PERI Institute of Technology

Department of Civil Engineering

Academic Year 2016 – 2017 (Even Semester)

Subject Code / Name: CE 6811 Project Work Semester: 08

S. No	Reg. No.	Name of the Student	Batch No.	Name of the Guide	Topic
1.	411513103002	Abinaya M	1	Mrs. Namitha Jacob	Strength properties of concrete using crumb rubber with partial replacement of fine aggregate
2.	411513103007	Anandheswaran B			
3.	411513103302	Arunkumar M			
4.	411513103008	Anish Kumar P	2	Mrs. Namitha Jacob	An Experimental study of bacterial self-Healing Concrete
5.	411513103015	Divya B			
6.	411513103311	Shanmugasundaram C			
7.	411513103031	Phidawansha R Sohliya	3	Mr. M.Vignesh	Comparison on Strength of Concrete cementatious using Glass Powder and Polythene bag as additive
8.	411513103021	Jenifer Raj M			
9.	411513103055	Vinayagam P			
10.	411513103001	Aarthi V R	4	Mr. M.Vignesh	Seismic Behaviour of Brick and Hollow Block Masonry Walls with fibre composites
11.	411513103004	Aishwarya S P			
12.	411513103017	Gayathri P			
13.	411513103012	Charan Tej R	5	Dr. Rajesh Guna	Experimental Study on static behaviour of high Volume class C Fly ash RCC Beam.
14.	411513103033	Pravin A Mathew			
15.	411513103048	Sudharsan R			
16.	411513103036	Rajkumar R	6	Dr. Rajesh Guna	An Experimental study of Strated Fibre Concrete.[SIFCON]
17.	411513103037	Rajpandi V			
18.	411513103057	Yuvaraj R			
19.	411513103005	Ajithkumar M	7	Mrs. S.Rajalakshmi	Experimental Investigation of Pervious Concrete for Improving the performance In Rigid Pavements.
20.	411513103029	Narendhar S			
21.	411513103053	Viknesh V			
22.	411513103014	Devanathan S	8	Mrs. S.Rajalakshmi	Flyash based cellular light weight concrete
23.	411513103047	Sudha V			
24.	411513103306	Pandiyarajan D			
25.	411513103024	Krishna Moorthi K S	9	Mrs. P.Kaviyarasi	Strength Property of Coir Fibre Concrete.
26.	411513103038	Revathy D			
27.	411513103301	Aravind J			

28.	411513103016	Durga Prasad K	10	Mrs. P.Kaviyarasi	An Experimental Study on BUBBLE DECK TECHNOLOGY
29.	411513103042	Saravana Gugan C			
30.	411513103032	Prasanth V			
31.	411513103022	Kalaiyarasan E	11	Mr. M.S. Gowthaman	Paper Concrete Brick
32.	411513103052	Vijay P			
33.	411513103046	Sriram S			
34.	411513103018	Gunasekaran S	12	Mr. M.S. Gowthaman	Experimental investigation on thermal conductivity and electrical resistivity of soil.
35.	411513103023	Krishna Kumar K			
36.	411513103051	Swadeeswaran B			
37.	411513103010	Arvindhraj P	13	Ms. K.S.Dhivya	Stabilization of Bitumen by Marble Dust & Quarry Sand
38.	411513103044	Shateesh B			
39.	411513103054	Vikramathithan S			
40.	411513103013	Charles Samuel M	14	Ms. K.S.Dhivya	Experimental Study of partial replacement of fine grained soil with Foundry sand
41.	411513103303	Dhinesh S			
42.	411513103307	Parthiban M	15	Mr. M.JayaGopal	Replacement of coarse aggregate an fine aggregate by Rough Ceramic Tiles an Ceramic Powder in concrete
43.	411513103308	Sarath Kumar V			
44.	411513103050	Suriya Prakash R			
45.	411513103028	Nagavigneswaran L	16	Mr. M.JayaGopal	Experimental Study on concrete without OPC
46.	411513103009	Aravind V			
47.	411513103309	Sathish S			
48.	411513103019	Hari Ram S	17	Mrs.K.S.Binitha	Experimental investigation of Pervious Concrete for Improving the performance In Rigid Pavements.
49.	411513103030	Parikshith Akhil R			
50.	411513103039	Roselyn Rebecca			
51.	411513103043	Sathish Kumar M	18	Ms.V.GnanaDevi	Experimental study on increase in strength of concrete by using Basalt Fibre
52.	411513103045	Sivanesan G			
53.	411513103305	Mohammedmubarak M			
54.	411513103003	Adityan P	19	Mr.Anbalagan	Experimental study on use of HYPO and bagasse ASH as a Partial replacement cement in cement concrete.
55.	411513103006	Ajith Kumar R			
56.	411513103310	Sathishkumar K			

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S. No	Reg. No.	Name of the Student	Batch No.	Name of the Guide	Topic
1.	411514103098	Tharun Kumar P	1	Mr. Anbalagan M	Experimental investigation on concrete using Graphite Powder as an Admixture
2.	411514103090	Stefy J			
3.	411514103084	Shobika Bai S			
4.	411514103089	Sivasaranya E			
5.	411514103021	Hariharasudan P	2	Mr. Gowthaman M S	Water Sensitive Urban Design
6.	411514103057	Ponraj M			
7.	411514103107	Vignesh S (1996-09-03)			
8.	411514103303	Asvini K			
9.	411514103011	Ben Jachin S	3	Mr. Magesh B	Enrouted Pervious Paver Blocks
10.	411514103033	Kaleel J			
11.	411514103013	Dilip Kumar T			
12.	411514103034	Kamleshwar S			
13.	411514103005	Alexsuman T	4	Mr. Gift Pon Lazarus D	Experimental Study of Strength Behavior of Cement less Geopolymer Concrete
14.	411514103015	Divakaran R			
15.	411514103066	Roselin Sobha J			
16.	411514103110	Vikram S			
17.	411514103026	Jasima S A	5	Mr. Hari Sathish Kumar M	Behavior of Basalt Fiber in High Strength Concrete
18.	411514103041	Leena Priya R			
19.	411514103056	Pavithra K			
20.	411514103023	Hemalatha G			
21.	411514103099	Varuna V	6	Dr. Rajesh Guna R	Experimental Study on Strength of Fiber Reinforced Quarry Dust Concrete
22.	411514103302	Akash Kumar S			
23.	411514103306	Manikandan S			
24.	411514103076	Saravanan E			
25.	411514103032	Kalaimani M	7	Dr. Rajesh Guna R	An Experimental Study on Partial Replacement of Cement by Zeolite in Concrete
26.	411514103058	Poornipooja S			
27.	411514103095	Surendar V			
28.	411514103092	Sudhagar M			
29.	411514103001	Ajith P K	8	Mr. Jayagopal M	Study to improve Labour Productivity in Precast Construction Project
30.	411514103006	Anandha Charli S			
31.	411514103025	Jagan Raj P			

32.	411514103051	Naveenraj C			
33.	411514103079	Sathya Bama K	9	Mr. Hari Sathish Kumar M	Experimental Investigation of Partial Replacement of Cement with Alkali Activated Glass Powder
34.	411514103052	Neelamegan S			
35.	411514103094	Supriya K R			
36.	411514103049	Md Salman Kauser			
37.	411514103040	Kumaran A	10	Mr. Anbalagan M	Experimental Investigation of Bendable Concrete Using Polyvinyl Alcoholic Fibre
38.	411514103087	Sivaram M			
39.	411514103088	Sivaraman T			
40.	411514103093	Sundharesh N			
41.	411514103027	Jayanthi M	11	Mrs. Binitha K S	An Experimental Investigation on Palm Fuel Ash Based Geopolymer Concrete
42.	411514103039	Krishna Selvi G			
43.	411514103114	Yogesh A K			
44.	411514103016	Esther Metilda J	12	Dr. Rajesh Guna R	Detection of Concrete Mix Proportion Using Sensor Techniques
45.	411514103074	Saranya J			
46.	411514103103	Vidhya Lakshmi M			
47.	411514103109	Vigneshwaran P	13	Mr. Gift Pon Lazarus D	Experimental Study on Transparent Concrete Using Optical Fibre
48.	411514103113	Vishak Rengaraaj K			
49.	411514103002	Akaash R	14	Mr. Magesh B	Building Information Modeling and Effective Monitoring System
50.	411514103100	Veerabaghu Venkatesh			
51.	411514103022	Harish S			
52.	411514103009	Balaji K	15	Mr. Hari Sathish Kumar M	Scrutinial Study on Monopolizing the Excessive Runoff of In Certain Locations of Kanchipuram
53.	411514103019	Gowtham B			
54.	411514103073	Santhosh K S S			
55.	411514103305	Krishnamoorthi R			
56.	411514103008	Austin M Max	16	Ms. Debi Linsha R	Experimental Investigation Bricks using Sea Shell Powder partially Replacement of Soil
57.	411514103018	Gopiaravind A			
58.	411514103050	Muralidharan N			
59.	411514103097	Thamizhmaran S			
60.	411514103046	Mohamed Buhari S	17	Ms. Lavanya C	Experimental Investigation on Partial Replacement of Prosopis Juliflora Ash and Full Replacement of R-Sand by M-Sand
61.	411514103071	Santhanam C			
62.	411514103012	Deepak V			
63.	411514103105	Vignesh N			
64.	411514103101	Velu M	18	Mrs. Priyadharshini M	Investigation of Physicochemical Parameters of Ground Water Quality near Sevappet
65.	411514103078	Sathish P			
66.	411514103070	Sam Surya S			
67.	411514103024	Henson Bernald S			
68.	411514103075	Saravana Kumar S	19	Ms. Binitha K S	Study of an Energy Efficient Solar

69.	411514103063	Raj Kumar A			Panel Tiles for Footpath in Chennai
70.	411514103059	Prakash B			
71.	411514103036	Karthik R			
72.	411514103080	Sehu Altaf M	20	Mr. M. Jayagopal	Utilization of Waste Foundry Sand in Fly ash Bricks
73.	411514103067	Sadam Hussain I			
74.	411514103091	Subikha S			
75.	411514103053	Nithilesh V S	21	Mr. B. Magesh	Study on Mechanical Properties of C & D Waste Concrete with Partial Replacement of M-Sand
76.	411514103065	Rakesh K			
77.	411514103060	Prakash D			
78.	411514103037	Karthikeyan R			
79.	411514103112	Vinoth Kumar S	22	Ms. Dhivya K S	Experimental Study on Partial Replacement of Fine Aggregate by Eggshell powder, Cow dung Powder & Glass Powder
80.	411514103061	Praveen Kumar B			
81.	411514103108	Vignesh V			
82.	411514103064	Rajuvel S	23	Ms. Deby Linsha	Compatibility Study on Two Different Plasticizers with Ordinary Portland Cement
83.	411514103086	Siva Raj A			
84.	411514103054	Nizar Ahamed A			
85.	411514103301	Ajith Kumar K			
86.	411514103068	Sakthivel D	24	Mr. Gift Pon Lazarus D	Determination of Characteristic Strength of Cement Concrete Using Carbon Fibre
87.	411514103077	Sathish B			
88.	411514103082	Shailesh D K			
89.	411514103083	Sharan Prasad M S			
90.	411514103010	Balakumar A	25	C. Lavanya	Experimental Investigation on Bricks using Red Soil, Limestone and Egg Shell as Replacement of Clay
91.	411514103062	Rajendiran N			
92.	411514103081	Senthilkumaran R			
93.	411514103096	Suryakumar G			
94.	411514103020	Gugan Raj K	26	M. Ragul	Strengthening of Concrete Under Tensile Loading Using Autoclaved Aereated Concrete
95.	411514103035	Karthick H			
96.	411514103028	Jayasuriya M			
97.	411514103045	Manojkumar P			
98.	411514103047	Mohamed Irshath M	27	M. Ragul	Experimental Study of Replacement of Copper Slag for Fine Aggregate
99.	411514103106	Vignesh S (1996-05-19)			
100.	411514103055	Parithy K			
101.	411514103072	Santhosh D			
102.	411514103085	Sivalingam D			

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S. No.	Batch	Register No.	Name of the Students	Title of the Project	Guide Name
1	1	411515103085	Sharvesh R	An Experimental Investigation of Insufficient Ground Water Infiltration and its Improvement in Pallikaranai	Mr.B.Magesh
2		411515103089	ShreShinika G		
3		411515103079	Ranjith Kumar N		
4		411515103100	Vignesh M		
5	2	411515103056	Mahadevan S	Experimental Investigation on Thermal Conductivity and Electrical Resistivity of Soil	Mr.M.S.Gowthaman
6		411515103057	Maniratnam S		
7		411515103089	Srihari S		
8		411515103101	Vigneshwaran M		
9	3	411515103003	Abiramiyazhini G	Removal of Hexavalent Chromium from Waste Water Using Chitosan	Mr.M.S.Gowthaman
10		411515103044	Jeevitha N		
11		411515103050	Kavin Romero George		
12		411515103052	KharatmoleGayathrri		
13	4	411515103012	Anandha Krishnan R	Experimental Investigation of CO_2 Absorption in concrete by Using Zeolite Powder	Mr.M.Anbalagan
14		411515103030	Dakshana Moorthy R		
15		411515103022	Balaji K		
16		411515103049	Karthick S		
17	5	411515103028	Boomiga N	Automated Lane Extending System	Dr.R.RajeshGuna
18		411515103072	Preethi K		
19		411515103077	Ramu R		
20		411515103303	Bhavani S		
21	6	411515103001	Aakash A	Experimental Investigation on Partial Replacement of Basalt Rock to Coarse Aggregate	Mr.M.Hari Sathish Kumar
22		411515103039	Hindhumathi Y		
23		411515103307	Priya M		
24		411515103308	Santhanakrishnan V M		
25	7	411515103093	Surya S	An Experimental Investigation on Partial Replacement of Fine Aggregate by Expanded Polystyrene Beads in Concrete	Dr.R.RajeshGuna
26		411515103013	Anirudhan R		
27		411515103018	Arun Kumar M		
28		411515103063	Nirmal Kumar P		
29	8	411515103301	Ajith Kumar M	Experimental Study on Concrete with	Dr.R.RajeshGuna

30		411515103104	Yuvaraj D	Conventional Fine Aggregate Partially Replaced with Waste Plastic	
31		411515103306	Karthik M		
32		411515103305	Karthik D		
33	9	411515103054	Lokesh R	Experimental Investigation on Partial Replacement of Mesquite Wood Ash and Micro Silica	Ms.C.Lavanya
34		411515103061	Mohan T		
35		411515103004	Ajay Kanna K		
36		411515103024	Balaji R		
37	10	411515103033	Dinesh M	Soil Stabilization by Using GGBS and E GlassFibre	Mr.M.Anbalagan
38		411515103027	Boobalan S		
39		411515103011	Akileshwaran K P		
40		411515103051	Kaviyarasu R		
41	11	411515103005	Ajith Kumar C	Experimental Study on Partial Replacement of Teri Sand in Concrete	Ms.K.S.Dhivya
42		411515103006	Ajith Kumar D		
43		411515103015	Aravind T		
44		411515103067	Pavithra D		
45	12	411515103026	Bharath P	Improving the Labour Productivity in Mivan Technology	Mr.M.Jayagopal
46		411515103066	Parthiban M		
47		411515103097	Veeraselvan P		
48		411515103302	Basilton Immanuel G		
49	13	411515103082	Sasi Kumar R	Evaluation of Structural Properties of Concrete Using Nano Silica as a CRM and MSand as FA	Mr.B.Magesh
50		411515103091	Subash D		
51		411515103105	Yuvaraj K		
52		411515103304	Gokulnath K		
53	14	411515103035	Faizur Rahman B	Experimental Investigation on Self Compacting Concrete Using Flyash and Metakaolin	Mr.M.Anbalagan
54		411515103036	Gunanidhi S		
55		411515103092	Subbulakshmi R		
56		411515103099	Vidhya S		
57	15	411515103016	Arunachalam R	Experimental Study on Bitumen Partially Replaced with Waste PVC	Ms.C.Lavanya
58		411515103075	Ragul R		
59		411515103062	Narendiran G		
60		411515103095	Thangamuthu		
61	16	411515103038	Hemananth C S	Experimental Study on Partial Replacement of Sewage Sludge and Alum Sludge in Concrete	Ms.K.S.Dhivya
62		411515103042	Jaya C S		
63		411515103048	Kamesh S		
64		411515103055	Lokesh R		

65	17	411515103078	Ramya Githanjali S	Experimental Study on Partial Replacement of Sand with Marble Dust and Steel Fibre	Mr.M.Hari Sathish Kumar
66		411515103080	Ranjith Kumar P		
67		411515103102	Vigneshwaran P		
68		411515103041	Jai Krishnna T		
69	18	411515103032	Dhanasekar K	Experimental Study on Partial Replacement with Bottom Ash	Mr.M.S.Gowthaman
70		411515103031	Deepak Raj S		
71		411515103047	Kaliya Moorthy M		
72		411515103010	Akash A		
73	19	411515103071	Pravin Ajho M	Experimental Behaviour Study of Replacement of Fine Aggregate with MSand and GGBS	Mr.B.Magesh
74		411515103064	Nithish Raja N		
75		411515103096	TharveshMoheideen		
76		411515103058	Manivannan R		
77	20	411515103009	Ajith Kumar R	An Experimental Study on Concrete Using Magnesium Potassium Phosphate Cement blended with Fly Ash	Ms.C.Lavanya
78		411515103019	Athish R R		
79		411515103045	JeyaRuban A		
80		411515103076	Rammohan S		
81	21	411515103037	Hariharan N	Experimental Investigation of Geopolymer with E-Glass Fibre	Mrs.S.Rajalakshmi
82		411515103046	Iniyavan E P		
83		411515103090	Sriram S		
84		411515103070	Praveen Kumar C		
85	22	411515103081	Rathna Gowtham R	Strength Assessment of Green Mix Concrete with Partial Replacement of Fine Aggregate with Quarry Dust	Ms.K.S.Dhivya
86		411515103098	Velmurugan V		
87		411515103088	Sivasakthi R		
88		411515103025	Barath M		
89	23	411515103068	Prabhu S	Experimental Investigation on Strength Development of Concrete Using Coir Fibre	Mrs.S.Rajalakshmi
90		411515103094	Tamizharasan R		
91		411515103029	Chandra Pandian C		
92		411515103083	Sathish Pandian C		
93	24	411515103084	Selva Ganesh K	Utilization of Pond Ash as Partial Replacement of Fine Aggregate in Concrete Mix	Mr.M.Ragul
94		411515103103	Yakesh N		
95		411515103017	Arun Kumar R		
96		411515103069	Praveen R		

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3.	411513103302	Arunkumar M			
4.	411513103008	Anish Kumar P	2	Mrs. Namitha Jacob	An Experimental study of bacterial self-Healing Concrete
5.	411513103015	Divya B			
6.	411513103311	Shanmugasundaram C			
7.	411513103031	Phidawansha R Sohliya	3	Mr. M.Vignesh	Comparison on Strength of Concrete cementatious using Glass Powder and Polythene bag as additive
8.	411513103021	Jenifer Raj M			
9.	411513103055	Vinayagam P			
10.	411513103001	Aarthi V R	4	Mr. M.Vignesh	Seismic Behaviour of Brick and Hollow Block Masonry Walls with fibre composites
11.	411513103004	Aishwarya S P			
12.	411513103017	Gayathri P			
13.	411513103012	Charan Tej R	5	Dr. Rajesh Guna	Experimental Study on static behaviour of high Volume class C Fly ash RCC Beam.
14.	411513103033	Pravin A Mathew			
15.	411513103048	Sudharsan R			
16.	411513103036	Rajkumar R	6	Dr. Rajesh Guna	An Experimental study of Strated Fibre Concrete.[SIFCON]
17.	411513103037	Rajpandi V			
18.	411513103057	Yuvaraj R			
19.	411513103005	Ajithkumar M	7	Mrs. S.Rajalakshmi	Experimental Investigation of Pervious Concrete for Improving the performance In Rigid Pavements.
20.	411513103029	Narendhar S			
21.	411513103053	Viknesh V			
22.	411513103014	Devanathan S	8	Mrs. S.Rajalakshmi	Flyash based cellular light weight concrete
23.	411513103047	Sudha V			
24.	411513103306	Pandiyarajan D			
25.	411513103024	Krishna Moorthi K S	9	Mrs. P.Kaviyarasi	Strength Property of Coir Fibre Concrete.
26.	411513103038	Revathy D			
27.	411513103301	Aravind J			

