

2.5.1. Mechanism of internal assessment is transparent and robust in terms of frequency and mode

S.NO	Content	Page No
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PRINCIPAL
Principal

Kommuri Pratap Reddy Institute of Technology,
Opp. NTPC Power Grid,
Chanpur (V), Ghatkesar (M)
Ranga Reddy District Pin Code- 500 076

1. Sample internal mark sheet

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY

(COLLEGE OF ENGINEERING)

Ghanpur(V), Ghatkesar(M), Hyderabad-501301.


EXAMINATION BRANCH
II- MID Internal Marks Award List

Course: III B.Tech(I-Sem) R16

Branch: CSE(05)

A.Y.:2019-2020

 Subject: *software engineering.*

S.No	H.T.No	Name of the Student	(Subject Code: _____)			
			Assignment	Subjective	Objective	Total
1	16RA1A0535	SAHIB SINGH	5	6	7	18
2	17BE1A0529	GORAVA VARUN TEJA	5	7	5	17
3	17BE1A0542	KORRA RAVIKUMAR	5	7	7	19
4	17BE1A0550	MAHANKALI VENKATESH	5	7	5	17
5	17BE1A0561	RAGEERU PREM KUMAR	5	8	8	21
6	17BE1A0564	REDDABOINA RAJABABU	5	7	7	19
7	17BE1A0570	TEKULA SAI MAHIDAR	5	9	8	22
8	17BE1A0576	VADLA PRUTHVI RAJ	5	6	6	17
9	17BE1A0581	M RAGHAVENDRA	5	7	7	19
10	17RA1A0501	NAGIREDDY AKSHATHA REDDY	5	8	8	21
11	17RA1A0502	GOPAGONI AMISHA	5	9	8	22
12	17RA1A0503	NALUSANI ANJALI	5	10	9	24
13	17RA1A0505	GUTAM BABU RAO	5	7	7	19
14	17RA1A0506	VUPPALA BHANUCHANDER REDDY	5	6	7	18
15	17RA1A0507	V BHARATH	5	7	8	20
16	17RA1A0508	DEEKONDA BHARGAV	5	7	7	19
17	17RA1A0509	THATIKONDA DINESH	5	8	8	21
18	17RA1A0510	GAJABIMKAR DIVYA	5	10	9	24
19	17RA1A0513	SHAVVA LOHITHA	5	10	9	24
20	17RA1A0514	GANDU MAHESH	5	7	7	19
21	17RA1A0517	GALAM MANESHA	5	9	9	23
22	17RA1A0518	MADAGANI MANOHAR GOUD	5	8	8	21
23	17RA1A0520	A PAVITHRA	5	10	8	23
24	17RA1A0521	SIRINENI POOJA	5	10	9	24
25	17RA1A0522	DAKURI PRANAY REDDY	5	9	8	22
26	17RA1A0523	MASADI PRAVEEN KUMAR	5	10	8	23
27	17RA1A0524	MUTHA PREM	5	6	7	18
28	17RA1A0526	YAKKALA SAI PAVAN KUMAR	5	7	8	20
29	17RA1A0527	POL REDDY SAIRAM REDDY	5	6	7	18
30	17RA1A0528	S SAI SRI	5	9	8	23

 P. Krishna Nayak
 Name & Signature of the Faculty

HOD (PTO)

S.No	H.T.No	Name of the Student	(Subject Code: _____)			
			Assignment	Subjective	Objective	Total
31	17RA1A0529	CHINDAM SANDEEP	5	8	9	23
32	17RA1A0530	MALLELA SANDHYA	5	8	8	21
33	17RA1A0531	NEVURI SARAYU	5	9	9	23
34	17RA1A0534	RYAKALA SNIGDHA GOUD	5	9	8	22
35	17RA1A0536	G SPOORTHI	5	10	9	24
36	17RA1A0537	GAAJULA SRI SAI KAMAL TEJA	5	8	8	21
37	17RA1A0538	JUTTU SRIJA	5	9	9	23
38	17RA1A0539	BUSSA SRIKAR	5	8	9	22
39	17RA1A0540	GALAM SRINIVAS	5	7	8	20
40	17RA1A0541	SHUSHANTH SINGH	5	8	8	21
41	17RA1A0542	MARPADAGA TANESH REDDY	5	10	9	24
42	17RA1A0544	VUPPALA VYSHNAVI	5	9	9	23
43	17RA1A0545	GUTTULA VENKAT ROHITH	5	6	7	18
44	17RA1A0546	KOLLURU VENKATESH	5	7	7	19
45	17RA1A0547	J VINEETH KUMAR	5	7	8	20
46	17RA1A0548	DASARATHI VIJAY VIHAARI	5	8	8	21
47	17RA1A0549	GONGINENI VINITHA	5	9	9	23
48	17RA1A0550	PODDUTURI VINUTHA	5	9	9	23

R. Krishna Nayar
 Name & Signature of the Faculty




HOD

PRINCIPAL
 Kommuri Pratap Reddy Institute of Technology
 Ghanpur (Vij. Ghatkesar (M))
 Medchal-Malkajgiri Dist.-501301 T.S.

Sample Internal Marks Sheet submitted to University

**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
 HYDERABAD-500085**

Kommuri Pratap Reddy Institute of Technology(RA)
 B.Tech - R16 - III Year - I Semester
 COMPUTER SCIENCE AND ENGINEERING
 University Mid-2 Internal Marks Report-Date- 2019-11-28 12.44.14


HTNO	135AE	135AF	135AR	135BM	135CB
16RA1A0535	22	14	16	18	20
17BE1A0529	19	14	14	17	19
17BE1A0542	21	21	17	19	20
17BE1A0550	19	14	14	17	19
17BE1A0561	16	15	14	21	19
17BE1A0564	16	15	14	19	18
17BE1A0570	19	16	14	22	19
17BE1A0576	21	19	14	17	19
17BE1A0581	19	17	14	19	18
17RA1A0501	24	20	16	21	21
17RA1A0502	24	21	16	22	19
17RA1A0503	23	20	19	24	21
17RA1A0505	23	20	22	19	22
17RA1A0506	19	20	14	18	20
17RA1A0507	18	17	14	20	19
17RA1A0508	16	18	15	19	17
17RA1A0509	20	17	19	21	21
17RA1A0510	25	22	21	24	20
17RA1A0513	25	22	19	24	21
17RA1A0514	19	17	14	19	19
17RA1A0517	24	20	20	23	20
17RA1A0518	23	22	20	21	22
17RA1A0520	25	23	24	23	24
17RA1A0521	25	23	23	24	21
17RA1A0522	20	20	15	22	21
17RA1A0523	24	23	23	23	22
17RA1A0524	23	20	14	18	20
17RA1A0526	20	20	14	20	20
17RA1A0527	21	19	14	18	18
17RA1A0528	22	22	21	23	23
17RA1A0529	20	21	18	23	20
17RA1A0530	23	21	18	21	21

HTNO	135AE	135AF	135AR	135BM	135CB
17RA1A0531	24	22	20	23	22
17RA1A0534	24	22	20	22	21
17RA1A0536	21	22	20	24	20
17RA1A0537	24	23	18	21	22
17RA1A0538	18	16	18	23	19
17RA1A0539	25	23	19	22	21
17RA1A0540	19	19	20	20	20
17RA1A0541	22	20	15	21	24
17RA1A0542	25	23	21	24	24
17RA1A0544	22	22	21	23	21
17RA1A0545	18	21	15	18	21
17RA1A0546	22	22	14	19	17
17RA1A0547	22	21	20	20	20
17RA1A0548	24	20	20	21	21
17RA1A0549	23	22	19	23	21
17RA1A0550	23	18	16	23	19

Note : '-1' Indicates Student is Absent for the exam.

Subject Code	Subject Name
135AF	DESIGN AND ANALYSIS OF ALGORITHMS
135BM	SOFTWARE ENGINEERING
135CB	DISASTER MANAGEMENT
135AE	DATA COMMUNICATION AND COMPUTER NETWORKS
135AR	FUNDAMENTALS OF MANAGEMENT

Signature Of Principal with Date & Office seal


 PRINCIPAL
 Kommuri Pratap Reddy Institute of Technology
 Ghanpur (Vi), Ghatkesar (M)
 Medchal-Malkajgiri Dist-501301 T.S.

2. Sample Day-to-Day Evaluation Form

- Continuous assessment system is also implemented for assessment of laboratory work. The assessment is done on the basis of submission of laboratory records, understanding of the experiment through oral viva voce questions and participation in performing the experiment. Neatness of the laboratory record book is also given weightage in the assessment.
- There shall be a continuous evaluation during a semester for 25 sessional marks and 50 end semester examination marks.
- Out of the 25 marks for internal evaluation, day-to-day work in the laboratory shall be evaluated for 15 marks and internal practical examination shall be evaluated for 10 marks conducted by the laboratory teacher concerned.
- The end semester examination shall be conducted with an external examiner and the laboratory teacher. The external examiner shall be appointed from the clusters of colleges which are decided by the examination branch of the University.

