



Indra Ganesan

COLLEGE OF ENGINEERING

Approved by AICTE, New Delhi & Affiliated to Anna University, Chennai
Accredited by NAAC with 'B+' Grade, 2(f) & 12B Status Institution by UGC

IG Valley, Madurai Main Road, Manikandam, Tiruchirappalli - 620012

NAAC DOCUMENTS

QUALITY INDICATOR FRAME WORK

CRITERION – 2

TEACHING-LEARNING AND EVALUATION

SUBMITTED BY

IQAC

INTERNAL QUALITY ASSURANCE CELL
INDRA GANESAN COLLEGE OF ENGINEERING





Indra Ganesan
COLLEGE OF ENGINEERING

Madurai Main Road (NH-45B), Manikandam, Tiruchirappalli - 620 012
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NAAC Accredited, 2(F) Status Institution by UGC



2020-2021

Criteria 2	Teaching-Learning and Evaluation	350
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Key Indicator-Experiential Learning Method (90)

**DEPARTMENT OF ELECTRONICS AND
COMMUNICATION ENGINEERING**



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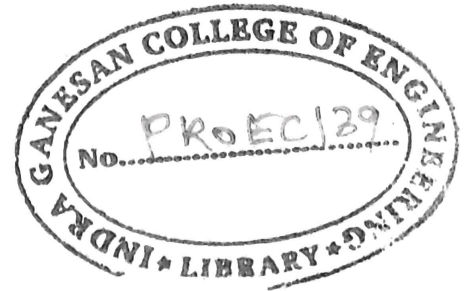


DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

S.No	Project Title	No Students
1	A COST EFFECTIVE HOME AND INDUSTRIAL AUTOMATION USING GOOGLE ASSISTANT	04
2	BLIND IMAGE QUALITY ANALYSIS SYSTEM	03
3	WIRELESS SENSOR NETWORK BASED ALERT SYSTEM TO SAVE LIFE IN MINES WITH HIGH SECURITY SYSTEM	02
4	ADVANCE WALKING STATE MONITORING BASED ON GSM	04
5	BANDWIDTH ENHANCEMENT OF MICROSTRIP PATCH ANTENNA WITH MULTIPLE PARASITIC PATCHES AND	03

**A COST EFFECTIVE HOME AND INDUSTRIAL
AUTOMATION USING GOOGLE ASSISTANT**

A PROJECT REPORT



Submitted by

MADHU M.

MEENA V.

NANDHINI R.

SARASWATHI A.

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

BACHELOR OF ENGINEERING

in

**ELECTRONICS AND COMMUNICATION ENGINEERING
INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY**

ANNA UNIVERSITY: CHENNAI 600 025

MARCH 2019

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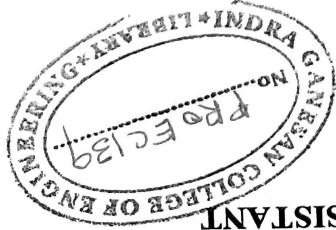
in

ELECTRONICS AND COMMUNICATION ENGINEERING

INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY

ANNA UNIVERSITY: CHENNAI 600 025

MARCH 2019



BONAFIDE CERTIFICATE

Certified that this project report "A COST EFFECTIVE HOME AND INDUSTRIAL AUTOMATION USING GOOGLE ASSISTANT" is the bonafide work of "MADHU M. (811215106024), MEENA V. (811215106027), NANDHINI R. (811215106029) and SARASWATHI A. (811215106042)" who carried out the project work under my supervision.


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Asst. Prof. J. MANOKARAN

SUPERVISOR

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Madurai Main Road, NH-45B,
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Submitted for Anna University project Viva-Voce examination held on 25-03-2019


INTERNAL EXAMINER


EXTERNAL EXAMINER

BLIND IMAGE QUALITY ANALYSIS SYSTEM

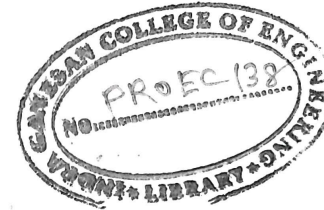
A PROJECT REPORT

Submitted by

KALAI SELVI R.

SHALINI G.

SUJI EVANGELIN JASMINE S.



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BLIND IMAGE QUALITY ANALYSIS SYSTEM

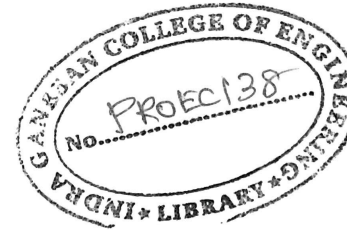
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MARCH 2019

ANNA UNIVERSITY :CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "BLIND IMAGE QUALITY ANALYSIS" is the Bonafide work of "KALAI SELVI R. (811215106020), SHALINI G. (811215106044) & SUJI EVANGELIN JASMINE S. (811215106046)" who carried out the project work under my supervision


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SUPERVISOR

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Department of Electronics & Communication Engineering

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**Madurai Main Roa,NH-45B,
Trichirappalli – 620 012**

Submitted for Anna University project Viva-Voce examination held on 25-03-19


INTERNAL EXAMINER


EXTERNAL EXAMINER



**WIRELESS SENSOR NETWORK BASED ALERT SYSTEM
TO SAVE LIFE IN MINES WITH HIGH SECURITY SYSTEM**

A PROJECT REPORT

Submitted by

KARTHICK R.