28.	411513103016	Durga Prasad K	10	Mrs. P.Kaviyarasi	An Experimental Study on BUBBLE DECK TECHNOLOGY
29.	411513103042	Saravana Gugan C			
30.	411513103032	Prasanth V			
31.	411513103022	Kalaiyarasan E	11	Mr. M.S. Gowthaman	Paper Concrete Brick
32.	411513103052	Vijay P			
33.	411513103046	Sriram S			
34.	411513103018	Gunasekaran S	12	Mr. M.S. Gowthaman	Experimental investigation on thermal conductivity and electrical resistivity of soil.
35.	411513103023	Krishna Kumar K			
36.	411513103051	Swadeeswaran B			
37.	411513103010	Arvindhraj P	13	Ms. K.S.Dhivya	Stabilization of Bitumen by Marble Dust & Quarry Sand
38.	411513103044	Shateesh B			
39.	411513103054	Vikramathithan S			
40.	411513103013	Charles Samuel M	14	Ms. K.S.Dhivya	Experimental Study of partial replacement of fine grained soil with Foundry sand
41.	411513103303	Dhinesh S			
42.	411513103307	Parthiban M	15	Mr. M.JayaGopal	Replacement of coarse aggregate an fine aggregate by Rough Ceramic Tiles an Ceramic Powder in concrete
43.	411513103308	Sarath Kumar V			
44.	411513103050	Suriya Prakash R			
45.	411513103028	Nagavigneswaran L	16	Mr. M.JayaGopal	Experimental Study on concrete without OPC
46.	411513103009	Aravind V			
47.	411513103309	Sathish S			
48.	411513103019	Hari Ram S	17	Mrs.K.S.Binitha	Experimental investigation of Pervious Concrete for Improving the performance In Rigid Pavements.
49.	411513103030	Parikshith Akhil R			
50.	411513103039	Roselyn Rebecca			
51.	411513103043	Sathish Kumar M	18	Ms.V.GnanaDevi	Experimental study on increase in strength of concrete by using Basalt Fibre
52.	411513103045	Sivanesan G			
53.	411513103305	Mohammedmubarak M			
54.	411513103003	Adityan P	19	Mr.Anbalagan	Experimental study on use of HYPO and bagasse ASH as a Partial replacement cement in cement concrete.
55.	411513103006	Ajith Kumar R			
56.	411513103310	Sathishkumar K			

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PERI Institute of Technology

Department of Civil Engineering

Academic Year 2017 – 2018 (Even Semester)

Subject Code / Name: CE 6811 Project Work Semester: 08

S. No	Reg. No.	Name of the Student	Batch No.	Name of the Guide	Topic
1.	411514103098	Tharun Kumar P	1	Mr. Anbalagan M	Experimental investigation on concrete using Graphite Powder as an Admixture
2.	411514103090	Stefy J			
3.	411514103084	Shobika Bai S			
4.	411514103089	Sivasaranya E			
5.	411514103021	Hariharasudan P	2	Mr. Gowthaman M S	Water Sensitive Urban Design
6.	411514103057	Ponraj M			
7.	411514103107	Vignesh S (1996-09-03)			
8.	411514103303	Asvini K			
9.	411514103011	Ben Jachin S	3	Mr. Magesh B	Enrouted Pervious Paver Blocks
10.	411514103033	Kaleel J			
11.	411514103013	Dilip Kumar T			
12.	411514103034	Kamleshwar S			
13.	411514103005	Alexsuman T	4	Mr. Gift Pon Lazarus D	Experimental Study of Strength Behavior of Cement less Geopolymer Concrete
14.	411514103015	Divakaran R			
15.	411514103066	Roselin Sobha J			
16.	411514103110	Vikram S			
17.	411514103026	Jasima S A	5	Mr. Hari Sathish Kumar M	Behavior of Basalt Fiber in High Strength Concrete
18.	411514103041	Leena Priya R			
19.	411514103056	Pavithra K			
20.	411514103023	Hemalatha G			
21.	411514103099	Varuna V	6	Dr. Rajesh Guna R	Experimental Study on Strength of Fiber Reinforced Quarry Dust Concrete
22.	411514103302	Akash Kumar S			
23.	411514103306	Manikandan S			
24.	411514103076	Saravanan E			
25.	411514103032	Kalaimani M	7	Dr. Rajesh Guna R	An Experimental Study on Partial Replacement of Cement by Zeolite in Concrete
26.	411514103058	Poornipooja S			
27.	411514103095	Surendar V			
28.	411514103092	Sudhagar M			
29.	411514103001	Ajith P K	8	Mr. Jayagopal M	Study to improve Labour Productivity in Precast Construction Project
30.	411514103006	Anandha Charli S			
31.	411514103025	Jagan Raj P			

32.	411514103051	Naveenraj C			
33.	411514103079	Sathya Bama K	9	Mr. Hari Sathish Kumar M	Experimental Investigation of Partial Replacement of Cement with Alkali Activated Glass Powder
34.	411514103052	Neelamegan S			
35.	411514103094	Supriya K R			
36.	411514103049	Md Salman Kauser			
37.	411514103040	Kumaran A	10	Mr. Anbalagan M	Experimental Investigation of Bendable Concrete Using Polyvinyl Alcoholic Fibre
38.	411514103087	Sivaram M			
39.	411514103088	Sivaraman T			
40.	411514103093	Sundharesh N			
41.	411514103027	Jayanthi M	11	Mrs. Binitha K S	An Experimental Investigation on Palm Fuel Ash Based Geopolymer Concrete
42.	411514103039	Krishna Selvi G			
43.	411514103114	Yogesh A K			
44.	411514103016	Esther Metilda J	12	Dr. Rajesh Guna R	Detection of Concrete Mix Proportion Using Sensor Techniques
45.	411514103074	Saranya J			
46.	411514103103	Vidhya Lakshmi M			
47.	411514103109	Vigneshwaran P	13	Mr. Gift Pon Lazarus D	Experimental Study on Transparent Concrete Using Optical Fibre
48.	411514103113	Vishak Rengaraaj K			
49.	411514103002	Akaash R	14	Mr. Magesh B	Building Information Modeling and Effective Monitoring System
50.	411514103100	Veerabaghu Venkatesh			
51.	411514103022	Harish S			
52.	411514103009	Balaji K	15	Mr. Hari Sathish Kumar M	Scrutinial Study on Monopolizing the Excessive Runoff of In Certain Locations of Kanchipuram
53.	411514103019	Gowtham B			
54.	411514103073	Santhosh K S S			
55.	411514103305	Krishnamoorthi R			
56.	411514103008	Austin M Max	16	Ms. Debi Linsha R	Experimental Investigation Bricks using Sea Shell Powder partially Replacement of Soil
57.	411514103018	Gopiaravind A			
58.	411514103050	Muralidharan N			
59.	411514103097	Thamizhmaran S			
60.	411514103046	Mohamed Buhari S	17	Ms. Lavanya C	Experimental Investigation on Partial Replacement of Prosopis Juliflora Ash and Full Replacement of R-Sand by M-Sand
61.	411514103071	Santhanam C			
62.	411514103012	Deepak V			
63.	411514103105	Vignesh N			
64.	411514103101	Velu M	18	Mrs. Priyadharshini M	Investigation of Physicochemical Parameters of Ground Water Quality near Sevappet
65.	411514103078	Sathish P			
66.	411514103070	Sam Surya S			
67.	411514103024	Henson Bernald S			
68.	411514103075	Saravana Kumar S	19	Ms. Binitha K S	Study of an Energy Efficient Solar

69.	411514103063	Raj Kumar A			Panel Tiles for Footpath in Chennai
70.	411514103059	Prakash B			
71.	411514103036	Karthik R			
72.	411514103080	Sehu Altaf M	20	Mr. M. Jayagopal	Utilization of Waste Foundry Sand in Fly ash Bricks
73.	411514103067	Sadam Hussain I			
74.	411514103091	Subikha S			
75.	411514103053	Nithilesh V S	21	Mr. B. Magesh	Study on Mechanical Properties of C & D Waste Concrete with Partial Replacement of M-Sand
76.	411514103065	Rakesh K			
77.	411514103060	Prakash D			
78.	411514103037	Karthikeyan R			
79.	411514103112	Vinoth Kumar S	22	Ms. Dhivya K S	Experimental Study on Partial Replacement of Fine Aggregate by Eggshell powder, Cow dung Powder & Glass Powder
80.	411514103061	Praveen Kumar B			
81.	411514103108	Vignesh V			
82.	411514103064	Rajuvel S	23	Ms. Deby Linsha	Compatibility Study on Two Different Plasticizers with Ordinary Portland Cement
83.	411514103086	Siva Raj A			
84.	411514103054	Nizar Ahamed A			
85.	411514103301	Ajith Kumar K			
86.	411514103068	Sakthivel D	24	Mr. Gift Pon Lazarus D	Determination of Characteristic Strength of Cement Concrete Using Carbon Fibre
87.	411514103077	Sathish B			
88.	411514103082	Shailesh D K			
89.	411514103083	Sharan Prasad M S			
90.	411514103010	Balakumar A	25	C. Lavanya	Experimental Investigation on Bricks using Red Soil, Limestone and Egg Shell as Replacement of Clay
91.	411514103062	Rajendiran N			
92.	411514103081	Senthilkumaran R			
93.	411514103096	Suryakumar G			
94.	411514103020	Gugan Raj K	26	M. Ragul	Strengthening of Concrete Under Tensile Loading Using Autoclaved Aereated Concrete
95.	411514103035	Karthick H			
96.	411514103028	Jayasuriya M			
97.	411514103045	Manojkumar P			
98.	411514103047	Mohamed Irshath M	27	M. Ragul	Experimental Study of Replacement of Copper Slag for Fine Aggregate
99.	411514103106	Vignesh S (1996-05-19)			
100.	411514103055	Parithy K			
101.	411514103072	Santhosh D			
102.	411514103085	Sivalingam D			

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Academic Year 2018 – 2019 (Even Semester)

Subject Code / Name: CE 6811 Project Work Semester: 08

S. No.	Batch	Register No.	Name of the Students	Title of the Project	Guide Name
1	1	411515103085	Sharvesh R	An Experimental Investigation of Insufficient Ground Water Infiltration and its Improvement in Pallikaranai	Mr.B.Magesh
2		411515103089	ShreShinika G		
3		411515103079	Ranjith Kumar N		
4		411515103100	Vignesh M		
5	2	411515103056	Mahadevan S	Experimental Investigation on Thermal Conductivity and Electrical Resistivity of Soil	Mr.M.S.Gowthaman
6		411515103057	Maniratnam S		
7		411515103089	Srihari S		
8		411515103101	Vigneshwaran M		
9	3	411515103003	Abiramiyazhini G	Removal of Hexavalent Chromium from Waste Water Using Chitosan	Mr.M.S.Gowthaman
10		411515103044	Jeevitha N		
11		411515103050	Kavin Romero George		
12		411515103052	KharatmoleGayathrri		
13	4	411515103012	Anandha Krishnan R	Experimental Investigation of CO_2 Absorption in concrete by Using Zeolite Powder	Mr.M.Anbalagan
14		411515103030	Dakshana Moorthy R		
15		411515103022	Balaji K		
16		411515103049	Karthick S		
17	5	411515103028	Boomiga N	Automated Lane Extending System	Dr.R.RajeshGuna
18		411515103072	Preethi K		
19		411515103077	Ramu R		
20		411515103303	Bhavani S		
21	6	411515103001	Aakash A	Experimental Investigation on Partial Replacement of Basalt Rock to Coarse Aggregate	Mr.M.Hari Sathish Kumar
22		411515103039	Hindhumathi Y		
23		411515103307	Priya M		
24		411515103308	Santhanakrishnan V M		
25	7	411515103093	Surya S	An Experimental Investigation on Partial Replacement of Fine Aggregate by Expanded Polystyrene Beads in Concrete	Dr.R.RajeshGuna
26		411515103013	Anirudhan R		
27		411515103018	Arun Kumar M		
28		411515103063	Nirmal Kumar P		
29	8	411515103301	Ajith Kumar M	Experimental Study on Concrete with	Dr.R.RajeshGuna

30		411515103104	Yuvaraj D	Conventional Fine Aggregate Partially Replaced with Waste Plastic	
31		411515103306	Karthik M		
32		411515103305	Karthik D		
33	9	411515103054	Lokesh R	Experimental Investigation on Partial Replacement of Mesquite Wood Ash and Micro Silica	Ms.C.Lavanya
34		411515103061	Mohan T		
35		411515103004	Ajay Kanna K		
36		411515103024	Balaji R		
37	10	411515103033	Dinesh M	Soil Stabilization by Using GGBS and E GlassFibre	Mr.M.Anbalagan
38		411515103027	Boobalan S		
39		411515103011	Akileshwaran K P		
40		411515103051	Kaviyarasu R		
41	11	411515103005	Ajith Kumar C	Experimental Study on Partial Replacement of Teri Sand in Concrete	Ms.K.S.Dhivya
42		411515103006	Ajith Kumar D		
43		411515103015	Aravind T		
44		411515103067	Pavithra D		
45	12	411515103026	Bharath P	Improving the Labour Productivity in Mivan Technology	Mr.M.Jayagopal
46		411515103066	Parthiban M		
47		411515103097	Veeraselvan P		
48		411515103302	Basilton Immanuel G		
49	13	411515103082	Sasi Kumar R	Evaluation of Structural Properties of Concrete Using Nano Silica as a CRM and MSand as FA	Mr.B.Magesh
50		411515103091	Subash D		
51		411515103105	Yuvaraj K		
52		411515103304	Gokulnath K		
53	14	411515103035	Faizur Rahman B	Experimental Investigation on Self Compacting Concrete Using Flyash and Metakaolin	Mr.M.Anbalagan
54		411515103036	Gunanidhi S		
55		411515103092	Subbulakshmi R		
56		411515103099	Vidhya S		
57	15	411515103016	Arunachalam R	Experimental Study on Bitumen Partially Replaced with Waste PVC	Ms.C.Lavanya
58		411515103075	Ragul R		
59		411515103062	Narendiran G		
60		411515103095	Thangamuthu		
61	16	411515103038	Hemananth C S	Experimental Study on Partial Replacement of Sewage Sludge and Alum Sludge in Concrete	Ms.K.S.Dhivya
62		411515103042	Jaya C S		
63		411515103048	Kamesh S		
64		411515103055	Lokesh R		

65	17	411515103078	Ramya Githanjali S	Experimental Study on Partial Replacement of Sand with Marble Dust and Steel Fibre	Mr.M.Hari Sathish Kumar
66		411515103080	Ranjith Kumar P		
67		411515103102	Vigneshwaran P		
68		411515103041	Jai Krishnna T		
69	18	411515103032	Dhanasekar K	Experimental Study on Partial Replacement with Bottom Ash	Mr.M.S.Gowthaman
70		411515103031	Deepak Raj S		
71		411515103047	Kaliya Moorthy M		
72		411515103010	Akash A		
73	19	411515103071	Pravin Ajho M	Experimental Behaviour Study of Replacement of Fine Aggregate with MSand and GGBS	Mr.B.Magesh
74		411515103064	Nithish Raja N		
75		411515103096	TharveshMoheideen		
76		411515103058	Manivannan R		
77	20	411515103009	Ajith Kumar R	An Experimental Study on Concrete Using Magnesium Potassium Phosphate Cement blended with Fly Ash	Ms.C.Lavanya
78		411515103019	Athish R R		
79		411515103045	JeyaRuban A		
80		411515103076	Rammohan S		
81	21	411515103037	Hariharan N	Experimental Investigation of Geopolymer with E-Glass Fibre	Mrs.S.Rajalakshmi
82		411515103046	Iniyavan E P		
83		411515103090	Sriram S		
84		411515103070	Praveen Kumar C		
85	22	411515103081	Rathna Gowtham R	Strength Assessment of Green Mix Concrete with Partial Replacement of Fine Aggregate with Quarry Dust	Ms.K.S.Dhivya
86		411515103098	Velmurugan V		
87		411515103088	Sivasakthi R		
88		411515103025	Barath M		
89	23	411515103068	Prabhu S	Experimental Investigation on Strength Development of Concrete Using Coir Fibre	Mrs.S.Rajalakshmi
90		411515103094	Tamizharasan R		
91		411515103029	Chandra Pandian C		
92		411515103083	Sathish Pandian C		
93	24	411515103084	Selva Ganesh K	Utilization of Pond Ash as Partial Replacement of Fine Aggregate in Concrete Mix	Mr.M.Ragul
94		411515103103	Yakesh N		
95		411515103017	Arun Kumar R		
96		411515103069	Praveen R		

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PERI INSTITUTE OF TECHNOLOGY

Department of Mechanical Engineering

CONSOLIDATED SHEET

YEAR/BRANCH : IV MECH 2018-2019

S.No	REG NO	BATCH	NAME	TITLE	GUIDE	Marks			Total (90)	OUT OF 20
						R1	R2	R3		
1	411515114002	B1	ABIN ANTO A	PERFORMANCE EVALUATION OF HYBRID GASOLINE VEHICLE	Mr.BERTRAM NIRMAL PHILIP	23	26	26	75	19
2	411515114005		AGILAN K			25	25	24	74	19
3	411515114006		AHAMEDBAZEER J			26	26	52	104	26
4	411515114007		AJITH KUMAR A			23	23	46	92	23
5	411515114011	B2	ALDRIN PRAKASH D	TOOL AND DIE FOR FRONT BUMPER	Mr.SULTHAN BATCHA Y	18	18	36	72	18
6	411515114012		ALEX STEVE E			20	20	40	80	20
7	411515114013		ANAND S K			20	20	40	80	20
8	411515114017		BALAJI B			21	21	42	84	21
9	411515114018	B3	BALAJI J	DEVELOPMENT OF PLUG IN SERIES HYBRID ELECTRIC VEHICLE - A PROTOTYPE MODEL	Mr.VIJAYAKOTH ANDARAMAN R	21	21	42	84	21
10	411515114021		BERLIN B			26	26	52	104	26
11	411515114022		BERSLIN SOLOMON A			22	22	44	88	22
12	411515114023		BHARATH KUMAR S			24	24	48	96	24
13	411515114024	B4	BHUMINATHAN M	REVERSE ENGINEERING OF CNC TOOL HOLDER	Mr.PRABHU A	23	23	46	92	23
14	411515114027		BOLAS SELVAN J			19	19	38	76	19
15	411515114028		BRANDON JUDE			16	16	32	64	16
16	411515114031		CHAITHANYA S R			21	21	42	84	21
17	411515114034	B5	DANIEL D	DESIGN AND FABRICATION CONCENTRATED CONE SOLAR COLLECTOR	Mr.G SABARI GIRISH	20	20	40	80	20
18	411515114037		DHINESH A			25	25	50	100	25
19	411515114040		DINESH M (20-08-1997)			25	25	50	100	25
20	411515114041		DINESH R			25	25	50	100	25
21	411515114042	B6	DINESH ARAVIND K	EXPERIMENTAL INVESTIGATION OF PHOTO VOLTAIC CELL FOR POWER PRODUCTION	Mr.VIJAYAKOTH ANDARAMAN R	23	23	46	92	23
22	411515114044		DINESH KUMAR M P			22	22	44	88	22
23	411515114051		GANESH V			22	22	44	88	22
24	411515114052		GANESH RAJ M			23	23	46	92	23
25	411515114057	B7	GOKULAKRISHNAN P	DESIGN AND ANALYSIS OF THREE JAW FIXTURE FOR MACHINING OF WHEEL RIMBAND	Mr.GNANASEKARAN J	22	22	44	88	22
26	411515114058		GOKULNATH J P			23	23	46	92	23
27	411515114061		GOPINATH K			22	22	44	88	22

28	411515114063		GOUTHAMSHARAN A			18	18	36	72	18
29	411515114065	B8	HARENE BABU S	DESIGN AND FABRICATION OF FUSING MACHINE	Mr.SIVASHANKAR V	20	20	40	80	20
30	411515114067		HARIHARASUTHAN R			20	20	40	80	20
31	411515114071		HARISHANKAR P			18	18	36	72	18
32	411515114073		HENSEL WILSON GOVEAS W			18	18	36	72	18
33	411515114074	B9	IMMANUEL S	TOOL COST REDUCTION IN CYLINDER HEAD	Mr.ARUN T	23	23	46	92	23
34	411515114076		IRFAN BASHA H			19	19	38	76	19
35	411515114080		JEBARSON SAMUEL J			21	21	42	84	21
36	411515114081		JEEVA A			19	19	38	76	19
37	411515114088	B10	KARTHICK S	HEAT RESISTING PAINT FROM THERMOCOL	Mr.KARTHICK S	19	19	38	76	19
38	411515114090		KARTHIK S (14-12-			16	16	32	64	16
39	411515114091		KARTHIK T			21	21	42	84	21
40	411515114092		KARTHIKEYAN K			20	20	40	80	20
41	411515114093	B11	KARTHIKEYAN R	FABRICATION AND ANALYSIS OF DOUBLE SLOPE SOLAR STILL	Mr.SATHISH N	24	24	48	96	24
42	411515114094		KARTHIKEYAN V			23	23	46	92	23
43	411515114097		KAVIYARASAN R			21	21	42	84	21
44	411515114098		KEERTHI T			18	18	36	72	18
45	411515114099	B12	KESHAVRAM S	RETRO FITTING OF GRINDING OPERATIONS IN LA	Mr.SENTHIL KUMAR R	17	17	34	68	17
46	411515114101		KOUSHIK A			22	22	44	88	22
47	411515114102		KOWSHIK S			23	23	46	92	23
48	411515114103		KRISHNA PRASATH S			22	22	44	88	22
49	411515114104	B13	KUMARESAN A	STRESS ANALYSIS ON HIGH TEMPERATURE SODIUM LOOP IN NUCLEAR POWER PLANT	Mr.ARUNKUMAR M	23	23	46	92	23
50	411515114106		LOGESHWARAN J			22	22	44	88	22
51	411515114107		LOKESH S			18	18	36	72	18
52	411515114112		MANOJ S K			20	20	40	80	20
53	411515114113	B14	MANOJKUMAR G	MACHINING PARAMETERS OPTIMIZATION FOR INCONEL 718 IN FINISH FACING OPERATIONS	Mr.PRIYA G	21	21	42	84	21
54	411515114117		MOHAMED RIYAZ M			21	21	42	84	21
55	411515114118		MOHAMED SUHAIL H			21	21	42	84	21
56	411515114123		MOHAN N			26	26	52	104	26
57	411515114128	B15	NAVEEN KUMAR M S	EXPERIMENTAL ANALYSIS AND MECHANICAL BEHAVIOUR OF INDUSTRIAL WASTE FILLED POLYMER COMPOSITES	Ms.SOWMYA	22	22	44	88	22
58	411515114134		NITHISH KUMAR R			24	24	48	96	24
59	411515114136		PARTHASARATHY K			19	19	38	76	19