Table: Laboratory Continuous Assessment form:

S.No	Roll Number	Day-to-Day Performance(15M)	Lab Internal Test(10)	Total (25)

1. Sample Lab Internal Marks Sheet

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY

(COLLEGE OF ENGINEERING)

Ghanpur(V), Ghatkesar(M), Hyderabad-501301


EXAMINATION BRANCH
LAB Internal Marks Award List

Course: III B.Tech(I-Sem) R16

Branch: CSE(05)

A.Y.:2019-2020

 Subject: *Software Engineering*

S.No	H.T.No	Name of the Student	(Subject Code: _____)			
			Execution	Viva	Record	Total
1	16RA1A0535	SAHIB SINGH	7	2	8	17
2	17BE1A0529	GORAVA VARUN TEJA	9	9	4	22
3	17BE1A0542	KORRA RAVIKUMAR	9	5	9	23
4	17BE1A0550	MAHANKALI VENKATESH	8	2	8	18
5	17BE1A0561	RAGEERU PREM KUMAR	9	4	9	22
6	17BE1A0564	REDDABOINA RAJABABU	9	4	8	21
7	17BE1A0570	TEKULA SAI MAHIDAR	9	4	9	22
8	17BE1A0576	VADLA PRUTHVI RAJ	8	4	9	21
9	17BE1A0581	M RAGHAVENDRA	8	4	9	21
10	17RA1A0501	NAGIREDDY AKSHATHA REDDY	9	5	10	24
11	17RA1A0502	GOPAGONI AMISHA	9	5	10	24
12	17RA1A0503	NALUSANI ANJALI	9	5	10	23
13	17RA1A0505	GUTAM BABU RAO	8	3	9	20
14	17RA1A0506	VUPPALA BHANUCHANDER REDDY	8	4	9	21
15	17RA1A0507	V BHARATH	9	4	9	22
16	17RA1A0508	DEEKONDA BHARGAV	8	5	10	23
17	17RA1A0509	THATIKONDA DINESH	8	5	10	23
18	17RA1A0510	GAJABIMKAR DIVYA	9	5	10	24
19	17RA1A0513	SHAVVA LOHITHA	10	5	9	24
20	17RA1A0514	GANDU MAHESH	8	2	8	18
21	17RA1A0517	GALAM MANESHA	8	4	9	21
22	17RA1A0518	MADAGANI MANOHAR GOUD	9	4	8	21
23	17RA1A0520	A PAVITHRA	8	5	10	23
24	17RA1A0521	SIRINENI POOJA	9	4	9	22
25	17RA1A0522	DAKURI PRANAY REDDY	8	5	10	23
26	17RA1A0523	MASADI PRAVEEN KUMAR	10	4	10	24
27	17RA1A0524	MUTHA PREM	7	2	8	17
28	17RA1A0526	YAKKALA SAI PAVAN KUMAR	8	2	8	18
29	17RA1A0527	POL REDDY SAIRAM REDDY	8	2	8	18
30	17RA1A0528	S SAI SRI	9	4	8	21

 P. Krishna Nayak
 Name & Signature of the Faculty


 HOD (PTO)

S.No	H.T.No	Name of the Student	(Subject Code: _____)			
			Execution	Viva	Record	Total
31	17RA1A0529	CHINDAM SANDEEP	8	3	8	19
32	17RA1A0530	MALLELA SANDHYA	10	4	10	24
33	17RA1A0531	NEVURI SARAYU	10	4	10	24
34	17RA1A0534	RYAKALA SNIGDHA GOUD	9	4	9	22
35	17RA1A0536	G SPOORTHI	9	4	10	23
36	17RA1A0537	GAAJULA SRI SAI KAMAL TEJA	10	4	10	24
37	17RA1A0538	JUTTU SRIJA	8	4	9	21
38	17RA1A0539	BUSSA SRIKAR	8	2	8	18
39	17RA1A0540	GALAM SRINIVAS	8	2	8	18
40	17RA1A0541	SHUSHANTH SINGH	9	4	8	21
41	17RA1A0542	MARPADAGA TANESH REDDY	10	4	10	24
42	17RA1A0544	VUPPALA VYSHNAVI	9	4	10	23
43	17RA1A0545	GUTTULA VENKAT ROHITH	8	3	8	19
44	17RA1A0546	KOLLURU VENKATESH	8	2	8	18
45	17RA1A0547	J VINEETH KUMAR	9	4	10	23
46	17RA1A0548	DASARATHI VIJAY VIHAARI	10	4	10	24
47	17RA1A0549	GONGINENI VINITHA	9	4	10	23
48	17RA1A0550	PODDUTURI VINUTHA	10	4	10	24

R. Krishna Nagar
 Name & Signature of the Faculty

HA
 HOD

[Signature]
 PRINCIPAL
 Kommuri Pratap Reddy Institute of Technology
 Hanpur (Vr. Ghatkesar Tal.)
 Medchal-Malkajgiri Dist-501991 TS

3. Rubrics for Project work Sample copy



KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY

Academic Year: 2018-2019

Name of the File: Major Project

Year and Semester: IV/II

Name of the Department: ECE


KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Department of Electronics and Communication Engineering
Academic Year: 2018-19
Year / Semester: IV/II

The following are the details of the performance indicators for different phases of project reviews.

Performance Indicators		
Phase - I	Phase - II	Phase - III
Literature Survey	Methodology and Related work	Completion of Work & Final Report
Presentation	Presentation	Presentation
Questions and Answers	Questions and Answers	Questions and Answers

Project Reviews Presentation Planning

Phase	Plan Date of Review	Actual Date of Review Conducted
Phase I		
Phase II		
Phase III		

Project Coordinator
Head of the Department

Sample Abstracts

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Department of Electronics & Communications Engineering

ARMY WAR FIELD ROBOT

Name of the Student	Hall Ticket No
A.Vinay Kumar	15RA1A0402
Y.Ranga Swamy	15RA1A0424

Abstract

The purpose of this project is to design and construct automatic intruders or intruder vehicles detection at the borders and destroy system. This method endlessly tracks the bound space victimisation inaudible distance measurement sensors, whenever any intruder(enemy) vehicle or person try and enter the area this mechanism mechanically tracks and destroy them at once and these info alert message sent to border management unit through SMS together with actual distance.

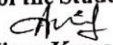
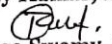
This system is meant to observe the target (missile) acquiring multiple directions. The target destroying system moves mechanically within the direction of missile and fires it upon fixing the target and send the alert message to the management unit automatically.

This project consists of Associate in nursing intelligent object chase system that endlessly monitors the target.Upon detecting the target it sends the target's location to a Central system. The Central system takes the action of moving the action within the direction of target (missile).Upon fixing the direction, it sends the management command to firing system for assaultive the target.

Expected output:

PO1,PO2,PO3,PO4,PO5,PO6,PO7,PO8,PO9,PO10,PO11,PO12


Signature of the Student

- 
1. A.Vinay Kumar, 15RA1A0402,
- 
2. Y.Ranga Swamy, 15RA1A0424,




KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Department of Electronics & Communications Engineering

Approved by the Guide: Yes / No


Signature of the Guide


Signature of the Project Coordinator


PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghanpur (V.V.), Ghatkesar (M)
Medchal-Malkajgiri Dist.-501301 T.S.

**KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY**
Department of Electronics & Communications Engineering**Pick and place robot using ESP8266 Wi-Fi module and ARDUINO NANO**

Name of the Student	Hall Ticket No
T.VISHAL	15RA1A0420
A SAHITH REDDY	15RA1A0401

Abstract

The robot Hand is a very complicated system composed of a large number of joints. Also, there are limitations of size and weight in the development of the robot .Because of these reasons, to manufacture a useful robot hand is a difficult work. There is a need to define several requirements of a robot hand in the sense of structure and function .Although it is difficult to satisfy all of the requirements, there are two main requirements such as performance and simplicity.

Performance is the ability to perform fine manipulation in stable and robust ways. Simplicity relates to mechanical and control, computational simplicity, which directly relates to the cost of products .In this paper a flexible grasper, is used for Robot grasping and pick-and-place task. The main characteristic of this robot is using a special flexible grasper to pick and place operations that reduces the use of complex mechanisms and it reduces the flexibility of the robot and reduce the constraints of the shape of the objects that can be picked by the robot arm. By using a flexible grasper the friction between the object and the robot arm is being increased. By using this mechanism the success rate of pick and place robots is increased. The Robot can be operated by using wireless communication.

Expected Outcome: PO1, PO3, PO4, PO5, PO6, PO7, PO10, PO11, PO12,**Signature of the Student**

1. T.VISHAL,15RA1A0420



2. A.SAHITH REDDY,15RA1A0401



PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghanpur (V.P.), Bhatkesar (M)
Medchal-Malkajgiri Dist.-501301 T.S.




KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Department of Electronics & Communications Engineering

Approved by the Guide: Yes / No


Signature of the Guide


Signature of the Project Coordinator


PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghanpur (V), Ghatkesar (M)
Medchal, Malkajgiri Dist.-501301 T.S.

Project Review Schedule


KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
 Department of Electronics and Communication Engineering

Academic Year: 2018-19

Year / Semester: IV/II

The following are the details of the performance indicators for different phases of project reviews.


Performance Indicators		
Phase - I	Phase - II	Phase - III
Literature Survey	Methodology and Related work	Completion of Work & Final Report
Presentation	Presentation	Presentation
Questions and Answers	Questions and Answers	Questions and Answers

Project Reviews Presentation Planning

Phase	Plan Date of Review	Actual Date of Review Conducted
Phase I	25-01-2019	25-01-2019
Phase II	08-03-2019	9-03-2019
Phase III	12-04-2019	13-04-2019


Project Coordinator


Kommuri Pratap Reddy Institute of Technology
 Ghanpur (M), Ghatkesar (M)
 Medchal-Malkajgiri Dist-501301 T.S.


Head of the Department

Project Review Circular




**KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING**

Circular

18-01-2019

All the staff and final year students of Department of ECE are informed that project phase-1 review is scheduled on 25-01-2019. All students are informed to come with project progress report and presentation of your project work till date without fail.



