

A Major Project Report On
IOT BASED SMART WATER QUALITY
MONITORING SYSTEM

**A Dissertation Submitted in partial fulfillment of the requirement
for the award of degree of**

BACHELOR OF TECHNOLOGY

In

Electronics and Communication Engineering

By

K Srija Reddy

(Roll No: 19D41A0477)

G Naveen

(Roll No: 19D41A0461)

V Ashish

(Roll No: 19D41A04A8)

J Sunil

(Roll No: 19D41A0470)

**Under the esteemed guidance of
Dr. P MUKUNTHAN**

Prof



Department of Electronics and Communication Engineering

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution under UGC, New Delhi)

Recognized under 2(f) and 12(B) of UGC Act. 1956

Sheriguda village, Ibrahimpatnam, RR District – 501 510, T.S,INDIA

2022-2023



CERTIFICATE

This is to certify that the project report entitled **"IOT BASED SMART WATER QUALITY MONITORING SYSTEM"** submitted by

Ms. K.SRIJA REDDY	(19D41A0477)
Mr. G. NAVEEN	(19D41A0461)
Mr. V. ASHISH	(19D41A04A8)
Mr. J. SUNIL	(19D41A0470)

In partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** to the Jawaharlal Nehru Technological University, Hyderabad is a record of bonafide work carried out by them under our guidance and supervision

The results presented in this thesis have been verified and are found to be satisfactory. The results embodied in this thesis have not been submitted to any other University for the award of any other degree or diploma.

Dr. P MUKUNTHAN
Internal Guide

Dr. N.C. SENDHILKUMAR
Head of the Department

External Examiner

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ECE

PROJECT WORK: COs, POs & PSOs MAPPING CHART

Project Title: IOT Based Smart Water Quality Monitoring Batch No: 38

Guide(s): Dr. P. Nukunthan, Professor Academic Year: 2022-23

Student Name(s): K. Srija Reddy, G. Naveen, V. Ashish, J. Sunil

Chapter/ Section No.	Description of the Application/Concept	Page Number	Name of the course/subject from which the principles are applied	Related CO	Attained POs & PSOs
<u>I</u>	Introduction to Embedded s/m.	01-05	New process & New controller Embedded systems	C2, C3	P2, P3 PSO-1
<u>II</u>	Function Description	06-19	Microprocessors & Micro controllers	C2, C4	P4, P5 PSO-2
<u>III</u>	Component Description	20-35	Embedded Systems Internet of Things	C4, C3	P4, P5 PSO-2
<u>IV</u>	Implementation scheme	37-43	Embedded systems Internet of Things	C4, C3	P5, P9 PSO1, PSO2
<u>V</u>	Result Analysis & Future Scope	44-45	Internet of Things	C4, C5	P5, P6, P9 PSO3, P11

Seen
PRINCIPAL

Sri Indu College of Engineering and Technology

(VIR): SHERINGUDA-501 510,

Chennai-600 076 (M), P. R. Dair

[Signature]
Supervisor Signature

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

PROJECT EVALUATION SHEET

Department: Electronics & Communication Engineering

Batch No: 38

Type of Project: In-House ☒ Industry ()

S. No.	Roll No	Name of the student
1	K. Srija Reddy	19D41A0477
2	G. Naveen	19D41A0461
3	V. Ashish	19D41A0448
4	J. Sunil	19D41A0470

Title of the Project: IoT Based Smart water Quality Monitoring system.

Name of the organization / Industry where project is carried out:

In-house.

