

Criterion 1

Curricular Aspects

Key Indicator- 1.3

Curriculum Enrichment

1.3.2 Percentage of students undertaking project work/field work/internships (Data for the latest completed year)

ACADEMIC YEAR 2022-2023

STUDENTS UNDERTAKING PROJECT WORK/FIELD WORK/INTERNSHIPS

Sl.No	Description	Page No.
1	CSE Department Project Schedule	1-21
2	ECE Department Project Schedule	21-39
3	EEE Department Project Schedule	40-45
4	CIVIL Department Project Schedule	46-55
5	MECHANICAL Department Project Schedule	56-64
6	EEE Department Project Bonafide Certificate	65-92

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Project Work
Circular

Circular No: 1

Dated: 02.02.2023

Dear Students,

This is to inform you that the Zeroth review for the VIII Semester Project Work has been scheduled. It will be conducted on 06.02.2023 and 07.02.2023 as per the provided schedule.

❖ Documents to be Submit:

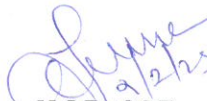
- ❖ Batch List
- ❖ Project Title
- ❖ Description
- ❖ Abstract
- ❖ Base Paper

Date	Time duration	Batch
06.02.2023	9:00AM - 11:45AM	Batch 1-Batch-6
06.02.2023	12:30PM – 3:30PM	Batch 7-Batch 12
07.02.2023	9:00AM - 11:45AM	Batch 13-Batch 18
07.02.2023	12:30PM – 3:30PM	Batch 19-Batch 23

Venue : BT3

Note: Circular to all the staff members and IV years.


Project Coordinator


HOD-CSE

**PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

CS8811- Project Work Schedule

Class : IV CSE A & B

Sem : VIII

Zeroth Review:

Dates: **06.02.2023 & 07.02.2023**

Documents to be Submit:

- ❖ Batch List
- ❖ Project Title
- ❖ Description
- ❖ Abstract
- ❖ Base Paper

First Review:

Dates: **20.02.2023 & 21.02.2023**

Documents to be Submit:

- ❖ Abstract
- ❖ Scope
- ❖ Literature Review
- ❖ Summary of literature Review
- ❖ Project Outcome
- ❖ Working Flowchart

Second Review:

Dates: **27.03.2023 & 28.03.2023**

Documents to be Submit:

- ❖ Methodology
- ❖ Data Collection
- ❖ Calculation
- ❖ Project progress
- ❖ Models (if any)

Third Review:

Dates: 17.04.2023 & 18.04.2023

Documents to be submit

- ❖ Module Output and Results
- ❖ Thesis Draft copy
- ❖ PPT
- ❖ Testing Report
- ❖ Comparison (if any)
- ❖ Conclusion
- ❖ Reference

Model Review

Documents to be Submit:

- ❖ Results
 - a. Manual
 - a. Software
- ❖ Final Thesis
- ❖ AU Viva PPT

Note:


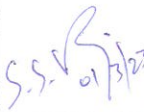
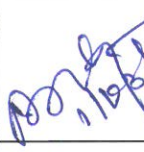


1. Internal Marks purely based on your Presentation Skill, Innovation of the project, Review marks & Questionnaires.
1. All the above documents should be submitted duly signed by Project Guide, Project Coordinator & Head of the Department.
2. All the batches are requested to being with their guide during Reviews.
3. Hard Copies of Project Report attested by Guide should be submitted to the Project incharges before the day of review. Incase failed to submit the document that batch will be treated as absent.


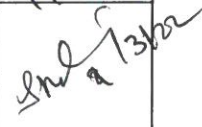
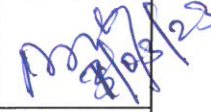


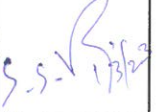


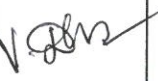

Project Coordinator












HOD-CSE


PERI Institute of Technology
Department of Computer Science & Engineering

IV CSE A+B

S.No	Reg. No.	Name of the Students	Project Title	Guide Name	Guide Signature
1	411519104011	C Chitra	AI based spam spoiler for public & private E-mail service	Mrs.A.Vimaladevi	
	411519104017	G Divya			
	411519104032	Kalaivani K			
	411519104042	M Malavika			
2	411519104053	J Nandhini	A blockchain & edge computing based secure framework for government tender	Mrs.G.S.Gayathri	
	411519104007	P Baby Swetha			
	411519104035	V Keerthana			
	411519104046	M. Mareeswari			
3	411519104080	Sanjay	Design & Analysis of Cryptography technique for Communication System	Mrs.R.Savithiri	
	411519104089	Sunil S			
	411519104092	Surya V			
	411519104066	Pradeep T R			
4	411519104055	Naveen Kumar D	Masked Data Encryption	Mr.S.S.Vasantharaja	
	411519104056	Naveen Kumar M			
	411519104100	Vishwa			
	411519104101	Yokesh S			
5	411519104076	Rishya Sirungaran G	Gesture based video calling for deaf/mute people using microsoft Kincet	Mrs.Bersklin Libina	
	411519104061	Parthiban D			
	411519104078	Roy Reuban Raj E			
	411519104072	Raghava R			
6	411519104086	Sneha M	Pendantry space for suspective	Mrs.B.Priya	
	411519104058	Nishanthi A			
	411519104065	Pooja M			
7	411519104019	R Gokul	Automatic Energy Efficient Street Light Control System	Mr.V.Dharmaprakash	
	411519104018	J Gabriel Nixson Jones			
	411519104028	Jagatheesan V			
	411519104033	Kaligiri Pavan			

8	411519104097	Vetri Chelvan	Predicting Wind Energy using Weather Conditions based on ML	Mrs.C.Kalaiarasi	
	411519104069	Praveen Kumar G			
	411519104057	Nedunseralathan			
	411519104073	Raja Murali			
9	411519104095	Tharanidaran P	Efficient tracable authorization system for cloud storage	Mr.S.R.Noble Lourdhu Raj	
	411519104081	Santhosh Kumar			
	411519104083	Shanmuga Raj			
	411519104098	Vigneshwaran			
10	411519104060	Ben Joseph	Object Deduction using Open CV	Mrs.Bersklin Libina	
	411519104013	Deepak Kumar Bhagat			
	411519104022	Hariharan B			
11	411519104004	G Arul Mani	Garbage Management system for smart city using ARDUINO microcontroller	Mrs.K.Varalakshmi	
	411519104014	M Dhanesh Kumar			
	411519104049	S Mukesh			
	411519104048	M. Mohammed Hameed			
12	411519104302	Balaji	College Web app development	Mrs.B.Priya	
	411519104001	G. Akash			
	411519104044	B Mani Bharathi			
	411519104045	V. Manikandan			
13	411519104084	Silambarasan K	Chatbot	Mr.S.S.Vasantharaja	
	411519104085	Sivananthan			
	411519104075	Rishi Ashok			
	411519104067	Prakash R			
14	411519104024	S. Hariharan	Deep Learning approach of diagnosis & treatment	Mrs.C.Kalaiarasi	
	411519104038	B.M. Kumaravel			
	411519104041	S Logeswaran			
	411519104047	Medepallai Yadidya			
15	411519104063	Poli Sunil	Bitcoin heist ransomware attack prediction using data science process	Mr.A.VijayaNarayanan	
	411519104052	Namburi Srinadh			
	411519104051	Nallapaneni Vamsi Krishna			
	411519104099	Vikram R J			
16	411519104094	Tamil Selvan V	Safety bag for women using IOT	Mr.V.Dharmaprakash	
	411519104079	Sai Charan.G			
	411519104068	Praveen Kumar S			

17	411519104077	Roshni M	Myocardial Infraction from patient using ML	Mrs.K.Varalakshmi	
	411519104074	Revathi S			
	411519104087	Sowmiya C			
	411519104064	Ponduri Sri Sushma			
18	411519104039	S. Lakshmi Priya	Farming prediction using AI	Mr.S.R.Noble Lourdhu Raj	
	411519104026	Harshini			
	411519104027	Hemavathy K			
	411519104093	Swetha			
19	411519104037	U Kishore	Real time forest fire detection using through neural networks	Mr.V.Dharmaprakash	
	411519104031	Kabil J			
	411519104054	L Naveen			
20	411519104005	J Augustin Raja	Air quality prediction using ML	Mr.A.VijayaNarayanan	
	411519104022	Hariharan B			
	411519104050	M Muthukumar			
21	411519104091	Suresh Manikandan	E-mail alert on whatsapp	Mrs.H.Deepika	
	411519104070	Priya Dharshan.V			
22	411519104082	Savitha B	Cloud data deduplication using Hashing	Mrs.A.Vimaladevi	
	411519104071	Priyadarshini.M			
	411519104040	Lingareddy Sai Dhathri			
23	411519104020	V. Gopinath	Wild land fire detection with yolo algorithm using deep learning withh CCTV & DRONE	Mrs.G.S.Gayathri	
24	411519104036	C Kishore	Detectin driver deviation & analysing driven performance using deep larning	Mr.A.VijayaNarayanan	
	411519104016	N. Dinesh Kumar			
	411519104034	A Karthick			
	411519104002	G Althaf Khan			
25	411519104006	M. Ayesha Munawar	Smart rolcot for inspection in disaster areas	Mrs.H.Deepika	
	411519104010	L Blessy Evanglin			
	411519104029	Jasmine Jenifer Mary X			
26	411519104062	Pavithra M	Data-driven decision support for optimizing cyber forensic investigations	Mrs.R.Savithiri	
	411519104088	Sugashini M			
	411519104102	Yuva Shree R			

27	411519104021	Gownori Jasmitha	Carbon-di-oxide emission rating by vehicles using datascience technique	Mr.V.Dharmaprakash	
	411519104043	A Manasa			


HOD/CSE


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PERI Institute of Technology
Department of Computer Science and Engineering
CS8811 PROJECT WORK (Batch 2019-2023) 2022-2023 Even Semester
PROJECT REVIEW 0 EVALUATION FORM

BATCH: 2019-2023

CLASS: IV CSE A & B

Batch. No.	Date	Reg. No.	Name of the Students	Reviewer (50)						Total (50)	Remarks	Signature
				Project Title	Project Title (10)	Project Domain (10)	Project Description (10)	Presentation (10)	Viva (10)			
1	06.02.23	411519104011	C Chitra	Testing Tool	8	7	8	8	6	37	Change the topic	
		411519104017	G Divya		8	7	8	8	7	38		
		411519104032	Kalaivani K		8	7	8	0	0	23		
		411519104042	M Malavika		8	7	8	8	8	39		
2		411519104053	J Nandhini	Website for Agriculture	8	8	8	7	7	38	No clear idea	
		411519104007	P Baby Swetha		8	8	8	7	7	38		
		411519104035	V Keerthana		8	8	8	7	7	38		
3		411519104046	M. Mareeswari	Design & Analysis of Cryptography technique for Communication System	8	8	8	0	0	24	Check the algorithm	
		411519104080	Sanjay		9	8	8	9	9	43		
		411519104089	Sunil S		9	8	8	9	9	43		
		411519104092	Surya V		9	8	8	0	0	25		
4		411519104066	Pradeep T R	Masked Data Encryption	9	8	8	0	0	25	Change title	
		411519104055	Naveen Kumar D		9	8	8	0	0	25		
		411519104056	Naveen Kumar M		9	8	8	8	7	40		
		411519104100	Vishwa		9	8	8	8	7	40		
5		411519104101	Yokesh S	Gesture based video calling for deaf/mute people using microsoft Kincet	9	8	8	8	8	41	No clear idea	
	411519104076	Rishya Sirungaran G	8		7	8	7	7	37			
	411519104061	Parthiban D	8		7	8	7	7	37			
	411519104078	Roy Reuban Raj E	8		7	8	0	0	23			
6	411519104072	Raghava R	Pendantry space for suspective	8	7	8	0	0	23	Indepth concept needed		
	411519104086	Sneha M		8	7	8	8	7	38			
	411519104058	Nishanthi A		8	7	8	8	8	39			
7	411519104065	Pooja M	Automatic Energy Efficient Street Light Control System	8	7	8	0	0	23	IEEE paper needed		
	411519104019	R Gokul		9	8	9	8	9	43			
	411519104018	J Gabriel Nixson Jones		9	8	9	8	9	43			
	411519104028	Jagatheesan V		9	8	9	8	8	42			
8	411519104033	Kaligiri Pavan	Predicting Wind Energy using Weather Conditions based on ML	9	8	9	0	0	26	Methods used clearly defined		
	411519104097	Vetri Chelvan		9	8	9	8	7	41			
	411519104069	Praveen Kumar G		9	8	9	8	7	41			
	411519104057	Nedunseralathan		9	8	9	0	0	26			
9	411519104073	Raja Murali	Efficient tracable authorization system for cloud storage	9	8	9	0	0	26	Methods used clearly defined		
	411519104095	Tharanidaran P		8	8	7	8	7	38			
	411519104081	Santhosh Kumar		8	8	7	0	0	23			
	411519104083	Shanmuga Raj		8	8	7	8	7	38			
		411519104098	Vigneshwaran		8	8	7	0	0	23		

10	411519104060	Ben Joseph	Object Deduction using Open CV	8	7	7	6	6	34	Change the project	
	411519104013	Deepak Kumar Bhagat		8	7	7	0	0	22		
	411519104022	Hariharan B		8	7	7	0	0	22		
11	411519104004	G Arul Mani	Performance Estimation of Cloud Hub with Universal Influx & Services	9	8	9	8	8	42	Clearly define, Algorithms used	
	411519104014	M Dhanesh Kumar		9	8	9	0	0	26		
	411519104049	S Mukesh		9	8	9	0	0	26		
	411519104048	M. Mohammed Hameed		9	8	9	0	0	26		
12	411519104302	Balaji	College Web app development	8	7	7	7	6	35	Change the project	
	411519104001	G. Akash		8	7	7	7	7	36		
	411519104044	B Mani Bharathi		8	7	7	0	0	22		
	411519104045	V. Manikandan		8	7	7	0	0	22		
13	411519104084	Silambarasan K	Chatbot	7	7	7	7	7	35	Change topic	
	411519104085	Sivananthan		7	7	7	0	0	21		
	411519104075	Rishi Ashok		7	7	7	0	0	21		
	411519104067	Prakash R		7	7	7	0	0	21		
14	411519104024	S. Hariharan	Deep Learning approach of diagnosis & treatment	8	7	7	7	7	36	Clearly explain Algorithms used	
	411519104038	B.M. Kumaravel		8	7	7	7	7	36		
	411519104041	S Logeswaran		8	7	7	7	7	36		
	411519104047	Medepallai Yadidya		8	7	7	7	7	36		
15	411519104063	Poli Sunil	Bitcoin heist ransomware attack prediction using data science process	8	7	8	0	0	23	Indepth concept needed	
	411519104052	Namburi Srinadh		8	7	8	0	0	23		
	411519104051	Nallapaneni Vamsi Krishna		8	7	8	0	0	23		
	411519104099	Vikram R J		8	7	8	7	6	36		
16	411519104094	Tamil Selvan V	Safety bag for women using IOT	9	8	9	7	6	39	Model needed	
	411519104079	Sai Charan.G		9	8	9	7	8	41		
	411519104068	Praveen Kumar S		9	8	9	7	6	39		
17	411519104077	Roshni M	Novel finger vein image quality evaluation method based on DLT	8	7	8	7	7	37	Change the project	
	411519104074	Revathi S		8	7	8	7	8	38		
	411519104087	Sowmiya C		8	7	8	7	7	37		
	411519104064	Ponduri Sri Sushma		8	7	8	0	0	23		
18	411519104039	S. Lakshmi Priya	Farming prediction using AI	7	7	7	7	7	35	No clear idea	
	411519104026	Harshini		7	7	7	7	7	35		
	411519104027	Hemavathy K		7	7	7	7	7	35		
	411519104093	Swetha		7	7	7	0	0	21		
19	411519104037	U Kishore	Real time forest fire detection using through neural networks	7	7	7	7	6	34	Change the project	
	411519104031	Kabil J		7	7	7	7	6	34		
	411519104054	L Naveen		7	7	7	7	6	34		
20	411519104005	J Augustin Raja	Air quality prediction using ML	7	7	7	7	6	34	Change the project	
	411519104022	Hariharan B		7	7	7	0	0	21		
	411519104050	M Muthukumar		7	7	7	7	6	34		
21	411519104091	Suresh Manikandan	E-mail alert on whatsapp	7	7	7	7	6	34	Title change	
	411519104070	Priya Dharshan.V		7	7	7	7	6	34		
22	411519104082	Savitha B	Cloud data deduplication using Hashing	7	7	7	7	7	35	Restudy	
	411519104071	Priyadharshini.M		7	7	7	7	6	34		
	411519104040	Lingareddy Sai Dhathri		7	7	7	7	6	34		

07.02.23

23	411519104020	V. Gopinath	Wild land fire detection with yolo algorithm	7	7	7	6	6	33	Change the project	
24	411519104036	C Kishore	Detectin driver deviation & analysing	7	7	7	0	0	21	Methods used clearly defined	
	411519104016	N. Dinesh Kumar	driven performance	7	7	7	0	0	21		
	411519104034	A Karthick	using deep learning	7	7	7	0	0	21		
	411519104002	G Althaf Khan		7	7	7	7	7	35		
25	411519104006	M. Ayesha Munawar	Smart rolcot for inspection in disaster areas	7	7	7	7	6	34	Methods used clearly defined	
	411519104010	L Blessy Evanglin		7	7	7	7	6	34		
	411519104029	Jasmine Jenifer Mary X		7	7	7	7	6	34		
26	411519104062	Pavithra M	Data-driven decision support for optimizing cyber forensic	7	7	7	7	7	35	IEEE paper needed	
	411519104088	Sugashini M		7	7	7	7	7	35		
	411519104102	Yuva Shree R		7	7	7	7	7	35		
27	411519104021	Gownori Jasmitha	Carbon-di-oxide emission rating by	7	7	7	7	6	34	Change the project	
	411519104043	A Manasa		7	7	7	7	6	34		

Panel Members

S.No	Name of the Faculty	Signature
1	Mrs.K.Varalakshmi	
2	Mrs.R.Savithiri	
3	Mr.S.R.Noble Lourdu Raj	
4	Mrs.G.S.Gayathri	

PROJECT COORDINATORS

HOD/CSE

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
PROJECT –DETAILS (2022-2023) EVEN SEMESTER
CS8611- MINI PROJECT WORK
CIRCULAR

Circular No: 1

Dated: 01.02.2023

Dear Students,

This is to inform you that the Zeroth review for the VI Semester Mini Project Work has been scheduled. It will be conducted on **08.02.2023** and **09.02.2023** as per the provided schedule.