60	411515114138		PARTHEEBAN D			19	19	38	76	19
61	411515114139	B16	PAVITHRAN S	DESIGN AND FABRICATION OF FIXTURE FOR SAFOP MACHINE	Mr.SARATH BABU P	16	16	32	64	16
62	411515114140		PERIYASAMY S			21	21	42	84	21
63	411515114142		PRABHU K			20	20	40	80	20
64	411515114143		PRADEEP M			24	24	48	96	24
65	411515114147	B17	PRAKASH G	DESIGN AND DEVELOPMENT OF BENDING STRENGTH IN AMC FOR THE FABRICATION OF COMPOSITE PIPES	Mr.BERTRAM NIRMAL PHILIP	23	23	46	92	23
66	411515114152		PRAVEEN G V			21	21	42	84	21
67	411515114153		PRAVEEN KUMAR D			18	18	36	72	18
68	411515114158		PREMKUMAR S			17	17	34	68	17
69	411515114160	B18	RAAJIV S	EVALUATION OF FRACTURE PARAMETERS AND FRACTURE STRENGTH OF SPECIMENS AND PRESSURE VESSELS	Mr.SULTHAN BATCHA Y	22	22	44	88	22
70	411515114161		RAGHURAMA CHANDRAN L			23	23	46	92	23
71	411515114162		RAGUL D			22	22	44	88	22
72	411515114165		RAJAGURU V			23	23	46	92	23
73	411515114170	B19	RATHISH RAJ R	AUTOMOBILE CAR PARKING SYSTEM USING MICRO CONTROLLER	Mr.PRABHU A	22	22	44	88	22
74	411515114174		SABAREESH P B			18	18	36	72	18
75	411515114176		SACHIN PRAKASH R			20	20	40	80	20
76	411515114177		SAI PRATAP D			20	20	40	80	20
77	411515114178	B20	SAKTHIDHASAN M	FINITE ELEMENT ANALYSIS OF WIND TURBINE B	Mr.PRABHU A	18	18	36	72	18
78	411515114179		SAM JOE J			18	18	36	72	18
79	411515114180		SANJEEVI M			23	23	46	92	23
80	411515114183		SARAN S			19	19	38	76	19
81	411515114189	B21	SATHYANARAYANAN	DEVELOPING FIXTURES FOR TOOTHED RIM USED IN BATTLE TANK - 72 TRAWL	Mr.G SABARI GIRISH	18	18	36	72	18
82	411515114191		SAURAV KUMAR			15	15	30	60	15
83	411515114193		SEZHIYAN P			19	19	38	76	19
84	411515114194		SHAMER BIN			16	16	32	64	16
85	411515114196	B22	SIMIYON SAMUVEL E	NON LINEAR UCKLING ANALYSIS OF CONNECTIN	Mr.VIJAYAKOTH ANDARAMAN R	22	22	44	88	22
86	411515114197		SIVA E			17	17	34	68	17
87	411515114199		SIVASANKARAN R			23	23	46	92	23
88	411515114200		SRIKARTHICK A			21	21	42	84	21
89	411515114201	B23	SRIRAM R	SHAPE OPTIMIZATION OF SPUR GEAR TOOTH USI	Mr.GNANASEKA RAN J	18	18	36	72	18
90	411515114204		SUKRAM M			13	13	26	52	13
91	411515114205		SUNDAREESHWARAN			13	13	26	52	13

92	411515114206		SURENDAR R			20	20	40	80	20
93	411515114207	B24	SURENDAR S	PROCESS OPTIMIZATION AND COST REDUCTION IN MANUFACTURING UNIT	Mr.SIVASHANKAR V	23	23	46	92	23
94	411515114212		SYED SADDAM ALI			22	22	44	88	22
95	411515114213		TAMILSELVAN S			23	23	46	92	23
96	411515114214		TAMILVANAN S			20	20	40	80	20
97	411515114215	B25	THIRUMALAI E	DESIGN AND ANALYSIS RAJASTHAN TOURISM RAILWAY COACH IN ICF	Mr.ARUN T	15	15	30	60	15
98	411515114220		VIGNESH G			17	17	34	68	17
99	411515114223		VIGNESH S			18	18	36	72	18
100	411515114225		VIGNESH KUMAR S			18	18	36	72	18
101	411515114230	B26	VINOTH C	BUCKLING CHARACTERISTICS OF SINTERED Al/SiC P/M COMPOSITES	Mr.KARTHICK S	19	19	38	76	19
102	411515114231		VINOTH E			24	24	48	96	24
103	411515114232		VINOTH V (23-04-1998)			18	18	36	72	18
104	411515114233		VINOTH V (06-06-1998)			21	21	42	84	21
105	411515114237	B27	VISHNU VISWANATHAN M	MODELLING AND SIMULATION OF PROPELLER SHAFT(TATA 407)	Mr.SATHISH N	19	19	38	76	19
106	411515114242		YOKESH K			18	18	36	72	18
107	411515114243		YUKESH S M			16	16	32	64	16
108	411515114305		Brian Alister Lobow			22	22	44	88	22
109	411515114319	B28	Wassim Backer Malim M	OPTIMIZATION OF PROCESS PARAMETERS OF SURFACE GRINDING PROCESS USING TAGUCHI METHOD	Mr.SENTHIL KUMAR R	17	17	34	68	17
110	411515114001		AADHIRAJAN A			24	24	48	96	24
111	411515114003		ABINESH N			23	23	46	92	23
112	411515114004		AGASSI DANIEL			22	22	44	88	22
113	411515114008	B29	AKASH N	FRICTION STIR PROCESSING OF Al/SiC COMPOSITE FOR SUPER PLASTIC FORMING	Mr.ARUNKUMAR M	18	18	36	72	18
114	411515114009		AKILAN S			13	13	26	52	13
115	411515114010		AKSHAY KRISHNA K			20	20	40	80	20
116	411515114014		ARUN KUMAR G			23	23	46	92	23
117	411515114015	B30	ASHWINNATH SINGH	DESIGN AND FABRICATION OF ELLIPTICAL TUBE HEAT PIPE	Mr.PRIYA G	22	22	44	88	22
118	411515114016		AUGUSTIN JEBARAJ			23	23	46	92	23
119	411515114019		BALA KUMARAN V			20	20	40	80	20
120	411515114020		BALA			15	15	30	60	15
121	411515114025	B31	BIJESH P	ANALYSIS OF BOLTED JOINTS	Ms.SOWMYA	17	17	34	68	17
122	411515114026		BIRLA K P			18	18	36	72	18
123	411515114029		BRUCE WINSTON B A			15	15	30	60	15

124	411515114030		BRUTUS S			16	16	32	64	16
125	411515114032	B32	CHANDRU P	FLOW AND TURBULANCE CHARACTERISTICS OF DIFFUSER WITH INLET VELOCITY DISTORTIONS	Mr.SARATH BABU P	21	21	42	84	21
126	411515114033		CHARAN RAJ D			15	15	30	60	15
127	411515114035		DEVARAJAN D			18	18	36	72	18
128	411515114036		DHARANI DHARAN V			15	15	30	60	15
129	411515114043	B33	DINESHKUMAR M	DESIGN AND ANALYSIS OF PYROLITIC MATERIAL THERMAL CONDUCTIVITY	Mr.BERTRAM NIRMAL PHILIP	15	15	30	60	15
130	411515114045		DINESH KUMAR S			12	12	24	48	12
131	411515114046		DUVARAKNATH B			22	22	44	88	22
132	411515114047		ELUMALAI A			20	20	40	80	20
133	411515114048	B34	EMMANUEL JACOB S	CFD ANALYSIS IN DOUBLE PIPE HEAT EXCHANGER	Mr.SULTHAN BATCHA Y	22	22	44	88	22
134	411515114049		ESHWAR M			19	19	38	76	19
135	411515114050		FAIYAZ AHAMED S			19	19	38	76	19
136	411515114053		GIRIDHARR K			11	11	22	44	11
137	411515114054	B35	GIRINATH R	LEAN IMPLEMENTATION IN THE MANUFACTURING CELL	Mr.PRABHU A	14	14	28	56	14
138	411515114055		GOKUL M			23	23	46	92	23
139	411515114056		GOKUL R			25	25	50	100	25
140	411515114059		GOPI KRISHNAN P			25	25	50	100	25
141	411515114060	B36	GOPINATH C	ANALYSIS OF INTAKE PORT MODIFICATIONS IN TWO WHEELER GASOLINE ENGINE	Mr.PRABHU A	23	23	46	92	23
142	411515114062		GOPINATH R			19	19	38	76	19
143	411515114064		GURUMOORTHY M			16	16	32	64	16
144	411515114066		HARI HARAN G			18	18	36	72	18
145	411515114068	B37	HARI KRISHNAN S	ANALYSIS OF INLET AND EXHAUST PORT TWO STROKE GASOLINE ENGINE	Mr.G SABARI GIRISH	19	19	38	76	19
146	411515114069		HARISH R			17	17	34	68	17
147	411515114070		HARISH S			18	18	36	72	18
148	411515114072		HARISH KUMAR A			19	19	38	76	19
149	411515114075	B38	INDRANIL BANERJEE	AUTOMATION IN ENGINE SHOP USING RFID IN TAFE	Mr.VIJAYAKOTH ANDARAMAN R	18	18	36	72	18
150	411515114077		IZAZUDDIN T N			18	18	36	72	18
151	411515114079		JAWAHAR S			17	17	34	68	17
152	411515114083		JEGANNADHAN J M			17	17	34	68	17
153	411515114084	B39	JOHN WESLEY V	OPTIMIZATION OF GEAR DESIGN BY USING META HEURISTIC ALGORITHM	Mr.GNANASEKA RAN J	22	22	44	88	22
154	411515114085		JOSHI DAS L R			23	23	46	92	23
155	411515114086		KARAN S			18	18	36	72	18

156	411515114087		KARTHICK K			21	21	42	84	21
157	411515114089	B40	KARTHIK S (05-12-	EXPERIMENTAL ANALYSIS AND MECHANICAL CHARACTERIZATION OF INDUSTRIAL WASTE BASED COMPOSITES	Mr.SIVASHANKAR V	18	18	36	72	18
158	411515114095		KARTHIK RAJA J			13	13	26	52	13
159	411515114096		KARTHIKSURYA R			11	11	22	44	11
160	411515114100		KIRISHANTH S			14	14	28	56	14
161	411515114105	B41	LOGARAJAN M	DESIGN AND AERODYNAMIC ANALYSIS OF SIDE BODY PANELS OF LANCER EVALUATION VIII	Mr.ARUN T	23	23	46	92	23
162	411515114108		MADHAN S			25	25	50	100	25
163	411515114110		MAHAVISHNU B			25	25	50	100	25
164	411515114111		MANIVANNAN R			23	23	46	92	23
165	411515114115	B42	MARIA AJITH	INFLUNCE OF CRYOZENIC TREATMENT FOR THE WEAR RESISTANCE OF BEARING STEELS	Mr.KARTHICK S	22	22	44	88	22
166	411515114116		MOHAMED ASRAF A			19	19	38	76	19
167	411515114119		MOHAMMED FAIZAL			20	20	40	80	20
168	411515114120		MOHAMMED HABEEBULLAH N			20	20	40	80	20
169	411515114121	B43	MOHAN B	DEVELOPMENT OF SOFTWARE AND DEMONSTRATION OF FAILURE THEORIES OF FRP COMPOSITES.	Mr.SATHISH N	16	16	32	64	16
170	411515114122		MOHAN G			17	17	34	68	17
171	411515114124		MULAKATI			18	18	36	72	18
172	411515114125		MUTHUSAMY M			15	15	30	60	15
173	411515114126	B44	NAVEEN KUMAR A	EXPERIMENTAL INVESTIGATION COMBUSTION AND EMISSION CHARACTERISTICS OF BIODIESEL	Mr.SENTHIL KUMAR R	17	17	34	68	17
174	411515114127		NAVEEN KUMAR J			15	15	30	60	15
175	411515114130		NAVIN N			14	14	28	56	14
176	411515114131		NIJANDHAN J			14	14	28	56	14
177	411515114132	B45	NIKESH C	PERFORMANCE ANALYSIS OF SOLAR PANEL USING PIN FINS	Mr.ARUNKUMAR M	22	22	44	88	22
178	411515114135		PARAMESHWARAN K			15	15	30	60	15
179	411515114144		PRADEEP R			19	19	38	76	19
180	411515114145		PRADEEP V			22	22	44	88	22
181	411515114146	B46	PRAGADEESH V	EXPERIMENTAL IGNITION ENGINE FUELLED WITH HYTHANE AND DIETHYL ETHER	Mr.PRIYA G	15	15	30	60	15
182	411515114148		PRAKASH K			14	14	28	56	14
183	411515114149		PRASANAH KUMAR S			14	14	28	56	14
184	411515114150		PRASANNA S			20	20	40	80	20
185	411515114151	B47	PRASANTH S	CARBON MONOXIDE EMISSION CONTROL FOR 4 STROKE SI ENGINE USING SCRUBBER	Ms.SOWMYA	20	20	40	80	20
186	411515114154		PRAVEEN KUMAR P			21	21	42	84	21
187	411515114156		PRAVEENRAJ R			23	23	46	92	23

188	411515114159		PUVIYARASAN J M			22	22	44	88	22
189	411515114163	B48	RAHUL RISHI M	DESIGN AND BUILD UP OF REMOTE CONTROL STIR CASTING MAGNESIUM FURNACE AND PRODUCTION OF NEW MAGNESIUM ALLOY	Mr.SARATH BABU P	19	19	38	76	19
190	411515114164		RAJA P			20	20	40	80	20
191	411515114167		RAKESH M			20	20	40	80	20
192	411515114168		RAMANATHAN K			19	19	38	76	19
193	411515114169	B49	RANJITH A	SYNTHESIS OF AIN- TiB2 BASED SELF LUBRICATING CERAMIC INSERTS FOR METAL CUTTING APPLICATIONS	Mr.BERTRAM NIRMAL PHILIP	20	20	40	80	20
194	411515114172		REMI A			20	20	40	80	20
195	411515114175		SABARINATHAN T			16	16	32	64	16
196	411515114181		SANTHAKUMAR C			16	16	32	64	16
197	411515114182	B50	SANTHOSH C G	DESIGN AND ANALYSIS OF DAMPED MILLING TOOL	Mr.SULTHAN BATCHA Y	14	14	28	56	14
198	411515114185		SATHISH M			16	16	32	64	16
199	411515114186		SATHISH R			14	14	28	56	14
200	411515114188		SATHISH KUMAR S (30			24	24	48	96	24
201	411515114190	B51	SATHYA	FAILURE ANALYSIS AND FINITE ELEMENT SIMULATION STUDIES OF FASTENERS	Mr.PRABHU A	17	17	34	68	17
202	411515114192		SELVARAJ S			19	19	38	76	19
203	411515114195		SHIVANESAN B			18	18	36	72	18
204	411515114198		SIVAMANIKANADAN			14	14	28	56	14
205	411515114202	B52	SUBASH K	AN INVESTIGATION OF MECHANICAL PROPERTIES BY GRAPHENE REINFORCEMENT IN Al/SiC COMPOSITES	Mr.PRABHU A	11	11	22	44	11
206	411515114203		SUDIR S			12	12	24	48	12
207	411515114208		SURESH B			24	24	48	96	24
208	411515114209		SURESH T			22	22	44	88	22
209	411515114210	B53	SURYA M	AN INVESTIGATION OF FRICTION STIR WELDING ON MAGNESIUM ALLOYS	Mr.G SABARI GIRISH	24	24	48	96	24
210	411515114211		SURYA PRASATH G S			23	23	46	92	23
211	411515114216		THIYAGARAJAN V			19	19	38	76	19
212	411515114217		UDHAYA KUMAR A			14	14	28	56	14
213	411515114218	B54	VASUMADHAN V	AN INVESTIGATION OF EFFECT OF VERTICAL IMPINGEMENT ON COOLING OF SOLAR PV PANEL	Mr.VIJAYAKOTH ANDARAMAN R	16	16	32	64	16
214	411515114219		VIGASH R			20	20	40	80	20
215	411515114221		VIGNESH K			19	19	38	76	19
216	411515114222		VIGNESH M			20	20	40	80	20
217	411515114224	B55	VIGNESH V	ELECTRO MECHANICAL ANALYSIS OF COMPOSITE PLATES	Mr.GNANASEKARAN J	20	20	40	80	20
218	411515114227		VIJAY R			16	16	32	64	16
219	411515114228		VIJAYAKUMAR R			19	19	38	76	19
220	411515114229		VINEETH KUMAR V			17	17	34	68	17

221	411515114234	B56	VINOTH KUMAR G	EXPERIMENTAL INVESTIGATION OF FUEL EFFECTS ON LOW TEMPERATURE COMBUSTION	Mr.SIVASHANKAR V	18	18	36	72	18
222	411515114235		VISHNU K			15	15	30	60	15
223	411515114236		VISHNUVARADHAN C			23	23	46	92	23
224	411515114238		WASIM AKARAM J			16	16	32	64	16
225	411515114240	B57	YOGESH E	IMPROVING THE SHELF LIFE OF BIOLUBRICANTS PRODUCED FROM PONGAMIA PINNATA	Mr.ARUN T	21	21	42	84	21
226	411515114241		YOGESHPRIYADHARSHAN P			18	18	36	72	18
227	411515114301		Abiraj B			16	16	32	64	16
228	411515114302		Anil Kumar P			13	13	26	52	13
229	411515114303	B58	Ashokraja R	FRICTION STIR WELDING IN NUCLEAR GRADE ST	Mr.KARTHICK S	12	12	24	48	12
230	411515114304		Balaji K			17	17	34	68	17
231	411515114307		Devendran S			16	16	32	64	16
232	411515114308		Dinakaran S			14	14	28	56	14
233	411515114309	B59	Gurunathan E	RESIDUAL STRESS MEASUREMENT IN EDM MACHINED COMPONENTS	Mr.SATHISH N	15	15	30	60	15
234	411515114310		Hemanath D			18	18	36	72	18
235	411515114311		Karthickraja K			18	18	36	72	18
236	411515114313	B60	Louis Thomas	INVESTIGATIONS ON THE INFLUENCE OF VARIOUS FIN CONFIGURATIONS ON THE HEAT TRANSFER CHARACTERISTICS OF SHELL AND TUBE HEAT EXCHANGER	Mr.SENTHIL KUMAR R	16	16	32	64	16
237	411515114314		Mahesh Kumar D			19	19	38	76	19
238	411515114315		Ponnurangan S			17	17	34	68	17
239	411515114316		Prakash B			18	18	36	72	18
240	411515114317		Purushothaman M			15	15	30	60	15
241	411515114318	B61	Selvakumar P	INVESTIGATION ON MECHANICAL, WEAR AND CORROSION PROPERTIES AS CAST AND EXTRUDED NAB TUBES	Mr.ARUNKUMAR M	23	23	46	92	23
242	411515114501		M ASWANTH RAJ			16	16	32	64	16
243	411515114502		JOEL VINOD D			21	21	42	84	21

Review Panel

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Department of Mechanical Engineering

CONSOLIDATED SHEET

YEAR/BRANCH : IV MECH 2017-2018

S.No	REG NO	BATCH	NAME	TITLE	GUIDE	Marks			Total (150)	out of 20
						R1	R2	R3		
1	411514114010	B1	ALFRIDA JONA J	INVESTIGATION OF HYBRID FRICTION DIFFUSION WELDING OF DISSIMILAR METALS	Mr.SULTHAN BATCHA Y	23	23	46	92	12
2	411514114079		Jhahnavi V			20	20	40	80	11
3	411514114140		PAVITRA N			15	15	30	60	8
4	411514114181		SARSINI R			17	17	34	68	9
5	411514114193	B2	SOWMIYA D	STUDIES THE MACHINING CHARACTERISTICS OF SUPER ALLOY	Mr.VIJAYAKOTHAND ARAMAN R	18	18	36	72	10
6	411514114003		ABINESH M			15	15	30	60	8
7	411514114004		ADISESHU K			16	16	32	64	9
8	411514114005		Adithya A S			21	21	42	84	11
9	411514114008	B3	Akshay R	EXPERIMENTAL ANALYSIS AND CHARACTERZATION OF PHENOL FORMALDEHYDE BASED COMPOSITES	Mr.VIJAYAKOTHAND ARAMAN R	15	15	30	60	8
10	411514114009		Albert Robin J			18	18	36	72	10
11	411514114013		Anish Nishan Vins T			15	15	30	60	8
12	411514114014		ANITH R			15	15	30	60	8
13	411514114015	B4	ANTO NITHIN A	MECHANICAL CHARACTERISTICS OF FIBER REINFORCED POLYMER MATRIX COMPOSITES WITH	Mr.PRABHU A	12	12	24	48	6
14	411514114020		ARAVINDHAN B			22	22	44	88	12
15	411514114026		Arun Kumar M			17	17	34	68	9
16	411514114027		ASHISH KUMAR			23	23	46	92	12
17	411514114031	B5	BARANITHARAN R	EFFECT OF MECHANICAL PROPERTIES OF FRICTION STIR WELDING ON INCONEL ALLOY 718	Mr.G SABARI GIRISH	21	21	42	84	11
18	411514114033		BARGAVA NARASI			18	18	36	72	10
19	411514114034		BASKAR C K			13	13	26	52	7
20	411514114035		BASKAR K			13	13	26	52	7
21	411514114036	B6	Bharanidharan P	MECHANICAL PROPERTIES AND WEAR BEHAVIOUR OF AL6082 MATRIX COMPOSITES WITH DUAL CERAMIC	Mr.SIVASHANKAR V	20	20	40	80	11
22	411514114037		Bharani Kumar S			23	23	46	92	12
23	411514114043		DENNIS EDGAR C			22	22	44	88	12
24	411514114048		DHIVAKAR S			23	23	46	92	12