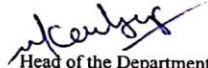

Project Coordinator

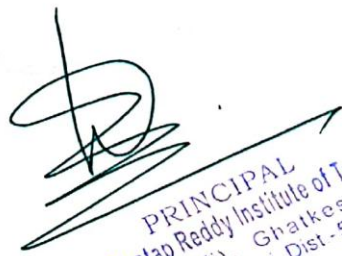

Head of the Department

CC to:


PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghanpur (Vi), Ghatkesar (M)
Medchal-Malkajgiri Dist.-501301

1. Principal Sir for the favor of Information.

 KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY Department of Electronics and Communciation Engineering Final Year Major Project 2018-19 Time Schedule for Phase <u>C</u> Review Date: <u>25/11/19</u>				
Batch No.	Roll No	Name of the Students	Title	Time
1	15RA1A0424	Y.Ranga Swamy	Army War Field Robot	9:30-10:00AM
	15RA1A0402	A.Vinay		
2	15RA1A0420	T.Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	10:00-10:30AM
	15RA1A0401	A.Sahith Reddy		
3	15RA1A0414	R.Bhagawat	Scrolling Display using Aurdino	10:30-11:00AM
	15RA1A0426	Y.Shruthi		
4	15RA1A0405	B.Manisha	Automated Railway Platform	11:00-11:30AM
	15RA1A0425	Y.Vikas		
	15RA1A0416	S.Preethika		
5	15RA1A0406	K.Sowmya	Movable tracking Laguagge Bag System	11:30-12:00PM
	15RA1A0421	V.Laxmi Prasanna		
6	15RA1A0422	V.Sai Rishik	IoT Enabled Electronic Mirror with Timr,News and Temperature	12:00-12:30PM
	15RA1A0409	Sai Teja		
	15RA1A0411	M.Supraja		
7	15RA1A0417	P.Shaishav	Design of Dumb bell Shaped Microstrio Patch Antenna at C Band with DGS	12:30-01:00PM
	15RA1A0404	B.Priyanaka		
8	15RA1A0412	M.Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	02:00-02:30PM
	15RA1A0423	V.Trishul		
9	15RA1A0403	A.Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	02:30-03:00PM
	15RA1A0413	P.Shravika		
	15RA1A0415	R.Nagamani		
 Project Coordinator			 Head of the Department	



PRINCIPAL
 Kommuri Pratap Reddy Institute of Technology
 Ghanpur (Vi), Ghatkesar (M)
 Adchal-Malkajgiri Dist.-501301 T.S.

Sample Project Review Phase 1 Attendance Sheet

KPRIT Imagine. Innovate. Inspire.		KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY	
Department of Electronics and Communications Engineering			
Phase :	1	Project Review Attendance Sheet	Date: 25/01/19
Sr. No.	Roll. No.	Name of the Student	Signature
1.	15RA1A0406	K. Soumya	<i>[Signature]</i>
2.	15RA1A0402	V. Laxmi prasanna	<i>[Signature]</i>
3.	15RA1A0415	R. Nagamani	<i>[Signature]</i>
4.	15RA1A0411	M. Supriya	<i>[Signature]</i>
5.	15RA1A0401	A. Sahith Reddy	<i>[Signature]</i>
6.	15RA1A0420	T. Ushal	<i>[Signature]</i>
7.	15RA1A0403	A. Kalyani	<i>[Signature]</i>
8.	15RA1A0402	A. Vinay	<i>[Signature]</i>
9.	15RA1A0405	R. Manisha	<i>[Signature]</i>
10.	15RA1A0417	P. Shaishav Kumar	<i>[Signature]</i>
11.	15RA1A0404	B. Priyanka	<i>[Signature]</i>
12.	15RA1A0424	Y. Ranga swamy	<i>[Signature]</i>
13.	15RA1A0416	S. Preethika	Preethika.
14.	15RA1A0425	Y. Vikas Reddy	<i>[Signature]</i>
15.	15RA1A0413	P. Sharavika	<i>[Signature]</i>
16.	15RA1A0414	Bhagavathi. R	<i>[Signature]</i>
17.	15RA1A0426	Y. Shruthi	<i>[Signature]</i>
18.	15RA1A0412	M. Ajay	<i>[Signature]</i>
19.	15RA1A0403	V. Vishal	<i>[Signature]</i>
20.	15RA1A0409	M. Sai Teja	<i>[Signature]</i>
21.	15RA1A0422	V. Sai Rishik.	<i>[Signature]</i>

Sample Rubrics and Project Review Phase 1 Evaluation Sheet

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY										
Department of Electronics and Communication Engineering										
Final Year Major Project 2018-19										
Evaluation of Project Phase I Review Date: 25-01-2019										
Batch No.	Roll No.	Name of the Students	Title	Name of the Guide	Specific Project Goals (5M)	Literature Review (15M)	Project Planning (10M)	Presentation skills (10M)	Response for Questions(10 M)	Total (50 Marks)
1	15RA1A0424	Ranga Swamy	Army War Field Robot	Y. Vishwa Sri	4	12	8	7	9	40
	15RA1A0402	Vinay			4	13	7	9	7	40
2	15RA1A0420	Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	Shiak Inam Vali	5	14	10	8	9	46
	15RA1A0401	Sahith Reddy			4	13	9	7	8	41
3	15RA1A0414	Bhagawat	Scrolling Display using Aurdino	Revanna K Bidari, Murali Krishna	5	14	9	6	9	43
	15RA1A0426	Shruthi			4	15	9	8	10	46
4	15RA1A0405	Manisha	Automated Railway Platform	P. Snigdhia Kamala	5	13	7	7	8	40
	15RA1A0425	Vikas			4	14	8	9	10	45
5	15RA1A0416	Preethika	Movable tracking Language Bag System	M. Srilekha	5	13	8	9	8	43
	15RA1A0406	Sowmya			4	12	9	8	10	43
6	15RA1A0421	Prasanna			5	13	10	8	9	45
	15RA1A0422	Rishik	IoT Enabled Electronic Mirror with Timr, News and Temperature	Dr. Vipul Dabhi	5	14	10	9	10	48
7	15RA1A0409	Sai Teja			4	15	9	10	9	47
	15RA1A0411	Supraja			4	14	10	9	10	47
8	15RA1A0417	Shaishav	Design of Dumb bell Shaped Microstrio Patch Antenna at C Band with DGS	Dr. S.Sreenath Kashiya	5	15	9	8	9	46
	15RA1A0404	Priyanaka			5	15	8	9	9	47
9	15RA1A0412	Ajey	Health Monitoring System Using ARDUINO UNO (IoT)	K. Shyam	3	14	9	10	10	46
	15RA1A0423	Trishul			4	12	10	7	10	43
9	15RA1A0403	Kalyani	Automatic Vehicle monitoring system using ARDUINO and GFS	B. Krishnaveni	4	13	9	8	9	43
	15RA1A0413	Shravika			5	11	9	9	9	43
	15RA1A0415	Nagamani			3	12	8	7	9	39

Sample Circular for Project Review Phase 2

L-4



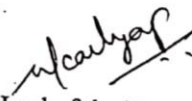
KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING

Circular

01-03-2019

All the staff and final year students of Department of ECE are informed that project phase-2 review is scheduled on 08-03-2019. All students are informed to come with project progress report and presentation of your project work till date without fail.


Project Coordinator


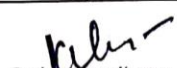
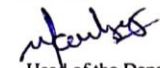

Head of the Department

CC to:

1. Principal Sir for the favor of Information.


PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghanpur (V), Ghatkesar (M)
Medchal-Malkajgiri Dist-501301 TS.

Sample Project Review Phase 2 Schedule

 KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY Department of Electronics and Communciation Engineering Final Year Major Project 2018-19 Time Schedule for Phase <u>II</u> Review Date: <u>2/3/19</u>				
Batch No.	Roll No	Name of the Students	Title	Time
1	15RA1A0424	Y.Ranga Swamy	Army War Field Robot	9:30-10:00AM
	15RA1A0402	A.Vinay		
2	15RA1A0420	T.Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	10:00-10:30AM
	15RA1A0401	A Sahith Reddy		
3	15RA1A0414	R.Bhagawat	Scrolling Display using Aurdino	10:30-11:00AM
	15RA1A0426	Y.Shruthi		
4	15RA1A0405	B.Manisha	Automated Railway Platform	11:00-11:30AM
	15RA1A0425	Y.Vikas		
	15RA1A0416	S.Preethika		
5	15RA1A0406	K.Sowmya	Movable tracking Laguagge Bag System	11:30-12:00PM
	15RA1A0421	V.Laxmi Prasanna		
6	15RA1A0422	V.Sai Rishik	IoT Enabled Electronic Mirror with Timr,News and Temperature	12:00-12:30PM
	15RA1A0409	Sai Teja		
	15RA1A0411	M.Supraja		
7	15RA1A0417	P.Shaishav	Design of Dumb bell Shaped Microstrio Patch Antenna at C Band with DGS	12:30-01:00PM
	15RA1A0404	B.Priyanaka		
8	15RA1A0412	M.Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	02:00-02:30PM
	15RA1A0423	V.Trishul		
9	15RA1A0403	A.Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	02:30-03:00PM
	15RA1A0413	P.Shravika		
	15RA1A0415	R.Nagamani		
 Project Coordinator			 Head of the Department	


PRINCIPAL
 Kommuri Pratap Reddy Institute of Technology
 Ghanpur (Vr), Ghatkesar (M)
 -1, Malkajgiri Dist.-501301 T.S.