Document to be submit:

- ❖ Batch List
- ❖ Project Title
- ❖ Description
- ❖ Abstract

DATE	TIME DURATION	BATCH
08.02.2023	9.00 AM -11.45 AM	BATCH 1 - BATCH 9
08.02.2023	12.30 PM – 3.30 PM	BATCH 10 – BATCH 18
09.02.2023	9.00 AM -11.45 AM	BATCH 19 - BATCH 27
09.02.2023	12.30 PM – 3.30 PM	BATCH 28 – BATCH 33

Venue : **BT7**

Note : Circular to all the staff members and III years.





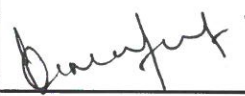
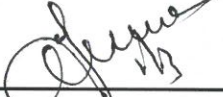
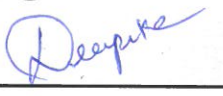

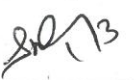
Project Coordinator

HOD- CSE

PERI Institute of Technology
Department of Computer Science and Engineering
MINI PROJECT WORK (Batch 2020-2024) 2022-2023 Even Semester

BATCH: 2020-2024

CLASS: III CSE A & B

Batch. No.	Reg. No.	Name of the Students	Project Title	Guide Name	Signature
1	411520104003	Abdul Lathief . A.H	Entrepreneur Website Using Data Science	Mr. Dharma Prakash.V	
	411520104010	Arun Kishore.E			
	411520104018	Caleb . J			
	411520104040	S. Karthick Subramaniyan			
2	411520104004	Abirami.V	Trying on online clothes and accessories using AI	Mrs.P Lekha	
	411520104001	Aarthy.K.P			
	411520104017	Brindha M			
	411520104035	Jayashree N			
3	411520104016	Atchaya.R	Ticket Booking reservation system	Mrs.G S Gayathri	
	411520104002	Aayisha.K			
	411520104006	Apsar.K			
	411520104007	Apshana.S			
4	411520104032	Harish Suriya S	College Event Stall Management	Mr.A Vijaya narayanan	
	411520104042	Kathiravan.M			
	411520104014	Ashwin Kumar Pj			
	411520104023	Dinesh.D			
5	411520104031	Harini K	Product Expiring Alert Management system	Mrs. K Vimaladevi	
	411520104045	Kaviya P			
	411520104307	Nandhini			
	411520104303	M.Lavanya			
6	411520104026	Goddumuri Raju G	Stegnography using OCR	Mrs.K Varalakshmi	
	411520104013	Ashok Kumar.M			
	411520104038	Kamalesh B			
	411520104031	Hareesh Anand			
7	411520104036	Jayashree. V	Number system using HTML(Traffic signal)	Mrs H Deepika	
	411520104043	Kavi Dharshini.R			
	411520104312	Ad Samyukthaa			
	411520104024	Durga . V			
8	411520104012	Arun Kumar.G	Cricket Fantasy using Web Application	Mr. S S Vasantharaja	
	411520104034	Immanuel.B			
	411520104703	Suman.T			
	411520104021	Dhanasehwac.R			
9	411520104029	Gunalan.M	Car detection using AI	Mr.S.R.Noble Lourdu Raj	
	411520104037	Jeevanantham.D			
	411520104015	Ashwinth K.K.			
	411520104025	Ganesh.B			

10	411520104009	P. T. Arjun	Activity Organizer using Web Application	Mr. S S Vasantharaja	S.S. ✓ 13/22
	411520104044	K.Kavi Kumar			
	411520104019	T. Chandraguptan			
	411520104041	K. Karupiah			
11	411520104020	Dhamodharan Sk	Audio Steganography	Mr.A Vijaya narayanan	Vijaya FB
	411520104008	Aravindhnan M			
	411520104305	Mathavan.M			
	411520104011	Arun Kumar Ek.			
12	411520104022	Dinakaran.C	Messenger using python	Mr.S.R.Noble Lourdu Raj	S.R. ✓
	411520104005	Akash.D			
	411520104033	Hemachandran.R			
	411520104308	R.Ramprasanna			
13	411520104027	Gomathi S	Detecting COVID 19 using CT Scan	Mrs. T Libina	T Libina
	411520104308	V.Pavithra			
	411520104309	D.Priya Dharshini			
14	411520104702	Tanuj	Virtual Mouse with gesture	Mrs.R Savithiri	R Savithiri
	411520104028	Gowtham.M			
	411520104701	V.Jaydeep			
	411520104310	A.Karthick			
15	411520104304	S.Mary Sowmiya	Search Optimization	Mrs.T Libina	T Libina
	411520104313	R.Sandro Tisha			
	411520104314	Uma Maheswari			
	411520104302	S.Kalaivani			
16	411520104301	Hemanraj	Internet banking system using Java	Mrs B Priya	B Priya
	411520104315	Vignesh.R			
	411520104306	M Mohammed Nabeel N			
17	411520104052	Lavanya.S	Student information chat bot system using AI	Mrs. K Varalakshmi	K Varalakshmi
	411520104070	NithyaShree.P			
	411520104092	Snehapriya.M			
18	411520104072	Prasanakumaran.S	Diagnosis of Diabetic Retinopathy using AI	Mrs B Priya	B Priya
	411520104107	Vijayakumar.D			
	411520104109	Vishnu.B			
	411520104108	Vishva.B			
19	411520104086	Senthurammal.S	Localization and detection of fire through camera using AI	Mr.A Vijayanarayanan	Vijaya FB
	411520104091	Sivasabarishwri.M			
	411520104048	Kiruthika.G			
	411520104085	Saranaya.S			
20	411520104077	Rajasubaramani.R	Auto Picture Editor using AI	Mrs. A Vimaladevi	A Vimaladevi
	411520104084	Sanjay.R			
	411520104079	Ravishankar.G			
	411520104066	Muthupandi.P			
21	411520104073	Praveen Kumar.T	Face Recognition Attendance System using AI	Mrs P Lekha	P Lekha
	411520104068	Naveen Kumar.E			
	411520104075	Ragul.P			
	411520104081	Ruthresh.P			
22	411520104089	Shiyam Sundhar.B	Android Text Encryption using Algorithm	Mrs H Deepika	H Deepika
	411520104057	Manikandan.S			
	411520104047	Kiran Kumar.M			
	411520104054	Madesh.C			

23	411520104090	Sivaprakash.K	Volume Control using hand gesture using Image Processing	Mrs C Kalaiarasi	
	411520104069	Nithinkarthi.M.R			
	411520104104	Venkatesh.S			
	411520104103	Vel Murugan.D			
24	411520104046	Keraklin .W	Myhelper to find missing phone using SMS without Internet using AI	Mr.A Vijay narayanan	
	411520104059	Megasri.K			
	411520104063	Monalisa.V			
	411520104078	Ratthika.S			
25	411520104082	Samuel.I	Voice Mail For Blind People	Mrs.C Kalaiarasi	
	411520104088	Sharan.G			
	411520104076	Ragunath.R			
	411520104080	Rithick.R			
26	411520104071	Nivetha.B	Fruit Disease Detection Using Machine Learning	Mrs.P Lekha	
	411520104083	Sanjaana.S			
	411520104074	Priyanga.D			
	411520104058	Marikala.M			
27	411520104093	Sowmiya.B	Face Identification using AI for security purpose	Mrs B Priya	
	411520104098	Thanuja.V			
	411520104097	SwethasreeS			
	411520104102	Varshini.V			
28	411520104053	Nalini.R	Traffic Signal Violation Detection System	Mrs. C Kalaiarasi	
	411520104067	Logeshwari.R			
	411520104101	Vandhana.J			
	411520104061	Mohammed Harris.H			
29	411520104094	Srikanth.R	Crime Report System	Mr.A Vijayanarayanan	
	411520104049	Kollu Balavardhan			
	411520104087	Sankar.K			
	411520104052	Mohamed Pakir Rahim.Y			
30	411520104095	Sunil Kumar	Color Detection using Image Processing	Mr.A Vijayanarayanan	
	411520104105	Vignesh.S			
	411520104106	Vijaya Harishtha			
	411520104100	Thrisha.B			
31	411520104096	Swetha.B	Braintumor Detection with Image Processing	Mrs. K Varalakshmi	
	411520104050	Koushik raju.R			
	411520104099	Tarun .M			
	411520104064	Muralikrishnan R S			
32	411520104055	Manikandan.M	Student Library Registration System	Mrs.P Lekha	

Panel Members

1.Mr.V.DharmaPraksh	
2.Mr.A.Vijayanarayanan	
3.Mrs.B.Priya	
4.Mrs.C.Kalaiarasi	

Project Coordinator

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PERI Institute of Technology
 Department of Computer Science and Engineering
 CS8811 PROJECT WORK 2022-2023 Even Semester
 MINI PROJECT REVIEW & EVALUATION FORM

BATCH: 2020-2024

CLASS: III CSE A & B

Batch. No.	Date	Reg. No.	Name of the Students	Project Title	Reviewer (50)					Total (50)	Guide Name	Remarks	Signature
					Project Title (10)	Project Domain (10)	Project Description (10)	Presentation (10)	Viva (10)				
1	08.02.2023	411520104003	Abdul Lathief . A.H	Entrepreneur Website Using Data Science	8	7	8	8	7	38	Mr. Dharma Prakash.V	Need more clarification	
		411520104010	Arun Kishore.E		8	7	8	8	7	38			
		411520104018	Caleb . J		8	7	8	8	7	38			
		411520104040	S. Karthick		8	7	8	8	8	39			
2	08.02.2023	411520104004	Abirami V	Trying on online clothes and accessories using AI	8	8	8	8	8	40	Mrs.P Lekha	Need more clarification	
		411520104001	Aarthy.K.P		8	8	8	8	7	39			
		411520104017	Brindha M		8	8	8	8	8	40			
		411520104035	Jayashree N		8	8	8	8	8	40			
3	08.02.2023	411520104016	Atchaya.R	Ticket Booking reservation system	8	7	8	6	6	35	Mrs.G S Gayathri	Ask them to change topic	
		411520104002	Aayisha.K		7	7	7	7	7	35			
		411520104006	Apsar.K		7	7	7	7	7	35			
		411520104007	Aphana.S		7	7	7	7	7	35			
4	08.02.2023	411520104032	Harish Suriya S	College Event Stall Management	7	8	8	8	8	39	Mr.A Vijaya narayanan	Methodology is not clear	
		411520104042	Kathiravan.M		7	7	7	7	7	35			
		411520104014	Ashwin Kumar Pj		7	8	8	8	7	38			
		411520104023	Dinesh.D		7	8	8	8	7	38			
5	08.02.2023	411520104031	Harini K	Product Expiring Alert Management system	9	8	8	8	8	41	Mrs. K Vimaladevi	Data collection need to be done properly	
		411520104045	Kaviya P		8	7	8	8	8	39			
		411520104307	Nandhini		8	7	8	8	8	39			
		411520104303	M.Lavanya		8	7	8	8	8	39			
6	08.02.2023	411520104026	Goddumuri Raju G	Stegnography using OCR	8	7	8	8	8	39	Mrs.K Varalakshmi	Need algorithm efficiency	
		411520104013	Ashok Kumar.M		8	7	8	8	7	38			
		411520104038	Kamalesh B		8	7	8	8	8	39			
		411520104031	Hareesh Anand		8	7	8	8	8	39			
7	08.02.2023	411520104036	Jayashree.V	Number system using HTML(Traffic signal)	9	8	9	8	9	43	Mrs H Deepika	Need to identify Proper Parameters	
		411520104043	Kavi Dharshini.R		9	8	9	8	9	43			
		411520104312	Ad Samyukthaa		9	8	9	8	8	42			
		411520104024	Durga . V		9	8	9	6	7	39			
8	08.02.2023	411520104012	Arun Kumar.G	Cricket Fantasy using Web Application	9	8	9	8	9	43	Mr. S S Vasantharaja	Needs more specific reasoning	
		411520104034	Immanuel.B		9	8	9	8	9	43			
		411520104703	Suman.T		9	8	9	8	8	42			
		411520104021	Dhanasehwac.R		9	8	9	8	8	42			
9	08.02.2023	411520104029	Gunalan.M	Car detection using AI	8	8	7	8	7	38	Mr.S.R.Noble Lourduh Raj	Idea is not clear	
		411520104037	Jeevanantham.D		8	8	7	8	8	39			
		411520104015	Ashwinth K.K.		8	8	7	8	7	38			
		411520104025	Ganesh.B		8	8	7	6	6	35			
10	08.02.2023	411520104009	P. T. Arjun	Activity Organizer using Web Application	8	7	7	8	7	37	Mr. S S Vasantharaja	Modules design needed	
		411520104044	K.Kavi Kumar		8	7	7	6	7	35			
		411520104019	T. Chandraguptan		8	7	7	6	5	33			
		411520104041	K. Karuppiyah		9	8	9	8	8	42			
11	08.02.2023	411520104020	Dhamodharan Sk	Audio Steganography	9	8	9	8	8	42	Mr.A Vijaya narayanan	Algorithm is not clear	
		411520104008	Aravindhan M		9	8	9	8	8	42			
		411520104305	Mathavan.M		9	8	9	7	6	39			
		411520104011	Arun Kumar Ek.		8	7	7	8	7	37			

12	411520104022	Dinakaran.C	Messenger using python	7	7	7	7	6	34	Mr.S.R.Noble Lourdhu Raj	Idea is good but implementation part is to be concentrate	SPM
	411520104005	Akash.D		7	7	7	7	6	34			
	411520104033	Hemachandran.R		7	7	7	7	6	34			
13	411520104308	R.Ramprasanna	Detecting COVID 19 using CT Scan	7	7	7	7	6	34	Mrs. T Libina	Logic is not clear	mg
	411520104027	Gomathi S		7	7	7	7	6	34			
	411520104309	V.Pavithra		7	7	7	7	6	34			
14	411520104309	D.Priya Dharshini	Virtual Mouse with gesture	7	7	7	6	6	33	Mrs.R Savithiri	Need more clarification	R 1/3
	411520104702	Tanuj		8	7	7	7	7	36			
	411520104028	Gowtham.M		8	7	7	7	7	36			
	411520104701	V.Jaydeep		8	7	7	7	7	36			
15	411520104310	A.Karthick	Search Optimization	8	7	7	7	7	36	Mrs.T Libina	Change to project	Pmg
	411520104304	S.Mary Sowmiya		8	7	8	6	5	34			
	411520104313	R.Sandro Tisha		8	7	8	6	5	34			
	411520104314	Uma Maheswari		8	7	8	6	5	34			
16	411520104302	S.Kalaivani	Internet banking system using Java	8	7	8	7	6	36	Mrs B Priya	Very old concept	B.Priya
	411520104301	Hemanraj		9	8	9	8	8	42			
	411520104315	Vignesh.R		9	8	9	8	8	42			
17	411520104306	M Mohammed Nabeel N	Internet banking system using Java	9	8	9	8	8	42	Mrs. K Varalakshmi	Need to get proper data set	B.Priya
	411520104052	Lavanya.S		8	7	8	7	7	37			
	411520104070	NithyaShree.P		8	7	8	7	8	38			
18	411520104092	Snehapriya.M	Diagnosis of Diabetic Retinopathy using AI	8	7	8	7	7	37	Mrs B Priya	Need Proper Algorithm	B.Priya
	411520104072	Prasanakumaran.S		9	8	8	8	8	41			
	411520104107	Vijayakumar.D		9	8	8	8	7	40			
	411520104109	Vishnu.B		9	8	8	8	7	40			
19	411520104108	Vishva.B	Diagnosis of Diabetic Retinopathy using AI	9	8	8	8	7	40	Mrs B Priya	Need Proper Algorithm	B.Priya
	411520104086	Senthurammal.S		7	7	7	8	8	37			
	411520104091	Sivasabarishwri.M		7	7	7	7	6	34			
	411520104048	Kiruthika.G		7	7	7	7	6	34			
20	411520104085	Saranava.S	Localization and detection of fire through camera using AI	7	7	7	7	6	34	Mr.A Vijaya narayanan	Algorithm to be modified	Pmg
	411520104077	Rajasubaramani.R		7	7	7	7	6	34			
	411520104084	Sanjay.R		7	8	7	8	6	36			
	411520104079	Ravishankar.G		7	7	7	7	6	34			
21	411520104066	Muthupandi.P	Auto Picture Editor using AI	7	7	7	7	6	34	Mrs. A Vimala devi	Not satisfied with the explanations	Kunigut
	411520104073	Praveen Kumar.T		7	7	7	7	6	34			
	411520104068	Naveen Kumar.E		7	7	7	7	7	35			
	411520104075	Ragul.P		7	7	7	7	6	34			
21	411520104081	Ruthresh.P	Face Recognition Attendance System using	7	7	7	7	6	34	Mrs P Lekha	Need proper algorithm	Lx
	411520104075	Ragul.P		7	7	7	7	6	34			