Name of the Guide	Internal Guide	External Guide (If Applicable)
	Dr. p. Mukunthan	—

EVALUATION

ABSTRACT REVIEW

Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)	PRC Member	sign
477	A	A	A	A	A	Dr. N. C. Sendhikumar	N. C. Sendhikumar
461	A	A	A	A	A	Dr. N. Subash	Dr. N. Subash
448	A	A	A	A	A	E. parashuramu	E. parashuramu
470	A	A	A	A	A	Dr. N. Tamilarasam	Dr. N. Tamilarasam

DESIGN REVIEW

Roll No	specifications	HW/SW Tools requirement	Components selection	PRC Members	Sign
477	A	A	A	Dr. N. C. Sendhikumar	N. C. Sendhikumar
461	A	A	B	Dr. N. Subash	Dr. N. Subash
448	A	B	A	Dr. N. Tamilarasam	Dr. N. Tamilarasam
470	A	A	A	Mr. E. Parashuramu	Mr. E. Parashuramu

FINAL REVIEW

Roll No	Presentation	Project Documentation	Project final output performance	Grade / Marks (Total)	PRC Members	Sign
477	A	A	A	A	Dr. N. C. Sendhikumar	N. C. Sendhikumar
461	A	A	A	A	Dr. N. Subash	Dr. N. Subash
448	A	A	A	A	Dr. N. Tamilarasam	Dr. N. Tamilarasam
470	A	A	A	A	Mr. E. Parashuramu	Mr. E. Parashuramu

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Sri Indu College of Engineering and Technology

(VH): SHERIGUDA-502 510.

The Principal/Head of Institution

A
Major Project Report on
**UVC LIGHT-SMART SANITISOR FOR
BACTERIA AND VIRUS KILLING**

A Dissertation Submitted in partial fulfillment of the requirement
for the award of degree of

BACHELOR OF TECHNOLOGY

In

Electronics and Communication Engineering

By

D. ROHINI	(ROLL NO:18D41A0455)
CH. RAKESH	(ROLL NO:18D41A0453)
CH. SAICHAND	(ROLL NO:18D41A0454)
A. KARTHIK	(ROLL NO:18D41A0402)

Under the esteemed guidance of
MS.B.NEERJA

Asst. Prof



Department of Electronics and Communication Engineering

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

(An Autonomous Institution under UGC, New Delhi)

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Sheriguda village, Ibrahimpatnam, RR District – 501 510, T.S,INDIA

2021 - 2022



CERTIFICATE

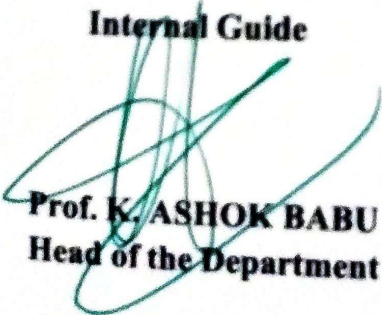
This is to certify that the project report entitled **"UVC LIGHT-SMART SANITISOR FOR BACTERIA AND VIRUS KILLING"** submitted by

Ms . D.ROHINI	(18D41A0455)
Mr . CH.RAKESH	(18D41A0453)
Mr . CH. SAICHAND	(18D41A0454)
Mr . A. KARTHIK	(18D41A0402)

In partial fulfillment of the requirement for the award of the degree of **Bachelor of Technology in Electronics and Communication Engineering** to the Jawaharlal Nehru Technological University, Hyderabad is a record of bonafide work carried out by them under our guidance and supervision

The results presented in this thesis have been verified and are found to be satisfactory. The results embodied in this thesis have not been submitted to any other University for the award of any other degree or diploma.


MS.B.NEERJA
Internal Guide


Prof. K. ASHOK BABU
Head of the Department


External Examiner

SRI INDU COLLEGE OF ENGINEERING & TECHNOLOGY

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PROJECT WORK: COs, POs & PSOs MAPPING CHART

Project Title: UV Checklist - Smart Sanitizer for Bacteria and Virus Killing Batch No: 12
 Guide(s): B. Neeraja Academic Year: 2021-22
 Student Name(s): P. Roshini, Ch. Raksh, Ch. Rajchand, A. Karthik

