



# 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

<b>Criteria 2</b>	<b>Teaching-Learning and Evaluation</b>	<b>350</b>
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**Key Indicator-Experiential Learning Method (90)**

**DEPARTMENT OF COMPUTER  
SCIENCE AND ENGINEERING**



# Indra Ganesan

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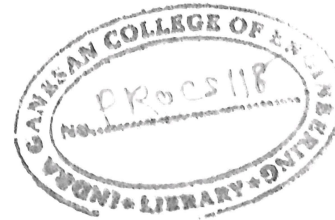
### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

S.No	Project Title	No Students
1	PRIVACY PRESERVATION FOR ONLINE TRANSACTION DATA USING THREE TIER ARCHITECTURE.	04
2	INTEGRATED MEDICARE APPLICATION WITH SMARTBOT	03
3	ANALYSING TRAFFIC INCIDENTS USING MACHINE LEARNING METHODS	02
4	FACIAL EXPRESSION RECOGNITION BASED ON HAAR CASCADE ALGORITHM FOR ANNOTATE THE APPLICATIONS IN PLAYERS	04
5	SECURE AUTHENTICATION FOR INTERNET BANKING USING FACIAL RECOGNITION	02

**PRIVACY PRESERVATION FOR ONLINE  
TRANSACTION DATA USING THREE TIER**

**ARCHITECTURE**

**A PROJECT REPORT**



*Submitted by*

<b>HEMA P</b>	<b>811215104016</b>
<b>NIROSHA K</b>	<b>811215104028</b>
<b>SUHASHINI R</b>	<b>811215104044</b>

*In partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

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**INDRA GANESAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI**

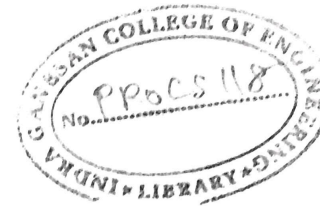
**ANNA UNIVERSITY:: CHENNAI 600 025**

**MARCH 2019**

**PRIVACY PRESERVATION FOR ONLINE  
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**ARCHITECTURE**

**A PROJECT REPORT**



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**ANNA UNIVERSITY:: CHENNAI 600 025**

**MARCH 2019**

**ANNA UNIVERSITY: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

Certified that this project report "PRIVACY PRESERVATION FOR ONLINE TRANSACTION DATA USING THREE TIER ARCHITECTURE" with bonafide work of HEMA P (811215104016), NIROSHA K (811215104028), SUHASHINI R (811215104044) who carried out the project work under my supervision.

  
**SIGNATURE**

Mr.B.THILLAI EASWARAN

**HEAD OF THE DEPARTMENT**

Associate Professor

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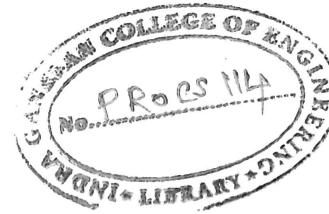
The Viva – Vice Examination of this project work done as a part of B.E Computer Science and Engineering was held on 25.03.19 (FN).

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**INTEGRATED MEDICARE APPLICATION WITH  
SMARTBOT**

**A PROJECT REPORT**



*Submitted by*

<b>A.MEENA</b>	<b>811215104025</b>
<b>M.SUBA SHREE</b>	<b>811215104041</b>
<b>C.SUBATHRADEVI</b>	<b>811215104042</b>

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IN  
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**INDRA GANESAN COLLEGE OF ENGINEERING, TIRUCHIRAPALLI**

**ANNA UNIVERSITY::CHENNAI 600025**

**MARCH 2019**

**INTEGRATED MEDICARE APPLICATION WITH**

**SMARTBOT**

**A PROJECT REPORT**

*Submitted by*

- A.MEENA** 811215104025
- M.SUBA SHREE** 811215104041
- C.SUBATHRADEVI** 811215104042

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**MARCH 2019**





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The Viva-Vice Examination of this project work done as a part of B.E  
Computer Science and Engineering was held on .25/03/19..:F.M