22	09.02.2023	411520104089	Shiyam Sundhar.B	Android Text Encryption using Algorithm	9	7	7	6	6	35	Mrs H Deepika	Need proper algorithm	
		411520104057	Manikandan.S		7	7	7	6	6	33			
		411520104047	Kiran Kumar.M		7	7	7	6	6	33			
		411520104054	Madesh.C		7	7	7	6	6	33			
23		411520104090	Sivaprakash.K	Volume Control using hand gesture using Image Processing	7	7	7	7	7	35	Mrs C Kalai arasi	Need more concepts	
		411520104069	Nithinkarthi.M.R		7	7	7	7	6	34			
		411520104104	Venkatesh.S		7	7	7	7	6	34			
24		411520104103	Vel Murugan.D	Myhelper to find missing phone using SMS without Internet using AI	7	7	7	7	6	34	Mr.A Vijaya narayanan	Need more concepts	
		411520104046	Keraklin .W		7	7	7	7	7	35			
		411520104059	Megasri.K		7	7	7	7	7	35			
25		411520104063	Monalisa.V	Voice Mail For Blind People	7	7	7	7	7	35	Mrs.C Kalai arasi	Need to get proper data set	
		411520104078	Rathika.S		7	7	7	7	7	35			
		411520104082	Samuel.I		7	7	7	7	7	35			
26		411520104088	Sharan.G	Fruit Disease Detection Using Machine Learning	8	7	8	8	6	37	Mrs.P Lekha	Need proper algorithm	
		411520104074	Priyanga.D		8	7	8	8	7	38			
		411520104058	Marikala.M		7	8	8	8	6	37			
27		411520104093	Sowmiya.B	Face Identification using AI for security purpose	9	8	8	9	8	42	Mrs B Priya	Need more concepts	
		411520104098	Thanuja.V		9	8	8	9	9	43			
		411520104097	SwethasreeS		9	8	8	9	9	43			
28		411520104102	Varshini.V	Traffic Signal Violation Detection System	9	8	8	8	8	41	Mrs. C Kalai arasi	Need to get proper data set	
		411520104053	Nalini.R		9	8	8	7	7	39			
		411520104067	Logeshwari.R		9	8	8	7	7	39			
29		411520104101	Vandhana.J	Crime Report System	9	8	8	8	7	40	Mr.A Vijaya narayanan	Not satisfied with the explanations	
		411520104061	Mohammed Harris.H		7	7	7	7	7	35			
		411520104094	Srikanth.R		7	7	7	6	7	34			
30		411520104049	Kollu Balavardhan	Color Detection using Image Processing	7	7	7	6	7	34	Mr.A Vijaya narayanan	Algorithm to be modified	
		411520104087	Sankar.K		7	7	7	7	7	35			
		411520104052	Mohamed Pakir Rahim.Y		8	7	8	6	6	35			
31		411520104095	Sunil Kumar	Braintumor Detection with Image Processing	8	7	8	6	6	35	Mrs. K Varalakshmi	Need more concepts	
		411520104105	Vignesh.S		8	7	8	8	7	38			
		411520104106	Vijaya Harishtha		7	7	7	7	7	35			
32		411520104100	Thrisha.B	Student Library Registration System	8	7	8	7	7	37	Mrs.P Lekha	Need to get proper data set	
		411520104096	Swetha.B		9	8	9	8	9	43			
		411520104050	Koushik raju.R		7	7	7	7	7	35			
		411520104099	Tarun .M		7	7	7	6	7	34			
		411520104064	Muralikrishnan R S		7	7	7	6	7	34			
		411520104055	Manikandan.M		7	7	7	7	7	35			

Panel Members

1.Mr.V.DharmaPraksh	
2.Mr.A.Vijayanarayanan	
3.Mrs.B.Priya	
4.Mrs.C.Kalaiarasi	

Project Coordinator

HOD-CSE

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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
MINI PROJECT WORK (2022-2023)

Circular

Circular No: 1

Dated: 10.08.2022

Dear Students,

This is to inform you that the Zeroth review for the III Semester Mini Project Work has been scheduled. It will be conducted on 13.08.2022 as per the provided schedule.

Document to be submit:

- ❖ Batch List
- ❖ Project Title
- ❖ Description
- ❖ Abstract
- ❖ Base Paper

Review Timing : 10.00 AM - 03.00 PM

Venue : BT6

Note: Circular to all the staff members and II years.

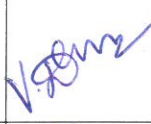

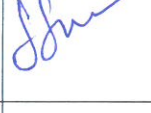


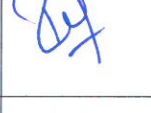

Project Coordinator



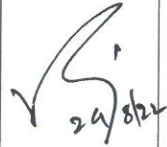



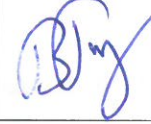
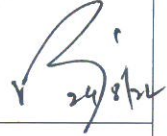




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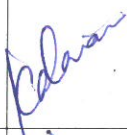


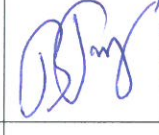


PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2022-2023

SECOND YEAR MINI PROJECT GUIDE LIST

S.No.	Batch	Student Register No.	Student Name	Project Topic	Guide Name	Guide sign
1	1	411521104027	D Dinesh Chaudhary	Web development - II 2022 notes updation	Mr Dharnaprakesh	
2		411521104046	R. Jana			
3		411521104042	S Harish			
4		411521104012	G Bhuvanesh			
5	2	411521104060	B Lavanya	Web development	Ms.Jonisha	
6		411521104041	M Harini			
7		411521104022	B.Devatharshini			
8	3	411521104013	V Chandrakala	IOT - Driver drowsiness detection	Ms.Jonisha	
9		411521104044	P. Ishasri			
10		411521104031	S. Divya			
11	4	411521104052	E. Karthika	Mobile App Development	Ms.Divya	
12		411521104016	M Dayana			
13	5	411521104054	S.kavitha	Mobile app development - colour guessing game using python	Ms.Divya	
14		411521104011	A V Bargavi			
15		411521104055	V Kavitha			
16	6	411521104038	D Gowsalya	IOT - street light Monitering	Ms.Jonisha	
17		411521104056	M.Keerithika			
18		411521104008	A Arockia Anushiya			
19	7	411521104001	A. Abdul Majith	IOT - smart train accident management	Mr.Saravanan	
20		411521104037	R.Gokul			
21		411521104036	D.Gokul			
22		411521104039	T.Guberan			
23	8	411521104004	S.Adnan Mohammed	chat bot - Artificial intelligence conversation.	Mr.Saravanan	
24		411521104003	S Abinash			
25		411521104047	J.Jeffirin Nelson			
26		411521104020	K. Deepan Chakaravarthi			
27	9	411521104023	V.Dhanush	Web Development - Food Restaurant website	Ms.Abbirami	
28		411521104010	V.Ashwin			
29		411521104002	K.B. Abishek Raj			
30	10	411521104053	N.Karthikeyan	web development - result management	Mr.Dharnaprakesh	
31		411521104040	U.Harikrishnan			
32	11	411521104007	B. Archana	IOT Battl less remote	Ms.Abbirami	
33		411521104025	T.Dharani			
34		411521104035	B.Gayathri			
35		411521104059	M.Lakshmi Priya			
36	11	411521104032	K.Elakiya	IOT Battl less remote	Ms.Abbirami	
37		411521104033	R.Elakiya			
38		411521104058	B.Kowsalya			

39	12	411521104006	M. Annamalai	web development	Mr. Vasantharaja	
40		411521104057	S. Keerthivasan			
41		411521104048	M. Jitto			
42		411521104045	M. Jagan			
43	13	411521104009	P. Arul Pandiyan	Mobile App Development	Mr. Vasantharaja	
44		411521104015	V. Dhmoderan			
45		411521104017	J. Deepak			
46		411521104050	K. Jogan Roy			
47	411521104051	S. Karthi				
48	14	411521104005	I. Akash Jebaraj	web development	Mr. Vasantharaja	
49		411521104018	K. Deepak Kumar			
50		411521104028	L. Dinesh Kumar			
51		411521104030	S. Dinesh Kumar			
52	411521104029	M. Dinesh Kumar				
53	15	411521104097	Sai Prasanth. A	Techkart - Gadgets based e-commerce webapp	Mr. Vijayanarayan	
54		411521104083	Pradeep kumar. M			
55		411521104113	Sunil kumar. K. A			
56		411521104116	Tharun. M			
57	16	411521104070	Mohamed Abdul Rahim. P	Face recognizer app	Ms. Abbirami	
58		411521104111	Suchit			
59		411521104088	Rahul. A. D			
60	17	411521104071	M. Mohan raj	Library Management System	Mr. Saravanan	
61		411521104072	S. Mohan Raji			
62		411521104104	M. Siva			
63		411521104114	M. Suriya			
64	18	411521104066	M. Maha lakshmi	web development	Ms. Priya	
65		411521104081	B. Pooja			
66		411521104082	A. Poojasree			
67		411521104093	A. Reshma			
68	19	411521104108	P.S. Sneha	Online Car Rental System	Mr. Vasantharaja	
69		411521104120	V. Vinodha			
70		411521104090	R. Ramya			
71		411521104122	R. yogavarshini			
72	20	411521104117	H. Thejasri	Resume Bulider Web Application	Mr. Vijayanarayan	
73		411521104078	R. Nivetha			
74		411521104080	U. Pavithra			
75	21	411521104121	V. Vinothini	Student Result Management System	Mrs. Divya	
76		411521104063	P. Little jacob			
77		411521104086	J. Pugazhenth			
78		411521104079	E. Parameshwaran			
79	411521104112	B. sudharshan				
80		411521104096	Sagana. R			
81		411521104064	Madhumitha. S	crime rate prediction	Mrs. Savithri	

82		411521104115	Sushthi R	Crime rate prediction		
83	22	411521104118	Veena P G			
84		411521104092	Rathmikaa V	Ardino based project	Mrs. Kalaiarasi	
85		411521104085	Priyadharshini R			
86		411521104084	Priya M			
87	23	411521104067	Maluini			
88		411521104098	Shakthi Ashwin S	Quizup - A Quiz Application	Mrs. Jonisha	
89		411521104109	stalin			
90		411521104110	Stephen I			
91	24	411521104087	pushparaj			
92		411521104075	Nimmi Hassen P	Weather Forecasting App	Mr. Vijayanarayan	
93		411521104065	Mageshvari			
94		411521104061	Lavanya P			
95	25	411521104069	Meenatchigunavathi R			
96		411521104074	Navya Vijayan	Customer Relationship Manager	Mrs. Priya	
97		411521104077	Nivedya V			
98		411521104100	Shifa Shamim			
99	26	411521104099	Shajini Arul .A			
100		411521104076	Nitish Kumar	Housing Price Prediction	Mr. Dharmaprakesh	
101		411521104105	Siva s			
102		411521104089	Rajaram D			
103	27	411521104091	Ranjith			
104		411521104094	Rishikesh	Stock Visualization	Mrs. Divya	
105		411521104095	Sabarivasan			
106		411521104102	Sibe M			
107	28	411521104106	Siva Kumar E.S			
108		411521104119	Vignesh Kumar	Cricket Alerts	Mr. Vasantharaja	
109		411521104123	Yuhan			
110	29	411521104068	Mariya Joshwa S			


PROJECT COORDINATOR


HOD, CSE


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY

Mannivakkam – 600 048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

02.05.2023

The department of ECE has constituted a Project panel to carry out Project review of Zeroth, First, Second and Final review for IV years. The Panel will be headed by **Dr.G.Charulatha** and **Dr.M.Durairaj**.

The students are enquired to come with complete preparation for the reviews. The panel members expectations from the students are,

1. Project Presentation PPT
2. Project Report & Journal paper of the project
3. Demo of the Project
4. Equal participation of team members in presentation and answering queries.

The Third Review schedule is as follows:

S.No	Date	Year / Sem	Session	Timing of the session	Venue	Batch Number
1	11.05.2023	IV / VIII	Forenoon	9.15am to 12.30pm	Class Room	Batch 01- 05
			Afternoon	12.45pm to 3.40pm		Batch 06 - 10

Instructions to the Students:

1. All the students should attend for the Project review at 09.15am sharp without fail.
2. The presence of the respective guides is mandatory.



Head of the Department

1. Circulate among the Students of IV years.

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : IV / VIII

EC8811 - PROJECT WORK

THIRD REVIEW

REVIEWER - 1

DATE : 11.05.2023

S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
1	1	411519106002	P.Bagavath	Object Deduction using OpenCV and Arduino	23	23	23	8	75	Ms.B.Kaleeshwari
2		411519106011	E.S.Kaviya		27	25	26	9	87	
3		411519106023	Shajithabarveen.S		27	27	27	9	90	
4	2	411519106015	P.Merlin	Accident Detection and Theft Control using IoT	26	27	25	9	86	Ms.M.Renuga
5		411519106019	V.Ravikumar		20	22	23	8	75	
6		411519106026	C R.Swarnaa		26	26	26	9	85	
7	3	411519106006	T.Goldafaith	A Dual-Band MIMO Dielectric Resonator Antenna for WiMAX/WLAN Applications	28	28	28	9	92	Mr.L.Saravanan
8		411519106012	R. Keerthi		28	28	28	9	93	
9		411519106020	V.Sangeetha		27	27	27	9	91	
10	4	411519106004	D.kodanda rami reddy	Revolutionary Monitoring and Automation of Aquaponics for Aqua Life Saving	20	23	23	8	75	Dr.M.Durairaj
11		411519106021	S.Deepak Sarvepalli		23	23	23	8	76	
12		411519106304	Viswanath.E		25	25	25	8	83	
13	5	411519106017	M.A.Prakruthi	A Novel on AI Based Approach for Diabetic Retinopathy Detection using Retinal Images	29	29	29	10	95	Ms.M.Renuga
14	6	411519106005	V. Dinesh	Smart Phone operated Multipurpose Agricultural Robot	26	26	26	9	85	Dr.G.Charulatha
15		411519106009	M.Karthickkumar		25	25	25	8	83	
16		411519106010	M.Kavipriya		26	26	26	9	86	
17		411519106024	D.Shalini		26	26	26	9	85	

18	7	411519106001	S. Akash	Doctors Assitive System using Augmented Reality for Critical Analysis	26	26	26	9	88	Dr.M.Ramkumar Prabhu
19		411519106018	T.PraveenRaj		26	26	26	9	86	
20		411519106025	S.Snega		26	26	26	9	86	
21	8	411519106007	R.Harish	IoT Based Electric Vehicle Battery Management System	25	25	25	8	82	Ms.K.LakshmiPriya
22		411519106013	K.Kartheek Varma		24	24	24	8	80	
23		411519106302	G.Mathesh		20	22	22	7	73	
24	9	411519106027	S.Velan	An Android based Portable Smart Cane for visually impaired people	21	21	21	7	70	Mrs.S.Dhivya Bharathi
25		411519106028	R.Vinothkumar		25	25	25	8	82	
26		411519106301	V.Arun Prasath		21	21	21	7	70	
27	10	411519106003	S Chandru	Accident Detection and Alert System	25	22	22	7	74	Dr.M.Durairaj
28		411519106016	K.Mugilan		20	20	20	7	65	
29		411519106022	Sasikumar S		20	20	20	7	65	


20/5/23
PROJECT CO-ORDINATOR


REVIEWER 1


HOD / ECE


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : IV / VIII

EC8811 - PROJECT WORK

THIRD REVIEW

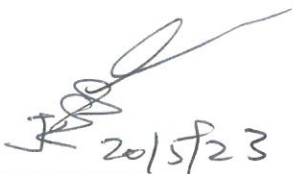
REVIEWER - 2

DATE : 11.05.2023

S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
1	1	411519106002	P.Bagavath	Object Deduction using OpenCV and Arduino	23	23	23	8	75	Ms.B.Kaleeshwari
2		411519106011	E.S.Kaviya		27	25	26	9	87	
3		411519106023	Shajithabarveen.S		26	26	26	9	88	
4	2	411519106015	P.Merlin	Accident Detection and Theft Control using IoT	26	27	25	9	86	Ms.M.Renuga
5		411519106019	V.Ravikumar		20	22	22	7	72	
6		411519106026	C R.Swarnaa		26	26	26	9	85	
7	3	411519106006	T.Goldafaith	A Dual-Band MIMO Dielectric Resonator Antenna for WiMAX/WLAN Applications	28	28	28	9	92	Mr.L.Saravanan
8		411519106012	R. Keerthi		27	27	27	9	90	
9		411519106020	V.Sangeetha		27	27	27	9	91	
10	4	411519106004	D.kodanda rami reddy	Revolutionary Monitoring and Automation of Aquaponics for Aqua Life Saving	20	23	23	8	75	Dr.M.Durairaj
11		411519106021	S.Deepak Sarvepalli		23	23	23	8	76	
12		411519106304	Viswanath.E		25	25	25	8	83	
13	5	411519106017	M.A.Prakruthi	A Novel on AI Based Approach for Diabetic Retinopathy Detection using Retinal Images	29	29	29	10	97	Ms.M.Renuga
14	6	411519106005	V. Dinesh	Smart Phone operated Multipurpose Agricultural Robot	26	26	26	9	85	Dr.G.Charulatha
15		411519106009	M.Karthickkumar		25	25	25	8	83	
16		411519106010	M.Kavipriya		26	26	26	9	86	
17		411519106024	D.Shalini		26	26	26	9	85	

18	7	411519106001	S. Akash	Doctors Assitive System using Augmented Reality for Critical Analysis	27	27	27	9	90	Dr.M.Ramkumar Prabhu
19		411519106018	T.PraveenRaj		26	26	26	9	86	
20		411519106025	S.Snega		27	27	27	9	90	
21	8	411519106007	R.Harish	IoT Based Electric Vehicle Battery Management System	25	25	25	8	82	Ms.K.LakshmiPriya
22		411519106013	K.Kartheek Varma		24	24	24	8	80	
23		411519106302	G.Mathesh		20	22	22	7	73	
24	9	411519106027	S.Velan	An Android based Portable Smart Cane for visually impaired people	21	21	21	7	70	Mrs.S.Dhivya Bharathi
25		411519106028	R.Vinothkumar		25	25	25	8	82	
26		411519106301	V.Arun Prasath		21	21	21	7	70	
27	10	411519106003	S Chandru	Accident Detection and Alert System	25	22	22	7	74	Dr.M.Durairaj
28		411519106016	K.Mugilan		20	20	20	7	65	
29		411519106022	Sasikumar S		20	20	20	7	65	


20/5/23
PROJECT CO-ORDINATOR


20/5/23
REVIEWER 2


HOD / ECE


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY

Mannivakkam – 600 048

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

CIRCULAR

02.05.2023

The department of ECE has constituted a Mini Project panel to carry out Final review for II and III years. The Panel will be headed by **Dr.G.Charulatha** and **Dr.M.Durairaj**.