Chapter/ Section No.	Description of the Application/Concept	Page Number	Name of the course/subject from which the principles are applied	Related CO	Attained POs & PSOs
I	Introduction to AI Embedded Sys.	1-12	Artificial Intelligence Embedded System	C2, C1	P1, P2, PSO1
II	Literature survey.	13-15	works carried out by various researchers	C2	P2, PSO
III	Project Description	16-22	Embedded system	C3	P3, P5, PSO2.
IV	Design schemes	23-33	Embedded system IoT	C3, C4	P3, P5, P4 PSO2
V	IR sensor. circuit as its working	34-37	Internet of Things	C3, C4	P3, P4, PSO2
VI	Software coding	38-53	Embedded system	C4.	P4, PSO2
VII	Result & Discussion	54-58	Demonstrate the project	C4	P4, P5, P9 PSO2

Supervisor Signature

Soot

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 Sri Indu College of Engineering and Technology
 (M.Tech. Software Engineering)

SRI LINDU COLLEGE OF ENGINEERING AND TECHNOLOGY

PROJECT EVALUATION SHEET

Department: ECE

Batch No: 12

Type of Project: In-House (☒) Industry ()

S. No	Roll No	Name of the student
1	1ED41A0455	Dr Robini
2	1ED41A0453	Ch. Rakesh
3	1ED41A0454	Ch. Sai Chand
4	1ED41A0402	A. Karthik

Title of the Project: UVC Light - Smart Sanitiser for Bacteria and Virus killing

Name of the organization / Industry where project is carried out:

In-house (SICET)

Name of the Guide	Internal Guide	External Guide (If Applicable)
	<u>Ms. B. Neeraja</u>	<u>—</u>

EVALUATION

ABSTRACT REVIEW						Date:	
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)	PRC Member	sign
455	A	A	A	A	A	Dr. N. C. Sendhil Kumar	<i>[Signature]</i>
453	A	A	A	A	A	Dr. Ramesh	<i>[Signature]</i>
454	A	A	A	A	A	Dr. Martin	<i>[Signature]</i>
0402	A	A	A	A	A	Dr. Tamilan	<i>[Signature]</i>

DESIGN REVIEW				Date:	
Roll No	specifications	HW/SW Tools requirement	Components selection	PRC Members	Sign
455	A	A	A	Dr. N. C. Sendhil Kumar	Dr. N. C. Sendhil Kumar
453	A	A	A	Dr. P. Ramesh	Dr. P. Ramesh
454	A	A	A	Dr. J. Martin	Dr. J. Martin
0402	A	A	A	Dr. V. Tamilan	Dr. V. Tamilan

FINAL REVIEW					Date:	
Roll No	Presentation	Project Documentation	Project final output performance	Grade / Marks (Total)	PRC Members	Sign
455	A	A	A	A	Dr. N. C. Sendhil Kumar	<i>[Signature]</i>
453	A	A	A	A	Dr. P. Ramesh	<i>[Signature]</i>
454	A	A	A	A	Dr. Martin	<i>[Signature]</i>
0402	A	A	A	A	Dr. Tamilan	<i>[Signature]</i>

Score



Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Date: 04/07/2022

PROJECT DOMAIN OPTION FORM

1. Academic Year : 2018-2022
2. Branch & Section : ELE-B
3. Year & Semester : IV-II
4. Batch No. (filled by PC) : 15
5. Project selection(✓) : Mini project () / Major Project (✓)
6. Project work area(✓) : In House (✓) / Industry ()
7. Project domain(✓) : Communication () / ES (✓) / VLSI () / Signal Processing () / Image & Video Processing ()
8. Project Title : Design of PI model RC plane with CG
9. List of batch students details : 4 calculators

S.No.	Hall ticket Number	Name of the student	sign	Remark
1.	18D41A0469	G. Vinay	G.V.	
2.	18D41A0471	G. Harshith Raj	G.H.	
3.	18D41A0475	G. Raasi	G.R.	
4.	18D41A0481	J. Shiva Prasad	J.S.P.	