25	411514114052	B7	EBENEZER JOSHWA	EXPERIMENTAL INVESTIGATION OF COMBUSTION AND EMISSION CHARACTERISTICS OF BIO	Mr.GNANASEKARAN J	20	20	40	80	11
26	411514114053		ELANGOVAN K			15	15	30	60	8
27	411514114054		ELANGOVAN P			17	17	34	68	9
28	411514114056		FIYAZAHAMED M			18	18	36	72	10
29	411514114057	B8	Fredrick J	SUSTAINABLE MACHINING INVESTIGATION ON Ti ALLOY(Ti-6AL-4V) TEXTURED AND SOLID LUBRICANT	Mr.SENTHIL KUMAR R	15	15	30	60	8
30	411514114059		GOKUL R			16	16	32	64	9
31	411514114060		GOPI HARSHA V V			21	21	42	84	11
32	411514114063		GOWTHAMAN G			15	15	30	60	8
33	411514114064	B9	GURUSHYAM L	INCREASING EFFICIENCY BY USING DESIGN MODIFICATION	Mr.ARUN T	18	18	36	72	10
34	411514114065		Hariharan M			15	15	30	60	8
35	411514114066		Hari Krishnan K			15	15	30	60	8
36	411514114067		Hari Narayan G			12	12	24	48	6
37	411514114069	B10	HARISH J	CTIONLESS VERTICAL WIND M	Mr.KARTHICK S	22	22	44	88	12
38	411514114072		IMMANVEL N			17	17	34	68	9
39	411514114074		JAYAKUMAR S			23	23	46	92	12
40	411514114083		KAILASH V S			21	21	42	84	11
41	411514114084	B11	Kalishwaran R	DESIGN AND EVOLUATION OF CEILING FAN BLADE	Mr.SATHISH N	18	18	36	72	10
42	411514114085		Kaliyappan V			13	13	26	52	7
43	411514114087		KARTHICK A			13	13	26	52	7
44	411514114088		KARTHICK R			20	20	40	80	11
45	411514114089	B12	Karthickeyan S	ASSEMBLY ANALYSIS OF CRAK AND CONNECTING ROD	Ms.SOWMYA	23	23	46	92	12
46	411514114090		KARTHICK PRINCE			22	22	44	88	12
47	411514114091		KARTHIK K			23	23	46	92	12
48	411514114095		KATHURSAN K			20	20	40	80	11
49	411514114097	B13	KHALID T M S	MULTI RESPONSE OPTIMIZATION OF TURNING PROCESS PARAMETERS USING TOPSIS APPROACH	Mr.ARUNKUMAR M	15	15	30	60	8
50	411514114104		LOHITH K M			17	17	34	68	9
51	411514114106		Madhav G			18	18	36	72	10
52	411514114107		MANDAVA SIVARAM GOPAL			15	15	30	60	8

53	411514114108	B14	MANIKANDAN A	EFFECT OF MACHINING PARAMETERS ON TOOL WEAR IN HOT TURNING TUBLESS STAINLESS STEEL	Mr.PRIYA G	16	16	32	64	9
54	411514114112		MATHANKUMAR M			21	21	42	84	11
55	411514114114		MOHAMED ASIF IQ			15	15	30	60	8
56	411514114116		MOHAMMED SALMAAN AHMED J			18	18	36	72	10
57	411514114117	B15	MONISH R	E ANALYSIS OF MULTI BLADE C	Mr.SULTHAN BATCHA Y	15	15	30	60	8
58	411514114118		MUGILAN D			15	15	30	60	8
59	411514114119		MUGILARASAN S			12	12	24	48	6
60	411514114120		MUKESH KUMAR S			22	22	44	88	12
61	411514114124	B16	NARESH BABU M	DESIGN AND EVOLUATION OF TWO WHEELER SUSPENSION SYSTEM FOR VARIABLE LOAD CONDITIONS	Mr.SARATH BABU P	17	17	34	68	9
62	411514114132		Naveen Kumar T			23	23	46	92	12
63	411514114134		NEELA NARAYANA			21	21	42	84	11
64	411514114136		OMKAR M			18	18	36	72	10
65	411514114137	B17	PANDIYARAJ G	INVESTIGATION OF CUTTING FORCE ON SURFACE TOUGHNESS DURING HOT TURNING OF TUBLESS STAINLESS STEEL WITH CERAMIC INSERTS USING	Mr.BERTRAM NIRMAL PHILIP	13	13	26	52	7
66	411514114138		PASUPATHI C			13	13	26	52	7
67	411514114139		Paul Charles J			20	20	40	80	11
68	411514114144		PRAKASH A			23	23	46	92	12
69	411514114145	B18	PRASANNA KUMAR	PLATE FIN AND TUBE CONDENSER PERFORMANCE AND DESIGN FOR AC	Mr.SIVASHANKAR V	22	22	44	88	12
70	411514114151		PURUSHOTHAMAN			23	23	46	92	12
71	411514114152		Purushothaman M			20	20	40	80	11
72	411514114154		RAGAVENDRAN N			15	15	30	60	8
73	411514114155	B19	RAHUL P	OPTIMIZATION OF WELDING PARAMETERS FOR MIG WELDING	Mr.PRABHU A	17	17	34	68	9
74	411514114156		RAHUL KISHAN B			18	18	36	72	10
75	411514114158		RAJASEKAR N			15	15	30	60	8
76	411514114161		Rajivpriyan T			16	16	32	64	9
77	411514114163		RAMALINGAM D	STRESS ANALYSIS OF		21	21	42	84	11

78	411514114166	B20	RANJITH C	STRESS ANALYSIS OF FUNCTIONALLY GRADED DISC BRAKE	Mr.PRABHU A	15	15	30	60	8
79	411514114167		SACHIN JOSHUA A			18	18	36	72	10
80	411514114169		SAJEEN VINOTH R			15	15	30	60	8
81	411514114170	B21	SAMUEL STEVEN G	FAILURE ANALYSIS OF SERIAL PINNED JOINTS IN COMPOSITE MATERIALS	Mr.G SABARI GIRISH	15	15	30	60	8
82	411514114171		SAMUVEL B			12	12	24	48	6
83	411514114173		Santhosh M			22	22	44	88	12
84	411514114175		SANTHOSH S			17	17	34	68	9
85	411514114176	B22	SANTHOSH KUMAR	CAUSES ANALYSIS OF WELDE	Mr.VIJAYAKOTHANDARAMAN R	23	23	46	92	12
86	411514114177		SARATH KUMAR S			21	21	42	84	11
87	411514114179		SARAVANAN M			18	18	36	72	10
88	411514114182		SELVA GURU S			13	13	26	52	7
89	411514114184	B23	Selvaraj M	DESIGN OF AN ACTIVE CAR CHASSIS FRAME INCORPORATING MAGNETO RHEOLOGICAL FLUID	Mr.GNANASEKARAN J	13	13	26	52	7
90	411514114187		SHANMUGAM E			20	20	40	80	11
91	411514114189		SHYAM SUNDAR R			23	23	46	92	12
92	411514114190		SIVAPRAKASH P			22	22	44	88	12
93	411514114194	B24	Sriharish S	DESIGN OF AUTOMATED GUIDED VEHICLES FOR FLEXIBLE MANUFACTURING SYSTEMS	Mr.SENTHIL KUMAR R	23	23	46	92	12
94	411514114196		SRINIVASAN R			20	20	40	80	11
95	411514114197		SRISHARAN KP			15	15	30	60	8
96	411514114198		SUBASH T			17	17	34	68	9
99	411514114208	B25	THIYAGARAJAN E	DESIGN OF EFFICIENT PRODUCTION SYSTEMS	Mr.ARUN T	16	16	32	64	9
100	411514114210		VEERABAGU G S			21	21	42	84	11
101	411514114211	B26	VENGATESH D	DESIGN, ANALYSIS, FABRICATION AND TESTING OF A COMPOSITE LEAF SPRING	Mr.KARTHICK S	15	15	30	60	8
102	411514114212		VENKATESH E			18	18	36	72	10
103	411514114215		VIGNESH V			15	15	30	60	8
104	411514114218		VIJAYA RAGAVAN			15	15	30	60	8
105	411514114222	B27	VISHNU PANDIAN S	DESIGN, IMPLEMENTATION, UTILIZATION OF FEM	Mr.SATHISH N	12	12	24	48	6
106	411514114223		VISHWANATHAN K			22	22	44	88	12
107	411514114303		Arunkumar U			17	17	34	68	9
108	411514114308		DHILIP V			23	23	46	92	12
109	411514114311		Karthick M	DETERMINATION OF		21	21	42	84	11

110	411514114313	B28	MADHAN KUMAR E	DETERMINATION OF TRANSMISSION SPECTA USING ULTRASONIC NDE	Mr.PRABHU A	18	18	36	72	10
111	411514114316		MOHAMED ASLAM			13	13	26	52	7
112	411514114317		Nandha Kumar G			13	13	26	52	7
113	411514114318	B29	NAVEEN KUMAR M	DEVELOPMENT IN ARC WELDING PROCESS USING ROBOT	Mr.ARUNKUMAR M	20	20	40	80	11
114	411514114319		Parthiban N			23	23	46	92	12
115	411514114321		PRAKASH S			22	22	44	88	12
116	411514114326		SANTHOSH U			23	23	46	92	12
117	411514114001	B30	Aashik Rahuman Y	DEVELOPMENT OF AN ULTRASOUND SENSOR FOR HIGH ENERGY MEDICAL APPLICATIONS	Mr.PRIYA G	20	20	40	80	11
118	411514114007		Akash F			15	15	30	60	8
119	411514114011		Ananth R			17	17	34	68	9
120	411514114012		Anish R			18	18	36	72	10
121	411514114016	B31	Antony Alexander J	DEVELOPMENT OF COATED ELECRODES FOR WELDING OF HSLA STEELS	Ms.SOWMYA	15	15	30	60	8
122	411514114017		Aravind A			16	16	32	64	9
123	411514114019		Aravindan V			21	21	42	84	11
124	411514114021		Aravindhan M			15	15	30	60	8
125	411514114022	B32	Aravind Kumar S P	DEVELOPMENT OF MULTIPURPOSE COCONUT CUTTING MACHINE	Mr.SARATH BABU P	18	18	36	72	10
126	411514114023		Arnesh G			15	15	30	60	8
127	411514114024		Arun M			15	15	30	60	8
128	411514114025		ARUN KUMAR K			12	12	24	48	6
129	411514114032	B33	Barath Kumar R	DESIGN AND ANALYSIS OF CROP CUTTER	Mr.BERTRAM NIRMAL PHILIP	22	22	44	88	12
130	411514114038		Bharath P R			17	17	34	68	9
131	411514114039		Bharathi G			21	21	42	84	11
132	411514114040		Bharathi Siva S			17	17	34	68	9
133	411514114045	B34	Dhananjayan G	HYBRID SOLAR CHIMNEY WITH SALT WATER DESALINATION AND POWER GENERATION	Mr.SULTHAN BATCHA Y	15	15	30	60	8
134	411514114046		Dharmesh K			11	11	22	44	6
135	411514114047		Dhinakaran R			14	14	28	56	7
136	411514114049		Dinesh Kumar K R			23	23	46	92	12
137	411514114050	B35	Dinesh Kumar S	OPTIMIZATION OF BIOGAS GENERATION FROM HOUSEHOLD WASTE	Mr.BERTRAM NIRMAL PHILIP	25	25	50	100	13
138	411514114055		Evandher Umesh G S			25	25	50	100	13
139	411514114058		Gajarajan G			23	23	46	92	12
140	411514114061		Goutham Narayanan			19	19	38	76	10

141	411514114068	B36	HARIRAM S	ACETYLENE USED AS ALTERNATIVE FUEL IN PETROL ENGINE	Mr.PRABHU A	16	16	32	64	9
142	411514114070		Harishkanna M			18	18	36	72	10
143	411514114071		Humrish T			19	19	38	76	10
144	411514114073		Janarthanan J			17	17	34	68	9
145	411514114075	B37	JAYANDHAN N	HEAT TRANSFER STUDY OF SYNTHETIC AIR JET FOR EFFECTIVE COOLING	Mr.G SABARI GIRISH	18	18	36	72	10
146	411514114076		Jayaram S			16	16	32	64	9
147	411514114077		Jayaseelan K			15	15	30	60	8
148	411514114078		Jayasurya K			15	15	30	60	8
149	411514114081	B38	Jones Daniel M	PRODUCTION OF BIODIESEL FROM MANILKARA ZAPOTA SEED OIL	Mr.VIJAYAKOTHANDARAMAN R	13	13	26	52	7
150	411514114082		JOSEPH MARIA SEL			14	14	28	56	7
151	411514114092		KARTHIK M V			18	18	36	72	10
152	411514114093		KARTHIKEYAN J			23	23	46	92	12
153	411514114094	B39	Karthikeyan K	DESIGN AND FABRICATION CONCENTRATED CONE SOLAR COLLECTOR	Mr.GNANASEKARAN J	18	18	36	72	10
154	411514114096		Keerthy Vasan N G			21	21	42	84	11
155	411514114099		Kishore K			18	18	36	72	10
156	411514114103		Logeswaran B P			13	13	26	52	7
157	411514114105	B40	Madhan R	COST REDUCTION IN CYLINDER	Mr.SIVASHANKAR V	11	11	22	44	6
158	411514114109		Manikandan C			14	14	28	56	7
159	411514114110		Manikandan M			23	23	46	92	12
160	411514114111		Manimaran M S			25	25	50	100	13
161	411514114113	B41	Meganathan S	RETRO FITTING OF GRINDING OPERATIONS IN LATHE	Mr.ARUN T	25	25	50	100	13
162	411514114115		Mohammed Inzamam S			23	23	46	92	12
163	411514114122		Narendharnath M			22	22	44	88	12
164	411514114123		Naresh M			19	19	38	76	10
165	411514114125	B42	Naveen Balaji S	STRESS ANALYSIS ON HIGH TEMPERATURE SODIUM LOOP IN NUCLEAR POWER PLANT	Mr.KARTHICK S	20	20	40	80	11
166	411514114126		Naveenkumar V			20	20	40	80	11
167	411514114127		Naveen Kumar A G			16	16	32	64	9
168	411514114129		Naveen Kumar K (1995-05-12)			17	17	34	68	9
169	411514114133		Naveen Vignesh K	DESIGN AND FABRICATION		18	18	36	72	10

170	411514114135	B43	Nishal Michael S	DESIGN AND FABRICATION OF FIXTURE FOR SAFOP MACHINE	Mr.SATHISH N	15	15	30	60	8
171	411514114141		Pradeep Kumar E			17	17	34	68	9
172	411514114146		Prasanth Marshal M			15	15	30	60	8
173	411514114147	B44	PRASATH A	EVALUATION OF FRACTURE PARAMETERS AND FRACTURE STRENGTH OF SPECIMENS AND PRESSURE	Mr.SENTHIL KUMAR R	14	14	28	56	7
174	411514114148		Praveen Gk			14	14	28	56	7
175	411514114150		Pravin Kumar R			22	22	44	88	12
176	411514114157		Rajaraman G			15	15	30	60	8
177	411514114159	B45	Rajavijay K	FINITE ELEMENT ANALYSIS OF	Mr.ARUNKUMAR M	19	19	38	76	10
178	411514114160		Rajesh A			22	22	44	88	12
179	411514114162		Rajkumar P			15	15	30	60	8
180	411514114164		Ramesh S			14	14	28	56	7
181	411514114165	B46	Rampraveen R	NON LINEAR UCKLING ANALY	Mr.PRIYA G	14	14	28	56	7
182	411514114168		Saisanam P V			20	20	40	80	11
183	411514114172		Sanjay Kumar J			20	20	40	80	11
184	411514114174		Santhosh R			21	21	42	84	11
185	411514114178	B47	Saravanan J	PROCESS OPTIMIZATION AND COST REDUCTION IN MANUFACTURING UNIT	Ms.SOWMYA	23	23	46	92	12
186	411514114180		Saravanan S			22	22	44	88	12
187	411514114183		Selvam G			19	19	38	76	10
188	411514114185		Senthilvel S			20	20	40	80	11
189	411514114186	B48	Sethupathy N	MODELLING AND SIMULATION OF PROPELLER SHAFT(TATA 407)	Mr.SARATH BABU P	20	20	40	80	11
190	411514114188		Shaveen V			19	19	38	76	10
191	411514114192		Solvendhan M			20	20	40	80	11
192	411514114195		SRINATH K			20	20	40	80	11
193	411514114199	B49	SUBASHKARAN P	DESIGN AND FABRICATION OF ELLIPTICAL TUBE HEAT PIPE	Mr.BERTRAM NIRMAL PHILIP	16	16	32	64	9
194	411514114200		Suganthan S			16	16	32	64	9
195	411514114201		Surendar Kumar S			14	14	28	56	7
196	411514114204		Tamil Selvan K			16	16	32	64	9
197	411514114205	B50	Tamizhmugilan M	LEAN IMPLEMENTATION IN THE MANUFACTURING CELL	Mr.SULTHAN BATCHA Y	14	14	28	56	7
198	411514114207		Thangamani P			24	24	48	96	13
199	411514114213		Vetrivel M			17	17	34	68	9
200	411514114214		Vignesh S			19	19	38	76	10

201	411514114217	B51	Vigneshwaran M	INFLUNCE OF CRYOZENIC TREATMENT FOR THE WEAR RESISTANCE OF BEARING STEELS	Mr.PRABHU A	18	18	36	72	10
202	411514114219		Vimal Raj S			14	14	28	56	7
203	411514114220		VINOTH M			11	11	22	44	6
204	411514114221		Vishnu P C			12	12	24	48	6
205	411514114224	B52	Viswanath S	PERFORMANCE ANALYSIS OF SOLAR PANEL USING PIN FINS	Mr.PRABHU A	24	24	48	96	13
206	411514114225		Vivek N			22	22	44	88	12
207	411514114226		Vivek S			24	24	48	96	13
208	411514114227		Yabes Kirubakaran A			23	23	46	92	12
209	411514114229	B53	Yugash D	DESIGN AND BUILD UP OF REMOTE CONTROL STIR CASTING MAGNESIUM FURNACE AND PRODUCTION	Mr.G SABARI GIRISH	19	19	38	76	10
210	411514114230		Yuvaraj T			14	14	28	56	7
211	411514114302		ANAND S S J			16	16	32	64	9
212	411514114305		Ashwath Jayaram S			20	20	40	80	11
213	411514114309	B54	Inigo Jefferson J T	DESIGN AND ANALYSIS OF DAMPED MILLING TOOL	Mr.VIJAYAKOTHAND ARAMAN R	19	19	38	76	10
214	411514114310		Jai Kumar S			20	20	40	80	11
215	411514114312		Kuppuswamy T			20	20	40	80	11
216	411514114314		Manikandan A			16	16	32	64	9
217	411514114315	B55	Manoj A	FRICTION STIR WELDING IN NU	Mr.GNANASEKARAN J	19	19	38	76	10
218	411514114320		PRABU M			17	17	34	68	9
219	411514114322		Raghunathan S			18	18	36	72	10
220	411514114323		Ramachandran P N			15	15	30	60	8
221	411514114324	B56	Revanth T	PERFORMANCE EVALUATION OF HYBRID GASOLINE VEHICLE	Mr.SIVASHANKAR V	23	23	46	92	12
222	411514114325		Rithesh Kumar R			16	16	32	64	9
223	411514114328		Selva Kumar V			21	21	42	84	11
224	411514114329		Sharath Kumar D			18	18	36	72	10
225	411514114330	B57	Suresh Kumar E	RETRO FITTING OF GRINDING (	Mr.ARUN T	16	16	32	64	9
226	411514114331		Suryaprakash P			13	13	26	52	7
227	411514114332		Tamil Selvan B			12	12	24	48	6
228	411514114333		Thilak Raj V			17	17	34	68	9
229	411514114334	B58	Vignesh H	STRESS ANALYSIS ON HIGH TEMPERATURE SODIUM LOOP	Mr.KARTHICK S	16	16	32	64	9
230	411514114335		Vignesh K			14	14	28	56	7

31	411514114336	B58	Vignesh R	TEMPERATURE SODIUM LOOP IN NUCLEAR POWER PLANT	Mr.KARTHICK S	15	15	30	60	8
32	411514114337		Yuvaraj G			18	18	36	72	10
33	411514114701	59	Paramesh L	DESIGN AND DEVELOPMENT OF BENDING STRENGTH IN AMC FOR THE FABRICATION	Mr.SATHISH N	14	14	28	56	7
34	411514114901		Srikrishna V			15	15	30	60	8
35	411514114902		Eshwar Abhinav M			18	18	36	72	10