The students are enquired to come with complete preparation for the reviews. The panel members expectations from the students are,

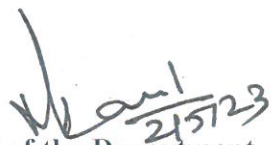
1. Project Presentation PPT
2. Project Report & Journal paper of the project
3. Demo of the Project
4. Equal participation of team members in presentation and answering queries.

The Third Review schedule is as follows:

S.No	Date	Year / Sem	Session	Timing of the session	Venue	Batch Number
1	12.05.2023	II / IV	Forenoon	9.15am to 12.30pm	Class	Batch 01- 08
			Afternoon	12.45pm to 3.40pm	Room	Batch 09 - 15
1	13.05.2023	III / VI	Forenoon	9.15am to 12.30pm	Class	Batch 01- 06
			Afternoon	12.45pm to 3.40pm	Room	Batch 07 - 12

Instructions to the Students:

1. All the students should attend for the Project review at 09.15am sharp without fail.
2. The presence of the respective guides is mandatory.


Head of the Department

**Circulate among the Students of II & III years.

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : II / IV

MINI PROJECT WORK

THIRD REVIEW

DATE : 12.05.2023

REVIEWER - 1

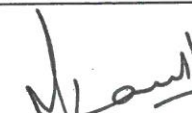
S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
1	1	411521106010	AVINASH S.	Motion Sensing App Development	26	26	26	9	85	Dr.M.Durairaj
2		411521106017	GOPAL E.		26	26	26	9	87	
3		411521106019	HEMANATHAN S		26	26	26	9	85	
4		411521106053	SUDHAN M		24	24	24	8	80	
5	2	411521106006	ARAVIND V	Ultrasonic Security System	26	26	26	9	85	Ms.M.Renuga
6		411521106015	DIWAKAR J		25	25	25	8	83	
7		411521106024	KAMALESH S		26	26	26	9	86	
8		411521106044	PUGAZHENDHI V		27	27	27	9	89	
9	3	411521106037	NAVIN RAJ KUMAR S	Wireless Power Transfer System	28	28	28	9	92	Dr.G.Charulatha
10		411521106039	NETHAJI R		26	26	26	9	88	
11		411521106045	RAGUL S.		26	26	26	9	85	
12		411521106059	THIRUPATHY G		27	27	27	9	90	
13	4	411521106031	MINNALA P.	Music Rytham,LED Flash light	28	28	28	9	92	Mrs.S.Dhivya Bharathi
14		411521106030	MALINI S		28	28	28	9	94	
15		411521106034	MONISHA A		29	29	29	10	95	
16		411521106061	VIMALA P		27	27	27	9	90	
17	5	411521106001	AISHWARYA I	Power Efficiency Mini Inverter	28	28	28	9	92	Ms.B.Kalceswari
18		411521106027	LALITHA V		27	27	27	9	90	
19		411521106029	MALIN S.		27	27	27	9	90	
20		411521106501	SNEKA C		28	28	28	9	92	

21	6	411521106005	ANEES FATHIMA M.	OTP Based Smart Wireless Locking System	26	26	26	9	88	Ms.K.Lakshmi Priya
22		411521106020	INDHUJA A		27	27	27	9	90	
23		411521106021	INDHUMATHI N		27	27	27	9	90	
24		411521106035	MONISHA E		28	28	28	9	93	
25	7	411521106041	NOORUL FAMITHA A	Real Time Fire Detection system through surveillance camera using Deep Learning Techniques	28	28	28	9	93	Dr.G.Charulatha
26		411521106046	RAMYA U		27	27	27	9	90	
27		411521106056	SWETHA R.		27	27	27	9	90	
28		411521106060	VIJAYA SRI Y.		27	27	27	9	90	
29	8	411521106022	ISHWARYA M	Tesla Coil	28	28	28	9	92	Mrs.S.Dhivya Bharathi
30		411521106036	NARMATHA M		26	26	26	9	88	
31		411521106047	RESHMI S		26	26	26	9	85	
32		411521106048	SAKTHI S		27	27	27	9	90	
33	9	411521106013	BOOMIKA N.	Burglar Alarm	27	27	27	9	91	Ms.B.Kaleeswari
34		411521106023	KALAIMATHI P.		26	26	26	9	88	
35		411521106055	SUJITHA S		27	27	27	9	89	
36		411521106057	SWETHA T.		27	27	27	9	90	
37	10	411521106002	AJAY V	Updated IR Sensor	28	28	28	9	92	Mr.L.Saravanan
38		411521106004	AKASH V.		27	27	27	9	91	
39		411521106009	ASHUTOSH KUMAR H.		28	28	28	9	93	
40		411521106014	DIVYA DARSHAN S.		28	28	28	9	94	
41	11	411521106007	ARAVINDHAN V	Cell Phone Detector	26	26	26	9	87	Ms.K.Lakshmi Priya
42		411521106012	BHAVAN S.D		26	26	26	9	88	
43		411521106025	KANAGAVEL M		26	26	26	9	87	
44		411521106051	SHARUK E		26	26	26	9	88	

45	12	411521106026	KANDHAVEL L	Gas Detector using Arduino with SMS alert system	26	26	26	9	85	Dr.M.Durairaj
46		411521106038	NEHEMYA V		26	26	26	9	85	
47		411521106042	PRATHAP K		26	26	26	9	85	
48		411521106052	SILAMBARASAN S.		26	26	26	9	85	
49	13	411521106011	BALAJI M.	AM - FM Radio	26	26	26	9	87	Mr.K.S.Senthil Kumar
50		411521106016	GANESH K.		26	26	26	9	88	
51		411521106302	LOKESH KUMAR R		26	26	26	9	87	
52	14	411521106008	ARUN R	Web Development	26	26	26	9	85	Mr.L.Saravanan
53		411521106033	MOHAMMED KHALITH R		26	26	26	9	85	
54		411521106054	SUDHARSHAN K.		26	26	26	9	85	
55		411521106062	VINOTH BHARATHI K		26	26	26	9	85	
56	15	411521106003	AKASH T.	Accident Detection and Alert System	26	26	26	9	85	Ms.M.Renuga
57		411521106018	HARISH BABU H.		28	28	28	9	92	
58		411521106028	LOGAPRÁSATH P.S		26	26	26	9	86	
59		411521106032	MOHAMED HAFEEZ H.		26	26	26	9	87	


PROJECT CO-ORDINATOR


REVIEWER 1


HOD / ECE



Dr. R. PALSON KENNEDY, M.E., Ph.D.
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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : II / IV

MINI PROJECT WORK

THIRD REVIEW

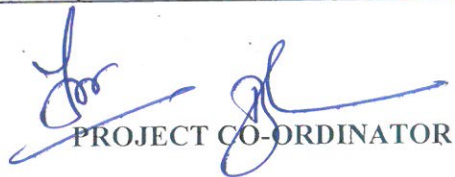
REVIEWER - 2

DATE : 12.05.2023


S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
1	1	411521106010	AVINASH S.	Motion Sensing App Development	26	26	26	9	87	Dr.M.Durairaj
2		411521106017	GOPAL E.		26	26	26	9	85	
3		411521106019	HEMANATHAN S		24	24	24	8	80	
4		411521106053	SUDHAN M		22	22	22	7	74	
5	2	411521106006	ARAVIND V	Ultrasonic Security System	26	26	26	9	88	Ms.M.Renuga
6		411521106015	DIWAKAR J		26	26	26	9	85	
7		411521106024	KAMALESH S		25	25	25	8	83	
8		411521106044	PUGAZHENDHI V		26	26	26	9	86	
9	3	411521106037	NAVIN RAJ KUMAR S	Wireless Power Transfer System	28	28	28	9	94	Dr.G.Charulatha
10		411521106039	NETHAJI R		27	27	27	9	91	
11		411521106045	RAGUL S.		26	26	26	9	88	
12		411521106059	THIRUPATHY G		28	28	28	9	92	
13	4	411521106031	MINNALA P.	Music Rytham LED Flash light	28	28	28	9	92	Mrs.S.Dhivya Bharathi
14		411521106030	MALINI S		28	28	28	9	94	
15		411521106034	MONISHA A		29	29	29	10	95	
16		411521106061	VIMALA P		27	27	27	9	90	
17	5	411521106001	AISHWARYA I	Power Efficiency Mini Inverter	28	28	28	9	92	Ms.B.Kaleeswari
18		411521106027	LALITHA V		27	27	27	9	90	
19		411521106029	MALIN S.		27	27	27	9	90	
20		411521106501	SNEKA C		28	28	28	9	92	

21	6	411521106005	ANEES FATHIMA M.	OTP Based Smart Wireless Locking System	26	26	26	9	88	Ms.K.Lakshmi Priya
22		411521106020	INDHUJA A		27	27	27	9	90	
23		411521106021	INDHUMATHI N		27	27	27	9	90	
24		411521106035	MONISHA E		28	28	28	9	93	
25	7	411521106041	NOORUL FAMITHA A	Real Time Fire Detection system through surveillance camera using Deep Learning Techniques	28	28	28	9	93	Dr.G.Charulatha
26		411521106046	RAMYA U		27	27	27	9	90	
27		411521106056	SWETHA R.		27	27	27	9	90	
28		411521106060	VIJAYA SRI Y.		27	27	27	9	90	
29	8	411521106022	ISHWARYA M	Tesla Coil	28	28	28	9	92	Mrs.S.Dhivya Bharathi
30		411521106036	NARMATHA M		26	26	26	9	88	
31		411521106047	RESHMI S		26	26	26	9	85	
32		411521106048	SAKTHI S		27	27	27	9	90	
33	9	411521106013	BOOMIKA N.	Burglar Alarm	27	27	27	9	91	Ms.B.Kaleeswari
34		411521106023	KALAIMATHI P.		26	26	26	9	88	
35		411521106055	SUJITHA S		27	27	27	9	89	
36		411521106057	SWETHA T.		27	27	27	9	90	
37	10	411521106002	AJAY V	Updated IR Sensor	28	28	28	9	92	Mr.L.Saravanan
38		411521106004	AKASH V.		27	27	27	9	91	
39		411521106009	ASHUTOSH KUMAR H.		28	28	28	9	93	
40		411521106014	DIVYA DARSHAN S.		28	28	28	9	94	

41	11	411521106007	ARAVINDHAN V	Cell Phone Detector	26	26	26	9	87	Ms.K.Lakshmi Priya
42		411521106012	BHAVAN S.D		26	26	26	9	88	
43		411521106025	KANAGAVEL M		26	26	26	9	87	
44		411521106051	SHARUK E		26	26	26	9	88	
45	12	411521106026	KANDHAVEL L	Gas Detector using Arduino with SMS alert system	26	26	26	9	85	Dr.M.Durairaj
46		411521106038	NEHEMYA V		26	26	26	9	85	
47		411521106042	PRATHAP K		26	26	26	9	85	
48		411521106052	SILAMBARASAN S.		26	26	26	9	85	
49	13	411521106011	BALAJI M.	AM - FM Radio	27	27	27	9	90	Mr.K.S.Senthil Kumar
50		411521106016	GANESH K.		26	26	26	9	88	
51		411521106302	LOKESH KUMAR R		27	27	27	9	90	
52	14	411521106008	ARUN R	Web Development	26	26	26	9	85	Mr.L.Saravanan
53		411521106033	MOHAMMED KHALITH R		26	26	26	9	85	
54		411521106054	SUDHARSHAN K		26	26	26	9	85	
55		411521106062	VINOTH BHARATHI K		26	26	26	9	85	
56	15	411521106003	AKASH T.	Accident Detection and Alert System	26	26	26	9	85	Ms.M.Renuga
57		411521106018	HARISH BABU H.		28	28	28	9	94	
58		411521106028	LOGAPRASATH P.S		26	26	26	9	86	
59		411521106032	MOHAMED HAFEEZ H.		26	26	26	9	87	


PROJECT CO-ORDINATOR


REVIEWER 2


HOD / ECE



Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : III / VI

MINI PROJECT WORK

THIRD REVIEW

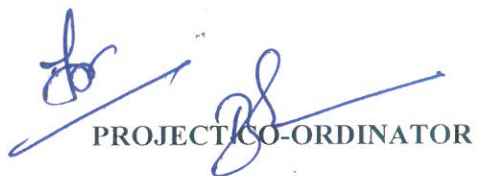
REVIEWER - 1

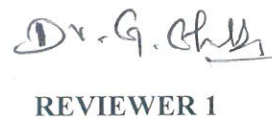
DATE : 13.05.2023

S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
1	1.	411520106008	Chandana Priya R H	Third Eye for blind using Ultrasonic Sensor	28	28	28	9	92	Dr.M.Durairaj
2		411520106009	Charumathi		27	27	27	9	91	
3		411520106010	Devarapalli Vasanthi		27	27	27	9	90	
4		411520106046	U.Umameshwari		28	28	28	9	92	
5	2	411520106030	Nidheesh Raj	Home Automation using IOT	27	27	27	9	90	Ms.K.Lakshmi Priya
6		411520106032	Pradeep Kumar.A		28	28	28	9	92	
7		411520106039	Siva Prakash.S		27	27	27	9	90	
8		411520106304	Sanjay R		27	27	27	9	90	
9	3	411520106007	Balakrishnan V	Automatic Street Light Control system using LDR	28	28	28	9	92	Dr.G.Charulatha
10		411520106017	Gowtham S		29	29	29	10	96	
11		411520106019	Indujaa R		28	28	28	9	93	
12		411520106037	Shalini		27	27	27	9	90	
13	4	411520106011	Dhamodharan.K	Automatic Grass Cutting Robot using Arduino	28	28	28	9	92	Ms.K.Lakshmi Priya
14		411520106029	Naveen P		28	28	28	9	94	
15		411520106305	A.Saravana Kumar		29	29	29	10	95	
16		411520106308	Vignesh P		27	27	27	9	90	
17	5	411520106001	Abinaya M	Cell Phone Detector	28	28	28	9	92	Ms.M.Renuga
18		411520106004	Arunraj R		27	27	27	9	90	
19		411520106026	Kaviya		27	27	27	9	90	
20		411520106043	Thatchayani		28	28	28	9	92	

21	6	411520106005	Ashwin B	Smart Dustbin using Arudino	26	26	26	9	88	Dr.M.Durairaj
22		411520106023	Jayasakthi		27	27	27	9	90	
23		411520106027	Manikandan A		27	27	27	9	90	
24		411520106047	Uppili		28	28	28	9	93	
25	7	411520106018	Harish Balaji kannan .S	Human Safety Patrol Robot	28	28	28	9	93	Mr.L.Saravanan
26		411520106034	Sabarinathan.V		27	27	27	9	90	
27		411520106041	Srinivasan		27	27	27	9	90	
28		411520106301	Boopalan		27	27	27	9	90	
29	8	411520106024	Kaka.Mahesh Babu	Smoke Detector	28	28	28	9	92	Mrs.S.Dhivya Bharathi
30		411520106048	Vadlamani Dinesh		26	26	26	9	88	
31		411520106307	Swetha		26	26	26	9	85	
32		411520106049	Vidhya		27	27	27	9	90	
33	9	411520106020	Janaki	Blind walking stick using Arduino & Ultrasonic Sensor HC-SR04	27	27	27	9	91	Mrs.S.Dhivya Bharathi
34		411520106036	Sarmitha		26	26	26	9	88	
35		411520106042	Susmitha		27	27	27	9	89	
36		411520106035	Sanmugapriya.R		27	27	27	9	90	

37	10	411520106002	Aravinth Sankar	Mobile signal Booster	28	28	28	9	92	Ms.B.Kaleeswari
38		411520106006	Balaji S		27	27	27	9	91	
39		411520106012	Diviesh N		28	28	28	9	93	
40		411520106044	Thavasiram.C		28	28	28	9	94	
41	11	411520106003	Arulmani	Sun Tracking Solar Panel	26	26	26	9	87	Ms.M.Renuga
42		411520106015	Gomathi.N		26	26	26	9	88	
43		411520106016	Gothala Vikash G		26	26	26	9	87	
44		411520106045	Tholkappiyan.B		26	26	26	9	88	
45	12	411520106021	Jayakumar. M	Accident reduce Bike using simple braking system	26	26	26	9	85	Mr.K.S.Senthil Kumar
46		411520106025	Karthik N		26	26	26	9	85	
47		411520106031	Pradeep.R		26	26	26	9	85	
48		411520106033	Prathaba Ruthiran. R		26	26	26	9	85	


PROJECT CO-ORDINATOR


REVIEWER 1


HOD / ECE


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
 ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)