- ✓ Mini Project batch maximum size is three members
- ✓ Major Project batch maximum size is four members

Project coordinator

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Brahmavaraham(M), R.R.Dist



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Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist

Department of Electronics & Communication Engineering

Date: 28/05/2022

PROJECT DOMAIN OPTION FORM

1. Academic Year : 2021-2022
2. Branch & Section : ECE-B
3. Year & Semester : IVth-II
4. Batch No. (filled by PC) : 16
5. Project selection(✓) : Mini project () / Major Project (✓)
6. Project work area(✓) : In House (✓) / Industry ()
7. Project domain(✓) : Communication() / ES() / VLSI() / Signal Processing () / Image & Video Processing ()
8. Project Title : MULTI LANGUAGE VOICE CONTROL IOT HOME AUTOMATION
9. List of batch students details :

S.No:	Hall ticket Number	Name of the student	sign	Remark
1.	18D41A0499	KETHAVATH SAVITHRI	K. Savithri	
2.	18D41A0472	GODESHI POOJA SRI	Pooja	
3.	18D41A0476	GUTHIKONDA ARCHANA	Archana	
4.	18D41A04A2	KOLLI DEEPTHI	Deepthi	

✓ Mini Project batch maximum size is three members

✓ Major Project batch maximum size is four members

PRINCIPAL

Sri Indu College of Engineering and Technology

(VIII): SHERIGUDA-501 510,
Brahmavaraham(M), R.R.Dist.



Project coordinator



Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Electronics & Communication Engineering

FINAL REVIEW EVOLUATION SHEET

DATE: 05/10/21

NAME OF THE PRC MEMBER: Prof. K. Ashok Babu

PROJECT TITLE: <u>Healthcare monitoring system</u>				BATCH NO: <u>06</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>19-402</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>19-404</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-404</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Hand Gesture controlled robot</u>				BATCH NO: <u>07</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>19-401</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>19-405</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-404</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>woman safety and security system</u>				BATCH NO: <u>08</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>19-407</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>19-406</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-406</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-408</u>	<u>A</u>	<u>A</u>	<u>B</u>	<u>B</u>

PROJECT TITLE: <u>Obstacle Avoiding Robot</u>				BATCH NO: <u>09</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-423</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-446</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-415</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Drone object detection for driver</u>				BATCH NO: <u>10</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-428</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-416</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>B</u>
<u>18-455</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

Note: Grade A: 17-20, B: 12-16, C: <=11

Soon
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Sri Indu College of Engineering and Technology
 (VII): SHERIGUDA-501 510,
 Brahmapuram(M), R.R.Dist.



Sign



**Sri Indu College of Engineering & Technology :: Sheriguda (V), R.R.Dist
Department of Electronics & Communication Engineering**

FINAL REVIEW EVOLUATION SHEET

DATE: 05/10/21

NAME OF THE PRC MEMBER: Dr. P. Mukunthan

PROJECT TITLE: <u>Smart irrigation system</u>				BATCH NO: <u>11</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-427</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-424</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-418</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Automated plant disease detection using ML</u>				BATCH NO: <u>12</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-437</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-444</u>	<u>A</u>	<u>B</u>	<u>A</u>	<u>B</u>
<u>18-407</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Flood detection system</u>				BATCH NO: <u>13</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-456</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-430</u>	<u>A</u>	<u>A</u>	<u>B</u>	<u>B</u>
<u>18-460</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-414</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Soil detection</u>				BATCH NO: <u>14</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-453</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-454</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-457</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

PROJECT TITLE: <u>Traffic priority control for emergency vehicles</u>				BATCH NO: <u>15</u>
ROLL NO	PRESENTATION	PROJECT DOCUMENT	PROJECT FINAL O/P PERFORMANCE	GRADE/MARKS (TOTAL)(20)
<u>18-403</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-416</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>
<u>18-412</u>	<u>A</u>	<u>A</u>	<u>A</u>	<u>A</u>

