING PLC** " is the bonafide work of

ARUN C

[20105005]

DHANUSH M

[20105011]

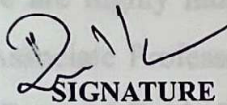
DINESH S

[20105013]

ELAVARASAN S

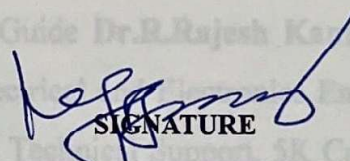
[20105016]

who carried out the project work under my supervision.



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Dr.R.RAJESH KANNA, M.E,Ph.D.,
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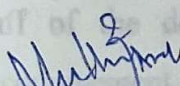


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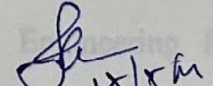
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BALAKUMARAN A	[20105007]
KEBIN RAJ S	[20105022]
NISHANTH S	[20105035]
SHANKIYAA K	[20105050]

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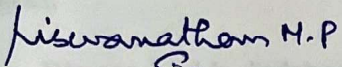
BHARATH KUMAR S [20105009]

NITHIS KUMAR J [20105036]

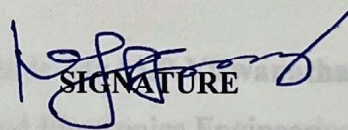
PRADEESH B [20105037]

SANTHOSH K B [20105049]

Who carried out the project work under my supervision.


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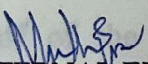
Mr.M.P.Viswanathan, M.E.,
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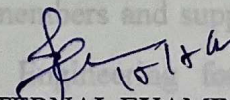

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Certified that this project report " INNOVATIONS IN SPEED CONTROL FOR SWITCHED RELUCTANCE MOTORS IN ELECTRIC VEHICLE PROPULSION" is the bonafide work of

DINESHKUMAR S	[20105014]
HARIKRISHNA S	[20105018]
NAVEEN R	[20105033]
SABARISHWAR V	[20105043]

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Mr.G.Muthuram, M.E., MISTE.,
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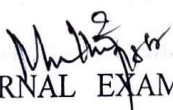

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Certified that this project report "ANDROID POWERED ROBOT FOR DISTANCE MEASUREMENT IN CHALLENGING ENVIRONMENTS " is the bonafide work of

KAVIYARASAN K [20105021]

SAISRINIVASAN R [20105045]

SURENDHAR S [20105053]

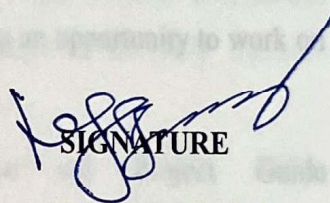
VASANTHAKUMAR S [20105058]

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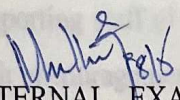

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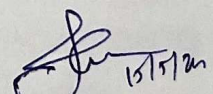
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- LIJO JOHN J** [20105023]
- MANISHA R** [20105024]
- SAJIN S J** [20105046]
- MOHAMMED RIYAZ K** [20105802]

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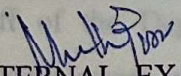
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Certified that this project report "IOT BASED SMART ENERGY METER"

is the bonafide work of

MANOJ KUMAR V

[20105025]

MOHAMMED MEERAN JAVITH M

[20105028]

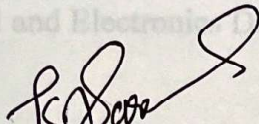
NAGARAJAN N

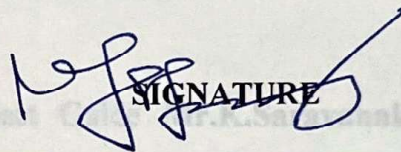
[20105031]

RAGUL E

[20105040]

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Mr.K.Saravanakumar,M.E.,(Ph.D),

Dr.N.P.Ananthamoorthy, M.E., Ph.D.,

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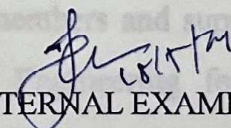
Technology, Coimbatore - 641032

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BONAFIDE CERTIFICATE

Certified that this project report "**PLC BASED INNOVATIONS IN PICK AND PLACE CONVEYOR TECHNOLOGY**" is the bonafide work of

MIDHUN KISHAD C R	[20105026]
PRAVEEN M	[20105038]
RAGUL PRASATH S	[20105041]
SOMESH M	[20105804]



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Mr.S.Joshua Daniel, M.E., (Ph.D).,
Assistant Professor
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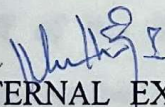


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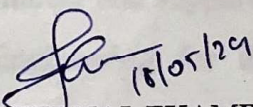
Dr.N.P.Ananthamoorthy, M.E., Ph.D.,
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Certified that this Project Report "LI-FI BASED DATA TRANSMISSION SYSTEM" is the bonafide work of

NANTHABALA N	[20105032]
SAKTHIDHASAN V	[20105047]
SANJEEV V	[20105048]
THAVASI R	[20105056]

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Mr. N. Maheshkumar , M.E.,

SUPERVISOR

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Hindusthan College of Engineering and
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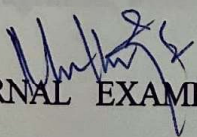
Dr. N.P. Ananthamoorthy, M.E., Ph.D.,

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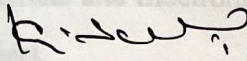
Certified that this project report "DESIGN AND IMPLEMENTATION OF HARNESSING SOLAR ENERGY EMPOWERING HOUSEHOLD APPLICATIONS " is the bonafide work of

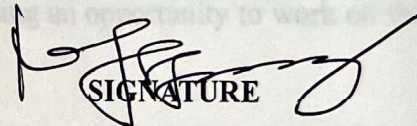
BARANIDARAN S [20105008]

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SRI HARIHARAN S P [20105807]

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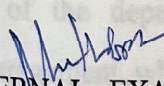
Electrical and Electronics Engineering

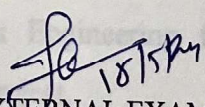
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Certified that this project report "**AUTO DIMMING STREET LIGHTING SYSTEM**" is the bonafide work of

SIVASANKARAN B	[20105052]
THAGESH R	[20105055]
THOUFEEQ ROSHAN J	[20105057]
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BONAFIDE CERTIFICATE

Certified that this project report "**OPTIMISED LIQUID LEVEL CONTROL USING PLC**"

is the bonafide work of

ARUN KUMAR M	[20105006]
KATHIRAVAN K	[20105020]
RAKKAPAN K	[20105042]
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Certified that this project report " PLC USED JUICE BOTTLE FILLING MACHINE "
is the bonafide work of

DINESH RP	[20105012]
VIJAY KUMAR US	[20105059]
HARIHARAN N	[20105801]
SRINATH R	[20105805]

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KAJENDRAN M	[20105019]
MOHAMED FARHAT M	[20105027]
PRAVEENKUMAR T	[20105039]
SUTHAN ARUL P	[20105054]

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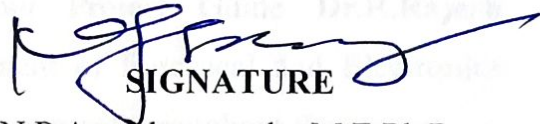
ADIL A	[20105002]
MOHAMMED ABDUL BASITH C P	[20105029]
MOHAMMED RISAL M P	[20105030]
SADHIK A	[20105044]

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