YEAR / SEMESTER : III / VI

MINI PROJECT WORK

THIRD REVIEW

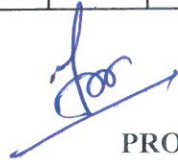
REVIEWER - 2

DATE : 13.05.2023


S.No	BATCH NO	STUDENT REGISTER NUMBER	STUDENT NAME	PROJECT TITLE	Final Presentation (30)	Project Outcome (30)	Project Report (30)	Viva (10)	Total (100)	NAME OF THE SUPERVISOR
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5	2	411520106030	Nidheesh Raj	Home Automation using IOT	27	27	27	9	90	Ms.K.Lakshmi Priya
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7		411520106039	Siva Prakash.S		28	28	28	9	92	
8		411520106304	Sanjay R		27	27	27	9	90	
9	3	411520106007	Balakrishnar V	Automatic Street Light Control system using LDR	28	28	28	9	92	Dr.G.Charulatha
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13	4	411520106011	Dhamodharan.K	Automatic Grass Cutting Robot using Arduino	28	28	28	9	93	Ms.K.Lakshmi Priya
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16		411520106308	Vignesh P		27	27	27	9	90	
17	5	411520106001	Abinaya M	Cell Phone Detector	28	28	28	9	92	Ms.M.Renuga
18		411520106004	Arunraj R		26	26	26	9	88	
19		411520106026	Kaviya		27	27	27	9	90	
20		411520106043	Thatchayani		28	28	28	9	92	

21	6	411520106005	Ashwin B	Smart Dustbin using Arudino	26	26	26	9	88	Dr.M.Durairaj
22		411520106023	Jayasakthi		27	27	27	9	90	
23		411520106027	Manikandan A		27	27	27	9	90	
24		411520106047	Uppili		28	28	28	9	93	
25	7	411520106018	Harish Balaji kannan .S	Human Safety Patrol Robot	28	28	28	9	93	Mr.L.Saravanan
26		411520106034	Sabarinathan.V		27	27	27	9	91	
27		411520106041	Srinivasan		27	27	27	9	90	
28		411520106301	Boopalan		26	26	26	9	88	
29	8	411520106024	Kaka.Mahesh Babu	Smoke Detector	28	28	28	9	92	Mrs.S.Dhivya Bharathi
30		411520106048	Vadlamani Dinesh		26	26	26	9	88	
31		411520106307	Swetha		26	26	26	9	85	
32		411520106049	Vidhya		27	27	27	9	90	
33	9	411520106020	Janaki	Blind walking stick using Arduino & Ultrasonic Sensor HC-SR04	27	27	27	9	91	Mrs.S.Dhivya Bharathi
34		411520106036	Sarmitha		26	26	26	9	88	
35		411520106042	Susmitha		27	27	27	9	89	
36		411520106035	Sanmugapriya.R		27	27	27	9	90	

37	10	411520106002	Aravinth Sankar	Mobile signal Booster	28	28	28	9	92	Ms.B.Kaleeswari
38		411520106006	Balaji S		27	27	27	9	91	
39		411520106012	Diviesh N		28	28	28	9	93	
40		411520106044	Thavasiram.C		28	28	28	9	94	
41	11	411520106003	Arulmani	Sun Tracking Solar Panel	26	26	26	9	87	Ms.M.Renuga
42		411520106015	Gomathi.N		26	26	26	9	88	
43		411520106016	Gothala Vikash G		26	26	26	9	87	
44		411520106045	Tholkappiyan.B		26	26	26	9	88	
45	12	411520106021	Jayakumar. M	Accident reduce Bike using simple braking system	26	26	26	9	85	Mr.K.S.Senthil Kumar
46		411520106025	Karthik N		26	26	26	9	85	
47		411520106031	Pradeep.R		26	26	26	9	85	
48		411520106033	Prathaba Ruthiran. R		26	26	26	9	85	


PROJECT CO-ORDINATOR


REVIEWER 2


HOD / ECE


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Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Letter No: PERIIT/EEE/2022-2023/PR/009

12/04/2023

Circular

The Department of Electrical and Electronics Engineering is going to conduct a Final review for Third year EEE students in BT6 at 2 p.m. All the staff members of EEE are requested to attend the review. The students are informed to submit the following documents.

Final Review:

Date: 20.04.2023

Documents to be Submit:

- Final presentation
- Project outcome
- Project Report
- Viva


Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048.

*P-4
12-4-23*
PROJECT COORDINATOR


HOD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Academic Year 2022 - 2023 (Even Semester)
EE8611 Mini Project
Final Review: 20.04.2023
YEAR/SEM-III/VI

Batch No	Register Number	Name	Guide Name	Title	Attendance	Final Presentation (30)			Project Outcome (30)			Project Report (30)			Viva (10)			Internal Mark (100)
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	
1	411520105001	R.L. Arunachalam	MS S.I. Sreedevi	Solar panel cleaning using wiper with digital timer	P	29	29	29	29	29	29	29	29	29	29	29	29	96
	411520105003	S.Chandru			P	28	28	28	27	28	28	27	28	28	9	8	8	92
	411520105324	Sarvesh S			P	28	28	28	27	28	28	27	28	28	9	8	8	92
	411520105312	S.Jayanthan			P	28	28	28	29	28	28	29	28	28	6	7	7	91
2	411520105012	R.Rajkumar	Mr R. Tamilamuthan	SWB-Powered emergency mobile charger	P	28	28	28	29	28	28	30	30	30	9	9	9	95
	411520105009	C.Pavithra			P	29	29	29	29	29	29	29	29	29	9	9	9	96
	411520105327	Sridharan P			P	25	25	25	26	26	26	30	30	30	7	7	7	88
	411520105013	S.Ramya			P	28	29	28	29	28	29	29	29	28	9	9	9	95
3	411520105309	P.Harish	Dr J.Raji	Intelligent water level monitoring system	P	29	28	29	29	28	28	29	29	29	9	9	9	95
	411520105334	P. Velu			P	28	29	28	29	28	28	29	29	29	9	9	9	95
	411520105311	P.Jancy Reena			P	28	28	28	27	27	27	28	28	28	6	7	7	90
	411520105010	A.Poovarasan			P	28	28	28	27	27	27	28	28	28	6	7	7	90
4	411520105006	V.Keerthana	Mr Antony Charless	Steamlined Home automation of Internet	P	28	28	28	27	27	27	28	28	28	8	8	8	91
	411520105315	P.Mariyakalai			P	28	28	28	27	27	27	28	28	28	6	7	7	90
	411520105302	S.Anuramburathi			P	28	28	28	27	27	27	28	28	28	6	7	7	90
	411520105008	A.Nitheesh			P	29	29	29	29	29	29	29	29	29	9	9	9	96
5	411520105016	Srikanth G	Dr P Yamunaa	Mobile Phone Detector using Polarized Capacitor	P	26	26	26	29	29	29	29	29	29	8	8	8	92
	411520105316	R.Mohan			P	27	27	27	29	29	29	29	29	29	5	5	5	90
	411520105332	M. Thomas Richard			P	29	29	29	29	29	29	29	29	29	9	9	9	96
	411520105319	S.Nivetha			P	29	29	29	29	29	29	29	29	29	9	9	9	96
6	411520105331	M.Thirsha	Ms Vjavalabshnu	Transformers monitoring using arduino	P	29	29	29	29	29	29	29	29	29	9	9	9	96
	411520105313	M.Kavikumar			P	29	29	29	29	29	29	29	29	29	9	9	9	96
	411520105333	Varshini R			P	25	25	25	26	26	26	30	30	30	6	6	6	87
	411520105301	B.Abishek samuel			P	25	25	25	26	26	26	30	30	30	6	6	6	87
7	411520105017	Vigneshwaran G	Mr R. Tamilamuthan	PV Panel based Interleaved Converter for Electric Vehicle	P	25	25	25	26	26	26	27	28	30	6	6	6	85
	411520105323	Rajesh S			P	25	25	25	26	26	26	30	30	30	6	6	6	87
	411520105307	Gokul S			P	25	25	25	26	26	26	30	30	30	6	6	6	87
	411520105310	R.Harish			P	28	28	28	28	28	28	29	28	30	7	7	7	92
8	411520105007	R.Krishnakumar	Dr Suresh	Implementation of energy Efficient smart street light management system for smart city	P	25	25	25	26	26	26	28	28	28	6	6	6	85
	411520105330	Suresh M			P	25	25	25	26	26	26	28	28	28	5	5	5	84
	411520105314	Kingslin A			P	25	25	25	26	26	26	30	30	30	7	7	7	88
	411520105014	E.Saravanan			P	28	28	28	27	27	27	28	28	28	8	8	8	91
9	411520105004	K.Janarathanan	Dr P Yamunaa	Animal Train Accident Detection Using Ultrasonic sensor in Railway Signal	P	28	28	28	27	27	27	28	28	28	6	7	7	90
	411520105335	Venkatesan M			P	29	29	29	29	29	29	29	29	29	9	9	9	96
	411520105015	Sivaramakrishnan R			P	27	27	27	26	27	28	29	29	29	9	9	9	92
	411520105018	M.Yuvashree			P	29	29	29	29	29	29	29	29	29	9	9	9	96
10	411520105000	Jayanth	MS S.I. Sreedevi	Smart Footstep power Generation	P	29	29	29	29	29	29	29	29	29	29	29	29	96
	411520105011	A. Praveenkumar			P	29	29	29	29	29	29	29	29	29	29	29	29	29

INT	Name	Signature
INT-1	MS S.I. Sreedevi	
INT-2	Dr P Yamunaa	
INT-3	Dr Raji	

Project Coordinator

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.

HOD/EEE
20/4/2023

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Letter No: PERIIT/EEE/2022-2023/PR/008

15/04/2023

Circular

The Department of Electrical and Electronics Engineering is going to conduct a Final review for Final year EEE students in BT6 at 2 p.m. All the staff members of EEE are requested to attend the review. The students are informed to submit the following documents.

Final Review:

Date: 21.04.2023

Documents to be Submit:

- Final presentation
- Project outcome
- Project Report
- Viva





Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.

P. V.
15-4-23
PROJECT COORDINATOR


HOD/EEE

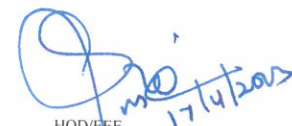
PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Academic Year 2022 - 2023 (Even Semester)
EES811 Main Project
Final Review: 17.04.2023
YEAR/SEM: IV/VIII

Batch No	Register Number	Name	Guide Name	Title	Attendance	Final Presentation (30)			Project Outcome (30)			Project Report (30)			Viva (10)			Internal Mark (100)
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	
1	411519105001	Abimanyu s	Dr.P.Yamunaa	Quasi switching Buck-Boost converter for DC Transmission Line	P	28	28	28	27	28	28	27	28	28	7	8	8	91
2	411519105006	Hariharaan R			P	28	28	28	27	28	28	27	28	28	9	8	8	92
3	411519105301	Dinesh kumar. v			P	28	28	28	29	28	28	29	28	28	8	9	9	93
4	411519105003	S. Balaji	Ms.S.L. Sreedevi	E-boat Using Solar With Dual Axial Solar Tracker	P	30	30	30	30	30	30	30	30	30	9	9	9	99
5	411519105005	ponnarasi k			P	30	30	30	30	30	30	30	30	30	9	9	9	99
6	411519105303	Prakash v			P	30	30	30	30	30	30	30	30	30	8	8	9	98
7	411519105002	Durairaj	Dr.T.N.Suresh	Optimal RNN control of STATCOM for efficient hybrid renewable power system with battery	P	28	27	28	29	28	28	29	28	28	8	8	8	92
8	411519105009	Archana			P	28	27	28	29	28	28	29	28	28	8	8	9	93
9	411519105008	Savitha			P	28	27	28	29	28	28	29	28	28	9	8	8	93
10	411519105010	Surya P	Mr.R.Tamilamuthan	High efficient multiple energy storage smart cycle	P	29	29	29	29	29	29	29	29	29	9	9	9	96
11	411519105011	Vinoth Kumar. M			P	29	29	29	29	29	29	29	29	29	8	8	9	95
12	411519105007	Iyyapan			P	29	29	29	29	29	29	29	29	29	9	9	9	96

INT	Name	Signature
INT-1	Ms.S.L. Sreedevi	
INT-2	Dr.T.N.Suresh	
INT-3	DR.P.Yamunaa	


Project Coordinator


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.


HOD/EEE
17/4/2023

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

Letter No: PERIIT/EEE/2022-2023/PR/012

29/12/2022

Circular

The Department of Electrical and Electronics Engineering is going to conduct Final review for Second year EEE students in BT6 at 2 p.m. All the staff members of EEE are requested to attend the review. The students are informed to submit the following documents.

Final Review:

Date:09.01.2023

Documents to be Submit:

- ❖ Project Report
- ❖ AU Viva PPT
- ❖ Working Model or Simulation submission

P.Y.
29.12.22
PROJECT COORDINATOR

29/12/2022
NOD/EEE

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING
Academic Year 2022 - 2023 (Odd Semester)
Mini Project
Final Review: 09.01.2023
YEAR/SEM:II/III

Batch No	Register Number	Name	Guide Name	Title		Block Diagram ,Circuit Diagram, Explanation (35)			Project Hardware & Simulation(30)			Presentation (35)			Internal Mark (100)	
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	AVERAGE	
1	411521105001	Ashish J	Mr Antony	Speed control Based BLDC Motor Using ANFIS	P	30	32	32	28	28	28	32	30	33	91	
	411521105021	Shasidharan K			P	32	30	33	29	28	28	28	32	32	30	90
	411521105022	Sivaraj R			P	20	21	21	25	28	25	25	26	32	32	74
	411521105307	Kannan R			P	15	15	15	20	20	20	22	23	22	22	57
	411521105313	Sandhanakrishanan			P	30	32	32	28	28	28	32	30	33	33	91
2	411521105308	Nagarjun	Dr G Irin Loretta	Dual Axis Solar Tracking With Weather Sensor Solar	P	32	30	33	25	28	28	28	32	30	89	
	411521105002	Bubesh S			P	28	32	30	29	28	28	30	32	32	90	
	411521105008	Keerthika V			P	28	32	30	29	28	28	30	32	32	90	
	411521105016	Priya Lakshmi A			P	30	32	32	28	28	28	28	32	30	89	
	411521105305	Kamaraj			P	30	32	32	29	28	28	30	32	32	91	
3	411521105302	Gokul	MS SL. Sreedevi	Solar Power purification in UV Lights Filter	P	32	30	33	28	28	28	32	30	33	91	
	411521105312	Rupesh			P	28	32	30	25	28	28	30	32	30	88	
	411521105006	Kamalavendhan S			P	30	32	32	28	28	28	30	32	32	91	
	411521105015	Pothigachalam U			P	28	32	30	28	28	28	28	32	30	88	
	411521105017	Priyanka M			P	30	32	32	29	28	28	30	32	32	91	
4	411521105025	Vinayaga Moorthy M	MR R Tamilmuthan	E-bike using wind energy	411521105025	P	30	32	32	25	28	28	30	32	90	
	411521105304	Jai Sankar			P	28	32	30	29	28	28	28	32	30	88	
	411521105306	Karthik Priya Kumar			P	30	32	32	28	28	28	30	32	32	91	
	411521105011	Murali S			P	30	32	32	25	28	28	30	32	32	90	
	411521105013	Nisha B			P	32	32	28	27	27	27	28	25	30	85	
5	411521105018	Sabitha S	Dr P Yamunaa	Smart Dustbin	411521105018	P	30	32	32	28	28	28	30	32	91	
	411521105019	Samy K			P	30	32	32	29	28	28	28	32	30	90	
	411521105314	Sethuraman			P	30	32	32	28	28	28	30	32	32	91	
	411521105301	Balaji			P	32	30	33	25	28	28	32	30	33	90	
	411521105004	Divya R			P	30	32	32	28	28	28	30	32	32	91	
6	411521105009	Likhitha J	Dr Dinakar Raj	Fire Alarm using Remote control	411521105009	P	30	32	32	29	28	28	28	32	30	90
	411521105024	Varunraj G			P	30	32	32	28	28	28	30	32	32	91	
	411521105310	Rajesh R			P	32	30	33	25	28	28	32	30	33	90	
	411521105311	Rohit			P	30	32	32	28	28	28	30	32	32	91	
	411521105007	Kaviya M			P	30	32	32	29	28	28	28	32	30	90	
	411521105012	Nikitha N			411521105012	P	30	32	32	28	28	28	30	32	91	
	411521105023	Thivva S			P	32	30	33	25	28	28	32	30	33	90	
	411521105020	Saravanan K			P	30	32	32	29	28	28	28	32	30	90	
	411521105303	Ilayabharathi E			P	30	32	32	28	28	28	30	32	32	91	
	411521105309	Naveen			P	32	30	33	25	28	28	32	30	33	90	

Internals	Name	Signature
INT-1	MS SL. Sreedevi	
INT-2	Dr G Irin Loretta	
INT-3	Dr P Yamunaa	

P.Y
9-1-23
Project Coordinator

Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048

HOD/EE
10/1/2023

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING

Project Schedule

Zeroth Review:

Dates: - 06/02/2023

Documents to be Submit:

- ❖ Batch List
- ❖ Guide Name
- ❖ Project Title
- ❖ Description

First Review:

Dates: 20/02/2023

Documents to be Submit:

- ❖ Abstract
- ❖ Scope
- ❖ Literature Review
- ❖ Summary of literature Review
- ❖ Project Outcome
- ❖ Working Flowchart

Second Review:

Dates: 27/03/2023

Documents to be Submit:

- ❖ Methodology
- ❖ Data Collection
- ❖ Calculation
- ❖ Project progress
- ❖ CADD Drawings (if any)

Third Review:

Dates: 17/04/2023

Documents to be Submit:

- ❖ Detailed Calculation
- ❖ Results
 - a. Manual
 - b. Software
- ❖ Comparison (if any)
- ❖ Conclusion
- ❖ Reference

Model Review:

Dates: 28.04.2023

Documents to be Submit:

- ❖ Thesis
- ❖ AU Viva PPT

Note:

1. Internal Marks purely based on your Presentation Skill, Innovation of the project, Review marks & Questionnaires.
2. All the above documents should be submitted duly signed by Project Guide, Project Coordinator & Head of the Department.
3. All the batches are requested to being with their guide during Reviews.
4. Hard Copies of Project Report attested by Guide should be submitted to the Project incharges before the day of review. Incase failed to submit the document that batch will be treated as absent.