Note: Grade A: 17-20, B: 12-16, C: <=11

Soon
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Sri Indu College of Engineering and Technology
Vill: SHERIGUDA-501 910.
R.R.Dist: Sheriguda(M), R.R.Dist



SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND TECHNOLOGY

PROJECT WORK COS, POS & PSOS MAPPING

Project title: Algorithm For Credit Card Fraud Detection Using
Machine Learning Techniques

Batch: 2017 - 2021
Academic Year: 2020-2021

Guide(s) : Mr Y.Raju

Student Name(s): N.Madhuvani, M.Pallavi, M.Sahithya, M.Srinija

Chapter Name	Name of the course from which principles are applied in this project	Related course outcome number	Description of the application	Page number	Attained POs & PSOs
Introduction	Artificial Learning	CO1	Introduction about Machine Learning	5	PO1, PO2 & PSO1, PSO2, PSO3
Literature Survey	Artificial Learning	CO1, CO2, CO3, CO4, CO5	Knowledge required to solve the problem are been collected	7	PO1, PO2 & PSO1, PSO2, PSO3
Objectives	Artificial Learning	CO5	It describes the motto of the project work	8	PO1, PO2, PO3, PO4 & PSO1, PSO2, PSO3
Problem Statement	Artificial Learning	CO1, CO2, CO5	It describes the problem identified and to be solved	10	PO1, PO2, PO3, PO4, PO5 & PSO1, PSO2, PSO3
Design Methodology	Artificial Learning	CO4, CO5	The financial intuitions included true world data set so it is taken and analyzed	11	PO1, PO2, PO3, PO4, PO5 & PSO1, PSO2, PSO3
Implementation	Artificial Learning	CO6	Python Language and Kaggle data set are used to develop the project	20	PO1, PO2, PO3, PO4, PO5 & PSO1, PSO2, PSO3
Experimental Studies	Artificial Learning	CO1, CO2, CO3, CO4, CO5	Sensitivity and specificity parameters are used to	21	PO1, PO2, PO3, PO4 & PSO1, PSO2, PSO3

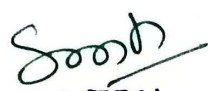
Srin
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			evaluate the result		
Conclusion	Artificial Learning	CO5	The result was more accurate than random forest algorithm	26	PO1, PO2, PO11, PO12 & PSO1, PSO2, PSO3


Supervisor Signature


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Sri Indu College of Engineering and Technology
(VIR): SHERIGUDA-501 510,
Ibrahimpetnam(M), R.R.Dist.



SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/2021

PROJECT DOMAIN OPTION FORM

1. Branch : CSE
2. Year & Semester : IV-II
3. Batch No. (filled by PC) : 1
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House (✓) / Industry ()
6. Project domain(✓) : Networking () / Network Security () / Cyber Security () /
Image Processing () / Artificial Intelligence () / Machine Learning () / Soft computing () /
Cloud Computing () / Data Mining () / IOT () / Big data () / Block chain () / OTHERS
(specify) _____
7. Project Title : Developing prediction model of loan
Risk in Banks using Data mining
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
01	17D41A0501	Narreddy Ranjith Reddy	[Signature]	
02	17D41A0503	Acha Ramadeep	[Signature]	
03	17D41A0506	Ali Akshitha	[Signature]	
04	17D41A0518	Badugu Sai Ganesh	[Signature]	

- ✓ Mini Project batch maximum size is 4 members
- ✓ Major Project batch maximum size is 4 members

Soon
PRINCIPAL
Sri Indu College of Engineering and Technology
(MKT: SHERIGUDA-501 510,
Sheriguda (MKT: SHERIGUDA-501 510), R.R. Dist.