SamplProject Review Phase 2 Attendance Sheet

KPRIT Imagine. Innovate. Inspire.		KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY	
Department of Electronics and Communications Engineering			
Phase :	II	Project Review Attendance Sheet	Date: 9/3/19
Sr. No.	Roll. No.	Name of the Student	Signature
1.	15RA1A0406	K. Sounya	[Signature]
2	15RA1A0415	R. Nagamani	[Signature]
3	15RA1A0402	A. Vinay Kumar	[Signature]
4	15RA1A0403	D. Kalyani	[Signature]
5	15RA1A0421	V. Laxmi prasanna	[Signature]
6	15RA1A0411	M. Supriya	[Signature]
7	15RA1A0424	Y. Ranga swamy	[Signature]
8	15RA1A0409	M. Sai Teja	[Signature]
9	15RA1A0401	A. Sahith Reddy	[Signature]
10	15RA1A0420	T. Vishal	[Signature]
11	15RA1A0405	B. Manish	[Signature]
12	15RA1A0422	V. Sai Rishik	[Signature]
13	15RA1A0417	P. Shaishav Kumar	[Signature]
14	15RA1A0404	B. Priyanka	[Signature]
15	15RA1A0413	P. Shruika Reddy	[Signature]
16	15RA1A0426	Y. Shruithi	[Signature]
17	15RA1A0416	S. Preethika	[Signature]
18	15RA1A0425	P. Vikas Reddy	[Signature]
19	15RA1A0414	Bhagavathi R	[Signature]
20	15RA1A0412	M. Ajay	[Signature]
21	15RA1A0423	V. Vishal	[Signature]

Sample Rubrics and Project Review Phase 2 Evaluation Sheet

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KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY										
Department of Electronics and Communication Engineering										
Final Year Major Project 2018-19										
Evaluation of Project Phase 2 Review Date: 09-03-2019										
Batch No.	Roll No	Name of the Students	Title	Name of the Guide	Abstract(5M)	Summaries, Algorithms, Highlights the the	Technical Design, Summary of Findings(15M)	Implementation(60%) (15M)	Presentation and Question and Answers (5M)	Total (50 Marks)
1	15RA1A0424	Ranga Swamy	Army War Field Robot	Y. Vishwa Sri	3	8	13	12	4	40
	15RA1A0402	Vinay			4	9	12	14	4	43
2	15RA1A0420	Vishal	Pick and Place Robot	Shiak Imam Vali	5	10	15	15	3	48
	15RA1A0401	Sahith Reddy	Vehicle using ESP8266 WiFi Module		3	7	14	13	5	42
3	15RA1A0414	Bhagawat	Scrolling Display using Aurdino	Revanna K Bidari, Murali Krishna	5	9	13	13	4	44
	15RA1A0426	Shruthi			4	10	15	14	5	48
4	15RA1A0405	Manisha	Automated Railway Platform	P. Snigdha Kamala	4	8	12	13	3	40
	15RA1A0425	Vikas			5	9	14	14	4	46
	15RA1A0416	Preethika			4	10	13	15	3	45

5	15RA1A0406	Sowmya	Movable tracking Laguage Bag System	M. Srilekha	4	7	15	14	4	44
	15RA1A0421	Prasanna			5	9	14	14	4	46
6	15RA1A0422	Rishik	IoT Enabled Electronic	Dr. Vipul Dabhi	5	10	15	14	5	49
	15RA1A0409	Sai Teja	Mirror with Timr,News and		4	8	15	15	4	46
	15RA1A0411	Supraja	Temperature		5	9	13	14	5	46
7	15RA1A0417	Shaishav	Design of Dumb bell Shaped Microstrio Patch Antenna at C	Dr. S.Sreenath Kashyap	4	10	14	15	4	47
	15RA1A0404	Priyanaka			5	10	15	13	3	46
8	15RA1A0412	Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	K. Shyam	5	10	13	15	5	48
	15RA1A0423	Trishul			4	9	14	14	4	45
9	15RA1A0403	Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	B. Krishnaveni	4	7	15	13	5	44
	15RA1A0413	Shravika			5	8	14	13	4	44
	15RA1A0415	Nagamani			5	8	15	10	2.	40.

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Sample Circular for Project Review Phase 3




**KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATIONS ENGINEERING**

Circular

05-04-2019

All the staff and final year students of Department of ECE are informed that project phase-3 review is scheduled on 12-04-2019. All students are informed to come with project progress report and presentation of your project work till date without fail.


Project Coordinator

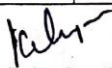
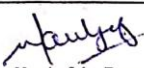

Head of the Department

CC to:

1. Principal Sir for the favor of Information.


PRINCIPAL
Kommuri Pratap Reddy Institute of Technology
Ghampur (Vi), Ghatkesar (M)
Medchal-Malkajgiri Dist-501301 T.S.

Sample Schdeule for Project Review Phase 3

KPRIT				
KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY				
Department of Electronics and Communciation Engineering				
Final Year Major Project 2018-19				
Time Schedule for Phase <u>III</u> Review Date: <u>13/4/19.</u>				
Batch No.	Roll No	Name of the Students	Title	Time
1	15RA1A0424	Y.Ranga Swamy	Army War Field Robot	9:30-10:00AM
	15RA1A0402	A.Vinay		
2	15RA1A0420	T.Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	10:00-10:30AM
	15RA1A0401	A.Sahith Reddy		
3	15RA1A0414	R.Bhagawat	Scrolling Display using Aurdino	10:30-11:00AM
	15RA1A0426	Y.Shruthi		
4	15RA1A0405	B.Manisha	Automated Railway Platform	11:00-11:30AM
	15RA1A0425	Y.Vikas		
	15RA1A0416	S.Preethika		
5	15RA1A0406	K.Sowmya	Movable tracking Laguagge Bag System	11:30-12:00PM
	15RA1A0421	V.Laxmi Prasanna		
6	15RA1A0422	V.Sai Rishik	IoT Enabled Electronic Mirror with Timr,News and Temperature	12:00-12:30PM
	15RA1A0409	Sai Teja		
	15RA1A0411	M.Supraja		
7	15RA1A0417	P.Shaishav	Design of Dumb bell Shaped Microstrio Patch Antenna at C Band with DGS	12:30-01:00PM
	15RA1A0404	B.Priyanaka		
8	15RA1A0412	M.Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	02:00-02:30PM
	15RA1A0423	V.Trishul		
9	15RA1A0403	A.Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	02:30-03:00PM
	15RA1A0413	P.Shravika		
	15RA1A0415	R.Nagamani		
 Project Coordinator			 Head of the Department	


 PRINCIPAL
 Kommuri Pratap Reddy Institute of Technolr
 Ghanpur (V), Ghatkesar (M)
 Medchal-Malkajgiri Dist.-501301

Sample Project Review Phase 3 Attendance Sheet

KPRIT Imagine. Innovate. Inspire.		KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY	
Department of Electronics and Communications Engineering			
Phase :	III	Project Review Attendance Sheet	
Sr. No.	Roll. No.	Name of the Student	Date: 21/11/19 Signature
1	15RA1A0406	K. Soumya	<i>[Signature]</i>
2	15RA1A0411	M. Supraja	<i>[Signature]</i>
3	15RA1A0416	S. Preetika	Preetika
4	15RA1A0401	A. Sahith Reddy	<i>[Signature]</i>
5	15RA1A0420	T. Vishal	<i>[Signature]</i>
6	15RA1A0424	Y. Ranga swamy	<i>[Signature]</i>
7	15RA1A0425	P. Vikas Reddy	V. Vikas Reddy
8	15RA1A0421	V. Laxmi prasanna	<i>[Signature]</i>
9	15RA1A0403	H. Kalyani	Kush.
10	15RA1A0415	R. Nagamani	<i>[Signature]</i>
11	15RA1A0405	B. Manish	<i>[Signature]</i>
12	15RA1A0426	Y. Shrutti	Shrutti
13	15RA1A0417	P. Shaishav kumar	Patel
14	15RA1A0404	B. Priyanka	<i>[Signature]</i>
15	15RA1A0402	A. Vinay	Vinay
16	15RA1A0413	P. Shrawika	Shrawika
17	15RA1A0414	Bhagavathi. P	Bhagavathi
18	15RA1A0412	M. Anjay	<i>[Signature]</i>
19	15RA1A0423	V. Trishala	<i>[Signature]</i>
20	15RA1A0409	M. Sai Teja	M Sai Teja
21	15RA1A0402	V. Sai Bishik	<i>[Signature]</i>

Sample Project Review Phase 3 Evaluation Sheet

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY Department of Electronics and Communication Engineering Final Year Major Project 2018-19 Evaluation of Project Phase 3 Review Date: <u>13-04-2019</u>										
Batch No.	Roll No	Name of the Students	Title	Name of the Guide	Abstract and Work completed till Phase-II (5M)	Summarize the Techniques Implemented (10 M)	Implementation (15M)	Results obtained and Summarizes the findings of the project	Presentati on Skills & Response for Questions (10M)	Total (50 Marks)
1	15RA1A0424	Ranga Swamy	Army War Field Robot	Y. Vishwa Sri	3	9	12	10	9	43
	15RA1A0402	Vinay			5	8	12	8	7	40
2	15RA1A0420	Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and	Shiak Imam Vali	5	9	13	8	9	44
	15RA1A0401	Sahith Reddy			4	9	13	7	7	40
3	15RA1A0414	Bhagawat	Scrolling Display using Aurdino	Revanna K Bidari, Murali Krishna	3	10	13	8	8	42
	15RA1A0426	Shruthi			4	8	15	8	9	44
4	15RA1A0405	Manisha		P. Snigdha Kamala	3	8	12	9	8	40
	15RA1A0425	Vikas	Automated Railway Platform		4	9	13	9	9	44
	15RA1A0416	Preethika			4	8	14	8	10	44