Project Coordinators: Ms.Lavanya.C


31/02/2023
HoD – Civil Engg

***** All the Best *****

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT WORK – BATCH DETAILS (2022-23)

Project Circular

Circular No: PERIIT/CIVIL/20-23/EVEN/001

Dated: 01.02.22

Dear students,

This is informed you that the Zeroth review for final year students will be Scheduled on 06.02.23 (Monday).

Documents to be Submit:


- ❖ Batch List
- ❖ Guide Name
- ❖ Project Title
- ❖ Description

Review Timing : 01.00 to 2.00 PM

Venue : BF 04

Note: Circular to all the staff members and Final year students.


Project Coordinator 02/2023


01/02/2023
HOD – CIVIL

PERI INSTITUTE OF TECHNOLOGY, CHENNAI
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT – BATCH DETAILS (2022-23)
ZEROTH REVIEW REPORT

Sl. No.	Batch	Register No.	Name of the Students	Guide Name	Title	Novelty (15)	Project work schedule (10)	Project Description (15)	Viva-Voce (10)	Total (50)
1	1	411519103001	F. Aarif Ahmed	Saranya. M	Experimental study on concrete with steel and basalt fibre	10	5	10	5	30
2		411519103002	Kesu Bhanu Chandra			10	5	10	5	30
3		411519103302	D. Vigneshwaran			10	5	10	5	30
4	2	411519103004	R. Ranjith	Manoj Kumar D	Experimental study on floating concrete using light weigh aggregate	10	5	10	6	31
5		411519103005	V. Sathish Kumar			10	5	10	6	31
6		411519103003	D. Gopi Anand			10	5	10	8	33
7	3	411519103006	M. Ushananthini	Pitchi Rajan M	Experimental study on Eco Friendly concrete pavement	10	5	10	8	33
8		411519103301	S. Malathi			10	5	10	8	33

Project Coordinator


 HoD- Civil Engg
 M. PITCHI RAJAN


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT WORK – BATCH DETAILS (2022-23)

Project Circular

Circular No: PERIIT/CIVIL/22-23/EVEN/003

Dated: 16.02.22

Dear students,

This is informed you that the First review for final year students will be Scheduled on 20.02.23 (Monday).

Documents to be Submit:

- ❖ Abstract
- ❖ Scope
- ❖ Literature Review
- ❖ Summary of literature Review
- ❖ Project Outcome
- ❖ Working Flowchart

Review Timing: 01.00 to 2.00 PM

Venue : BF 04

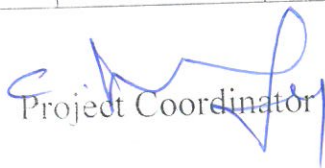
Note: Circular to all the staff members and Final year students.


Project Coordinator


HOD - CIVIL

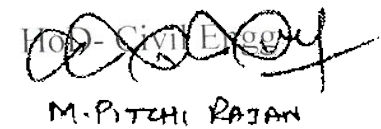
PERI INSTITUTE OF TECHNOLOGY, CHENNAI
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT – BATCH DETAILS (2022-23)
FIRST REVIEW REPORT

Batch	Register No.	Name of the Students	Title	Abstract, objective & scope of the project (20)	Review of literature (20)	Project targeted outcome (10)	Methodology flow chart (20)	Presentation & report (20)	Viva – voce (10)	Total (50)
1	411519103001	F. Aarif Ahmed	Experimental study on concrete with steel and basalt fibre	15	10	10	10	10	5	60
	411519103002	Kesu Bhanu Chandra		15	10	10	10	10	5	60
	411519103302	D. Vigneshwaran		15	10	10	10	10	5	60
2	411519103004	R. Ranjith	Experimental study on floating concrete using light weigh aggregate	15	10	10	10	10	6	61
	411519103005	V. Sathish Kumar		15	10	10	10	10	6	61
	411519103003	D. Gopi Anand		15	10	10	10	10	6	61
3	411519103006	M. Ushananthini	Experimental study on Eco Friendly concrete pavement	15	15	10	10	15	8	73
	411519103301	S. Malathi		15	15	10	10	15	8	73


Project Coordinator



Dr. R. PALSON KENNEDY, M.E., Ph.D.
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Mannivakkam, Chennai - 600 048


M. PITHI RAJAN

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT – BATCH DETAILS (2022-23)

Circular No: PERIIT/CIVIL/22-23/EVEN/004

Dated: 24.03.2023

Dear students,

This is informed you that the Second review for final year will be Scheduled on 27.03.23 (Friday).

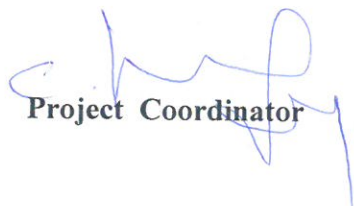
Documents to be Submit:

- ❖ Methodology
- ❖ Data Collection
- ❖ Calculation
- ❖ Project Progress
- ❖ CADD Drawing (if any)

Review Timing : 02.00 to 3.00 PM

Online Platform : BF 04

Note: Circular to all the staff members and Final years.


Project Coordinator


HOD CIVIL
M. PITCHAI RAJAN

PERI INSTITUTE OF TECHNOLOGY, CHENNAI
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT – BATCH DETAILS (2022-23)
SECOND REVIEW REPORT

Sl. No.	Batch	Register No.	Name of the Students	Guide Name	Title	Data Collection/Sample Collection/Field Survey (30)	Preliminary Test/Software Analysis/Drawings (30)	Presentation & Report (20)	Viva-Voce (20)	Total (100)
1	1	411519103001	F. Aarif Ahmed	Saranya. M	Experimental study on concrete with steel and basalt fibre	25	23	18	13	79
2		411519103002	Kesu Bhanu Chandra			25	23	18	12	78
3		411519103302	D. Vigneshwaran			25	23	18	10	76
4	2	411519103004	R. Ranjith	Manoj Kumar D	Experimental study on floating concrete using light weigh aggregate	23	24	18	13	78
5		411519103005	V. Sathish Kumar			23	24	18	12	77
6		411519103003	D. Gopi Anand			23	24	18	12	77
7	3	411519103006	M. Ushanthini	Pitchi Rajan M	Experimental study on Eco Friendly concrete pavement	24	25	18	15	80
8		411519103301	S. Malathi			24	25	18	15	80


Project Coordinator



Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048


HoD- Civil Engg
M. PITCHI RAJAN

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT WORK – BATCH DETAILS (2022-23)

Project Circular

Circular No: PERIIT/CIVIL/20-23/EVEN/005

Dated: 12.04.2023

Dear students,

This is informed you that the Third review for final year students will be Scheduled on 17.04.23 (Monday).

Documents to be Submit:

- ❖ Detailed calculation
- ❖ Results
 - a) Manual
 - b) Software
- ❖ Comparison (if any)
- ❖ Conclusion
- ❖ References

Review Timing : 01.00 to 2.00 PM

Venue : BF 02

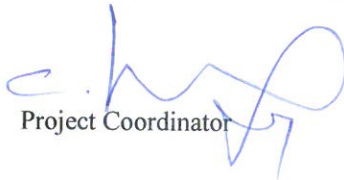
Note: Circular to all the staff members and Final year students.


Project Coordinator

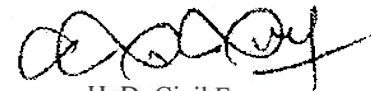

HOD – CIVIL

PERI INSTITUTE OF TECHNOLOGY, CHENNAI
DEPARTMENT OF CIVIL ENGINEERING
CE8811- PROJECT – BATCH DETAILS (2022-23)
THIRD REVIEW REPORT

Sl. No.	Batch	Register No.	Name of the Students	Guide Name	Title	Experimental Results and Discussion/ Manual Design (30)	Comparison of Targeted and Attained outcome (30)	Application and Future Scope of the Project (15)	Presentation & Report (15)	Viva-Voce (10)	Total (100)
1	1	411519103001	F. Aarif Ahmed	Saranya. M	Experimental study on concrete with steel and basalt fibre	25	23	13	13	5	79
2		411519103002	Kesu Bhanu Chandra			25	23	12	12	5	77
3		411519103302	D. Vigneshwaran			25	23	10	10	5	73
4	2	411519103004	R. Ranjith	Manoj Kumar D	Experimental study on floating concrete using light weigh aggregate	23	24	13	13	6	79
5		411519103005	V. Sathish Kumar			23	24	12	12	6	77
6		411519103003	D. Gopi Anand			23	24	12	12	6	77
7	3	411519103006	M. Ushananthini	Pitchi Rajan M	Experimental study on Eco Friendly concrete pavement	24	25	15	15	6	85
8		411519103301	S. Malathi			24	25	15	15	6	85


Project Coordinator


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.


 HoD- Civil Engg
M. PITCHI RAJAN

PERI INSTITUTE OF TECHNOLOGY, MANNIVAKKAM
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2022-2023 (EVEN SEMESTER)
FINAL YEAR MODEL REVIEW PROJECT CIRCULAR

Circular No: PERIIT/MECH/2022-2023/PR/020

19/04/2023


Dear students,

This is to inform you that the **Model review** for final year mechanical students is scheduled on **29/04/2023 (Saturday)** at **09.30 am**. The final year students are informed to submit the following documents.


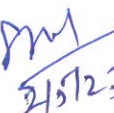
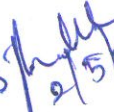
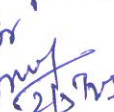

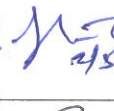
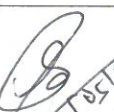
Documents to be Submit:





- ❖ Report
- ❖ Viva PPT





PROJECT COORDINATOR


HOD/MECH

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2022 - 2023 (EVEN SEMESTER)
MAIN PROJECT SECOND REVIEW 29-04-2023 - MODEL
YEAR/SEM:IV/VIII

Batch No	Register Number	Student Name	Guide Name	Project Title	Attendance	Description of Project and Technical details (20)			Results and Discussions (30)			Project report (20)			Presentation (15)			Vivo (15)			Mark (100)	Guide Signature
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	Average	
1	411519114302	R. AJAY MATHEW	Mr. ANILKUMAR	Thermo-mechanical behaviour of hybrid composites	P	19	20	20	27	28	29	20	18	19	15	14	12	14	15	12	94	
	411519114305	S NAGACHARAN			P	16	20	18	30	29	27	20	20	20	15	15	13	14	15	13	95	
	411519114308	B TAMILARASAN			P	16	17	19	27	30	30	20	19	20	15	15	14	14	12	12	93	
2	411519114015	G SABARI VASAN	Dr. R. M. SATHIYA MOORTHY	Design and analysis of novel power generator	P	19	20	19	29	27	27	19	18	18	12	13	14	12	13	13	91	
	411519114701	K JEGATHISH			P	19	20	16	29	29	28	20	18	20	13	15	14	14	13	13	94	
	411519114310	SHYAM KUMAR			P	18	16	18	27	27	28	18	17	20	13	12	15	15	13	13	90	
	411519114020	S SELVINRAJ			P	20	17	18	29	27	29	17	19	20	14	14	14	15	14	12	93	
3	411519114004	M. FAREED	Dr. PRATHIBAN	Analysis of glass and bagasse fiber composites	P	16	16	16	25	26	25	20	18	18	14	13	14	14	14	13	87	
	411519114301	S ABDUL RAJACQ			P	16	17	17	27	26	28	17	19	20	12	12	13	13	15	13	88	
	411519114303	L MATHAN			P	19	17	16	29	28	28	17	17	17	14	13	13	12	14	14	89	
4	411519114001	G. AJITH KUMAR	Mr. MADHAVAN	Thermal analysis of piston head using Ansys	P	19	16	18	30	29	29	19	17	17	15	12	14	14	15	14	93	
	411519114022	B SURYA NARAYANAN			P	16	19	20	28	29	27	18	20	17	15	14	13	13	15	15	93	
	411519114016	A SANDEESH KUMAR			P	17	17	17	28	30	27	18	18	20	15	15	14	15	12	12	92	
5	411519114011	S NEELAGANDAN	Mr. ANILKUMAR	Design and Analysis of Automotive wheel rim by Different Y spoke angle with Different materials	P	19	17	20	28	27	29	18	19	20	13	13	12	14	12	12	91	
	411519114006	R HARI KRISHNAN			P	18	16	20	30	30	27	18	18	19	15	12	14	15	14	14	93	
	411519114005	K. GANESH KUMAR			P	16	17	17	27	26	28	17	19	20	12	12	13	13	15	13	88	
6	411519114002	A. AKASH	Mr. DHILIP KUMAR	Convertible eccentric punching and hammering machine	P	16	17	17	27	26	28	17	19	20	13	12	13	13	15	13	89	
	411519114012	T PRADEEP RAJ			P	17	19	17	28	27	27	18	19	20	14	13	12	14	12	13	90	
	411519114018	V. SATHISH			P	18	19	20	27	27	29	20	20	17	14	12	15	13	14	15	93	
7	411519114010	M.T. NAVEEN	Mr. SIVAKUMAR	Wear and hardness test on haet treated AL 6061 and SIC alloy	P	17	18	18	27	29	29	19	18	17	15	13	12	14	12	14	91	
	411519114021	V. SIVAKUMAR			P	16	20	16	29	27	27	17	20	19	13	12	12	14	13	12	89	
	411519114019	K. SATHISH KUMAR			P	17	17	17	27	27	28	17	17	20	14	13	15	15	14	13	90	

8	411519114003	C ARUN	Dr. R. M. SATHIYA MOORTHY	Hydraulic Forklift	P	16	20	18	30	29	27	20	20	20	15	15	13	14	15	13	95	
	411519114009	S. MUGUNTHARAJ			P	20	19	17	30	30	30	17	19	20	12	12	12	13	13	14	93	
	411519114023	M THAHA MOHAMED			P	20	20	18	30	29	27	20	20	20	15	14	13	14	15	14	96	
9	411519114007	V MITHRAN	Mr. SOUNTHARARASU	Fire fighting robot	P	17	17	17	28	27	29	18	18	19	13	14	12	12	12	14	89	
	411519114013	A. RAJ			P	16	17	17	27	26	28	17	19	20	12	12	13	13	15	13	88	
	411519114309	R VALLARASU			P	19	17	18	28	29	30	20	19	19	13	15	15	13	13	12	93	
10	411519114306	P. SARAVANAKUMAR.	Dr.G.LOGANATHAN	Experimental investigation on biodiesel in internal combustion engine	P	16	17	17	27	26	28	17	19	20	12	12	13	13	15	13	88	
	411519114307	N. SUNIL.			P	16	16	16	25	26	25	20	18	18	14	13	14	14	14	13	87	
	411519114702	MALAYALAN			P	17	16	17	24	26	24	20	17	18	13	13	14	13	14	13	86	
11	411519114008	M. MOHAMMED RAZOOL	Mr. ANILKUMAR		A	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

Internals	Name	Signature
Internal-1	Mr. Anilkumar	
Internal-2	Dr. R. M. Sathiyamoorthy	
Internal-3	Mr.P. Dhilip kumar	


Project Coordinator


HOD MECH


Dr. R. PALSON KENNEDY, M.E., Ph.D.
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048

PERI INSTITUTE OF TECHNOLOGY, MANNIVAKKAM

DEPARTMENT OF MECHANICAL ENGINEERING

Third Year Model Review Project Circular

Circular No: PERIIT/MECH/2022-2023/PR/004

03/01/2023

Dear students,

This is to inform you that the **Model review** for third year Mechanical students is scheduled on **09/01/2023 (Monday)** at **9.30 am**. The third year students are informed to submit the following documents and prepare PPT.

Documents to be Submit:

- ❖ Project Report
- ❖ Viva PPT





PROJECT COORDINATOR


HOD/MECH

PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2022 - 2023 (ODD SEMESTER)
MINI PROJECT
MODEL REVIEW : 09.01.2023
YEAR/SEM:III/V

Batch No	Register Number	Student Name	Guide Name	Attendance	Title	Project Report (35)			PPT Presentation (30)			Model simulation/ Working Model			Mark (100)
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	AVG
1	411520114008	PUVIRASAN	Dr. R. M. SATHIYA MOORTHY	P	Experimental study of natural fiber reinforced epoxy composites	32	30	33	29	28	28	32	30	33	92
	411520114009	RAJESH G		P		30	32	32	29	28	28	30	33	33	92
2	411520114016	SUGADEV V	Mr. ANILKUMAR	P	Vertical Axis wind mill	30	32	31	25	27	26	30	32	32	88
	411520114012	SANTHOSH KUMAR R		P		31	32	30	28	28	28	30	32	32	90
	411520114013	SARANRAJ S		P		30	32	32	28	28	28	30	32	32	91
	411520114004	GOWTHAM K		P		30	32	32	25	28	28	32	30	33	90
3	411520114006	MOHAMMED KANNI A	Mr.DHILIP KUMAR	A	Combination of gears	32	30	33	25	27	29	31	32	30	90
	411520114007	NITHYANANDHAM S		A		30	32	32	25	28	28	30	32	32	90
	411520114011	ROOBAN DHARMARAJ K		A		32	30	33	29	28	28	28	32	30	90
	411520114018	TAMILSELVAN V		A		30	32	31	29	28	28	30	33	33	91

4	411520114002	DHARANI DHARAN P	Mr. PRATHIBAN	A	Testing of RIG for safety purpose	30	32	32	29	28	28	30	32	32	91
	411520114003	DHARANI VARAN T		A		28	32	30	28	28	28	30	32	32	89
	411520114015	SRIDHARAN S		A		25	20	24	28	28	28	30	25	32	80
	411520114010	RITHWIK E B		P		30	32	32	25	28	28	32	30	33	90
5	411520114001	ABINESH N R	MR.PRABAKARAN	P	Python based expert system for selection of natural fiber for composite materials	31	32	30	28	28	28	30	32	32	90
	411520114017	TAMIL SELVAN C		P		32	30	33	29	28	28	28	32	30	90
	411520114014	SATHISH M		P		32	30	33	25	28	28	28	32	30	89
	411520114005	KARTHIK N		P		30	30	32	29	28	28	30	33	33	91

Internals	Name	Signature
INT-1	Mr. Anilkumar	
INT-2	Dr. R. M. Sathiyamoorthy	
INT-3	Mr. Prathiban	


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
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Mannivakkam, Chennai - 600 048.