[Signature]
Project Coordinator

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL GUIDE EVALUTION SHEET

NAME OF INTERNAL GUIDE: Drik. Gurumaha Gupta BATCH NO: 01

PROJECT TITLE: Developing prediction model of loan Risk in Banks using Data mining

ABSTRACT REVIEW					DATE: <u>23/4/21</u>
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
17D41A0501	3	3	4	4	13
17D41A0503	3	3	4	4	13
17D41A0506	3	4	4	4	14
17D41A0508	2	3	4	4	13

DESIGN REVIEW				DATE: <u>23/4/21</u>
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
17D41A0501	3	5	5	13
17D41A0503	3	5	5	13
17D41A0506	4	5	4	13
17D41A0518	4	3	4	11

FINAL REVIEW				DATE: <u>23/4/2021</u>
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
17D41A0501	9	4	5	18
17D41A0503	10	5	5	20
17D41A0506	10	5	5	20
17D41A0518	10	5	5	20

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SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/2021

PROJECT DOMAIN OPTION FORM

1. Branch : CSE
2. Year & Semester : IV - II
3. Batch No. (filled by PC) : 2
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House (✓) / Industry ()
6. Project domain(✓) : Networking () / Network Security () / Cyber Security () / Image Processing () / Artificial Intelligence () / Machine Learning (✓) / Soft computing () / Cloud Computing () / Data Mining () / IOT () / Big data () / Block chain () / OTHERS (specify) _____
7. Project Title : Classification of IRIS flowers using scipy library in machine learning
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
05	17D41A0502	Aasmeen Shaik	Aasmeen	
06	17D41A0505	Ahmed A Taul Kareen	Ahmed	
07	17D41A0516	Babu Reddy	Reddy	
08	17D41A0532	Bomma Vishal Reddy	Vishal	

09 17D41A0545 Dacha vineeth Kumar

✓ Mini Project batch maximum size is 4 members

✓ Major Project batch maximum size is 4 members

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Brahmapatnam(M), R.R.Dist



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL GUIDE EVALUTION SHEET

NAME OF INTERNAL GUIDE: MR. SRIVASUK PRASAD BATCH NO: 2

PROJECT TITLE: CLASSIFICATION OF IRIS FLOWERS USING SCIPY LIBRARY IN MACHINE LEARNING

ABSTRACT REVIEW					DATE: 23/4/21
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
17DU1A0502	3	3	4	4	14
17DU1A0505	3	2	3	4	12
16DU1A0516	3	4	3	4	14
17DU1A0532	2	3	4	4	13
17DU1A0545	2	3	4	4	13

DESIGN REVIEW				DATE: 23/4/21
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
17DU1A0502	5	4	4	13
17DU1A0505	5	5	5	15
16DU1A0516	5	4	3	12
17DU1A0532	5	3	5	13
17DU1A0545	4	5	5	14

FINAL REVIEW				DATE: 23/4/21
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
17DU1A0502	8	5	5	18
17DU1A0505	10	3	5	18
16DU1A0516	9	5	5	19
17DU1A0532	10	4	4	18
17DU1A0545	9	3	5	17

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(VIM): SHERIGUDA-501 510,

Branch: Computer Science and Engineering



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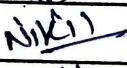
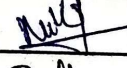
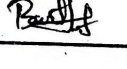
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/2021

PROJECT DOMAIN OPTION FORM

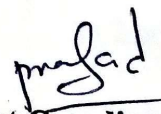
1. Branch : CSE
2. Year & Semester : IV - II
3. Batch No. (filled by PC) : 03
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House (✓) / Industry ()
6. Project domain(✓) : Networking(✓) / Network Security() / Cyber Security() / Image Processing() / Artificial Intelligence() / Machine Learning () / Soft computing() / Cloud Computing() / Data Mining() / IOT() / Big data() / Block chain() / OTHERS (specify) _____
7. Project Title : Human Activity Detection
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
10	17D41A0504	Afroz maheem		
11	17D41A0516	Niki Goud		
12	17D41A0535	Boyapalli Nikitha		
13	17D41A0542	Chinthachetty Barath Kumar Reddy		

- ✓ Mini Project batch maximum size is 4 members
- ✓ Major Project batch maximum size is 4 members


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INTERNAL GUIDE EVALUATION SHEET