  
**INTERNAL EXAMINER**

  
25/3/19  
**EXTERNAL EXAMINER**

**ANALYSING TRAFFIC INCIDENTS USING  
MACHINE LEARNING METHODS**

**A PROJECT REPORT**

*Submitted by*

**NARKIS BANU B**

**811215104027**

**ABHINAYA R**

**811215104001**

*In partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

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**INDRA GANESAN COLLEGE OF ENGINEERING, TIRUCHIRAPALLI**

**ANNA UNIVERSITY: CHENNAI 600 025**

**MARCH 2019**



ANALYSING TRAFFIC INCIDENTS USING

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A PROJECT REPORT

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MARCH 2019



**ANNA UNIVERSITY::CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

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**SIGNATURE**

Mr.B.THILLAIEASWARAN



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MS.A.GETSYAL

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**INTERNAL EXAMINER**

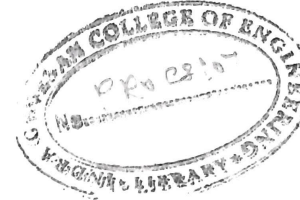


**EXTERNAL EXAMINER**

**FACIAL EXPRESSION RECOGNITION BASED ON HAAR  
CASCADE ALGORITHM FOR ANNOTATE THE  
APPLICATIONS IN PLAYERS**

**A PROJECT REPORT**

*Submitted by*



**BARANIKUMAR M**

**811215104007**

**MANIKANDAN P**

**811215104024**

**PRADEEP T**

**811215104029**

*In partial fulfillment for the award of the degree*

*of*

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**IN**

**COMPUTER SCIENCE AND ENGINEERING**

**INDRA GANESAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI**

**ANNA UNIVERSITY :: CHENNAI 600 025**

**MARCH 2019**

**FACIAL EXPRESSION RECOGNITION BASED ON HAAR  
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**A PROJECT REPORT**

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**ANNA UNIVERSITY :: CHENNAI 600 025**

**MARCH 2019**

**ANNA UNIVERSITY::CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

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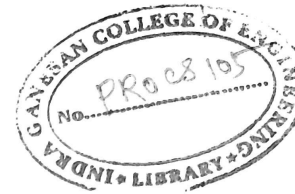
The Viva – Voce Examination of this project work done as a part of B.E Computer Science and Engineering was held on 25/3/19.....

  
**INTERNAL EXAMINER**

  
**EXTERNAL EXAMINER**

**SECURE AUTHENTICATION FOR INTERNET  
BANKING USING FACIAL RECOGNITION**

**A PROJECT REPORT**



*Submitted by*

**APOORVAVALLI A**

**811215104003**

**PRIYA M**

**811215104032**

*in partial fulfillment for the award of the degree*

*of*

**BACHELOR OF ENGINEERING**

**IN**

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**INDRA GANESAN COLLEGE OF ENGINEERING, TIRUCHIRAPPALLI**

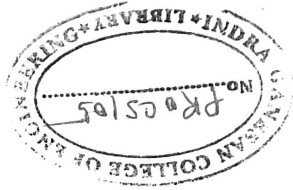
**ANNA UNIVERSITY : CHENNAI 600 025**

**MARCH 2019**



**SECURE AUTHENTICATION FOR INTERNET BANKING  
USING FACIAL RECOGNITION**

**A PROJECT REPORT**



*Submitted by*

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**ANNA UNIVERSITY : CHENNAI 600 025**

**MARCH 2019**

**ANNA UNIVERSITY:: CHENNAI 600 025**

**BONAFIDE CERTIFICATE**

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SIGNATURE

**Mr. B. THILLAIASWARAN**

  
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The Viva-Voce Examination of this project work done as a part of B.E Computer Science and Engineering was held on 25.3.2019. IN



**INTERNAL EXAMINER**

  
EXTERNAL EXAMINER

**BLOCK CHAIN BASED MULTI  
AUTHENTICATION VOTING SYSTEM**

**A THESIS**

*Submitted by*

**NIRMALA N**

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

**MASTER OF ENGINEERING IN  
COMPUTER SCIENCE ENGINEERING**



**DEPARTMENT OF INFORMATION AND  
COMMUNICATION ENGINEERING  
ANNA UNIVERSITY, CHENNAI**

**NOVEMBER, 2019**

**BLOCK CHAIN BASED MULTI  
AUTHENTICATION VOTING SYSTEM**

**A THESIS**

*Submitted by*

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

**MASTER OF ENGINEERING IN  
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**DEPARTMENT OF INFORMATION AND  
COMMUNICATION ENGINEERING  
ANNA UNIVERSITY, CHENNAI**

**NOVEMBER, 2019**

**ANNA UNIVERSITY, CHENNAI**

**BONAFIDE CERTIFICATE**

Certified that this report titled "BLOCK CHAIN BASED MULTI AUTHENTICATION VOTING SYSTEM" is the bonafide work of NIRMALA N (811218405004) who carried out the work under my supervision. Certified further that the best of my knowledge the work reported here in does not form part of any other thesis or dissertation on the basis of which degree or award was conferred on an earlier occasion on this or any other candidate.



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Head of the Department

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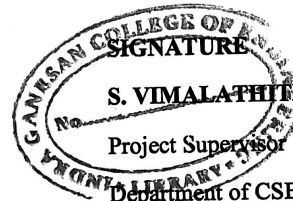
**S. VIMALATHITHAN M.E**

Project Supervisor

Department of CSE

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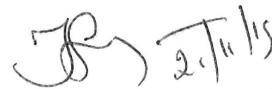
Tiruchirapalli - 620012



Submitted the report in viva voice examination held on 21.11.2019



**INTERNAL EXAMINER**



**EXTERNAL EXAMINER**