Review Panel

PRABHAKARAN.D

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PERI INSTITUTE OF TECHNOLOGY CHENNAI 600 048

PERI INSTITUTE OF TECHNOLOGY, CHENNAI-48.
PROJECT DETAILS-IV/A MECHANICAL ENGG. MARCH 2016

Sl. No.	Batch No.	Reg. No.	Student Name	Domain	Project Title	Internal Guide	Company Name	External Guide
1.	1	411512114044	N.Manikandan	Energy	Kinetic Energy Recovery Bicycle	N.T.Jayaprakash	-	-
2.		411512114052	B.Murali					
3.		411512114065	P.Prabakaran					
4.		411512114067	N.Prabhu					
5.	2	411512114006	M.Anbu	Automobile	Design & Fabrication Of Automatic Tyre Inflation System	G.K.Kannan	-	-
6.		411512114029	K.Guruvenkatesan					
7.		411512114031	S.Harinarayan					
8.		411512114061	R.Nirmalkumar					
9.	3	411512114010	S.Aravinth	Manufacturing	Electric Furnace Using Nichrome Wire	S.Karthick	-	-
10.		411512114014	R.Arunraj					
11.		411512114028	K.Gopinath					
12.		411512114060	R.Naveenkumar					
13.	4	411512114009	M.Appukutti	Energy	Power Generation And Desalination	R.Thiyagu	-	-
14.		411512114012	B.Arumugham					
15.		411512114035	J.Jeyamani					
16.		411512114063	S.Pavithran					
17.	5	411512114002	P.Abdul Hackeem	Alternate Fuels	Hydrogen Fuel Engines	G.K.Kannan	-	-
18.		411512114047	M.Mathish					

Sl. No.	Batch No.	Reg. No.	Student Name	Domain	Project Title	Internal Guide	Company Name	External Guide
19.	5	411512114049	M.Mohammed Arafath	Alternate Fuels	Hydrogen Fuel Engines	G.K.Kannan	-	-
20.		411512114051	S.Moses					
21.	6	411512114017	M.Balasingh	Automobile	Hybrid Vehicle Setup	S.Stephen Bernard	-	-
22.		411512114043	N.Manikandan					
23.		411512114057	K.Nareshkumar					
24.		411512114059	V.Naveen					
25.	7	411512114007	S.V.Anbu	Design	Bore Well Rescue System	R.Vijayakothanda -raman	-	-
26.		411512114018	P.S. Daniel Joshua Paul					
27.		411512114025	A.Ferozkhan					
28.		411512114027	P.Gogulprasath					
29.	8	411512114023	E.Diwakar	Design	Design & Analysis Of 3D Printer	S.Karthick	-	-
30.		411512114030	S.Hariharan					
31.		411512114034	V.Jeevanandhan					
32.	9	411512114004	B.Abhirakshan	Design	Fabrication Of 3D Printer	S.Karthick	-	-
33.		411512114019	M.Deepak					
34.		411512114053	V.Murugananthan					
35.		411512114022	J.Divagar					

Sl. No.	Batch No.	Reg. No.	Student Name	Domain	Project Title	Internal Guide	Company Name	External Guide
36.	10	411512114026	P. Ganapathy Raja	Energy	Helix Vertical Axis Wind Turbine	A.Prabhu	-	-
37.		411512114033	C.Jayaraj					
38.		411512114041	S.Kumaresan					
39.		411512114048	M.Mohamed Imran					
40.	11	411512114001	S.Aashiq Ahmed	Design	Self Balancing Bicycle	G.K.Kannan	-	-
41.		411512114013	S.Arun					
42.		411512114024	N.R.Ezhilarasan					
43.		411512114036	R.Kalaiyarasan					
44.	12	411512114037	M.Karthik	Design	Water Generation From Atmospheric Air	N.A.Prabhu	-	-
45.		411512114046	M.Marudhu Pandi					
46.		411512114054	R.Murugesh					
47.		411512114058	G.Naveen					
48.	13	411512114008	Y.Anto Anbarasu	Manufacturing	Hybrid Multiple Machining	R.Thiyagu	-	-
49.		411512114011	R.Arnold Joseph					
50.		411512114032	S.Jafar Hussain					
51.		411512114056	P.L.Nagappan					
52.	14	411512114016	G.Balakrishnan	Manufacturing	Fabrication Of Geneva Wheel Based Auto Roll Punching Machine	G.K.Kannan	-	-
53.		411512114020	A.Dhivyaprakash					

Sl. No.	Batch No.	Reg. No.	Student Name	Domain	Project Title	Internal Guide	Company Name	External Guide
54.	14	411512114040	P.Keerthivasan	Manufacturing	Fabrication Of Geneva Wheel Based Auto Roll Punching Machine	G.K.Kannan	-	-
55.		411512114069	A.Prakash					
56.	15	411512114045	R.Manojkumar	Manufacturing	Composite Materials On Fibre Glass On Various Environment	S.Stephen Bernard	-	-
57.		411512114055	R.Muthamizh Muthalvan					
58.		411512114064	Pawn Lohchab					
59.		411512114068	T.M.Pradeep					
60.	16	411512114021	T.Dineshkumar	Design	Modern Chainless Wheelchair	P.Vasanth Raj	-	-
61.		411512114038	M.Karthikeyan					
62.		411512114039	C.Karthik Kameshwar					
63.		411512114050	S.Mohankumar					

PROJECT COORDINATOR

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PRINCIPAL

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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF MECHANICAL ENGINEERING
FINAL YEAR MECH B PROJECT DETAILS - MARCH - 2016

S.NO	BATCH NO	REG NO	STUDENT NAME	DOMAIN	PROJECT TITLE	INTERNAL GUIDE
1	1	411512114005	K.C.ABISHEK	MANUFACTURING	ANAYSIS OF ADVANCED CASTING METHOD	S.KARTHICK
2		411512114071	PREMNATH K			
3		411512114080	SANGEETHRAJ D			
4		411512114084	SARAVANAN S			
5	2	411512114072	PURUSHOTHAMAN B	AUTOMOBILE	REVERSE GEAR MECHANISM IN 2 WHEELER	S.KARTHICK
6		411512114076	RANJITH KUMAR P			
7		411512114079	SAIBULHUG S			
8		411512114092	SRIHARI D			
9	3	411512114075	RANJITH S	DESIGN	DESIGN AND FABRICATION OF SOID WASTE REMOVER	SUTHAN BATCHA.Y
10		411512114099	VARUN KUMAR N			
11		411512114104	VIJAY B			
12		411512114311	RAVI SANKAR.S			
13	4	411512114074	RAM PRAMOD M	DESIGN	DESIGN OF LINKING TWO PLATFORM	R.VIJAYAOTHANDARAMAN
14		411512114077	RANJITH KUMAR S			
15		411512114105	VIJAY ABRAHAM W			
16		411512114704	ANTONY JOSEPH			
17	5	411512114070	PRAVIN M P	THERMAL	DESIGN AND FABRICATION OF FAN COOLING SYSTEM	S.KARTHICK
18		411512114086	SENTHIL KUMAR B			
19		411512114101	VIGNESH MV			
20		411512114307	NAVEEN KUMAR.K			

21	6	411512114090	SIYLVESTER P	MANUFACTURING	PROCESS PANNING FOR HEAD AMP MANUFACTURING	G.K.KANNAN
22		411512114109	VIKRAM BALAJI S			
23		411512114302	BHARANI PANDIAN.V.			
24		411512114313	SHANMUGAVALEN			
25	7	411512114091	SRIDHAR R	MECHATRONICS	UNMANNED GROUND VEHICLE	JAI RAJESH
26		411512114094	SUDHIR KUMAR R			
27		411512114310	RAVIRAJAN.V			
28		411512114314	SRINIVASAN.P			
29	8	411512114078	RUBESH P	ENERGY	FABRICATION OF PYROLYSIS REACTOR	P.VASANTHRAJ
30		411512114081	SANKARLAL P			
31		411512114093	STEWARD JOHN S			
32		411512114095	SURENDRA KUMAR P			
33	9	411512114089	SIVAKUMAR M	MANUFACTURING	DESIGN AND FABRICATION OF PRESS TOOLMACHINE	JAI RAJESH
34		411512114098	THULASIRAMAN M			
35		411512114106	VIJAYA KUMAR S			
36		411512114108	VIJI T			
37	10	411512114102	VIGNESH V	DESIGN	FEA OF LLPG CYLINDER	JAYABASKAR
38		411512114114	VISHAL RAJA T			
39		411512114115	VISHNU VARDHAN M			
40		411512114301	AVINASH BABU.T.D			

41	11	411512114083	SANTHOSH R	ENERGY	ELECTRICAL POWER GENERATION USING FOOTSTEP	NA PRABHU
42		411512114303	DILIP KUMAR.M			
43		411512114304	HARI KRISHNAN.S			
44		411512114315	VASANTH SHAAJI.V			
45	12	411512114112	VISHAL M	AUTOMOBILE	ZEROLAG COMPRESSOR	R.VIJAYAOTHANDARAMAN
46		411512114701	PRADEEP.M			
47		411512114702	DINESH KUMAR.V			
48		411512114703	ASWIN YADAV.S			
49	13	411512114100	VIGNESH E	AUTOMOBILE	PERFORMANCE AND ENHANCEMENT OF CUSTOMIZE 4S ENGINE	A.PRABHU
50		411512114306	LOKESHWARAN.D			
51		411512114308	RAJESH.G			
52		411512114312	RICHARD PAUL.M.S			
53	14	411512114087	SHANMUGAM S	ENERGY	DESIGN AND FABRICATION OF EGR	S.KARTHICK
54		411512114088	SHYAM SUNDER R			
55		411512114096	TAMILARASAN G			
56		411512114316	VIJAYA KUMAR S			
57	15	411512114085	SEDHU MADHAVAN V	DESIGN	WATER LEAKAGE SENSING ROBOT	A.PRABHU
58		411512114111	VINOTH KUMAR PV			
59		411512114309	RAJESH.M			
60	16	411512114073	PUSHPARAJ S	ENERGY	ELECTRICAL POWER GENERATION USING WIND AND TIDAL ENERGY	S.KARTHICK
61		411512114097	TAMILVANAN R			
62		411512114110	VINOTH KUMAR M			
63		411512114113	VISHAL DANIEL G			

Project Co-ordinator

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10/8/18

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ANNA UNIVERRSITY PRACTICAL EXAMINATION: CHENNAI 600025

UNIVERSITY PRACTICAL EXAMINATION APRIL-MAY 2017

SUBJECT NAME : PROJECT WORK

SEM/DEPT : VIII / MECHANICAL

SUBJECT CODE : ME 6811

BATCH.NO	REG.NO	NAME	GUIDE	TOPIC
1	411513114002	Abhilash kumar.M.S	Mr.Stephen Bernard	Reciprocating rack and pinion engine
	411513114033	Dinesh.S		
	411513114016	Ayyappan.K		
	411513114045	Gowtham.S		
2	411513114003	Ajith joseph.J	Mr.Vijayakodhandaraman	Development of jig for magnetic clutch removal in Specific Mining Equipment
	411513114038	Gajendran.P		
	411513114052	Janaki raman.P.S		
	411513114307	Dhipan karthik.M		
3	411513114005	Akshay kumar.S	Mrs.Vaishnavi	Dual fuel two wheeler
	411513114001	Abhethen.K.S		
	411513114006	Amarnath.T		
	411513114019	Balaji.D		
4	411513114010	Arun.A	Mrs.Vaishnavi	Natural fibre reinforced composite analysis
	411513114009	Aruljothi.A		
	411513114004	Ajith kumar.S		
	411513114303	Arun kumar.P.K		
5	411513114020	Bharath.S	Mrs.Vaishnavi	Dual power generation in automobiles
	411513114013	Ashok kumar.P		
	411513114020	Balaji.P		
	411513114030	Devarpiran.P		

6	411513114015	Aswinth.R	Mr.Jayabaskar	Design and simulation of modified silencer using CFD
	411513114046	Grace christon.B		
	411513114036	Dinesh kumar.S		
	411513114011	Arun kumar.A		
7	411513114028	Deepak.V	Mr.Asogan	Analysis of circulating water system performance in improvement in thermal power station 2
	411513114017	Balachandar.J		
	411513114034	Dinesh deva.T		
	411513114042	Gopinath.G		
8	411513114007	Anandharaj.A	Mr.Thennarasan	Determination and improvement of mechanical properties of KAJRAL laminate
	411513114021	Balakumar.R		
	411513114008	Aravindhakumar.M		
	411513114024	Biju.A		
9	411513114023	Bibin.L	Mr.Kumaran	Experimental investigation on Pin Fin
	411513114309	Dinesh kumar.A		
	411513114018	Balachandrakumar.V.		
	411513114032	Dhiva.V		
10	411513114039	Ganesh kumar.M	Mr.Karthick	Accelerometer controlled wheel chair
	411513114027	Danish kumar.S		
	411513114035	Dinesh kumar.S		
	411513114311	Gobinath.k		

11	411513114048	Gunasekaran.R	Mr.Karthick	Experimental investigation on stainless steel mesh fibre fabricated composite
	411513114049	Hemanath.R		
	411513114044	Gowtham.M		
	411513114051	Imran ahmed.A		
12	411513114301	Adarsh jaison.W	Mr.Vijayakodhandaraman	Design and fabrication of treadmill bicycle with power generation
	411513114302	Ajith.S		
	411513114306	Balaji.M		
	411513114310	Gnanasekaran.K		
13	411513114304	Ashok.J	Mr.Ashok kumar	Design of misalignment rectifier system for a marine propeller shaft
	411513114305	Ayyaparaja.P		
	411513114031	Dhinesh.G		
	411513114308	Dineshkanth.C		
14	411513114029	Deepak raju.K	Mr.Kumaran	Performance and emission analysis of piston using copper coating in SI engine
	411513114026	Christy lenin.S		
	411513114012	Arun kumar.B		
	411513114041	Gokul prasad.R		
15	411513114047	Gunasekaran.K	Mr.Jayabaskar	PERFOMANCE ANALYSIS OF BIODIESEL (PALM OIL)
	411513114312	Gopikumar.E		

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PERI INSTITUTE OF TECHNOLOGY
MECHANICAL DEPARTMENT
FINAL YEAR PROJECT 2016-2017 (Bsec & C sec)

S No	Register Number	Name of the students	Project Title	Guide
1	411513114022	BHARATH R	DESIGN AND FABRICATION OF TWO CHASSIS VEHICLE TO DRIVE FOUR DIRECTIONS	Mr. N.A.Prabhu
	411513114054	JEEVAMATHI M		
	411513114058	KARTHICK A		
	411513114062	KOVARASAN K		
2	411513114066	KUMARESAN K	DESIGN AND FABRICATION OF LINE FOLLOWER ROBOT	Mr.L.Saravanakumar
	411513114070	MAGESH G		
	411513114075	MARK JONES M		
	411513114080	MONISH M		
3	411513114084	NARENDRAN M	DESIGN AND FABRICATION OF DRONE	Mr.S.Rajkumar
	411513114089	NOAH SUDHAKAR D		
	411513114093	PRADEEP V		
	411513114097	PRASANTH INFANT RAJ P		
4	411513114101	PURUSHOTHAMAN U	DESIGN AND FABRICATION OF INCREASING BATTERY EFFICIENCY OF ELECTRIC CAR WITH ALTERNATOR	Mr. R.Rajasekaran
	411513114106	RENUGOPAL E		
	411513114110	SANTHOSH R		
	411513114114	SATHISH V		
5	411513114118	SIBI CHANAKIYA R	DESIGN AND FABRICATION OF RAM PUMP	Dr.M.Shivashanmugam
	411513114122	SRIDARAN B G		
	411513114126	SUDHARSAN B		
	411513114130	SYED MOHAMMED KHALID		
6	411513114134	UMA SHANKAR T	DESIGN AND FABRICATION OF CONVERSION NOISE POLLUTION IN TO ELECRICAL ENERGY	Mr.N.Balanarasimman
	411513114138	VETRI VIGNESHWAR M		
	411513114142	VIGNESH R		
	411513114146	VIGNESHWARAN P		
7	411513114151	VISHWANATHAN D	DESIGN AND FABRICATION OF WATER LEVEL MANIFESTATION	Mr.C.Rajendran
	411513114314	JEFFRY JASMINE J S		
	411513114318	MUGUNTHAN S		
	411513114322	PRAVEEN KUMAR A		

8	411513114326	RENGASAMY V	DESIGN AND FABRICATION OF MULTIPURPOSE AGRICULTURAL VEHICLE	Dr.S .Prabhakar
	411513114330	VENKATAPRASATH M		
	411513114334	VIJAY KARTHIK S K		
	411513114037	FRANKLIN J		
9	411513114055	JOHN DANIEL S	DESIGN AND FABRICATION OF FREE ENERGY MOBILE CHARGER	Mr. R.Vijaykothandaraman
	411513114059	KARTHIK A		
	411513114063	KRISHNAKUMAAR S		
	411513114067	LILTON M		
10	411513114072	MANIBALAN R	DESIGN AND FABRICATION OF AGRI BOUNDARY CUTTER	Mr. R.Thiyagu
	411513114076	MOHAMED MUSTHAFA M		
	411513114081	MUNESWARAN G		
	411513114086	NAVEEN KUMAR G		
11	411513114090	POWN KUMAR J	DESIGN AND FABRICATION OF SELF STOPPING SAFETY SAW MACHINE	Mr. N.T.Jeyaprakash
	411513114094	PRADHEEP E		
	411513114098	PRAVEEN M		
	411513114102	RAIJUNE R		
12	411513114107	RICHARD J	PEDEL POWER WATER PURIFIER	Dr. P.Sengottuvel.P
	411513114111	SANTHOSH V		
	411513114115	SATHISH KUMAR G		
	411513114119	SIBI M SWAMY		
13	411513114123	SRINIVASAN V	PERPETUAL MOTION	Mr.K.Venkatesh prabhu
	411513114127	SUDHARSAN S		
	411513114131	THEEPAN CHAKRAVARTHY		
	411513114135	UTHRAPATHI R		
14	411513114139	VIGNESH C	DESIGN OF INVERTED UMBERLLA	Mr. J.G.K.Kumar
	411513114143	VIGNESH R		
	411513114147	VIJAY E		
	411513114152	YUVARAJ M		

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15	411513114315	KARTHIK N	DESIGN AND FABRICATION OF LATHE TOOL	Mr. P.Sakthivel
	411513114319	NATARAJAN K		
	411513114323	RAKESH G		
	411513114327	SANJAY P		
16	411513114331	VIGNESHNARAYANAN V	DESIGN AND FABRICATION OF AGRI CULTIVATION MACHINE	Mr. G.Sabari Girish
	411513114335	VINOTH S		
	411513114050	HEMANTH C		
	411513114056	KALAIARASAN S		
17	411513114060	KATHIR VEL S	DESIGN AND FABRICATION OF CHANGE OF ENGINE BORE DIA	Mr. C.Sakthirajan
	411513114064	KRISHNAN M		
	411513114068	LOKESH KUMAR S		
	411513114073	MANIKANDAN V		
18	411513114078	MOHAMMEDTHAMEENANZ	DESIGN AND FABRICATION OF 2 STROKE ENGINE	Ms. T.Vinitra banu
	411513114082	MUSADDIQUE HASAN S H		
	411513114087	NIJANTHAN U		
	411513114091	PRABAKAR V		
19	411513114095	PRAGADISH S	DESIGN OF GEAR TRAIN	Mr.K.Surya prakash
	411513114099	PREMNATH K		
	411513114104	RANJEETH C R		
	411513114108	RICHMAN G		
20	411513114112	SARANRAJ D	DESIGN AND FABRICATION OF DRILL TOOL	Mr. Jai Rajesh
	411513114116	SELVARAJ S		
	411513114120	SIDHHARTH T G		
	411513114124	STEVEN M		
21	411513114128	SUGAN RAJ K	DESIGN AND FABRICATION OF ROBOTIC	Mr.K.Amarnath
	411513114132	THILAGAN D		
	411513114136	VEERA VIGNESH BALA N		
	411513114140	VIGNESH H		
22	411513114144	VIGNESH KUMAR B	Design and Fabricaion of control and reduce the emission in BS6 Engine	Mr. J.Jayabaskar
	411513114149	VIJAY V		
	411513114153	YUVARAJ P		
	411513114316	KISHORE P		
23	411513114320	NEPOLIYAN M	Design and Fabricaion of mini belt grinder	Mr.S.Yokeshwaran
	411513114324	RANJITH KUMAR P B		
	411513114328	SIVASANKAR J		
	411513114332	VIJAY P		