5	15RA1A0406	Sowmya	Movable tracking Laguage Bag System	M. Srilekha	5	9	13	8	10	45
	15RA1A0421	Prasanna			4	10	14	7	9	44
6	15RA1A0422	Rishik	IoT Enabled Electronic Mirror with Timr, News and Temperature	Dr. Vipul Dabhi	5	9	15	9	9	47
	15RA1A0409	Sai Teja			3	10	15	10	10	48
	15RA1A0411	Supraja			5	9	14	10	10	48
7	15RA1A0417	Shaishav	Design of Dumb bell Shaped	Dr. S.Sreenath	4	10	15	10	9	48
	15RA1A0404	Priyanaka	Microstrio Patch Antenna at C Band	Kashyap	5	10	14	9	10	48
8	15RA1A0412	Ajay	Health Monitoring System Using ARDUINO UNO (IoT)	K. Shyam	5	8	13	8	10	44
	15RA1A0423	Trishul			3	10	15	7	9	44
9	15RA1A0403	Kalyani	Automatic Vehicle monitoring system using ARDUINO and GPS	B. Krishnaveni	5	9	12	7	9	42
	15RA1A0413	Shravika			4	9	14	9	9	45
	15RA1A0415	Nagamani			3	7	12	7	9	38

(Dr.)

(Dr.)

(Dr.)

(Dr.)


 KPRIT
 Kommuri Pratap Reddy Institute of Technology
 Ghantasala (V), Ghatkesar (M)
 Medchal-Malkajgiri Dist-501301 TS.

Sample Consolidate Marks Sheet of Major Project

KPRIT Department of Electronics and Communication Engineering Consolidated Evaluation Sheet for Final Year Major Project 2018-19									
Batch No.	Roll No	Name of the Students	Title	Name of the Guide	Phase I (50 Marks)	Phase II (50 Marks)	Phase III (50 Marks)	Average Marks	
1	15RA1A0424	Ranga Swamy	Army War Field Robot	Y. Vishwa Sri	40	40	43	41	
	15RA1A0402	Vinay			40	43	40	41	
2	15RA1A0420	Vishal	Pick and Place Robot	Shiak Imam Vali	46	48	44	46	
	15RA1A0401	Sahith Reddy	Vehicle using ESP8266		41	42	40	41	
3	15RA1A0414	Bhagawat	Scrolling Display using	Revanna K Bidari,	43	44	42	43	
	15RA1A0426	Shruthi	Aurdino	Murali Krishna	46	48	44	46	
4	15RA1A0405	Manisha	Automated Railway	P. Snigdha Kamala	40	40	40	40	
	15RA1A0425	Vikas	Platform		45	46	44	45	
5	15RA1A0416	Preeethika			43	45	44	44	
	15RA1A0406	Sowmya	Movable tracking	M. Srilekha	43	44	45	44	
6	15RA1A0421	Prasanna	Laguage Bag System		45	46	44	45	
	15RA1A0422	Rishik	IoT Enabled Electronic		48	49	47	48	
7	15RA1A0409	Sai Teja	Mirror with Timr,News	Dr. Vipul Dabhi	47	46	48	47	
	15RA1A0411	Supraja	and Temperature		47	46	48	47	
8	15RA1A0417	Shaishav	Design of Dumb bell	Dr. S.Sreenath	46	47	48	47	
	15RA1A0404	Priyanaka	Shaped Microstrio Patch	Kashyap	47	46	48	47	
9	15RA1A0412	Ajay	Health Monitoring System	K. Shyam	46	48	44	46	
	15RA1A0423	Trishul	Using ARDUINO UNO		43	45	44	44	
9	15RA1A0403	Kalyani	Automatic Vehicle	B. Krishnaveni	43	44	42	43	
	15RA1A0413	Shravika	monitoring system using		43	44	45	44	
	15RA1A0415	Nagamani	ARDUINO and GPS		39	40	38	39	

[Signature]
HOD

[Signature]
Project Coordinator

Sample Project Marks Submitted to JNTUH


**JAWAHARLAL NEHRU TECHNOLOGICAL UNIVERSITY HYDERABAD
HYDERABAD-500085**

Kommuri Pratap Reddy Institute of Technology(RA)
B.Tech - R15 - IV Year - II Semester
ELECTRONICS AND COMMUNICATION ENGINEERING
Final University Consolidated Internal Marks Report-Date- 2019-05-03 19.26.38

HNT0	12869	12870	128EA	128EK	128FG
15RA1A0401	41	39	19	23	19
15RA1A0402	-1	39	19	24	22
15RA1A0403	43	42	21	22	22
15RA1A0404	47	46	24	25	23
15RA1A0405	40	43	21	23	23
15RA1A0406	44	44	23	25	23
15RA1A0409	47	47	23	24	21
15RA1A0411	47	48	23	25	23
15RA1A0412	46	45	22	24	22
15RA1A0413	44	41	22	25	22
15RA1A0414	43	39	21	23	20
15RA1A0415	39	38	21	22	22
15RA1A0416	44	42	22	24	22
15RA1A0417	47	47	24	25	24
15RA1A0420	46	46	21	23	23
15RA1A0421	45	42	23	25	22
15RA1A0422	48	48	23	24	20
15RA1A0423	44	44	21	23	18
15RA1A0424	41	42	20	23	21
15RA1A0425	45	41	20	23	22
15RA1A0426	46	39	23	25	22
Total:21	928	902	456	500	456

Note : '-1' indicates student is absent for the exam.

Subject Code	Subject Name
12869	MAJOR PROJECT
128FG	WIRELESS COMMUNICATIONS AND NETWORKS
128EK	SATELLITE COMMUNICATIONS
128EA	RADAR SYSTEMS

Rubrics for Evaluation of Best Projects

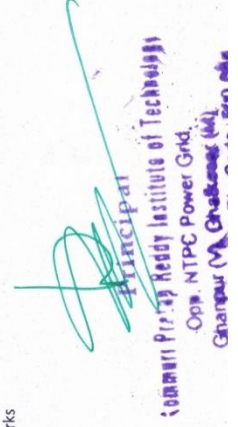
KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY										
Department of ECE										
Final Year Major Project 2018-19										
Batch No.	Roll No	Name of the Students	Title of the Project	Modern Tool Usage (5)	Application of Projects to Industrial needs & Standards (5)	Whether the Projects(5) can be converted into Products/Services in Future	Whether the project satisfies Cost, Ethical and societal factors (5)	Environment and Sustainability(5)	Total Marks(25)	Remarks
1	15RA1A0424	Ranga Swamy	Army War Field Robot	3	4	4	4	4	19	Good
	15RA1A0402	Vinay								
2	15RA1A0420	Vishal	Pick and Place Robot Vehicle using ESP8266 WiFi Module and ARDUINO	4	4	4	4	4	20	Good
	15RA1A0401	Sahith Reddy								
3	15RA1A0414	Bhagawat	Scrolling Display using Arduino	3	3	2	3	3	14	Average
	15RA1A0426	Shruthi								
4	15RA1A0405	Manisha	Automated Railway Platform	3	3	3	3	2	14	Average
	15RA1A0425	Vikas								
5	15RA1A0416	Preethika	Movable tracking Language Bag System	4	3	5	4	4	20	Good
	15RA1A0406	Sowmya								
6	15RA1A0421	Prasanna	IoT Enabled Electronic Mirror with Timr, News and Temperature	5	5	5	5	4	24	Best
	15RA1A0422	Rishik								
7	15RA1A0409	Sai Teja	Design of Dumb bell Shaped Microstrip Patch Antenna at C Band with DGS	5	5	4	4	5	23	Best
	15RA1A0417	Shaishav								
8	15RA1A0404	Priyamaka	Health Monitoring System Using ARDUINO UNO (IoT)	5	4	5	5	4	23	Best
	15RA1A0412	Ajay								
9	15RA1A0423	Trishul	Automatic Vehicle monitoring system using ARDUINO and GPS	5	4	4	4	4	21	Best
	15RA1A0403	Kalyani								
	15RA1A0413	Shravika								
	15RA1A0415	Nagamani								

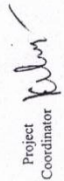
 Below 15 Marks
Average

15-20 Marks- Good

 Above 20 Marks -
Best


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 Project Coordinator


 Project Coordinator

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Sample Best Projects for Academic Year 2018-19

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Department of ECE		
Final Year Best Major Projects for A.Y. - 2018-19		
Batch No.	Roll No	Name of the Students
1	15RA1A0422	Rishik
	15RA1A0409	Sai Teja
	15RA1A0411	Supraja
2	15RA1A0417	Shaishav
	15RA1A0404	Priyanaka
3	15RA1A0412	Ajay
	15RA1A0423	Trishul
4	15RA1A0403	Kalyani
	15RA1A0413	Shravika*
	15RA1A0415	Nagamani

Title of the Project

IoT Enabled Electronic Mirror with Timr,News and Temperature

Design of Dumb bell Shaped Microstrip Patch Antenna at C Band with DGS

Health Monitoring System Using ARDUINO UNO (IoT)

Automatic Vehicle monitoring system using ARDUINO and GPS


 Project Coordinator


 HOD


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 520023 Rayachoti, Dist. Puv. Co., AP.