Project Coordinator


HOD/MECH

PERI INSTITUTE OF TECHNOLOGY, MANNIVAKKAM

DEPARTMENT OF MECHANICAL ENGINEERING

Academic Year 2022-2023 (ODD Semester)

Second Year Second Review Project Circular

Circular No: PERIIT/MECH/2022-2023/PR/003

23/09/2022

Dear faculties,

The department of mechanical engineering is conducting **second review** for second year mechanical students ~~07.10.2022~~^{Friday} ~~(Monday)~~ at **10.15 am**. All the staff members are requested to attend the second review. The second year students are informed to submit the following documents.

Documents to be Submit:

- ❖ Project Progress
- ❖ Detailed Calculation/CAD Drawings (if any)
- ❖ Results
 - a. Manual
 - b. Software
- ❖ Comparison (if any)
- ❖ Conclusion

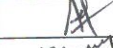
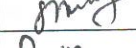


PROJECT COORDINATOR


HOD MECH


PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
ACADEMIC YEAR 2022 - 2023 (ODD SEMESTER)
MINI PROJECT
SECOND REVIEW : 03.10.2022
YEAR/SEM:II/IV

Batch No	Register Number	Student Name	Guide Name	Attendance	Title	Scope Literature survey (35)			Methodology/ Calculation (30)			PPT Presentation (35)			Mark (100)
						INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	INT 1	INT 2	INT 3	AVG
1	411521114001	ABINESH L	Mr.G.LOGANATHAN	P	Safety gears/Automatic traffic sensor	31	32	30	28	26	28	30	32	32	90
	411521114004	AVINASH A		P		30	32	32	29	27	28	20	20	20	79
	411521114005	BHARANIDHARAN D		P		20	20	20	28	28	27	22	25	25	72
	411521114006	BHARATHKUMAR M		P		20	20	20	25	28	26	30	32	32	78
2	411521114007	BRAGADEESH K	Mr. PRATHIBAN	P	360 degree rotating wheel	20	20	20	22	27	28	31	33	32	78
	411521114009	GOKUL K		P		20	20	20	19	28	27	30	32	32	76
	411521114010	GURUDHARSHAN S		P		30	32	32	25	28	26	20	20	20	78
	411521114012	HARISH A		P		30	32	32	29	25	28	20	20	20	79
3	411521114013	HARISH M	Mr. MADHAVAN	P	Solar based wireless charging system	20	20	20	28	28	27	22	25	25	72
	411521114014	JAYAKANTHAN R		P		20	20	20	25	26	28	30	32	32	78
	411521114015	JAYAPRAKASH E		P		20	20	20	22	27	25	31	33	32	77
	411521114016	KAVIYARASAN M		P		30	32	32	25	25	23	30	32	32	87
4	411521114018	LOKESH B	Mr.PRABAKARAN	P	Free power genetarion	30	32	32	29	28	27	30	33	33	91
	411521114020	MUKESH KUMAR P		P		20	20	20	28	26	28	30	20	32	75
	411521114021	PARAMESH A		P		30	32	32	25	28	28	32	30	33	90
	411521114036	VIGNESHKUMAR K.G		P		32	30	33	29	28	27	28	32	30	90
5	411521114037	VISHNU K	Mr. ANILKUMAR	P	Compressed air engine	28	32	30	28	26	28	30	32	32	89
	411521114024	RAGUL M		P											AB
	411521114025	SANTHOSH KUMAR S		P		28	32	30	28	26	28	34	34	34	91
	411521114026	SARATHKUMAR S		P		30	32	32	25	28	24	26	32	32	87

6	411521114027	STEPHEN RAJ M	Mr. SOUNTHARARASU	P	Chianless motor cycle	30	32	32	29	28	28	30	32	32	91
	411521114028	SUJEETH S.S		P		28	32	30	28	27	28	30	32	30	88
	411521114029	SURENDAR N		P		32	30	33	29	24	28	30	32	30	89
	411521114030	THAMIZHARASAN		P		31	32	30	28	25	28	30	32	32	89
7	411521114031	THAMIZHMURASU V	Mr.DHILIP KUMAR	P	Three way power cycle	30	32	32	29	25	28	30	32	32	90
	411521114032	THIRUMURUGAN V		P		32	30	33	28	26	28	32	30	33	91
	411521114034	VALLARASU		P		28	32	30	25	27	28	28	32	30	87
	411521114035	VIGNESH R		P		30	32	32	29	25	27	30	32	32	90
8	411521114324	RAJA . K	Mr. SOUNTHARARASU	P	Design & fabrication of Coconut sheller machine	30	32	32	26	28	27	31	32	30	89
	411521114320	NAVEEN kumar . S		P		30	32	32	29	27	28	20	20	20	79
	411521114318	MOHAN . D		P		32	30	33	28	27	28	20	20	20	79

Internals	Name	Signature
INT-1	Mr. Anilkumar	
INT-2	Dr. R. M. Sathiyamoorthy	
INT-3	Mr. Madhavan	


Project Coordinator

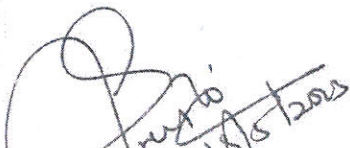

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.


HOD/MECH

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

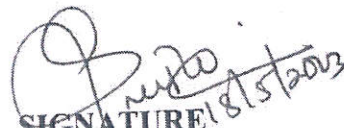
Certified that this project "E-BOAT USING SOLAR WITH DUAL AXIAL SOLAR TRACKER" is the bonafide work of **BALAJI. S (411517105003), PONNARASI.K (411517105008) , PRAKASH.V (411519105303)** and who carried out the project work under my supervision.


SIGNATURE 18/5/2023

**MRS.S.L.SREEDEVI M.E.
HEAD OF THE DEPARTMENT**

Department of Electrical
and Electronic Engineering

Peri Institute of Technology
Mannivakkam, Chennai-48


SIGNATURE 18/5/2023

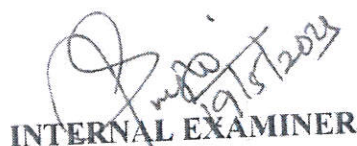
**MRS.S.L.SREEDEVI M.E.
SUPERVISOR**

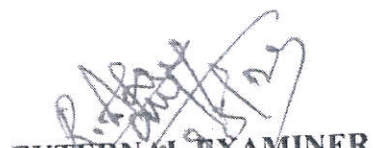
Assistant Professor


Department of Electrical
and Electronics engineering

Peri Institute of Technology
Mannivakkam, Chennai-48

Submitted for the **VIVA-VOCE** Examination held on 19.05.2023

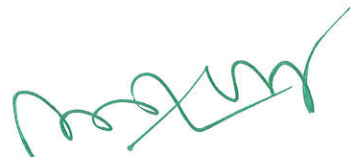

INTERNAL EXAMINER


EXTERNAL EXAMINER


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

ABSTRACT

In this project, we are going to build Electrical boat using solar panel and we are going to change the solar panel angle based upon Sunlight direction with the help of solar tracker, we are going to combine both solar tracker and solar panel and we are also going to change the position of the solar panel using dual axis solar tracker. It has been shown that these sun tracking systems can be broadly classified as single axis and dual axis, depending on their mode of rotation. Further it can be classified as active and passive tracker depending on the actuator. The sub division and their basic principles of each method have been reviewed. Overall, the results presented in this review confirm that the azimuth and altitude dual axis tracking system is more efficient compared to other tracking systems. In future the present paper details will be useful in selecting an accurate and particular tracker with respect to region, available space and estimated cost. The another benefit of project is that the reduction of pollution, so that the ozone layer can be prevented from pollution and global warming can also be avoided.




Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
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Mannivakkam, Chennai - 600 048.

ANNA UNIVERSITY : CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "HIGH EFFICIENT MULTIPLE ENERGY STORAGE SMART CYCLE" is the bonafide work of IYAPPAN.P (411519105007) , SURYA.P (411519105010) , VINOTH KUMAR.M (411517105011) and who carried out the project work under my supervision.


SIGNATURE

MRS.S.L.SREEDEVI,M.E,(Ph.D)

HEAD OF THE DEPARTMENT

Department of Electrical
and Electronic Engineering

Peri Institute of Technology
Mannivakkam , Chennai-48


SIGNATURE

Mr.R.TAMILAMUTHAN,M.E

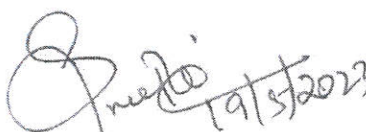
SUPERVISOR

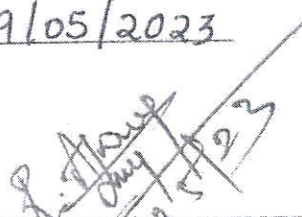
Assistant Professor

Department of Electrical
and Electronics Engineering

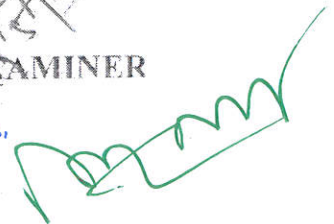
Peri Institute of Technology
Mannivakkam,Chennai-48

Submitted for the VIVA-VOCE Examination held on 19/05/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam Chennai - 600 048.



ABSTRACT

In this project, we are going to build high-efficient multiple energy storage smart cycle. The frequent news about the extinction of fossil fuels has increased the importance of usage of electricity in the future. Electric Vehicles will be utilized to a greater extent. Office going people and people who travel moderate distances will be benefited from the electric bicycle. The electric bi-cycle contains motor to help the vehicle move forward and various power sources are being used. The batteries provide power to the motor and the motor drives the vehicle. When the battery is fully discharged the battery is recharged again by using a dynamo, solar panel and plug-in charging (Three-way charging). In this project, we have used a DC motor/generator attached to the rear wheel of the bicycle. Two sets of batteries are connected to the setup such as A and B. When one of the batteries gets discharged another battery will provide the power required. During that time, the rotation of the front wheel rotates the dynamo which produces an output of voltage and then at stopping time solar panel or plug-in charging is used. The system has a mobile controllable switch that facilitates smooth transitions between charge and discharge operations of two battery, ensuring uninterrupted power supply. Additionally, the cycle features a key safe anti-theft system, providing an extra layer of security that allows users to locate the bike in case of theft.



Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mambickalun, Chennai - 600 048.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "QUASI SWITCHING BUCK BOOST CONVERTER FOR DC TRANSMISSION LINE" is the bonafide work of ABIMANYU. S (411519105001), DINESH KUMAR.V (411519105301), HARIHARAN.R (411519105006) and who carried out the project work under my supervision.

SIGNATURE

Mrs.S.L.SREEDEVI M.E.
HEAD OF THE DEPARTMENT

Department of Electrical
and Electronic Engineering

Peri Institute of Technology
Mannivakkam, Chennai-48

SIGNATURE

Dr.P.YAMUNAA M.E,Ph.D.,
SUPERVISOR

Assistant Professor

Department of Electrical
and Electronics Engineering

Peri Institute of Technology
Mannivakkam , Chennai-48

Submitted for the VIVA-VOCE Examination held on 19/05/2023

INTERNAL EXAMINER

EXTERNAL EXAMINER

DR. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

ABSTRACT

This paper presents the design and implementation of a quasi-switching buck-boost converter for voltage regulation in power transmission lines. The converter is designed to step up or step down the voltage of the power being transmitted along the line to maintain a stable voltage at the load end. The quasi-switching circuitry allows the switching device to turn off naturally when the current through it reaches zero, reducing switching losses and EMI, and improving overall efficiency. The paper describes the methodology for designing the converter, including selection of components, control circuitry, and testing and optimization. Simulation and experimental results demonstrate the effectiveness of the converter for voltage regulation in power transmission lines, showing stable output voltage, high efficiency, and low output ripple. The proposed converter can be a useful tool for voltage regulation in power transmission lines, helping to maintain a stable voltage at the load end and improve overall efficiency.


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "OPTIMAL RNN CONTROL OF STATCOM FOR EFFICIENT HYBRID RENEWABLE POWER SYSTEM WITH BATTERY" is the bonafide work of C. ARCHANA JENIFER (411517105002), M. DURAIRAJ (411517105005) and R. SAVITHA (411517105009) who carried out the project work under my supervision.

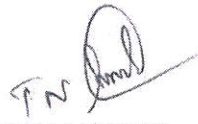

SIGNATURE

MRS.S.L. SREEDEVI,M.E.

HEAD OF THE DEPARTMENT

Department of Electrical
and Electronics Engineering

Peri Institute of Technology
Mannivakkam, Chennai-48



SIGNATURE

Dr.T.N.SURESH,M.Tech,Ph.D.

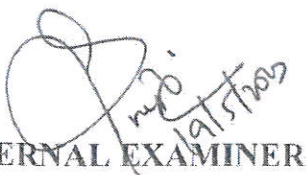
Assistant Professor

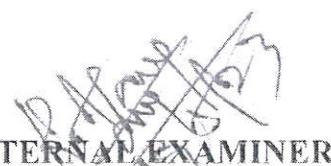
SUPERVISOR

Department of Electrical
and Electronics Engineering

Peri Institute of Technology
Mannivakkam, Chennai-48

Submitted for the VIVA-VOCE Examination held on 19/05/2023


EXTERNAL EXAMINER


EXTERNAL EXAMINER


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai - 600 048.

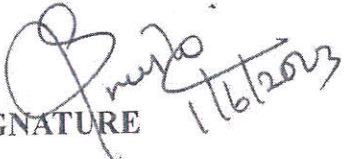
ABSTRACT

This project proposes a various converters integrated with renewable sources to the utility grid along with its control strategies are proposed. The solar system provides voltage to the inverter through Self-lift Luo converter. The WECS with DFIG, AC-DC conversion takes place with the aid of PWM rectifier and the control of rectifier is carried out with a PI controller. To achieve energy management for the proposed system using Bidirectional Battery converter along with battery system. In this project to achieve the grid synchronization with DSTATCOM devices controlled by RNN controller with D-Q theory transformation. Under this work, DSTATCOM has been used to improve the quality of power under different conditions. The LC filter is employed to enhance the output of the inverter. The control outputs are the output power of the PV/FC input power sources as well as AC power injected into the power grid. The obtained results indicate that the proposed approach delivers better performance with enhanced efficiency and minimal harmonics. The entire project is validated through a MATLAB simulation 2021a.

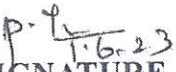
ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "ANIMAL TRAIN ACCIDENT DETECTION IN RAILWAY SIGNAL USING ULTRASONIC SENSORS" is the bonafide work of JANARTHANAN. K (411520105004), SARAVANAN.E (411520105014), SIVARAMAKRISHNAN. R(411520105015), VENKATESH. M (411520105335) and who carried out the project work under my supervision.

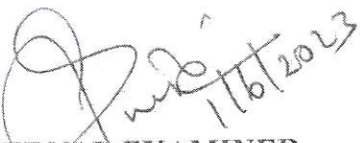

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Ms.S.L. SREEDEVI.M. E
HEAD OF THE DEPARTMENT

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Dr.P. YAMUNAA M.E,Ph.D
SUPERVISOR
Associate Professor

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Mannivakkam, Chennai-48

Submitted for the VIVA-VOCE Examination held on 01/06/2023


INTERNAL EXAMINER



EXTERNAL EXAMINER

ii


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
PRINCIPAL
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Mannivakkam, Chennai - 600 048.

ABSTRACT

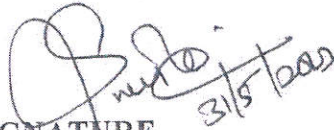
The Indian railways are suffering from the collision of animal – rail in forest areas. Today, India has fourth largest railway network management in the world comes from United states, Russia and China. Considering an India as an example, in the past five years numerous laws has been passed by the government of India for the protection of wildlife sanctuaries and jungle animals nearby railway track. To overcome this problem, we analyzing the detection of crack and collision of animal – rail in the proximity area. If these deficiencies may result in increasing an Indian railway budget and loss life and property. In this paper proposing cost effectiveness solution to managing this problem of preventing the collision of rail – animal accidents. From this project we'll know how to implement the automation in railway Signal control using Arduino. Application of this project is the direct implementation in real world. Some components will be required more but the main working principle will be same. Now, other alerting systems can also be developed by using Arduino. The main aim of this project is to reduce train accidents at railway level crossings to the minimum.


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ANNA UNIVERSITY: CHENNAI 600025

BONAFIDE CERTIFICATE

Certified that this project "INTELLIGENT WATER LEVEL MONITORING SYSTEM" is the Bonafide work of "S.RAMYA (411520105013) , P.HARISH (411520105309) , P.JANCY REENA (411520105311) and P.VELU (411520105334)" who carried out the project work under my supervision.



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MRS.S.L. SREEDEVI, M.E, (Ph.D.)