24	411513114501	VIGNESH WARAN N	Design and Fabricaion of Robotic Arm	Mr. A.K.Babu
	411513114053	JANAKI RAMAN B		
	411513114057	KALAIMARAN R		
	411513114061	KISHORE N		
25	411513114065	KUMARAN M	Design and Fabricaion of self balancing two wheeler vehicle using gyroscope	Mr. T.Surulivel Rajan
	411513114069	MADAN KUMAR S		
	411513114074	MANOJKUMAR K		
	411513114079	MOHAMMED ZIYAHUL HAQ		
26	411513114083	MUTHU A	Design and Fabricaion of road side sand vaccum cleaner	Mr.R.Anbazhagan
	411513114088	NITHISH KUMAR S		
	411513114092	PRADEEP K		
	411513114096	PRAKASH M		
27	411513114100	PURUSHOTHAMAN G	Design and Fabricaion of mini can coolers fridge using peltier	Dr.P.K.Chidambaram
	411513114105	RANJITH KUMAR R		
	411513114109	SANDEEP R		
	411513114113	SARAVANAN S		
28	411513114117	SHYAM SUNDAR S	Design and Fabricaion of automation of packing process	Mr.A.Saravana kumar
	411513114121	SIVASUBRAMANIAN G		
	411513114125	SUBASH S		
	411513114129	SUGIN ELANKAVI R		
29	411513114133	UDAYAKUMAR M	Design and Fabricaion of Table saw project	Mr.A.Prabhu
	411513114137	VETRIVEL T		
	411513114141	VIGNESH M		
	411513114145	VIGNESHWAR D		
30	411513114150	VISHALNAWIN N P	Design and Fabricaion of Mini lathe	Mr. V.Poovalingam
	411513114313	HARISH K		
	411513114317	KUMARAN I K		
	411513114321	PRASANTH K		
31	411513114325	RAYAR VINOTH KUMAR K M	Design and Fabricaion of automation of drone	Mr. C.Sakthirajan
	411513114329	THYAGU SHIVARAJ R		
	411513114333	VIJAY ANANDAN A		

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PERI
INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ME 2453 – PROJECT WORK : APRIL 2015

BATCH	PROJECT TITLE	STUDENT	REG.No	SUPERVISOR	REVIEW I (10)	REVIEW II (20)	REVIEW III (30)	REPORT (20)	GUIDE (20)	TOTAL (100)
1	Influence of shielding gas in resistance spot welding to avoid discolouration in stainless steel	KarthikNarayanan.K.P	411511114020	Mr.R.RAJASEKARAN	10	19	28	20	19	96
		Mohammed Fahad	411511114022		10	18	29	20	19	96
		PillaSriraj	411511114030		10	20	30	20	18	98
		SathishBabu.S	411511114041		10	20	30	20	19	99
2	Design and fabrication of adjustable stretcher chair for paralyzed patient	Padmaraj.M	411511114306	Mr.G.K.KANNAN	8	16	24	19	20	87
		SaravanaKumar.S	411511114308		10	18	27	19	20	94
		SathishKumar.S	411511114309		10	18	27	19	20	94
		Vignesh.S	411511114054		10	20	30	19	20	99
3	Automatic sewage cleaner	Dennish.J	411511114007	Mr.T.SURULIVEL RAJAN	10	18	27	20	20	95
		Sabarirajan.M	411511114037		10	18	27	20	20	95
		Santhosh Kumar.P	411511114038		10	18	26	20	20	94
		Santhosh.R	411511114039		10	18	26	20	20	94
4	Parallel hybrid charger for generation of alternate current	Arvind.C. R	411511114003	Mr.A K BABU	10	18	26	20	18	92
		ImtiazAhmed.I	411511114016		8	17	24	20	16	85
		Syed Yasar Ahmed	411511114048		10	20	30	20	19	99
		Vimallkanth.R	411511114058		10	20	29	20	20	99
5	Design and fabrication of three-wheeler for physically challenged	AroPraveen.A	411511114001	Mr.K.SAMPATH RAJ	8	16	24	18	16	82
		Chinnaraj.K	411511114703		10	19	28	18	20	95
		Mohammed Jaffer Ali.A	411511114305		9	17	26	18	19	89
		Tamilselvan.R	411511114310		9	16	24	18	18	85
6	Anti-reverse braking	GowthamShankar.V	411511114013	Mr.R.JAIRAJESH	10	18	26	18	20	92
		Selvakumar.S	411511114044		8	15	22	18	18	81
		Suban.Chandrakanth.K	411511114045		10	18	28	18	19	93
		VeeraMahendran.M	411511114051		8	16	22	18	20	84
7	Hydro-drive in two-wheeler	Ilanchezhiyan.G.E	411511114303	Mr.A.PRABHU	10	18	25	18	20	91
		JothiKrishna.M	411511114901		10	19	26	18	20	93
		Praveen Kumar.S	411511114307		10	18	28	18	20	94
		Satheesh.S	411511114040		8	18	25	18	20	89
8	Garbaginator (GIN)	Narendra Karthick.R	411511114027	Mr.R.JAIRAJESH	10	18	27	19	20	94
		Prabhu.S	411511114032		8	15	22	19	19	83
		Rajaputhiran.G	411511114034		10	20	29	19	20	98
		Suresh Kumar.P	411511114047		10	18	27	19	18	92
9	Vegetable cutter attachment in conventional wet grinder for commercial applications	Augustin Prabhu.G	411511114004	Mr.R.VIJAY KODHANDARAMAN	10	20	30	18	20	98
		Jobin Mathew	411511114018		9	17	26	18	18	88
		Sathish.S	411511114043		8	16	25	18	19	86
		Vignesh.R	411511114053		10	20	30	18	20	98

PROJECT CO-ORDINATOR

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4/4/15

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INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MECHANICAL ENGINEERING

ME 2453 – PROJECT WORK : APRIL 2015

10	Power generation using engine exhaust gases	Ganesan.N	411511114011	Mr.J.JAYABHASKAR	10	18	27	20	20	95
		MoneshKumar.V	411511114025		10	18	28	20	20	96
		PeranathJothi.D	411511114029		10	20	18	20	20	98
		Prabhu.A	411511114031		10	18	28	20	20	96
11	Design and fabrication of Bio-coal machine	Suresh Krishna.K	411511114046	Mr.J.G.K. KUMAR	10	18	27	18	19	92
		Vignesh.M	411511114052		10	18	26	18	18	90
		Vijay.M	411511114055		8	16	24	18	19	85
		Vijayan.L	411511114056		9	17	24	18	18	86
12	Automatic gear transmission for two-wheeler	Jithendra.K	411511114501	Mr.S.KARTHICK	8	16	24	19	20	87
		Mohammed Suhail.K	411511114023		9	16	24	19	20	88
		ThameemAnsary.N	411511114702		10	20	29	19	20	98
		Vikram Singh	411511114057		8	16	24	19	20	87
13	Design and fabrication of portable painter's self-operated crane	Godfrey Moses.P.J	411511114012	Dr.P.K. CHIDAMBARAM	10	18	28	17	16	89
		Mohammed Irfan.A.S	411511114304		9	16	24	17	16	82
		SathishKumar.R	411511114042		10	17	28	17	15	87
		JagathVenkatesh	411511114017		5	14	20	17	15	71
14	Oxygen enriched combustion technology	ThilipKumar.V.S	411511114049	Mr.S.STEPHEN BERNARD	8	16	24	17	20	85
		Vageesan.G	411511114050		8	16	25	17	20	86
		Velu.V	411511114311		10	17	26	17	20	90
		Vinoth.P	411511114312		9	16	24	17	19	85
15	Design and fabrication of heat exchanger with Fe doped with Al_2O_3-TiO_2 coating	Balaji.R	411511114005	Mr.N.A.PRABHU	10	19	29	18	20	96
		Harish.R	411511114015		10	20	30	18	20	98
		Pasupathi.R	411511114028		9	16	26	18	16	85
		Praveen.P	411511114033		10	18	28	18	15	89
16	Thermal conductivity of insulating material	Franklin Joshua.S	411511114010	Mr.S.STEPHEN BERNARD	5	14	20	14	18	71
		Manikandan.P	411511114021		5	14	20	14	20	73
		MohanaSundar.R	411511114024		8	14	22	14	19	77
		Muralidaran.M	411511114026		5	14	20	14	18	71
17	Solar tracker	ArunKumar.M	411511114301	Mr.SABARI GIRISH	8	16	26	16	17	83
		ArunKumar.S	411511114002		8	16	26	16	18	84
		KarthikKumar.A	411511114019		8	16	24	16	18	82
		Ramesh.M	411511114035		9	18	27	16	20	90
18	Energy efficient space conditioner and water dispenser	DhananjayaAdityan.D.R	411511114302	Mr.N.T.JAYAPRAKASH	8	16	26	15	16	81
		Dinesh Kumar.V	411511114008		8	15	24	15	16	78
		Esthek Antony Thishon.A	411511114009		8	15	24	15	16	78
		Harish kumar.V	411511114014		8	16	25	15	17	81

PROJECT CO-ORDINATOR

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6/4/15

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BATCH 2015-2019

CS6811 PROJECT WORK

SEM:VIII YEAR:IV

S.NO	BATCH NO	REGISTER NO	STUDENT NAME	DOMAIN	PROJECT TITLE	INTERNAL GUIDE	GUIDE SIGNATURE	STUDENT SIGNATURE
1	1	[illegible]	ABILA M	DATA MINING	SECURITY FACILE AS A SERVICE CACHE VIA DENIABLE KP-ABE	DHINAKARAN		
		[illegible]	ANGELINE T					
		[illegible]	PAVITHRA R					
2	2	[illegible]	ADARSH R	CLOUD COMPUTING	PROFICIENCY RECOVERY OVER RECORDS IN CLOUD STORAGE	RENUKA		
		[illegible]	SABARESH					
		[illegible]	VIJAYA KUMAR M					
3	3	[illegible]	AJAY SURVE C	IOT	FISHERMAN BORDER SECURITY USING IOT	RICHARD		
		[illegible]	DHARMESH M					
		[illegible]	GALI MADHAN KUMAR					
4	4	[illegible]	AKASH K	IOT	DESIGN OF AN IOT BASED AUTONOMOUS VEHICLE WITH THE AID OF COMPUTER VISION	GOPALAKRISHNAN		
		[illegible]	SURYA T					
		[illegible]	TAMILARASAN S					
5	5	[illegible]	AKASH R	CLOUD COMPUTING	A THREE LAYER PRIVACY PROTECTIVE USING CLOUD STORAGE	RAMYA		
		[illegible]	DHARSHAN D					
		[illegible]	DINESH P					
6	6	[illegible]	AKHIL BABU E H	EMBEDDED	HAND GESTURE RECOGNITION TO CONTROL VARIOUS APPLICATION USING DISTANCE BASED ANALYSIS A MACHINE LEARNING	RAHINI SUDHA		
		[illegible]	DINESH KUMAR M					
		[illegible]	KARTHI V V					
7	7	[illegible]	ANUSMITHA M	MACHINE LEARNING	TO ANALYSING THE DETECTION OF PARKINSON DISEASES WITH MORE ACCURACY USING MACHINE LEARNING	KALASELVI		
		[illegible]	SAVEETHA R					
		[illegible]	VIJAYA LAKSHMI M					
8	8	[illegible]	ARUNA A	MACHINE LEARNING	LIVER AND HEART DISEASE PREDICTION	VARALAKSHMI		
		[illegible]	GEETHA R					
		[illegible]	SINDHUJA B					
9	9	[illegible]	BALAYOGASHREE G	MACHINE LEARNING	INDIAN AIR QUALITY ANALYSIS AND PREDICTION USING MACHINE LEARNING	REVATHI		
		[illegible]	GEETHANJALI V					
		[illegible]	MOHAN K					
10	10	[illegible]	ARAVIND KRISHNAN	DATA ANALYTICS	ANALYSIS BRAINWAVES TO ACCESS STROKE POSSIBILITY	LEKHA		
		[illegible]	BUVANESH C I					
		[illegible]	MANIKANDAN V					
		[illegible]	SARAN RAJ S	CLOUD COMPUTING	A SECURE MULTI KEYWORD SEARCH OVER ENCRYPTED CLOUD DATA	DHINAKARAN		
11	11	[illegible]	DEEPAK K					
		[illegible]	SHASHANKA KOUSTHUBH N V S					
		[illegible]	PRAKASH C	IOT	IOT BASED INDUSTRIAL MONITORING AND CONTROLLING SYSTEM	VINITHA		
12	12	[illegible]	DEVA RAJAN [illegible]					
		[illegible]	LOKESH N K					
		[illegible]	PREM [illegible]		[illegible]	RAHINI SUDHA		
		[illegible]	DHEEPIKA S R	IOT	INTELLECTUAL [illegible]			
13	13	[illegible]	KEERTHIKA S					

14	14	[illegible]	DINESH K	NETWORK SECURITY	UNKNOWN AUTHENTICATION SCHEME FOR SMART CLOUD BASED HEALTH CARE APPLICATION	RANGANAYAKI
		[illegible]	SABARI S			
		[illegible]	THULASI DASS N			
15	15	[illegible]	HANUMESH PRIYA M	DATA MINING	STOCK MARKET PREDICTION USING ARTIFICIAL NEURAL NETWORKS	KARTHIK
		[illegible]	VINODHINI M			
		[illegible]	PREETHI R			
16	16	[illegible]	HARISH V	AI	VISION BASED OBJECT, GESTURE AND SPEECH RECOGNITION USING AI	REVATHI
		[illegible]	JOHN BETSON J			
		[illegible]	KARTHIK RAJA V			
17	17	[illegible]	JASMINE A	IMAGE PROCESSING	EFFICIENT METHOD FOR ENCRYPTION OF SELECTIVE ZONES OF REMOTE SENSING IMAGES FOR SHARING TO CLIENTS ACROSS THE NETWORK	KAVITHA
		[illegible]	MADHUMITHA V			
		[illegible]	PAVITHRA R			
18	18	[illegible]	JOSEPH NAVEEN KUMAR J	VANET	PRIORITY QUEUE BASED MECHANISM IN VANET	JOY ANGEL ANCELLITA
		[illegible]	SAI GANGULY T P			
		[illegible]	SURESH JUSTIN S			
19	19	[illegible]	KARTHIKEYAN P	IOT	SMART VEHICLE CONTROLLER USING IOT	RICHARD
		[illegible]	SANTHOSH KUMAR J			
		[illegible]	SHARATH KUMAR L R			
20	20	[illegible]	KAVIN P	DEEP LEARNING	OPINION MINING OF A FOOD REVIEW IN AMAZON	LEKHA
		[illegible]	KUMARAVEL V			
		[illegible]	MARIA ROGER KALSTIN			
21	21	[illegible]	ROBIN PRANAV T	BIG DATA	IMPLEMENTATION OF SENTIMENTAL ANALYSIS IN MESSAGING SYSTEM USING SPARK	KARTHIK
		[illegible]	UPITAN K			
		[illegible]	PRASANTH P			
22	22	[illegible]	KOWSALYA V	MACHINE LEARNING	AN EFFICIENT DYNAMIC LEARNER BEHAVIOUR ANALYSIS USING EYE GAZE DETECTION WITH MACHINE LEARNING TECHNIQUE	RAMYA
		[illegible]	ROSELINE Y			
		[illegible]	SUBALAKSHMI M			
23	23	[illegible]	LINGESH S	CLOUD COMPUTING	A ~~SECURED~~ APPROVAL BIOMETRIC DATA IN CLOUD	PREETHA
		[illegible]	MOHAMMED ANSARI R			
		[illegible]	VENKAT PRASAD S			
24	24	[illegible]	MAHESWARI M	NEURAL NETWORK & DEEP LEARNING	PNEUMONIA DIAGNOSIS USING DEEP LEARNING	RENUKA
		[illegible]	PRADHAKSHINA B			
		[illegible]	VIDDYA R			
25	25	[illegible]	MONIKA P M	ANDROID APP	AN ANDROID APPLICATION TO ALERT PEOPLE AND FIRESTATION VIA NOTIFICATION	PREETHA
		[illegible]	SRI LAKSHMIGA R			
		[illegible]	SWAPNA K			
26	26	[illegible]	NIVETHA R S	DATA MINING	PRIVACY CHARACTERIZATION AND QUANTIFICATION IN DATA PUBLISHING	KAVITHA
		[illegible]	SARANYA L			
27	27	[illegible]	PRAVEEN M	MACHINE LEARNING	PREDICT ANALYSIS OF CROP PRODUCTION	NAGESHWARAN
		[illegible]	PUNEETH H			
		[illegible]	RANJITH R			
28	28	[illegible]	PRAVEEN RAJ M	IOT	MODULAR SYSTEM FOR CUSTOMIZED AUTOMATION	VARALAKSHMI
		[illegible]	RONALD LANTON			
		[illegible]	SHRIHARI P			
29	29	[illegible]	PRAVEEN RAJ C	IOT	REAL TIME AUTHENTICATION FOR ENTRANCE AND SECURITY SURVEILLANCE USING IOT	GOPALAKRISHNAN
		[illegible]	SANTHOSH P			
		[illegible]	UDAY KIRAN B			
30	30	[illegible]	PREETHI T	WEB SERVICE	DYNAMIC INFORMATION MANAGEMENT SYSTEM	KAVITHA
		[illegible]	PRIYA S			
		[illegible]	RAMYA R			

		411515104114	VIDHYA SREA					
31	31	411515104068	PRIYANGA S	BIG DATA	CHARACTERIZING AND PREDICTING EARLY REVIEWERS FOR EFFECTIVE PRODUCT MARKETING ON E-COMMERCE WEBSITES	RAGESHWARAN		
32	32	411515104069	PRIYANKA P					
		411515104095	SNEHA D	NETWORK SECURITY	IP SPOOFING ATTACK DETECTION AND PREVENTION	RAGESHWARAN		
		411515104101	SUJATHA S					
33	33	411515104072	RAMNITH D	IMAGE PROCESSING	ANIMAL INTRUTION DETECTION SYSTEM IN FARM/FOREST CORRIDOR AREAS	KAVITHA		
		411515104118	YESHWANTH S					
		411515104119	YOGESHWARAN S					
34	34	411515104077	ROSHINI E	PHP & MY SQL	INVENTORY AND STOCK MANAGEMENT SYSTEM	VINDHA		
		411515104079	SANGEETHA I					
		411515104080	SANGEETHA S R					
35	35	411515104081	SANTHOSH M	DATA MINING	COPY DEPLETION IN GRAPH MINING APPROACHES, ANALYSIS AND EVALUTION	KALASELVI		
		411515104106	THANGARAMANUJAN K					
		411515104107	THANIGAIVASAN S					
36	36	411515104089	SHAJI S	CLOUD COMPUTING	CAPALE LANGUAGE SEARCH FOR SECURE CLOUD STORAGE	KALASELVI		
		411515104090	SHAMKUMAR R					
		411515104094	SIVAKUMAR S					

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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

BATCH 2014-2018

PROJECT LIST

SEM:VIII **YEAR:IV**

S.NO	BATCH NO	REGISTER NO	STUDENT NAME	DOMAIN	PROJECT TITLE	INTERNAL GUIDE	SIGNATURE OF GUIDE
1	3	411514104004	AKASH REVANTH A P	Android	SemanticSLAM Using environment landmarks for unsupervised indoor localization	Ms.M.Renuka	
		411514104032	JOSHUA SAMEUL I				
		411514104029	JAGATH KUPPUSWAMY S				
2	5	411514104006	ANANTHI P	Mobile Computing	Vanet security of new greedy behaviour approach	Ms.S.Rahini Sudha	
		411514104302	RUBAVATHY B				
3	7	411514104008	ANUPRIYA M	Cloud Computing	Trusted a cloud authority controlled by federated cloud	Ms.M.Preetha	
		411514104078	SELLIPRIYANGA C				
4	8	411514104009	ARUN S	Data Mining	Employee performance workflow minning in clouds	Ms LENA PRIYADARSHNI	
		411514104015	BENJAMIN P				
		411514104054	NANDHAGOPAL N				
5	9	411514104010	ARUN V	Android app ,Data analytics with datamining	Business intellgientance application using sentimantal analysis	Mr.S.Gopala Krishnan	
		411514104038	KERTHIVASAN T S				
		411514104050	MARIA CHRISTHU RAJAN A				
6	10	411514014011	ASHWIN G	Android application	Security based system using moblie applications	Ms.J.Ranganayaki	
		411514104019	DHAMODAREN S				
		411514104100	VINOTH N				
7	18	411514104027	GOWTHAM R	Image processing,Cyber security	An effective password authentication system using image with smart way of password recovery in support for wise banking services	Ms.S.Joy Angel Ancelitta	
		411514104076	SARAN R				
		411514104030	JEEVA M				
8	20	411514104046	MAHIBALA.K	Information security	XSS in online social networks attacks and counter measures	Ms.V.Kavitha	
		411514104031	JEYAVARADHAN V K				