NAME OF INTERNAL GUIDE: Mrs P. Chaitanya BATCH NO: 03

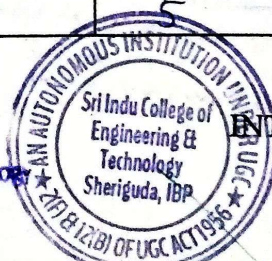
PROJECT TITLE: Human Activity Detection

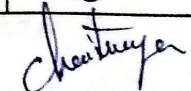
ABSTRACT REVIEW					DATE: 23/4/21
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
17D41A0504	3	2	4	4	13
17D41A0516	3	4	4	4	15
17D41A0535	2	3	4	4	13
17D41A0542	2	3	4	4	13

DESIGN REVIEW				DATE: 23/4/21
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
17D41A0504	5	5	5	15
17D41A0516	4	3	3	10
17D41A0535	5	5	5	15
17D41A0542	4	4	5	13

FINAL REVIEW				DATE: 23/4/21
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
17D41A0504	10	5	4	19
17D41A0516	9	4	5	18
17D41A0535	10	5	5	20
17D41A0542	10	5	5	20


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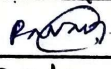
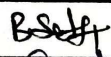
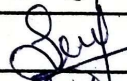
SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/2021

PROJECT DOMAIN OPTION FORM

1. Branch : CSE
2. Year & Semester : IV - II
3. Batch No. (filled by PC) : 04
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House (✓) / Industry ()
6. Project domain(✓) : Networking () / Network Security () / Cyber Security () / Image Processing () / Artificial Intelligence () / Machine Learning () / Soft computing () / Cloud Computing () / Data Mining () / IOT () / Big data () / Block chain () / OTHERS (specify) _____
7. Project Title : Data Science (NLP) To Handle Publication
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
14	17041A0507	Aleti. Sai Kumar Kushnaga		
15	17041A0520	Medi Pavan Kumar		
16	17041A0526	Bhaskara Sravya		
17	17041A0528	Bilalakanti Sangeetha		
18	17041A0536	Burgula Varsha Sippora		

✓ Mini Project batch maximum size is 4 members

✓ Major Project batch maximum size is 4 members


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL GUIDE EVALUTION SHEET

NAME OF INTERNAL GUIDE: Mr. Siva Subk Prasad BATCH NO: 04

PROJECT TITLE: Data Science (NLP) To Handle Publications

ABSTRACT REVIEW					DATE: <u>23/4/21</u>
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
17D41A0507	3	3	4	4	14
17D41A0520	3	3	4	2	12
17D41A0526	2	3	4	4	13
17D41A0528	2	3	3	4	12
17D41A0536	2	2	3	3	10

DESIGN REVIEW				DATE: <u>23/4/21</u>
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
17D41A0507	5	5	5	15
17D41A0520	4	4	4	12
17D41A0526	5	4	4	13
17D41A0528	5	5	5	15
17D41A0536	5	5	5	15

FINAL REVIEW				DATE: <u>23/4/21</u>
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
17D41A0507	9	3	4	16
17D41A0520	9	4	4	17
17D41A0526	9	4	4	17
17D41A0528	10	5	5	20

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/21

PROJECT DOMAIN OPTION FORM

1. Branch : CSE
2. Year & Semester : IV-II
3. Batch No. (filled by PC) : 5
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House (✓) / Industry ()
6. Project domain(✓) : Networking() / Network Security() / Cyber Security() /
Image Processing() / Artificial Intelligence() / Machine Learning (✓) / Soft computing() /
Cloud Computing() / Data Mining() / IOT() / Big data() / Block chain() / **OTHERS**
(specify) _____
7. Project Title : A survey of credit card fraud detection
Techniques! Data and Technique oriented Perspective
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
19	17D41A0508	Allam Venkata Teja	<i>Teja</i>	
20	17D41A0512	Madhusree	<i>Madhu</i>	
21	17D41A0522	Srinitha	<i>Nitha</i>	
22	17D41A0530	Aravind Boga	<i>Aravind</i>	