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Dr.J.RAJI

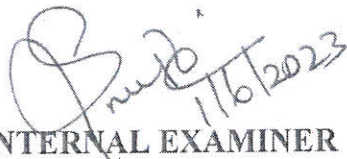
SUPERVISOR

Assistant Professor

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Submitted for the **VIVA-VOCE** Examination held on 01.06.2023



INTERNAL EXAMINER



EXTERNAL EXAMINER



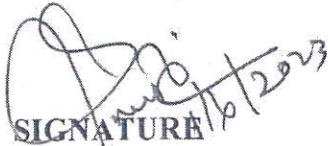
Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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ABSTRACT

Water level indicator is widely used in many industries and houses. People generally worry about the wastage of water, when the switch ON the motor and forget to OFF them. An Water Level Indicator may be defined as a system by which we can get the information of any water reservoir. Water level indicator system are quite useful to reduce the wastage of water from any reservoir, while filling such reservoir. But for domestic purpose we cannot go for the instruments which use radar or ultrasonic principle that costs high. Water tank overflow is a common problem which leads to the wastage of water. In this project we are using the metal sensor water level indicator circuit is very useful to indicate the water levels in a tank. Whenever tank gets filled, we get alerts on particular levels. The LEDs is generally used for indicate the water levels. If the water level is full, then the circuit beeps through the buzzer notifying that the water level is full.

BONAFIDE CERTIFICATE

Certified that this project "IMPLEMENTATION OF ENERGY EFFICIENT SMART STREET LIGHT MANAGEMENT SYSTEM FOR SMART CITY" is the bonafide work of KRISHNAKUMAR.R (411520105007), HARISH.R (411520105310), KINGSLIN.A (411520105314), SURESH.M (411520105330) and who carried out the project work under my supervision.


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MRS.S.D. SREEDEVIL.M. E

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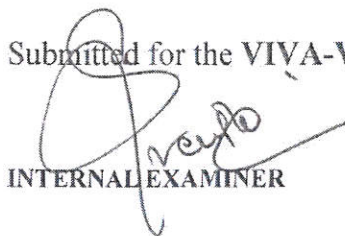

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Dr.T.N.SURESH

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Submitted for the VIVA-VOCE Examination held on 01-06-2022


INTERNAL EXAMINER


EXTERNAL EXAMINER


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ABSTRACT

Automatic Street Light Control System is a simple yet powerful concept, which uses transistor as a switch. By using this system manual works are 100% removed. It automatically switches ON lights when the sunlight goes below the visible region of our eyes. This is done by a sensor called Light Dependant Resistor (LDR) which senses the light actually like our eyes. It automatically switches OFF lights whenever the sunlight comes, visible to our eyes. By using this system energy consumption is also reduced because nowadays the manually operated street lights are not switched off even the sunlight comes and also switched on earlier before sunset. In this project, no need of manual operation like ON time and OFF time setting. This project clearly demonstrates the working of transistor in saturation region and cut-off region. The working of relay is also known.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE


Certified that this project report **SOLAR PANEL CLEANING USING WIPER WITH DIGITAL TIMER** is the bonafide work of **ARUNACHALAM. R.L (4115201053001), CHANDRU. S (411520105003), JAYANTHAN. S (411520105312), SARVESH. S (411520105324)** and who carried out the project work under my supervision.


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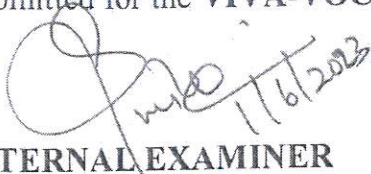

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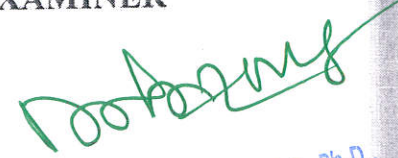
Department of Electrical
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Mannivakkam, Chennai-48

Submitted for the **VIVA-VOCE** Examination held on 01.06.2023


INTERNAL EXAMINER


EXTERNAL EXAMINER


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PERI INSTITUTE OF TECHNOLOGY
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ABSTRACT

In this project we are going to build a solar panel cleaner using a wiper and we are going to set the digital timer in the automatic mode to control the wiper automatically by turning on and off for the programmed time. It has been shown that these timer systems can be broadly classified into digital and Arduino based timer system. The sub divisions and their basic principles of each method have been reviewed. The Arduino based timer system costs more than the digital timer and so the digital timer is used here, but the Arduino timer system gives more efficiency than the digital timer. In future the present paper details will be used for selecting an accurate cleaning of solar panel for any kind of dusts, dirt's and other contaminants which reduces the efficiency of the solar panel. Another benefit of this project is that it shows the battery can easily be charged only through the solar panel and the brightness of the light can also increase.

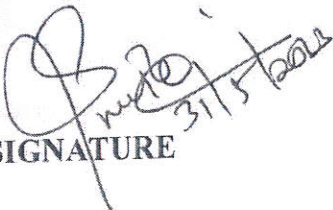
iv


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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

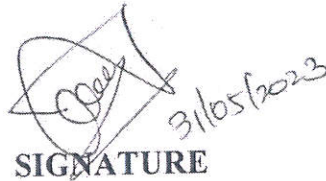
Certified that this project “ SWB-POWERED EMERGENCY MOBILE CHARGER” is the bonafide work of “C.PAVITHRA (411520105009) R.RAJKUMAR (411520105012) and P.SRIDHARAN (411520105327)” who carried out the project work under my supervision.


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MRS.S.L.SREEDEVI M.E.

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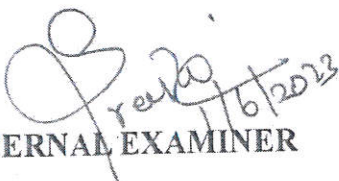
Mr.R.TAMILAMUTHAN M.E.

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Assistant Professor

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Submitted for the **VIVA-VOCE** Examination held on 01/06/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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ABSTRACT

This paper is about framework structures, in which cell phones go about as either dynamic or aloof gadgets relying upon accessible correspondence between advanced cells and their sun powered chargers. In recent days power generation using renewable energy sources gained more attraction. The most commonly available and used energy resources are solar and wind. The objective presented here is charging of low power electronic gadgets using the wind energy available during travelling. A DC generator with a Sepic converter provides voltage required for charging the gadgets when the vehicle speed exceeds 40km/hr. Even though the speed fall is observed, the gadgets will get continuously charged by the external battery source which is connected to the proposed circuit. This could be used as emergency source for charging electronic gadgets while travelling in a vehicle. The outcomes from the recreation and the trial show the plan's adequate achievability for down to earth usage. Coming 21st century, we have gained some astounding ground in making sun-based cells which are the devices energizing our future, changing over sun's imperativeness into power. This work is connected to using non-conventional imperativeness that is sun-arranged essentialness for adaptable battery charging. Sun controlled chargers are direct, helpful and arranged to utilize gadgets which can be utilized by anybody particularly in faraway locales.

iv

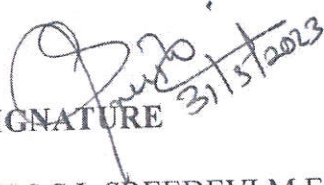

Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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ANNA UNIVERSITY CHENNAI-600 025

BONAFIDE CERTIFICATE

Certified that this project report " SMART FOOT STEP POWER GENERATION" is the bonafide work D. JAYANTH (411520105005),

A.PRAVEENKUMAR (411520105011) and M.YUVASHREE (411520105018) who project work under my supervision.

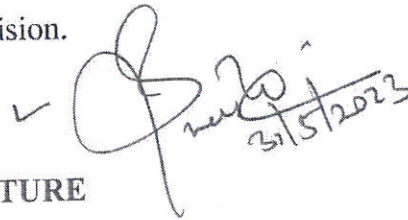

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MRS.S.L.SREEDEVI M.E.,

HEAD OF THE DEPARTMENT

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Mannivakkam, Chennai-48.


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MRS.S.L.SREEDEVI M.E.,

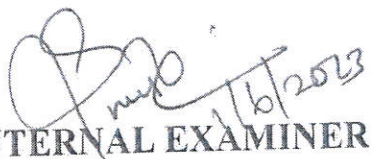
SUPERVISOR

ASSISTANT PROFESSOR

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The project report submitted for the viva voce held on 01/06/2023


INTERNAL EXAMINER


EXTERNAL EXAMINER

ii


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
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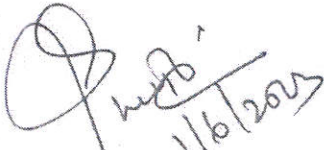
ABSTRACT

Electrical energy is important and had been demand increasingly. A lot of energy resources have been wasted and exhausted. An alternative way to generate electricity by using a population of human had been discovered. When walking, the vibration that generates between the surface and the footstep is wasted. By utilizing this wasted energy, the electrical energy can be generated and fulfill the demand. The transducer that uses to detect the vibration is a piezoelectric transducer. This transducer converts the mechanical energy into electrical energy. When the pressure from the footstep is applied to the piezoelectric transducer, it will convert the pressure or the force into the electrical energy. The piezoelectric transducer is connected in series-parallel connection. Then, it is placed on the tile that been made from wood as a model for footstep tile to give pressure to the piezoelectric transducers. This tile can be placed in the crowded area, walking pavement or exercise instruments. The electric energy that generates from this piezoelectric tile can be power up low power appliances.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "MOBILE PHONE DETECTOR USING LM358"
is the bonafide work of "NITHEESH A (411520105008), SRIKANTH G
(411520105016), MOHAN R (411520105316), and THOMAS RICHARD M
(411520105332)" who carried out the project work under my supervision.


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MRS.S.L. SREEDEVI.M.E, M.B.A
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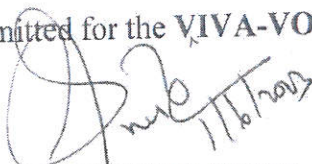

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Dr.P. YAMUNAA M.E.Ph.D.
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Assistant Professor

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Submitted for the VIVA-VOCE Examination held on 1/6/23


INTERNAL EXAMINER


EXTERNAL EXAMINER


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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ABSTRACT

Now a days as the technology is improved, people are addicted to mobiles. They are at that stage where they are using and at what situation they are. There are some restricted places like hospitals, examination halls etc. To avoid that situation, we have designed a mobile detector circuit. This detector can sense the presence of and activated mobile phone from a distance of one and a half meter. So, it can be used to prevent use of mobile phone in examination halls, confidential rooms etc. It is also useful for detecting the use of mobile phone for spying and un authorized video transmission. The circuit can detect the incoming and outgoing calls, SMS and video transmission even if the mobile is kept in silent mode. It is built around CA3130 (IC1) and NPN transistor BC548 (T1). When a mobile phone is active, it radiates RF signal that passes through nearby space. The signal contains electromagnetic RF radiation from the phone. Capacitor C1 is used in the circuit to detect the RF signal from the mobile phone Carefully solder the capacitor in standing position with equal spacing of the leads. The response can be optimized by trimming the lead length of C3 for the desired frequency. You may use a short telescopic type antenna. Use the miniature 12V battery of a remote control and a small buzzer to make the gadget pocket-size. The unit will give the warning indication if someone uses Mobile phone within a radius of 1.5-2 meters.

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

Certified that this project "TRANSFORMER MONITORING USING ARDUINO" is the bonafide work of "KAVIKUMAR.M (411520105313), NIVETHA.S (411520105319), THIRSHA.M (411520105331), and VARSHINI. R (411520105333) "and who carried out the project work under my supervision.


SIGNATURE 11/6/2023

MRS.S.L. SREEDEVI M.E
HEAD OF THE DEPARTMENT

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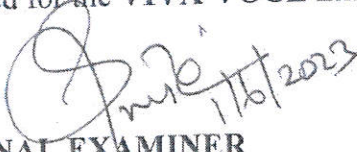

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Ms.A.VIJAYALAKSHMI M.E
SUPERVISOR

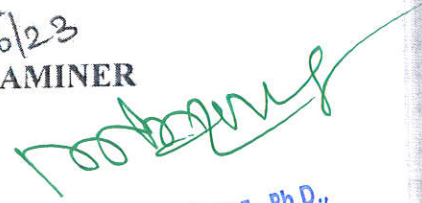
Assistant Professor
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Submitted for the VIVA-VOCE Examination held on 01-06-2023


INTERNAL EXAMINER 11/6/2023

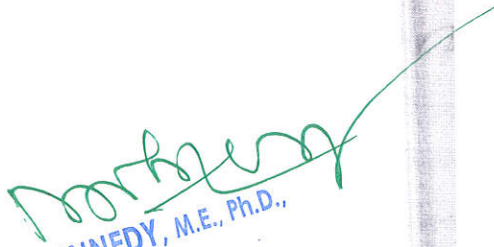

EXTERNAL EXAMINER 11/6/23


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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Mannivakkam, Chennai - 600 048.

ABSTRACT

To maintain the reliability in grid operation it is important to monitor real time transformer health. We know the importance of transformers in electricity distribution and transmission. They are the main components and constitute the sizable portion of capital investment of the distribution grid. Transformers are used for electricity distribution and transmission which decreases/increases the primary voltage to the utilization voltage for customer use. As distribution transformers are very costlier in electrical industry. Real time transformer health monitoring systems help to replace the equipment before failure and continuity of the power will not be disturbed. This project proposes a system for IOT remote monitoring of transformer. The information regarding transformer output voltage, current, power and available temperature will be transmitted wireless to a webserver through Internet. Here microcontroller IC ATMEGA 328p (Arduino) is used in this IC programming is done which continuously monitors the transformer operation parameters. It sends the acquired data to the user using NodeMCU 12E Wi-Fi module and also can receive command from the user for performing load shedding.

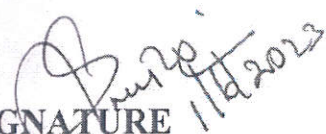
iv


Dr. R. PALSON KENNEDY, M.E., Ph.D.,
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ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

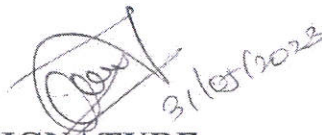
Certified that this project report titled "PV PANNEL BASED INTERLEAVED CONVERTER FOR ELECTRIC VEHICLE" is the bonafide work of VIGNESHWARAN.G (411520105017) ABISHEKSAMUEL.B (411520105301), GOKUL.S (411520105307), and RAJESH.S (411520105323) who carried out the project work under my supervision.


SIGNATURE 1/14/2023

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HEAD OF THE DEPARTMENT

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Mannivakkam, Chennai-48 .



SIGNATURE 31/05/2023

MR.R. TAMILAMUTHAN, M.E
SUPERVISOR

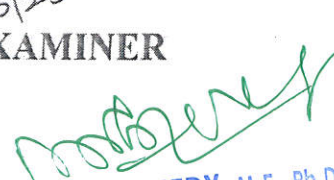
Assistant Professor
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Mannivakkam, Chennai-48.

The project report submitted for the viva voce held on 1/6/2023


INTERNAL EXAMINER 1/16/2023


EXTERNALEXAMINER 1/16/23


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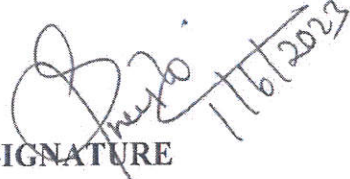
ABSTRACT

In this project, an examination of PV board based Interleaved converter for Electric vehicle charging is implemented. This framework comprises of sun powered cell battery, bidirectional dc -dc converter. A Battery is accommodated supply capacity to dc engine during no daylight condition. The bidirectional dc-dc converter is working in both charging and releasing the battery and can deal with the progression of force in both the bearing and henceforth overabundance energy from the PV board can be put away in battery. Affected by fluctuating irradiance and differing load conditions, the MPPT regulator extricates full power from the PV module. This proposed project is implemented using. This paper proposes a novel approach to improve the performance and efficiency of electric vehicle (EV) power conversion systems through the integration of a photovoltaic (PV) panel based interleaved converter. The aim is to utilize the available solar energy to supplement the battery power and increase the driving range of the EV. The proposed converter architecture consists of multiple interleaved DC-DC converters connected to a PV panel array. Each DC-DC converter operates at a high switching frequency, enabling efficient power transfer from the PV panel to the EV battery. The interleaved structure ensures reduced current ripple and enhanced power processing capability, resulting in improved overall system performance

ANNA UNIVERSITY: CHENNAI 600 025

BONAFIDE CERTIFICATE

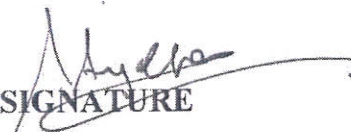
Certified that this project "STREAMLINED SMART HOME AUTOMATION USING INTERNET OF THINGS" is the bonafide work of KEERTHANA.V (411520105006), POOVARASAN.A (411520105010), ANURAMABARATHI.S (411520105302), MARIYAKALAI.P (411520105315), and who carried out the project work under my supervision.


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Mannivakkam, Chennai-48


SIGNATURE

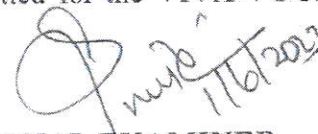
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ABSTRACT

Analog switches are mounted on the walls. Operating them is a tedious task as they need to be physically pressed each time an appliance has to be powered on or off. This hassle is replaced by a smart technique that involves operating the switches through a Web Browser of a Mobile phone or a PC. The present smart switches available in the market are very expensive and also require additional devices like hubs for their working. This paper uses the Cloud and a Web Browser to control the manually operated switches. A cloud server is created for the environment where the switches are mounted. The switches are interfaced with NodeMCU which has an inbuilt Wi-Fi. It can use this to enable or disable the switches. The user communicates with the processor through the Web Browser. The processor then controls the switches based on the commands received from the user and also updates the user about the status of the switches after the control operation is performed to the cloud. The intensity of light, the speed of the fan and other devices can be controlled using the Web Browser.