		411514104034	KABILA P			
9	21	411514104040	KODEESWARI L K	Data minning and Cloud	Discovery of Micro RNAS and Transcription Factor Co-regulatory by Integrating Multiple Types of Genomic Data	Ms.K.Varalakshmi
10	22	411514104036	KARTHIKEYAN K	Network Security	Service cloud communication using encryption standards	Ms.J.Ranganayaki
		411514104097	VIGENSH BALAJI V R			
		411514104042	KRISHNA D			
11	16	411514104039	KEVIN JOSHUA A	IOT	Implementation of smart shopping system using IOT	Mr.S.Gopala Krishnan
		411514104021	DINESH			
		411514104301	NAVEEN KUMAR V			
12	2	411514104043	LOKESHWARAN R	Cloud computing	Provides Security in Cloud using Multicloud & Slicing Algorithm	Ms.K.Varalakshmi
		411514104103	VINOTH KUMAR S			
		411514104002	AJITH KUMAR			
13	24	411514104045	MAHESWARAN R	Network security	Survilence traffic control	Ms.Ramya Priyadharshini
		411514104047	MANIMARAN M			
14	27	411514104061	PRASAD S	Cloud Computing	Creating secured clouds by continuous auditing and providing certification	Ms.J.Benitha Christinal
		411514104062	PRASANNA G			
		411514104065	PRAVEEN M			
15	30	411514104070	RAKESH M	Data analytics, Machine learning	Cancer diagnosis using medical records	Ms.S.Vinitha
		411514104093	UDAYA SURIYAN K			
		411514104092	VAMSI KRISHNA T			
		411514104099	VIMAL D			
16	1	411514104073	SAHEED AHAMED A	Cloud Computing	Cloud computing adaptive framework	Ms.S.Rahini Sudha
		411514104049	MANOJ KUMAR R			
		411514104001	AJAY V			
17	31	411514104075	SANJAYKUMAR C	Information Security	DDOS Detection and mitigation using PHP&JAVA script	Ms.M.Preetha
		411514104102	VINOTH KUMAR P			
		411514104107	YESHWANTH N			
18	25	411514104082	SUJATHA P	Cloud Computing	Providing restriction against attact and congestion control ion public infrastructure cloud	Mr.D.Dhinakaran
		411514104059	NOUSHEEN R			
		411514104080	SHANMUGA PRIYA A			
19	33	411514104101	VINOTHINI P	Data mining Web	Real time junk observation & characterstics analysis in twitter	Mr.Richard Jim Reeves
		411514104079	SELVARANI S			

20	4	411514104005	AKSHAYA G	Secure Computing	SALT-Secure android location tracking	Ms.J.Aruna Jasmine	
		411514104053	MONICA M				
		411514104007	ANANTHI T S		Encrypted image retrieval in socail networks based on DCT/DWT frequencies	Dr.Nageswaran	
		411514104044	MADHUMATHI R M				
21	6	411514104081	SHANMUGA SUNDARI S	Security			
		411514104012	ASHWITHA S	Cloud Computing	Cryptographic implementation of agricate	Ms.M.Renuka	
22	11	411514104072	ROSAN BENAZIR M				
			ATSHAYA CHELLA		Achieving Deduplication cross different domain of big data in cloud Ensuring efiiency and privacy	Mr.V.Karthik	
		411514104013	SOWPARNIKA P				
23	12	411514104020	DHANALAKSHMI G	Big Data			
		411514104016	BHUVANESWARY V K	Industrial informatics and Data mining under web services	Flick fortune-extensive data analysis and probabilistic prediction using datamining approach	Ms.V.Kavitha	
24	13	411514104106	YAMUNA RANI P				
		411514104017	CAROLINE D	Cloud and Network security	Securing coding based cloud storage against pollution attack	Ms.A.Revathi	
25	14	411514104023	DIVYA R				
		411514104018	DAMODAREN K	Digital image processing stegnography	Cryptoimage efficient cryptosystem for data hiding in high dynamic range images	Ms.S.Joy Angel Ancelitta	
		411514104026	GOKUL S				
26	15	411514104035	KARTHIK C S				
		411514104024	DIVYA PRIYA K	Big Data	End to End Schedulability tests for multiprocessor to design patterens	Ms.P.Kalaiselvi	
27	17	411514104037	KAVITHA S				
		411514104028	HEMALATHA S	Data analytics,Big data	Analysis of disease from multiple health care data by using HL7 message on HDFS	Ms.S.Vinitha	
		411514104033	JUVI RAJU				
28	19	411514104067	PRIYANKA J				
		411514104041	KOUSALYA T	Cloud computing and Network	Identity based data outsourcing with comprehensive auditing in clouds	Ms.J.Aruna Jasmine	
29	23	411514104083	SOWMIYA S				
		411514104060	OM DURGA O	Big Data	Prediction of driven stress management	Mr.V.Karthik	
		411514104068	RAFANA				
30	26	411514104104	VISHALI N T				

31	28	411514104063 411514104069 411514104095	M S PRASANNA RAJESH KANNA S VIGNESH K	Mobile Computing	Building a robust authentication system and questions for fallback authentication	Ms.J.Benitha Christinal	
32	29	411514104066 411514104098 411514104085	PRAVEEN KUMAR M VIGNESHWARAN K SRINIVASAN R	Web Service	Unified Banking Interface	Mr Richard Jim Reeves	
33	32	411514104077 411514104091	SARANYA G B SWATHI S	Data Mining	Recommender system for research studies using graph based article ranking	Mr.D.Dhinakaran	
34	35	411514104084 411514104094 411514104105	SREE AADITYA J S VENKATACHALAPATHY K VISHNU V	Mobile Computing	Preserving the location and seamless data distribution in mobile environment	Ms.P.Kalaiselvi	
35	34	411514104086 411514104090 411514104087 411514104051	SRIRAM M SURENDAR M SUDHARSAN T R MOHAMED WASEEM EBRAHIM N	Remote sensing	Student GIS	Dr.Nageswaran	
36	36	411514104096	VIGNESH S	Mobile Cloud computing	Secure data dissemination &management in mobile cloud computing	Ms.Ramya Priyadharshini	

PROJECT COORDINATOR

HOD

29. Vigneshwaran R
praveen kumar M
srinivasan R

Cloud Computing

Deadline Based Resource Provisioning & Scheduling Algorithm for scientific workflows on Cloud

Mr. Richard Jim Reeves

PERI Institute of Technology

Department of Civil Engineering

Academic Year 2015-2016 (Even Semester)

Subject Code / Name: CE 6811 Project Work **Semester: 08**

S. No	Reg. No.	Name of the Student	Batch No.	Name of the Guide	Topic
1.	411512103013	J.Jaya Kumar	1	Ms.J. Vasugi	Experimental study on flyash based ferrocement slab
2.	411512103022	B.Loganathan			
3.	411512103027	R.Naveen			
4.	411512103046	T.M.Sunmuga Rajan			
5.	411512103003	Arish Kumar	2	Mr. A.Muthu Krishnan	Experimental study on plastic brick using municipal waste and strength & Behavior of plastic brick with conventional brick
6.	411512103007	Deepak v			
7.	411512103008	Deepak Nivas S			
8.	411512103040	Sithyvinayagam			
9.	411512103020	Lingeswaran M	3	Ms. M. Devakani	Advanced chemical curing in Concrete
10.	411512103038	Santhosh Shivan V K			
11.	411512103050	Vijay Aashithiya R S S			
12.	411512103008	Prabhu			
13.	411512103010	Dinesh U	4	Mr. A.Muthu Krishnan	Experimental Study on Concrete filled steel tubular columns
14.	411512103019	Laksmanan A			
15.	411512103048	Surya Moorthi A			
16.	411512103301	Ashik Mustafa			
17.	411512103006	Bala gobal S	5	Ms.R.Poornima	Experimental study on PCM modified roof tiles to achieve comfortable indoor temperature
18.	411512103055	D. Yuvaraj			
19.	411512103017	Kishore kumar			
20.	411512103022	Manish vivek kennedy	6	Mr.Rajalakshmi	Experimental Investigation on concrete: Partial replacement of coarse aggregate with electronic waste
21.	411512103047	Suresh kumar			
22.	411512103701	Pradeep kumar			
23.	411512103076	Saravanan E			
24.	411512103027	Amal kumar M	7	Ms. R. Elakya	The effect of polymer fly ash stabilization on the unconfined compressive strength of clayey soils
25.	411512103039	Stalin A			
26.	411512103114	Vigneshwaran M			
27.	411512103304	Karthick			
28.	411512103042	Siva Subramani K	8	Mr. A Ranjith Kumar	Experimental study on light weight high strength concrete
29.	411512103041	Sivakumar R			
30.	411512103053	Vinoth Raj N			
31.	411512103045	Sudharshan			

32.	411512103026	C Nandhini	9	Mr. J Ranjith Kumar	Study on schedule delay analysis of building interior and finishing work
33.	411512103043	Sruthi C			
34.	411512103052	Vinoth Kumar A			
35.	411512103302	Debi Riba			
36.	411512103005	B.Aruna	10	Mr. K Suresh kumar	Study on 3D Printing in Construction Industry
37.	411512103029	P Nirmal raj			
38.	411512103030	K C Parkadhe Anibal			
39.	411512103307	Nithya M			
40.	411512103023	Manikandan M	11	Ms. R.Elakiya	Studies on the enhancement of sub grade stabilization using flyash reinforced with geo textile
41.	411512103032	Pragadessh M			
42.	411512103033	Praseetha K			
43.	411512103037	Sankara Narayanan J			
44.	411512103028	Naveen kumar M	12	Ms. Poornima	Strength and behavior of aerated concrete
45.	411512103031	Perumal A			
46.	411512103054	Vishnu G			
47.	411512103306	Manikandan K			
48.	411512103004	Arun M	13	Mr. J. Ranjith Kumar	A study on risk management in building construction
49.	411512103009	Dhanusha D			
50.	411512103011	Giridharan K R			
51.	411512103015	Karthika Laxmi J			
52.	411512103014	Jothikumar K	14	M.Devakani	Biosorption – A solution to pollution case study on colour removal using biosorption method
53.	411512103001	Ajay Sadhasivam S	15	Mr. J. Ranjith Kumar	Experimental Investigation of dual Acoustic Property Material
54.	411512103034	Radhakrishnan P			
55.	411512103012	Jayaavignesh T			
56.	411512103014	Jothi Kumar K			
57.	411512103016	Karthikeyan M	16	Mr. A.Muthu Krishnan	“Applications Of Quantified And Cost Of Building”
58.	411512103025	Nafshala Shalini J			
59.	411512103035	Raghavasampath D			
60.	411512103303	John Henry Brown J			

Head of the Department
Department of Civil Engineering
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HoD - Civil

Principal

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

Academic Year 2014-2015 (Odd Semester)

Subject Code / Name: CE 6811 Project Work **Semester: 08**

S. No	Reg. No.	Name of the Student	Batch No.	Name of the Guide	Topic
1.	411511103009	Jayagandan.N	1	Ms.A .Muthu Krishnan	Design of dwelling House
2.	411511103015	Makendran .K			
3.	411511103024	Romi Divine. RM			
4.	411511103006	Dwarak Yogey.J			
5.	411511103011	Karthik.M	2	Mr. P.Ramachandran	Study on concrete debries as a partial replacement of fine aggregate in concrete
6.	411511103029	Sriram.B			
7.	411511103031	Vengadesh.G.S			
8.	411511103302	Ajaikumar S			
9.	411511103014	Kaviarasan.P	3	M.Devakani	Experimental Investigation on Partial Replacement of Fine Aggregate by Polystyrene Beads.
10.	411511103317	Saravana Baskar B			
11.	411511103320	Veena G			
12.	411511103018	Nasurudeen. M			
13.	411511103020	Pavan Kumar.A	4	Ms. R.Elakiya	Strength Investigation of Carbon Nan tubes on the Properties of Concrete
14.	411511103306	Kanniyappan S			
15.	411511103304	Dilli Babu A			
16.	411511103023	Rajeshkannan			
17.	411511103316	Sarathkumar T	5	Mr. J. Ranjith Kumar	Experimental Investigation of Fibre reinforced Concrete Self Compacting Concrete
18.	411511103033	Vijay.K			
19.	411511103313	Premkumar S			
20.	411511103035	Vinoth Kumar.V			
21.	411511103025	Sakthivel. B	6	Ms. Poornima	Experimental Investigation of Marble Powder as a Partial Replacement of Fine Aggregate
22.	411511103312	Prem Kumar R			
23.	411511103027	Sathya.K			
24.	411511103319	Sujatha R			
25.	411511103303	Athi Ilavarasan S	7	M.Devakani	Experimental Investigation on Concrete with Using E-waste and Marble Dust
26.	411511103307	Karthick P			
27.	411511103305	Ganesh Raj C			
28.	411511103309	Kaviyarasan D			
29.	411511103003	Bhuvaneswari.M	8	Mr. J. Ranjith Kumar	Experimental investigation on use of different organic wastes for production of bio gas
30.	411511103010	Josiah Raja			
31.	411511103022	Prem Kumar. V			
32.	411511103301	Aarthy B			

33.	411511103007	Ganeshkumar.E	9	Ms. R.Elakiya	Experimental investigation on Modular Construction Experimental study on plastic roads.
34.	411511103322	Vivekanandan S			
35.	411511103017	Narasimhan			
36.	411511103030	Syed Abdul Amen			
37.	411511103004	Charles	10	Ms. Poornima	Experimental investigation on Stabilization of Subgrade Using Geo Synthetics
38.	411511103021	Praveen Emmanuvel			
39.	411511103026	Sarathbabu			
40.	411511103308	Karthikeyan R			
41.	411511103701	Sri Ganesh Kumar	11	Ms.A .Muthu Krishnan	Experimental investigation on Use of Steel Slag in Construction of Flexible Pavement
42.	411511103012	Karthikeyan. M			
43.	411511103016	Manjunadhan			
44.	411511103028	Solanki Bharatsingh			
45.	411511103005	Dinesh Kumar	12	M.Devakani	Study on Drinking Water Quality Standards Study in and Around Chennai
46.	411511103013	Karthik.G			
47.	411511103310	Parthasarathy S			
48.	411511103314	Ramesh E			
49.	411511103318	Sathishkumar D	13	Mr. P.Ramachandran	A Study on Effect of Pollutants on Land and River due to Discharge of Paper Packaging Factory Waste Water
50.	411511103315	Santhana Krishnan K			
51.	411511103032	Vigneshkumar.V			
52.	411511103019	Parthasarathi.S			
53.	411511103008	Giffin.P.B.	14	Ms. Poornima	Sampling and Analysis of Industrial Waste Water and Reuse
54.	411511103311	Praveenkumar R			
55.	411511103034	Vijaya Kumar. S			
56.	411511103321	Vinoth R			

Head of the Department
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HoD - Civil

Principal

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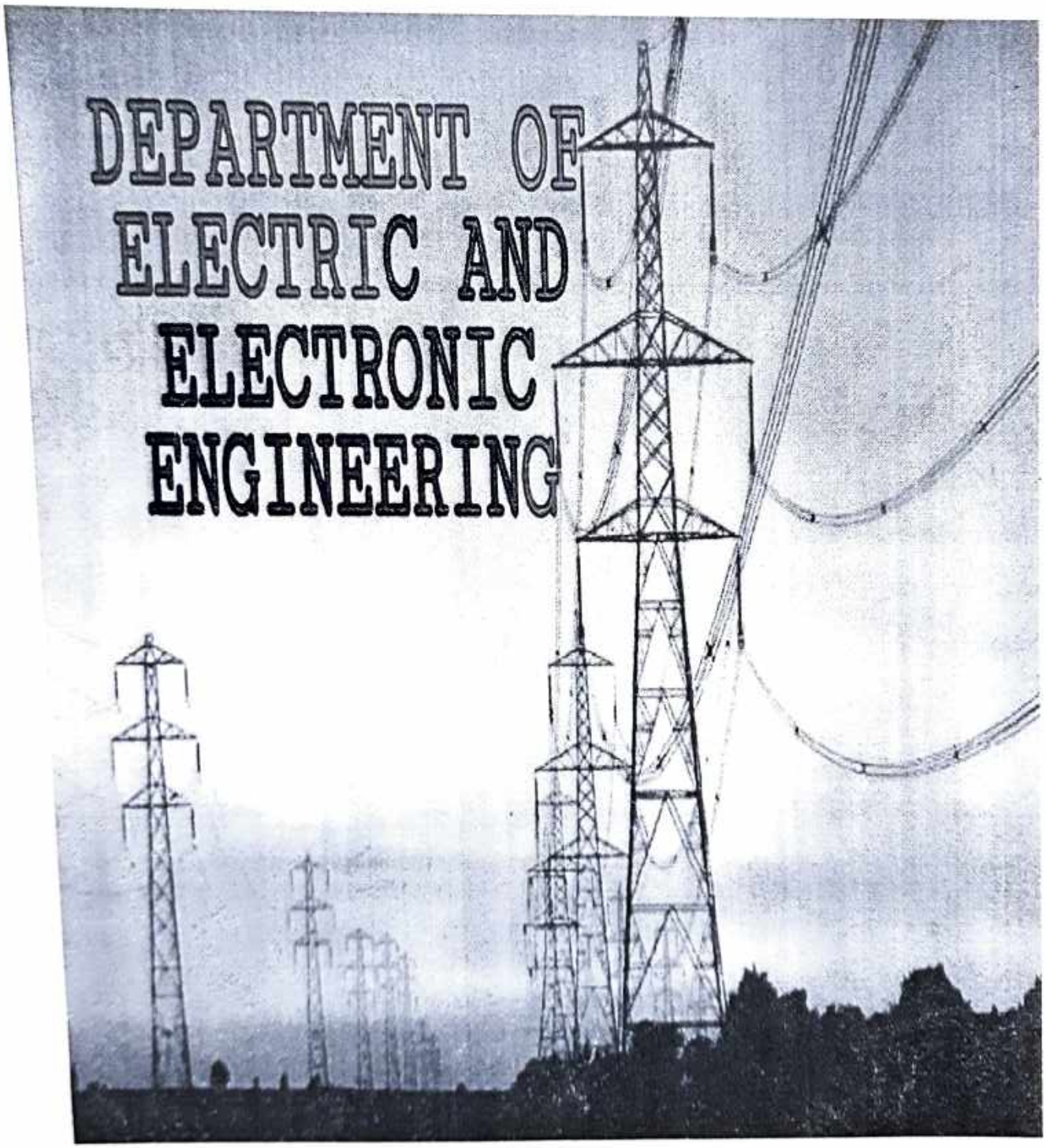
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai-600 048.

INDUSTRIAL VISIT-NLC



INDUSTRIAL VISIT REPORT -NLC

NLC Permission Letter

PERI
EDUCATION

PERI INSTITUTE OF TECHNOLOGY

(Approved by AICTE New Delhi and affiliated to Anna University)
(NO.1,Mannivakkam,West Tambaram,Chennai-600048)

From

Dr.R.Palson kennedy,
Principal,
Peri Institute of Technology,
Mannivakkam ,
Chennai

DATE: 28/08/2019

To

The Chief General Manager,
Public relation,
Public relation department,
NLC India Ltd,
Block-2,
Neyveli-1.

Dear Sir,

Sub: Requesting for Industrial visit for the B.E, "Electrical Engineering" students

of PERI INSTITUTE OF TECHNOLOGY, Mannivakkam, Chennai

Greetings from Peri Institute of Technology,

With the subject to the above, On behalf of the management, I request you to kindly accord permission to our B.E **"Electrical Engineering"** students to do their Industrial Visit in your **"Thermal power station"** on 15/09/2019. So kindly do the needful.

Thanking you in advance for your time.

With Regards,

Dr.R.Palson kennedy,
Principal,
Peri Institute of
Technology,
Mannivakkam ,
Chennai

Enclosures:-

1. Student Name List
2. Accompanying Faculty's

Date: 28.08.19

Dear Sir,

The Following students are the bonafide students of our college planning for industrial visit to Neyveli Lignite Corporation, Cuddalore, on 15/09/2019.

S.No	REG NO	NAME
1	411516105001	AARTHY S
2	411516105002	BALASUBRAMANI V
3	411516105003	CALEB W
4	411516105004	DHEVADHARSHINI V
5	411516105005	DURAI MURUGAN A
6	411516105006	GURU PRASAD R
7	411516105007	HARIKESH B
8	411516105008	HARISH
9	411516105011	SAM C
10	411516105012	SAMEERAN B
11	411516105013	VASANTH V
12	411516105014	VISHALI R
13	411516105301	JAGADESH N
14	411516105302	MAHADESHWAR S
15	411517105002	ANNEM CHAITANYA KUMAR REDDY
16	411517105003	ARAVIND G
17	411517105004	ARIVARASI A
18	411517105005	ARUN N
19	411517105006	CHANDRU S J
20	411517105007	DEEPAKKUMAR J
21	411517105008	DINESH KUMAR B
22	411517105009	DONALD SANTHURU S
23	411517105010	ESHWAR M
24	411517105011	GIRIDHARAN K
25	411517105012	GOLI SAI SUPRIYA
26	411517105013	ILAVARUNA KARTHIK P
27	411517105014	JAYASRI A
28	411517105015	JEEVITHA S
29	411517105016	KARAN RAJ S
30	411517105017	KEERTHIVASAN C

31	411517105018	MANOJ M
32	411517105019	MOHAMED RIZWAN R
33	411517105020	MONISHA M
34	411517105021	MUKESH S
35	411517105022	NAVEEN KUMAR M
36	411517105023	POOMANI R
37	411517105024	RAHMAN H
38	411517105025	RAJESH S
39	411517105026	RISHIKA P
40	411517105028	RUKMANI V
41	411517105031	SHARON DEVAKIRUBAI B
42	411517105032	SUGAN C
43	411517105033	SWETHA R
44	411517105034	SWETHA S
45	411517105036	VANI D
46	411517105037	VIGNESHWARAN R
47	411517105301	JAGAN
48	411517105302	JESHWANTH
49	411517105304	VIVEK

Faculty ESCORT:

1 S L SREEDEVI

2 R TAMILAMUTHAN

3 A.N ABHIRAMI

4 J JOSELIN

NLC Industrial Visit Confirmation Letter

एनएलसी इंडिया लिमिटेड-NLC India Limited
('Navratna'- Government of India Enterprise)
CIN L93090TN1956GOI003507 Website :www.nlcindia.com

150 YEARS OF CELEBRATING THE MAHATMA

Public Relations Department
Block-2, Neyveli-607 801, Cuddalore District, Tamil Nadu
e-mail :pr.dept@nlcinda.com, pro.nlc57@gmail.com Tele Fax : 04142- 252257

Lr.No.264/Visit/PRD/2019 Date: 19/09/2019

To
The Principal,
Peri Institute of Technology,
Tambaram,Mannivakkam,
Chennai-48.