PRABHU M.

*in partial fulfillment for the award of the degree
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in

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INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY**

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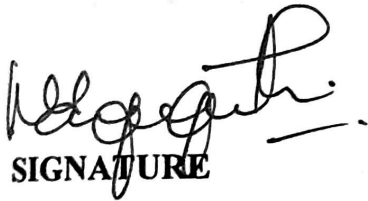
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BONAFIDE CERTIFICATE

Certified that this project report "WIRELESS SENSOR NETWORK BASED ALERT SYSTEM TO SAVE LIFE IN MINES WITH HIGH SECURITY SYSTEM" is the bonafide work of "KARTHICK R. (811215106021) & PRABHU M. (811215106032)" who carried out the project work under my supervision.


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Submitted for Anna University project Viva-Voce examination held on

25.3.2019


INTERNAL EXAMINER


EXTERNAL EXAMINER

**ADVANCE WALKING STATE MONITORING BASED ON
GSM**

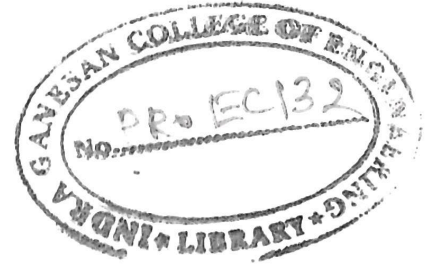
A PROJECT REPORT

Submitted by

FARSANA K

JAYASRI A

RAMYA G



*in partial fulfillment for the award of the degree
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**ADVANCE WALKING STATE MONITORING BASED ON
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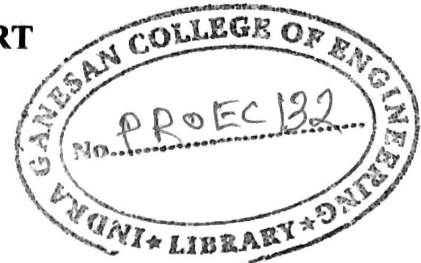
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MARCH 2019

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project report "ADVANCE WALKING STATE MONITORING BASED ON GSM" is the bonafide work of "FARSANA K. (811215106012), JAYASRI A. (811215106018) & RAMYA G. (811215106039)" who carried out the project work under my supervision.


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**Madurai Main Road, NH-45B,
Tiruchirappalli - 620 012, India**


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Mrs. M. NANDHINI
SUPERVISOR

**Department of Electronics &
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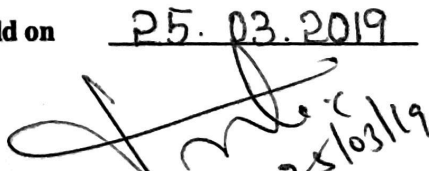
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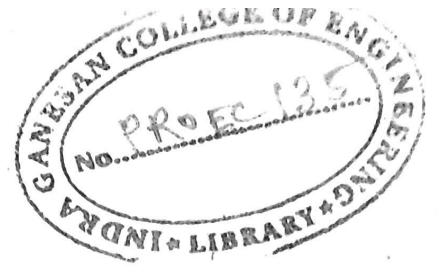
**Madurai Main Road, NH-45B,
Tiruchirappalli - 620 012, India**

Submitted for Anna University project Viva-Voce examination held on

25.03.2019


INTERNAL EXAMINER


EXTERNAL EXAMINER



**BANDWIDTH ENHANCEMENT OF MICROSTRIP PATCH
ANTENNA WITH MULTIPLE PARASITIC PATCHES AND
SHORTING VIAS**

A PROJECT REPORT

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JANCYRANI K

KRISHNAVENI K

SURYA N

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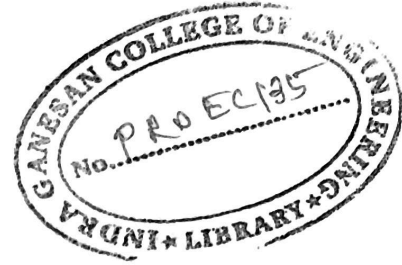
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ANNA UNIVERSITY: CHENNAI 600 025

MARCH 2019



**BANDWIDTH ENHANCEMENT OF MICROSTRIP PATCH
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INDRA GANESAN COLLEGE OF ENGINEERING, TRICHY**

ANNA UNIVERSITY: CHENNAI 600 025

MARCH 2019

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BONAFIDE CERTIFICATE

Certified that this project report "BANDWIDTH ENHANCEMENT OF MICROSTRIP PATCH ANTENNA WITH MULTIPLE PARASITIC PATCHES AND SHORTING VIAS" is the bonafide work of "JANCYRANI K. (811215106017), KRISHNAVENI K. (811215106023) & SURYA N. (811215106048)" who carried out the project work under my supervision.


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25.08.19


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