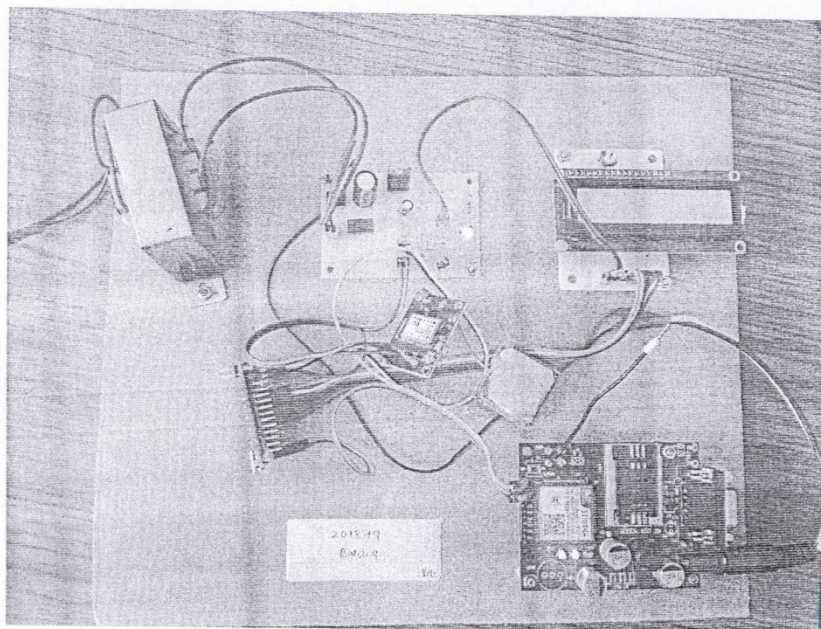
Sample Abstracts

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Vehicle Monitoring System using Arduino and GPS

Name of the Student	Hall Ticket No
P.Shravikia	15RA1A0413
A.Kalyani	15RA1AO403
R.Nagamani	15RA1A0415

Abstract

Vehicle tracking system uses GPS and GSM to track and provide complete location information to user over mobile phone. This project gives update about the vehicle location by sending SMS through GSM modem. This SMS contain longitude and latitude of the location of vehicle. Microcontroller is the central processing unit (CPU) of our project. arduino gets coordinates from GPS modem and then it send this information to the user in a format of Text SMS. GSM modem is used to send this information via SMS to the user i.e., where the vehicle is located.



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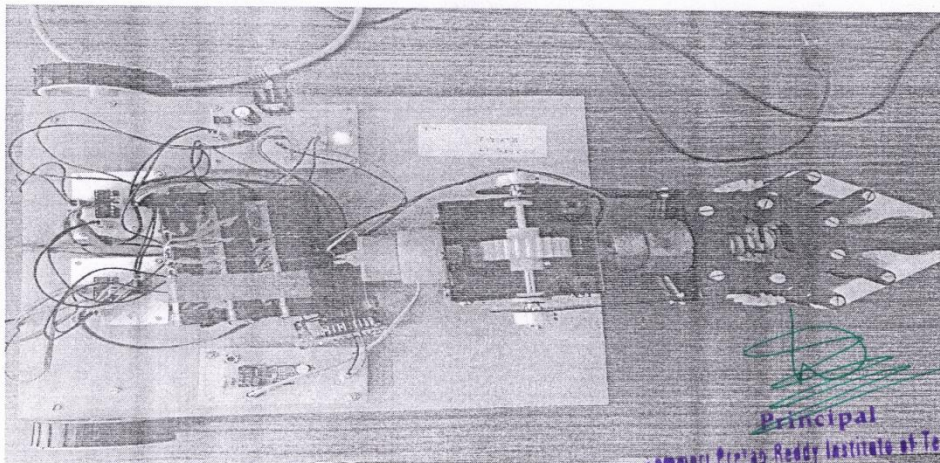
Pick and Place Robot vehicle using ESP8266 WiFi module and AURDINO

Name of the Student	Hall Ticket No.
Vishal	15RA1A0420
Sahith Reddy	15RA1A0401

Abstract:

The robot Hand is a very complicated system composed of a large number of joints. Also, there are limitations of size and weight in the development of the robot .Because of these reasons, to manufacture a useful robot hand is a difficult work. There is a need to define several requirements of a robot hand in the sense of structure and function .Although it is difficult to satisfy all of the requirements, there are two main requirements such as performance and simplicity.

Performance is the ability to perform fine manipulation in stable and robust ways. Simplicity relates to mechanical and control, computational simplicity, which directly relates to the cost of products .In this paper a flexible grasper, is used for Robot grasping and pick-and-place task. The main characteristic of this robot is using a special flexible grasper to pick and place operations that reduces the use of complex mechanisms and it reduces the flexibility of the robot and reduce the constraints of the shape of the objects that can be picked by the robot arm. By using a flexible grasper the friction between the object and the robot arm is being increased. By using this mechanism the success rate of pick and place robots is increased. The Robot can be operated by using wireless communication.



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 Tanee Reddy District Pin Code- 500 085


Automated Railway Platform

Name of the Student	Hall Ticket No.
Manisha	15RA1A0405
Vikas	15RA1A0425
Preethika	15RA1A0416

Abstract:

The main aim of this project is to automate railway track pedestrian crossing without using staircase & announce the status of the arrival for platform users. Normally the mobile platform connects the two platforms through which the passenger can walk on the platform to reach on the next platform.

Sensors are placed on the two sides of track. If the train reaches one sensor the mobile platform will automatically close and allows the train to go through the tracks and then when the train leaves the second sensor the mobile platform will automatically open the bridging platforms. The microcontroller will sense the presence of train by using infrared sensor. So on sensing the train on one path controller will give pulses to the dc motor to close the mobile platform automatically. This project is used to avoid the train collision, thus we save the valuable human lives and losses. So this project is useful for railway departments

The Primary objective of Automatic Railway Bridge System is to help the physically Challenged Passenger to move from one Platform to another. Crossing the railway track inside the railway station is very difficult. But it is quite difficult to the handicapped and aged persons to cross the railway track without the help of others. In this paper the agents make use of a set of resources train characteristics, driving rules and information about other trains to generate their action policy. There are many old peoples suffering from leg cramps walking difficulties leg vain problems and chronic foot pains etc. That's why to solve this problem we are making a solution for that is we are going to make a project on a horizontal adjusted platform which is connected between both stations platform. Because due to this there will be no need to climbing on a bridge by adults as well as children's. This will be time saving for passenger with a smoother operation going to experience by the people.
 

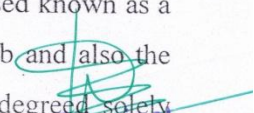
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KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
Scrolling Display using AURDINO

Name of the Student	Hall Ticket No.
Bhagawat	15RA1A0414
Shruthi	15RA1A0426

Abstract:

Now a day's bulletin board has become a very important issue in institutes/organization or public places like railway stations, bus stands and hospitals. However to use the paper notices stacked on a bulletin board may be a time taking and costly method and there's wastage ton of your time, paper and labour. The bulletin board is employed to show the knowledge in a good thanks to the individuals, however to update the messages instantly isn't simple on the bulletin board. During this paper we've projected and enforced a sophisticated high-tech wireless bulletin board. Associate degree robot application of good phones or pill that is connected to Bluetooth (HC-05) may be wont to show the most recent info by enhancing the system. a coffee value programmed microcontroller (Arduino Uno) is employed at the receiver to receive and show messages within the {LCD liquid crystal show LCD digital display alphanumeric display} display. Rather than sticking out notices manually on a bulletin board the approved user will speak and also the expressed voice is distributed through a Bluetooth and displayed on the alphanumeric display screen. during this project we have a tendency to square measure employing a versatile and most victorious speech acknowledge technique referred to as Hidden mathematician Model(HMM) to acknowledge the speech for voice and so that recognized sampled speech voice square measure processed known as a expressed text done by connecting to a Google's server via web and also the speech is inputted from electro-acoustic transducer associate degreeed society


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Department of Electronics & Communication Engineering
2018-19 Final Year Project Proto Types
Army War Field Robot

Name of the Student	Hall Ticket No.
Ranaga Swamy	15RA1A0424
Vinay	15RA1A0402

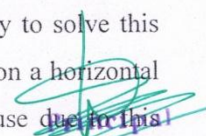
Abstract:

The main aim of this project is to automate railway track pedestrian crossing without using staircase & announce the status of the arrival for platform users. Normally the mobile platform connects the two platforms through which the passenger can walk on the platform to reach on the next platform.

Sensors are placed on the two sides of track. If the train reaches one sensor the mobile platform will automatically close and allows the train to go through the tracks and then when the train leaves the second sensor the mobile platform will automatically open the bridging platforms. The microcontroller will sense the presence of train by using infrared sensor. So on sensing the train on one path controller will give pulses to the dc motor to close the mobile platform automatically.

This project is used to avoid the train collision, thus we save the valuable human lives and losses. So this project is useful for railway departments

The Primary objective of Automatic Railway Bridge System is to help the physically Challenged Passenger to move from one Platform to another. Crossing the railway track inside the railway station is very difficult. But it is quite difficult to the handicapped and aged persons to cross the railway track without the help of others. In this paper the agents make use of a set of resources train characteristics, driving rules and information about other trains to generate their action policy. There are many old peoples suffering from leg cramps walking difficulties leg vain problems and chronic foot pains etc. That's why to solve this problem we are making a solution for that is we are going to make a project on a horizontal adjusted platform which is connected between both stations platform. Because due to this there will be no need to climbing on a bridge by adults as well as children.