- ✓ Mini Project batch maximum size is 4 members
- ✓ Major Project batch maximum size is 4 members

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL GUIDE EVALUATION SHEET

NAME OF INTERNAL GUIDE: MRS K. Sandhya BATCH NO: 5

PROJECT TITLE: A Survey of credit card fraud detection techniques: Data and technique oriented perspective

ABSTRACT REVIEW					DATE: 23/4/21
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
17D41A0508	3	3	4	4	14
17D41A0512	2	3	4	4	13
17D41A0522	2	3	3	4	12
17D41A0530	3	2	4	3	12

DESIGN REVIEW				DATE: 23/4/21
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
17D41A0508	4	4	5	13
17D41A0512	4	4	5	13
17D41A0522	4	5	5	14
17D41A0530	4	3	3	10

FINAL REVIEW				DATE: 23/4/21
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
17D41A0508	7	4	4	15
17D41A0512	10	5	5	10
17D41A0522	9	5	4	18
17D41A0530	10	4	5	19


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SRI INDU COLLEGE OF ENGINEERING AND TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Date: 23/4/2021

PROJECT DOMAIN OPTION FORM

1. Branch : CSE
2. Year & Semester : IV - II
3. Batch No. (filled by PC) : 6
4. Project selection(✓) : Mini project () / Major Project (✓)
5. Project work area(✓) : In House () / Industry ()
6. Project domain(✓) : Networking () / Network Security () / Cyber Security () / Image Processing () / Artificial Intelligence () / Machine Learning (✓) / Soft computing () / Cloud Computing () / Data Mining () / IOT () / Big data () / Block chain () / OTHERS (specify) _____
7. Project Title : Big mart sales using machine learning with data analysis
8. List of batch students details :

S.No.	Hall ticket Number	Name of the student	Sign	Remark
23	17041A0509	Arun anja	Arun	
24	17041A0534	Harsha	Harsha	
25	17041A0552	Dharma	Dharma	
26	17041A0554	Haripriya	Haripriya	

27 17041A0519

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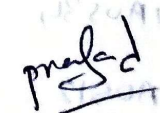
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✓ Mini Project batch maximum size is 4 members

✓ Major Project batch maximum size is 4 members


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Mysore District, R.P. Dist




Project Coordinator

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

INTERNAL GUIDE EVALUTION SHEET

NAME OF INTERNAL GUIDE: Msc. Divya BATCH NO: 6

PROJECT TITLE: Big mart sales using machine learning with data analysis

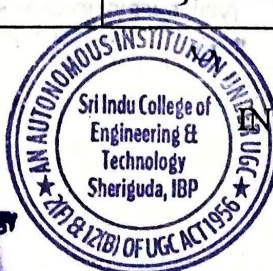
ABSTRACT REVIEW					DATE: 23/4/21
Roll No	Scope	Need of study	Procedure	Scope of future work	Grade / Marks (Total)
ADU1A0509	3	4	4	3	14
ADU1A0534	2	4	3	4	13
ADU1A0512	3	4	4	4	15
ADU1A0554	3	3	4	4	14
ADU1A0519	2	3	4	4	13

DESIGN REVIEW				DATE: 23/4/21
Roll No	Specifications	HW/SW Tools requirement	Components selection	Grade / Marks (Total)
ADU1A0509	4	4	4	12
ADU1A0534	4	3	3	10
ADU1A0512	5	5	5	15
ADU1A0554	5	5	3	13
ADU1A0519	4	4	4	12

FINAL REVIEW				DATE: 23/4/21
Roll No	Presentation	Project Documentation	Demonstration	Grade / Marks (Total)
ADU1A0509	8	4	5	17
ADU1A0534	9	3	4	16
ADU1A0512	8	3	4	15
ADU1A0554	10	5	5	20
ADU1A0519	8	4		

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