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IoT Enabled Electronic mirror with timer News & Temperature

Name of the Student	Hall Ticket No.
Rishik	15RA1A0422
Saiteja	15RA1A0409
Supraja	15RA1A0411

Abstract:

Our project describes the design, construction and working of the IOT enabled electronic mirror with News and Temperature. In coming future it plays an key role in daily life. Every morning our day begins by watching ourselves at least once in mirror before leaving our homes. we interact with it psychologically to find out how we look and how our attire is. The raspberry pi stays at back screens and controls the data displayed on mirror. Our system uses IoT based circuitry along with the raspberry pi with LCD monitor.

Our proposed system allows to build that allow for mirrors to receive news online and display it on the mirror screen along with other details including current temperature, time, date, news etc. for a futuristic and modern lifestyle. For this we need a special mirror, the mirror we have used in this project is acrylic see through mirror. The acrylic see through mirror, which provides privacy and allows discreet viewing from the darker side. The mirror stays at the front where the user can watch himself/ herself in the mirror at the same time the mirror allows the light from LED or display to pass through it and make available to user interface. We have used raspberry pi and an LCD monitor. Raspberry pi is the best component to use for this application or project.



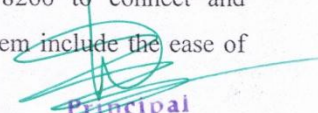
**KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY****Automatic Door lock system with security**

Name of the Student	Hall Ticket No.
Sowmya	15RA1A0406
Laxmi Prasanna	15RA1A0421

Abstract:

Security is the main issue that must be addressed in the present society. With the latest developments in emerging technologies, IoT stands out to be the Cutting-Edge technology solving many security-related problems. Here is a Home security solution based on IoT, in this system we will have a wireless module which connects to the Internet and communicates with the user through the internet from anywhere in the world. The user can lock his Home's door by using a mobile phone with an app installed in it. The main objective of this paper is to embed a locking system in the door with two locking positions each individually controlled by the user using a mobile phone and intruder alert system when detected. An additional feature which gives better security option is, a user can use this system in two modes. One is connecting to the internet and the other one is Hotspot mode, where the user can connect to local hotspot created by the system and monitor the home in and around about a range of 30meter.

IoT refers to the infrastructure of connected physical devices which is growing at a rapid rate as huge number of devices and objects are getting associated to the Internet. Home automatic door security is a very useful application of IoT and we are using it to create an inexpensive security system for homes as well as industrial use. The system will inform the owner about any unauthorized entry or whenever the door is opened by sending a notification to the user. After the user gets the notification, he can take the necessary actions. The security system will use a microcontroller known as NodeMCU to interface between the components, a vibrator sensor to monitor the status and a WiFi module, ESP8266 to connect and communicate using the Internet. The main advantages of such a system include the ease of setting up, lower costs and low maintenance.

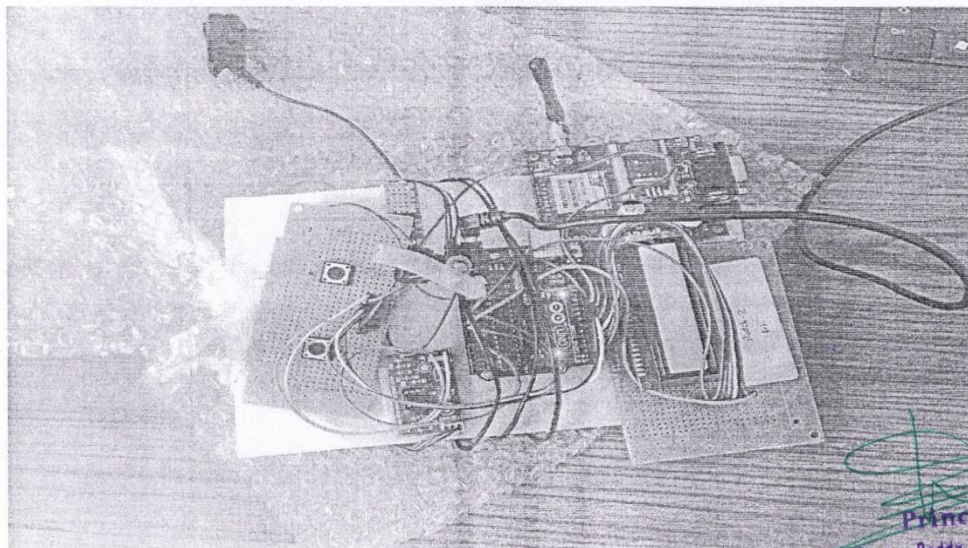

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Health monitoring system using AURDINO UNO

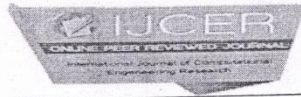
Name of the Student	Hall Ticket No.
Ajay	15RA1A0412
Trishul	15RA1A0423

Abstract:

Health has prime importance in our day-to-day life. Sound health is necessary to do the daily work properly. This project aims at developing a system which gives body temperature and heart rate using LM35 and pulse sensor respectively. These sensors are interfaced with controller Arduino uno board. Wireless data transmission done by Arduino through GSM/GPRS module. GSM MODEM SIM 900A is used for wireless data transmission on IoT platform i.e. thing speak. Data visualization is done on Thing speak. So that record of data can be stored over period of time .This data stored on web server so that it can seen to who logged. To check the patient's recorded date we are using a MQTT protocol i.e. the updated data is sent to MQTT protocol using GSM SIM900A. The SIM900A modem is operated at the frequency range of 900MHz and baudrate of this modem is 9600.



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International Journal of Computational Engineering Research (IJCER)

IOT Enabled Electronic Mirror with Time, News and Temperature

V. Sai Rishik¹, Sai Teja², Supraja Reddy³, Vipul Dabhi⁴, Sreenath Kashyap⁵
^{1,2,3} Student, Electronics and Communication Engineering Department, Kommuri Pratap Reddy Institute of Technology, Hyderabad, Telangana, INDIA
^{4,5} Professor, Electronics and Communication Engineering Department, Kommuri Pratap Reddy Institute of Technology, Hyderabad, Telangana, INDIA
Corresponding Author: rishivasireddy98@gmail.com, sreenathkashyaps@gmail.com

ABSTRACT

This research paper describes the design, construction and working of the IOT enabled electronic mirror with Time, News and Temperature. In the coming future this type of product will play vital role in daily life. Mirror is the main and important tool used in our life. It is used regularly when we are moving away from home. This system is designed in such a way that electronic mirrors to receive news online and display it on the mirror screen along with other details including current temperature, time etc. for a futuristic and modern lifestyle. For this we introduced a special mirror, the mirror which is connected to Raspberry pi and LCD monitor, and also some mechanical corrections are made to design as Electronic mirror. The mirror stays at the front where the user can see his/her own face and at the same time the mirror displays the content like news, temperature and time. Raspberry pi is used for creating graphical user interface required for the mirror
KEYWORDS: Weather, Temperature, News, Date, Mirror, Raspberry pi, API token, Python.

Date of Submission: xx-xx-xxxx

Date of acceptance: xx-xx-xxxx

I. INTRODUCTION

The revolutionary change in the technology is rapidly increased day by day. In today's era, these technologies are also used to build automated home system like automatic door open, automatic home appliance system etc. In this paper, we have introduced IOT Enabled Electronic Mirror with news, time and temperature[1]. We can use this mirror system in our home, offices, public places etc. for utilization of the system as per requirement Using this electronic mirror one can watch himself/herself in the mirror and also watch the time ,date, news and weather update[2]. This system works on the real time.

In this system, Raspberry pi is used as a key component. Raspberry pi is used for the creation of GUI which is required for the electronic mirror. The operation of electronic mirror differs from normal mirror as this will not allow the viewing from the darker side. Generally for normal mirror, there are two sides on one side one can see himself/herself and another it will be darken one can't see himself/herself from this side. According to our requirement we have used acrylic sheet through mirror which allows discrete viewing from the darker side. By using this mirror we can watch ourselves in the mirror along with time, date, news and weather updates.

The components utilized in this system are specified earlier and using them the GUI can be created with help of Raspberry pi[3][4]. Actually the GUI is created on LCD monitor or LED monitor. With the help of the monitor and raspberry pi the GUI is created and on GUI we are displaying the date, time, weather, news updates. The contents which are require to display on the monitor is displayed on the screen of the mirror[5]. This mechanism shows the date, time, weather and news on the screen of the mirror.

Health monitoring system using Arduino Uno (IoT)

M.Ajay¹, V.Trishul², K.Shyam³

¹ Student., Electronics and communication Engineering department, Kommuri Pratap Reddy institute of technology Ghatkesar, India.

² Student, Electronics and communication Engineering department, Kommuri Pratap Reddy institute of technology Ghatkesar, India.

³ Professor Electronics and communication Engineering department, Kommuri Pratap Reddy institute of technology Ghatkesar, India.

Abstract—At present the health has most importance and plays a crucial role in our day to day life. If we have proper or better health then only we can work properly. The proposal of our project is to develop a smart system (Health Monitoring System) which gives the heartbeat rate, temperature and humidity. The output of these parameters are given using heartbeat rate and DHT11 sensors. These sensors are interfaced with the controller Arduino uno board. This Arduino uno board is again interfaced with the SIM900A modem for the wireless data transmission on IoT platform i.e. cloud. The data visualization can be done using MQTT protocol mobile application. The recorded data can be stored for certain amount of time and is stored permanently in the cloud. Once it is stored in the cloud it can be accessible anytime from anywhere about patient's report whenever logged.

Keywords—Heartbeat rate sensor, DHT11 sensor, SIM900A modem, Arduino uno, IOT

I. INTRODUCTION

In the past years wireless technology has the rapid growth. It has the huge requirements in the various fields. Recently IoT came into existence and is used in many industrial areas especially in automation and control. For providing the better and good health care biomedical is one of the best industry. The IoT is not only used in industrial areas but also used in hospitals and can be used for personnel health care. By proposing this project the various parameters are observed which consumes power, cost, features, life span and efficiency. This paper is done based on the overview this smart system (Health Monitoring System).

In the present generation doctors play an crucial role in consultancy of health. For everyone to get consulted with the doctors it will takes a lots of process like getting registration, fixing of appointment and then consulting. After done with all this process the generation of reports may take time. Due to these reasons most of the people are getting ignored with the consulting or else postponing to some other time. By using our project one can get done with the health check up without any time consumption processes. By this time consumption is also reduced.

Design of Dumb-Bell Shaped Microstrip Patch Antenna at C-Band.

B. Priyanka^{#1}, P. Shaishav Kumar^{#2}, S. Sreenath Kashyap^{#3}, Vipul M Dabhi^{#4}, Ramakoteswara Rao^{#5}.
#1, Student, ECE, Kommuri Pratap Reddy Institute of Technology, 8374455230, priya.kutty.617@gmail.com
#2, Student, ECE, Kommuri Pratap Reddy Institute of Technology, 8790888451, shaishavkumar24@gmail.com
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Abstract: In modern era of research technology, Defected Ground Structure is an application for printed circuit boards that is Microstrip Antennas. If defects or Etched slots are observed on the ground plane of microstrip circuits then it referred to as Defected Ground Structure. DGS include both single or multiple defects on the ground plane and also DGS was reported for filters underneath the microstrip line. To achieve band-stop characteristics and suppress mutual coupling and higher mode of harmonics DGS has been placed underneath the microstrip line. In this paper work, we proposed a antenna design through which insight applications, development challenges and various electrical performance which improves the antenna bandwidth, S11 parameter, Gain, Directivity and reference impedance.

Keywords: *Microstrip antennas, Defected Ground Structure, Photonic Band gap, Electromagnetic Band gap, S₁₁ parameter (return loss), Reference Impedance, Gain, Directivity and Bandwidth.*

I. Introduction

Advance of wireless technology places a pivotal role in the advancements of science and technology. Communication is the primary interest in human beings since the aurora of cultures [1]. The futuristic era of wireless communication technologies beyond the 4th generation, 5th generation suggest that the gigahertz or Millimeter wave technology is promising and attractive for future wireless communication networks due to the requirement of large amount of bandwidth and potential multiband [2]. Both industry and academicians started exploring this portion of electromagnetic spectrum for next generation wireless communication networks. Applications in the present

day to day communication systems demand the compact, low profile, conformability antennas [3]. Defected Ground Structure are the compact geometrical slots that placed at ground plane of microwave circuits [4]. Basically, in DGS there is three chances of occurring defects that is a single, periodic and aperiodic defects comprised during slotting. Moreover, if the periodic defects and aperiodic defects are etched on the ground plane of planar microwave circuits then it is referred as Defected Ground Structure. The two band techniques that is Photonic Band Gap (PBG) and Electromagnetic Band Gap (EBG) in DGS have been reported with irregular ground planes [5].

In present wireless technology era, to enhance the parameter for simple structural design microwave component with Defected Ground Structure (DGS) has been gained popularity among all the techniques design [6]. If defects or Etched slots are observed on the ground plane of microstrip circuits then it referred to as Defected Ground Structure. Basically, DGS include both single or multiple defects on the ground plane of the planar or patch antenna. Initially DGS was reported for filters underneath the microstrip line [7]. To achieve band-stop characteristics and suppress mutual coupling and higher mode of harmonics DGS has been placed underneath the microstrip line. Now a days, the demand of DGS is extremely higher in the design of simple structural antennas. This paper work presents the evolution and development of DGS [8]. The basic working principles, concepts, and equivalent models of different shapes of DGS are presented. DGS has been used in the field of microstrip antennas for enhancing the gain of microstrip antenna, bandwidth and mutual coupling between adjacent element, to suppress the higher mode harmonics, and observe the characteristics of cross-polarization for

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IJSER Automatic Door Locking System with security using IoT

¹Mrs. M. Srilekha, Assistant Professor, Dept of ECE, KPRIT, Hyderabad, India.
²Kolvapally Soumya, B.tech Student, Dept of ECE, KPRIT, Hyderabad, India.
³Vanga . Laxmi Prasanna, B.tech Student, Dept of ECE, KPRIT, Hyderabad, India.
¹srilekha.m@gmail.com, ²kolvapall@gmail.com, ³prasannavanga444@gmail.com

Abstract - Security is the main issue that must be addressed in the present society. With the latest developments in emerging technologies, IoT stands out to be the Cutting-Edge technology solving many security-related problems. Here is a Home security solution based on IoT, in this system we will have a wireless module which connects to the Internet and communicates with the user through the internet from anywhere in the world. The user can lock his Home's door by using a mobile phone with an app installed in it. The main objective of this paper is to embed a locking system in the door with two locking positions each individually controlled by the user using a mobile phone and intruder alert system when detected. An additional feature which gives better security option is, a user can use this system in two modes. One is connecting to the internet and the other one is Hotspot mode, where the user can connect to local hotspot created by the system and monitor the home in and around about a range of 30meter.

Index Terms -NodeMCU, ESP8266 WI-FI module, L293D driver circuit, Vibrator sensor, Relay unit

1. INTRODUCTION

IoT refers to the infrastructure of connected physical devices which is growing at a rapid rate as huge number of devices and objects are getting associated to the Internet. Home automatic door security is a very useful application of IoT and we are using it to create an inexpensive security system for homes as well as industrial use. The system will inform the owner about any unauthorized entry or

whenever the door is opened by sending a notification to the user. After the user gets the notification, he can take the necessary actions. The security system will use a microcontroller known as NodeMCU to interface between the components, a vibrator sensor to monitor the status and a WiFi module, ESP8266 to connect and communicate using the Internet. The main advantages of such a system includes the ease of setting up, lower costs and low maintenance.

2. METHODOLOGY

The basic idea behind the working of door lock with security lies in the interpretation of the data sent by the Android phone by means of the developed app. To interpret the data sent by the phone, firstly a Esp8266 WI-FI module or by using Hotspot. which is configured by default at a baud rate of 9600 is connected to the Microcontroller (i.e) NodeMCU which is also configured at the same baud rate. The data which is been received by the Esp8266 WI-FI module is then given to the NodeMCU, which understands in ASCII format, now depending upon the received set of character operations are performed whether to unlock the door or to lock it. The app is well protected by means of a password thus neglecting any fraud access to the door and is been avoided to be provoked by anonymous user and give the shocking alert by phone. This is highly useful when we are trying to automate the home. Although our Application also provides a better amount of security for the user, by means of accessing via mail and it is directly saved in IoT webpage.

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Vol. 8, Issue 4, April 2019

AUTOMATED RAILWAY FOOTPATH AS BRIDGE

B.Manisha¹, Y.Vikas reddy² P. Snigdha kamala³

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B.Tech, Student, Department of Electronic and Communication Engineering, KPRIT , Ghatkesar,Hyderabad,India²

Assitant professor, Department of Electronic and Communication Engineering, KPRIT , Ghatkesar Hyderabad, India³

ABSTRACT

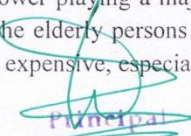
The main aim of this project is to automate railway track pedestrian crossing without using staircase & announce the status of the arrival for platform users. Normally the mobile platform connects the two platforms through which the passenger can walk on the platform to reach on the next platform. Sensors are placed on the two sides of track. If the train reaches one sensor the mobile platform will automatically close and allows the train to go through the tracks and then when the train leaves the second sensor the mobile platform will automatically open the bridging platforms. The microcontroller will sense the presence of train by using infrared sensor. So on sensing the train on one path controller will give pulses to the dc motor to close the mobile platform automatically. This project is used to avoid the train collision, thus we save the valuable human lives and losses. So this project is useful for railway departments

Keywords: Mobile Platform, IR Sensors, Arduino

INTRODUCTION

The present railway system in India is not fully automated and has manpower playing a major role. In railway stations normally we use bridges. It is very difficult for the elderly persons or handicapped persons to use the bridge. These bridges over the railroads are expensive, especially

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Principal
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PROJECT EXPO





4. Sample Rubrics for Seminar

KOMMURI PRATAP REDDY INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
B.Tech IV Year I SEMESTER:: 2019-2020
SEMINAR EVALUATION FORM

Class & Branch : _____

Subject Name : SEMINAR _____

Subject Code : 13767 _____

Roll Number : _____

Student Name : _____

Seminar Title : _____

Date of presentation : _____

S.No	Rubrics	Marks
1	EVALUATION OF THE TECHNICAL REPORT (SEMINAR REPORT) (40M)	
	a. Resources from which the seminar have been based	/10
	b. Report submission	/10
	c. Lay out, and content of Presentation	/10
	d. Depth of the students knowledge in the subject	/10
	Total	/40
2	EVALUATION OF THE PRESENTATION (60 M)	
	a. Contents	/12
	b. Delivery	/12
	c. Relevance and interest the topic creates	/12
	d. Ability to involve the spectators	/12
	e. Question answer session	/12
	Total	/60
	Grand Total	/100

Signature of the Evaluators

SEMINAR SUPERVISOR

HEAD OF THE DEPARTMENT