Sub: PRD – Visit to Industrial Units – Confirmation – Reg.

Ref: Lr. received dt. 04.09.2019.

We are in receipt of your letter dated: 04.09.2019The group of visitors from your Institution are permitted to visit **Mine-I &TPS-I Expn. only.** on **18/10/2019.** Please advise them to contact /the Public Relations Dept., (Near Nehru Square), Block-2, Neyveli /Township – 607 801 at 9.30 A.M.

The visitors/students are requested to bring their **Identity Card** along with TWO COPIES OF NAME LIST during their visit to Neyveli. **In case of foreign students please attach passport size photo's 2 No's and two copy of passport and registration certificate /Residential Permit [RC/RP],From 'A' [Rule 6]issued by BUREAU OF IMMIGRATION M.H.A Govt. of India,one week before.** Cell Phones with Cameras / Still Cameras / Video Cameras are strictly prohibited inside the Industrial Units.

We request you to arrange your own conveyance/accommodation during the visit.

Thanking you,

Yours faithfully,
for NLC India Ltd,

19/9/19
Chief General Manager/HR
General Manager / P R
NLC Limited
Neyveli - 607 801

पंजीकृत कार्यालय : प्रथम तल नं.8, मेयर सत्यमूर्ति रोड, एफ.एस.डी, एग्मोर कॉम्प्लेक्स, भारतीय खाद्य निगम, चेतपेट चेन्नै - 600 031
REGD OFFICE : 1st Floor No.8, Mayor Sathyamurthy Road, FSD, Egmore Complex of Food Corporation of India, Chetpet, Chennai - 600 031
CORPORATE OFFICE: BLOCK-1, NEYVELI - 607 801, CUDDALORE DISTRICT, TAMILNADU
निगमित कार्यालय: ब्लॉक -1 नेवेली - 607801 कडलूर जिला, तमिलनाडु

PERI INSTITUTE OF TECHNOLOGY MANNIVAKKAM CHENNAI-48

Dr. A. FALSON KENNEDY, M.E.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY
Mannivakkam, Chennai-600 048.

ABOUT NLC

The department of Electronics and communication made its maiden industrial visit to NLC-Neyveli Lignite Corporation, a public sector which is into lignite mining and power production for the past half a century .Neyveli, located in the suburbs of Chennai is the heart of power which caters to the needs of power hungry southern states of India. The trip began in comfy buses of two at the crack of the dawn. It must be added with the deep thought that the visit was a runaway hit with the students as even the most complacent ones made it much to the astonishment of the lecturers. The mines-site of the lignite excavation was first shown to us through the visitors gallery, a spell bounding view spread over an area of roughly 16 sq km, It seemed to be a testimony to the still existing Indo-German tech ties. Its estimation annual production of 17 million tones is dug out using German excavation technology by means of excavators, conveyor belts, etc and of course with the workforce of whopping 8000-9000 miners. Not only did the mines supply the required load to the power plants but also to the several fertilizer and carbonization Plants .

The second to come was the Thermal power plants, old and new ones. An Indo-German obelisk greeted us at the entrance. The coal crushing and grinding units, the coolant units and ground water managing systems were quite impressive. Scaffolding like structure looking magnificent on the outside housed the power generating room. This plant put together with other newly commissioned plants has an aggregate capacity of 2070 MW. Inside the power generating room the surrounding temperature is a scorching 46 deg due to the high temperature steam that is used to rotate the huge shaft of turbines. This power station has seen many firsts-first lignite powered station in South East Asia, first largest thermal power in South India and so on. With that came the end of our first Industrial Visit. This trip how informative was it is another issue but it was exhilarating, rollicking fun for sure. Finally, the editorial board extends its thanks to the students, lecturers and the office bearers of the association for making this industrial visit possible.

NEYVELI LIGNITE CORPORATION

14.11.1956 Pt.Nehru launched a mining operations with his golden touch in May 1957. Even since, there has been no looking back. NLC has achieved the objectives it has set for itself. Fulfilling its corporate mission to be the leader in the industry. Computing of two open cast mines, two pit head Thermal Power Stations. Briquetting & Carbonisation plant and a Fertilizer Plant, NLC's growth is sustained and its contribution to India's social and economic development is significant.

MINES - I

Demarcated over an area of 16.90 Sq.km. with a reserve of about 287 million tones. Mine-I is situated on the Northern part of the field adjacent to the Neyveli Township. Its production (6.5 million tones of lignite per annum) feeds Thermal Power Station-I, Briquetting and Carbonisation Plant and the process Steam Plant.

MINES - II

Mine – II is located 5 Kms. South of Mine-I spread over an area of 26 sq.kms. With 398 million tones reserve. The lignite seam was first exposed in September 1984 and regular lignite mining commenced in March 1985. The maximum overburden is 103 m. and the lignite thickness varies from 8 to 22 m. Initially, the mine was started with a production capacity of 4.7 million tones and in February '83 the capacity was enhanced to 10.5 million tones per annum. The lignite production in this mine meets the fuel requirement of Thermal Power Station-II.

THERMAL POWER STATION - I

An opitome of India-Soviet collaboration, Neyveli-Thermal Power Station-I (TPS-I) was commissioned with one unit of 50 MM each and three units of 100 MM each.

The unique features of this power station.

First lignite-fired Thermal Power Station in South East Asia

First pit head Thermal Power station in India

First largest Thermal Power station in South India

Continuously achieving over 70% plant load factor, from 1982-83 to 1991.92 against the national average of around 50% and has continuously bagged the meritorious productivity award instituted by the Department of Power, Government of India.

The power generated from The Thermal Power Station is fed to the grid of Tamilnadu Electricity Board, the sole beneficiary.

THERMAL POWER STATION - II

Thermal Power Station-II (TPS-II) has been a major sources of power to all Southern states in India.

The first unit was synchronized in March 1986. The second Unit of this Power Station was formally commissioned by the then Prime Minister Shri. Rajiv Gandhi. This Power Station has been series of technological innovations such as

Largest Lignite-fired thermal power station in India.

First and tallest town type boiler in the country (92.7 m. height)

First software based burner management system

First Hydrogen/hydrogen cooled generator of this size

First boiler to be cleaned by hydrofluoric acid

Steel structures used for the power house building

124 Meters natural drought cooling towards.

FERTILIZER PLANT

This Plant with a production capacity of 1,29,200 tons of Urea per annum, was commissioned in 1966. This plant is the first of its kind in India to adopt solid fuel

gasification for synthesis gas production and in 1979 the plant replaced the fuel stock lignite with fuel oil.

BRIQUETTING & CARBONISATION PLANT

The B & C plant with production capacity of 2,62,000 tones of coke was commissioned in 1966. The plant produces coke from lignite which is sold under the popular trade name 'LECO'. The coke produced in this plant is extensively used in the industrial sector because of its special properties.

Generally mining is of two types

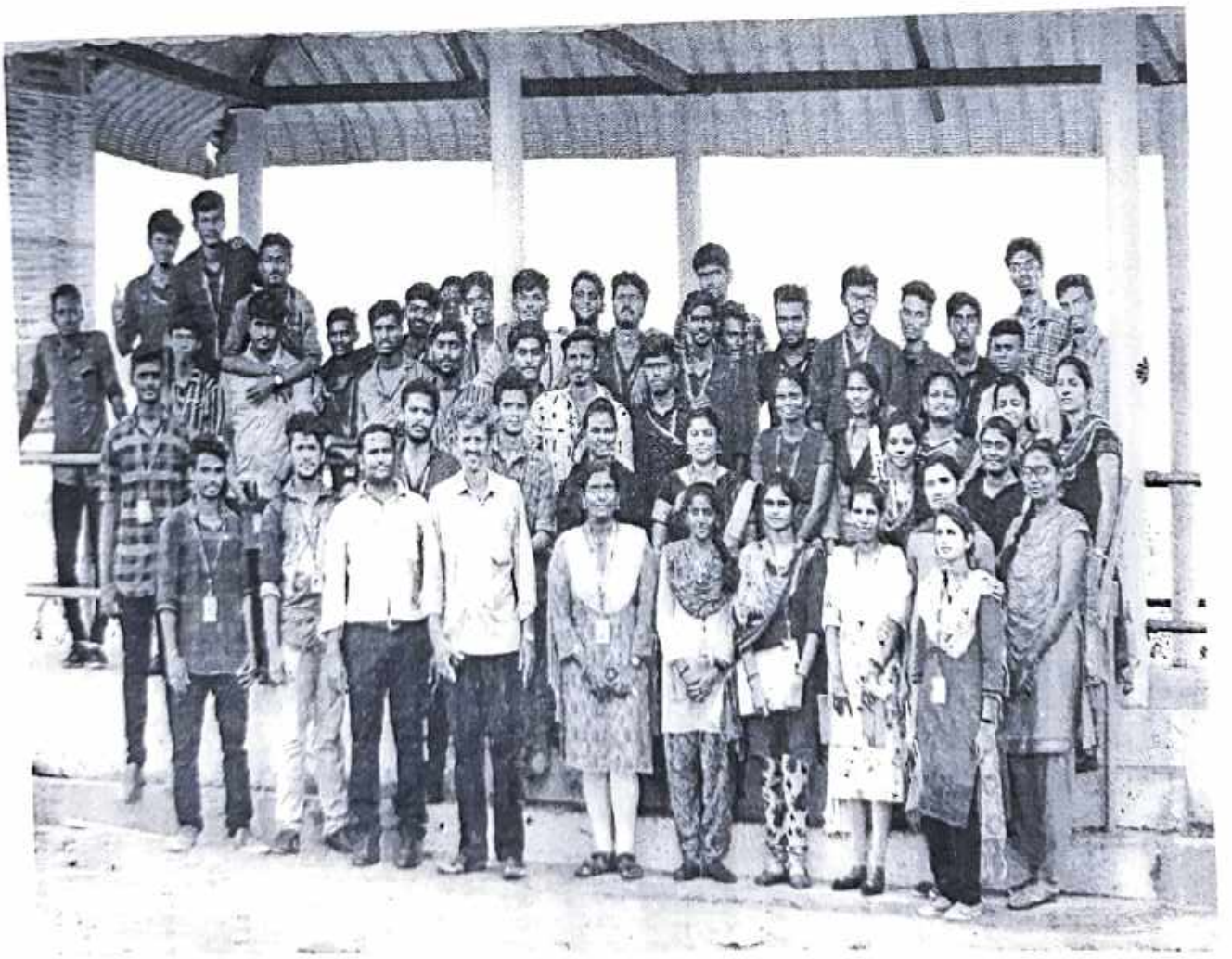
- Open cast
- Under ground

If the soil is loss in nature so open cast method is used. It consist of 3 mining sector and all those 3 sector has two mines. 1th mining sector consume 230MW, 2nd mine consume 450MW, 3^{ed} mine consume 1000MW. Thermal power station consume3240MW of energy. In mining process the Stacker machine is used to extract Lignite and the Splender machine is used to extract the sand. For this operation process almost 7k crore is required per year.

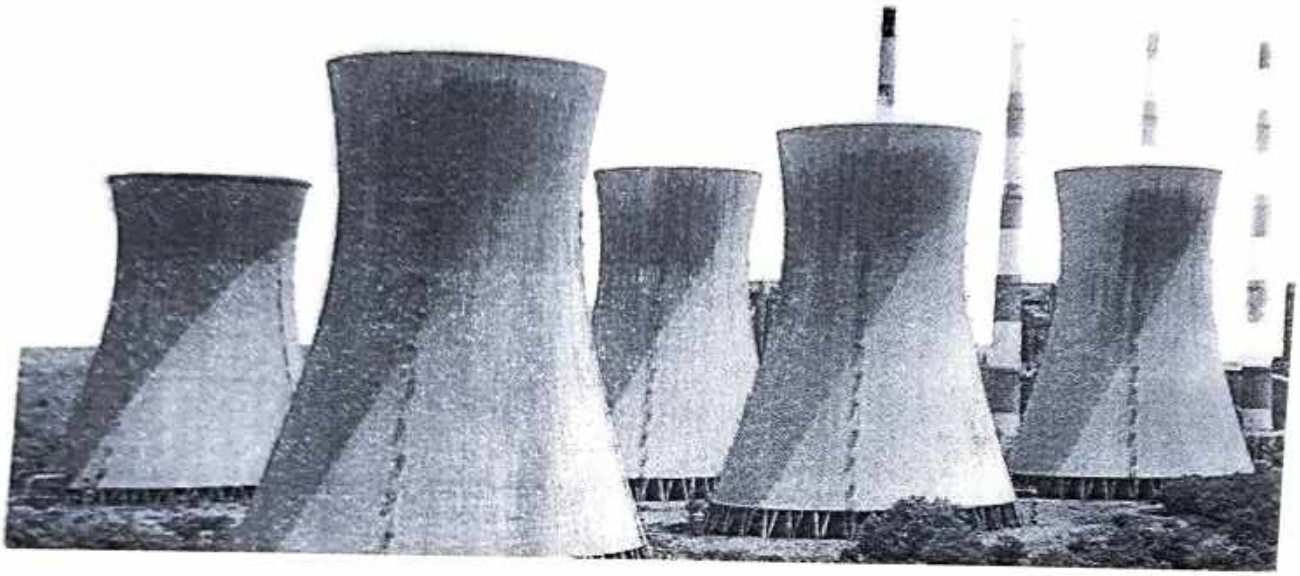
- Lignite Mining.
- Thermal Power Generation.
- Solar / Wind Energy Generation.
- Coal Mining.
- Organic/Bio Farming.
- Herbal Plantations/Gardens.

The following faculty accompanied the Students for the Industrial Visit,

- Mrs.S.L.Sreedevi, Assistant Professor -EEE
- Mr.Tamilamuthan, Assistant Professor - EEE
- Ms. Abirami., Assistant Professor- EEE
- Mrs. Joshlin, Assistant Professor-EEE

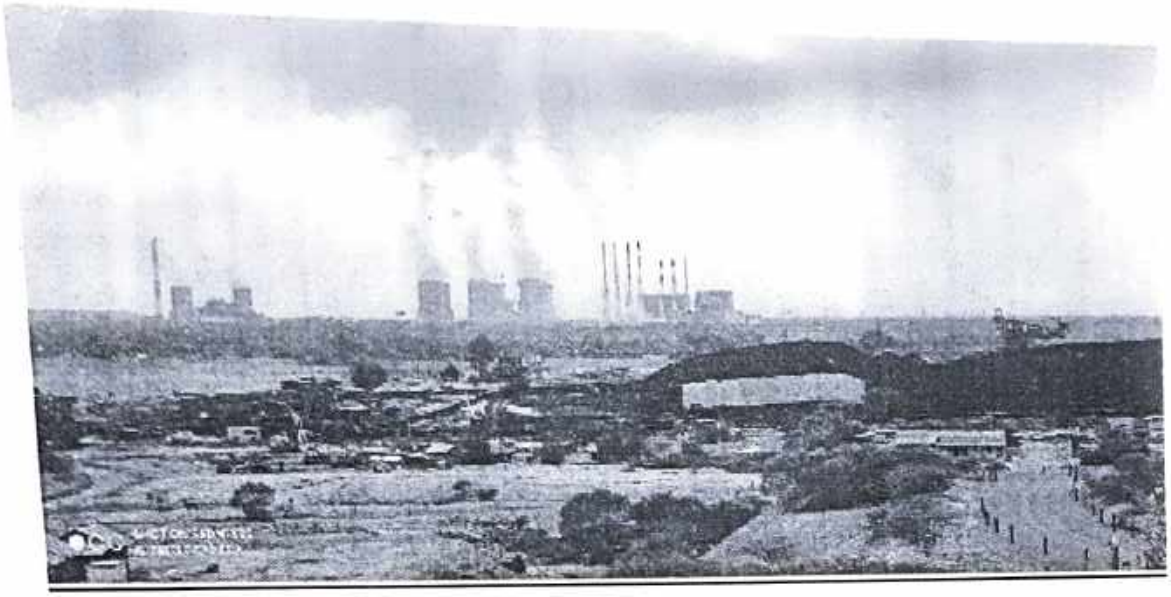


The industrial visit is associated by EEE staffs Mrs.S.L.Sreedevi , Mr.Tamilamuthan , Ms. Abirami and Mrs. Joshlin - of PERI IT. Junior Engineer Mr. Krishna gave a detailed explanation about the site and the on-going process in the plant.



The 1470 MW Second Thermal Power Station consists of 7 units of 210 MW each. In February 1978, Government of India sanctioned the Second Thermal Power Station of 630 MW capacity (3 X 210 MW) and in Feb.'83, Government of India sanctioned the Second Thermal Power Station Expansion from 630 MW to 1470 MW with addition of 4 units of 210 MW each. The first 210 MW unit was synchronised in March 1986 and the last unit (Unit-VII) was synchronized in June'93. The power generated from Second Thermal Power Station after meeting the needs of Second Mine is shared by the Southern States viz., Tamil Nadu, Kerala, Karnataka, Andhra Pradesh and Union Territory of Pondicherry.

NLC COOLER



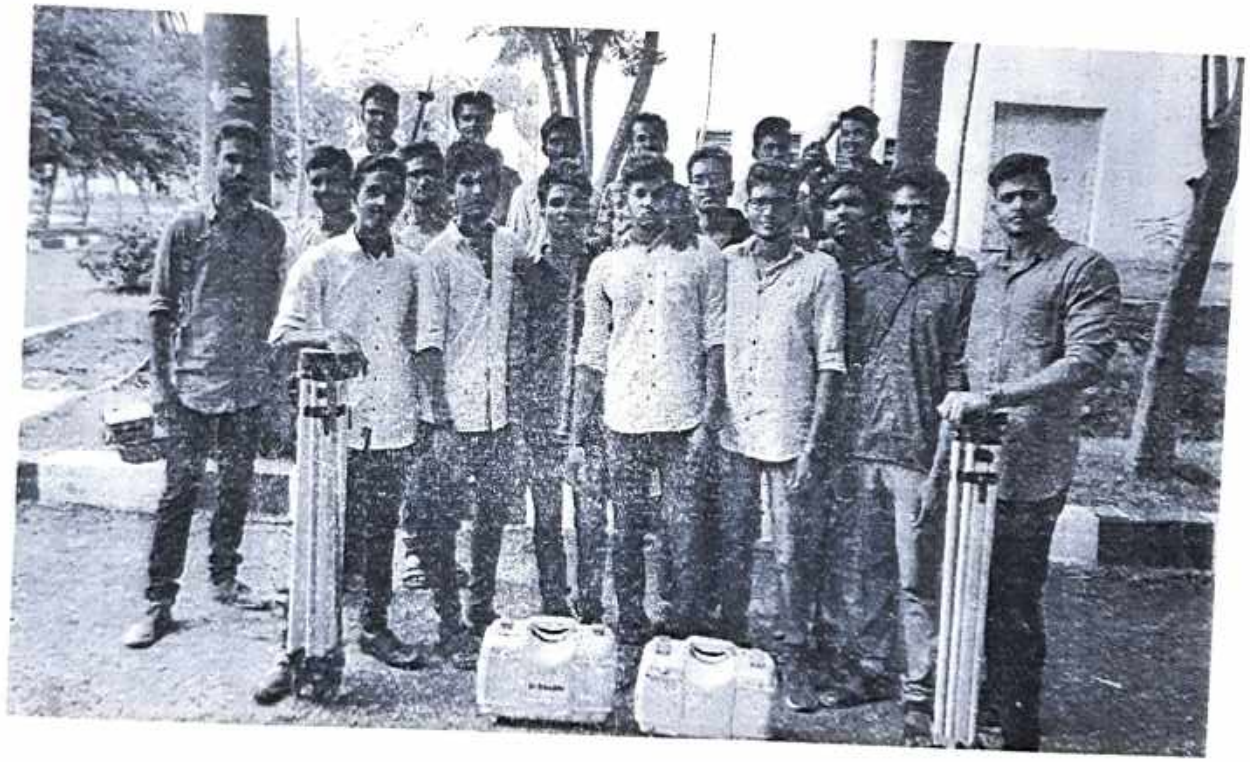
NLC PLANT VIEW

In NLC, the Junior Engineer Mr. Krishna gave a detailed explanation about the site and the on-going process in the plant. The installed plant capacity is 2,740 MW. The plant receives the coal from Mines 1 and Mines 2 in Neyveli. The coal used is lignite which has more amount of ash content. The coal is transported through belt conveyor before getting it to the boilers. Students had a look at the pre heating process and the types of fans used for the cooling process. The plant engineers also explained about ash handling and ash filtration processes. The exhaust gases and the fly ash are passed through a chimney constructed at a standard height of about 275 m. The super heated steam (540°C) is sent to the turbine of 3 types: high pressure turbine, medium pressure turbine and low pressure turbine. Turbo alternator is present on the same shaft where turbine is present. Turbo alternator runs at a rated speed of 3000 rpm. The overall process is monitored and controlled by PLC programs. The power produced is then connected to the power grid through switch yards. Switch yard is comprised of circuit breakers, isolators and step up transformers. Switching transformers are used during emergency times (plant shut down) to get power from the nearby power station. The communication is done using wave-traps in the power line.

October 18 2018

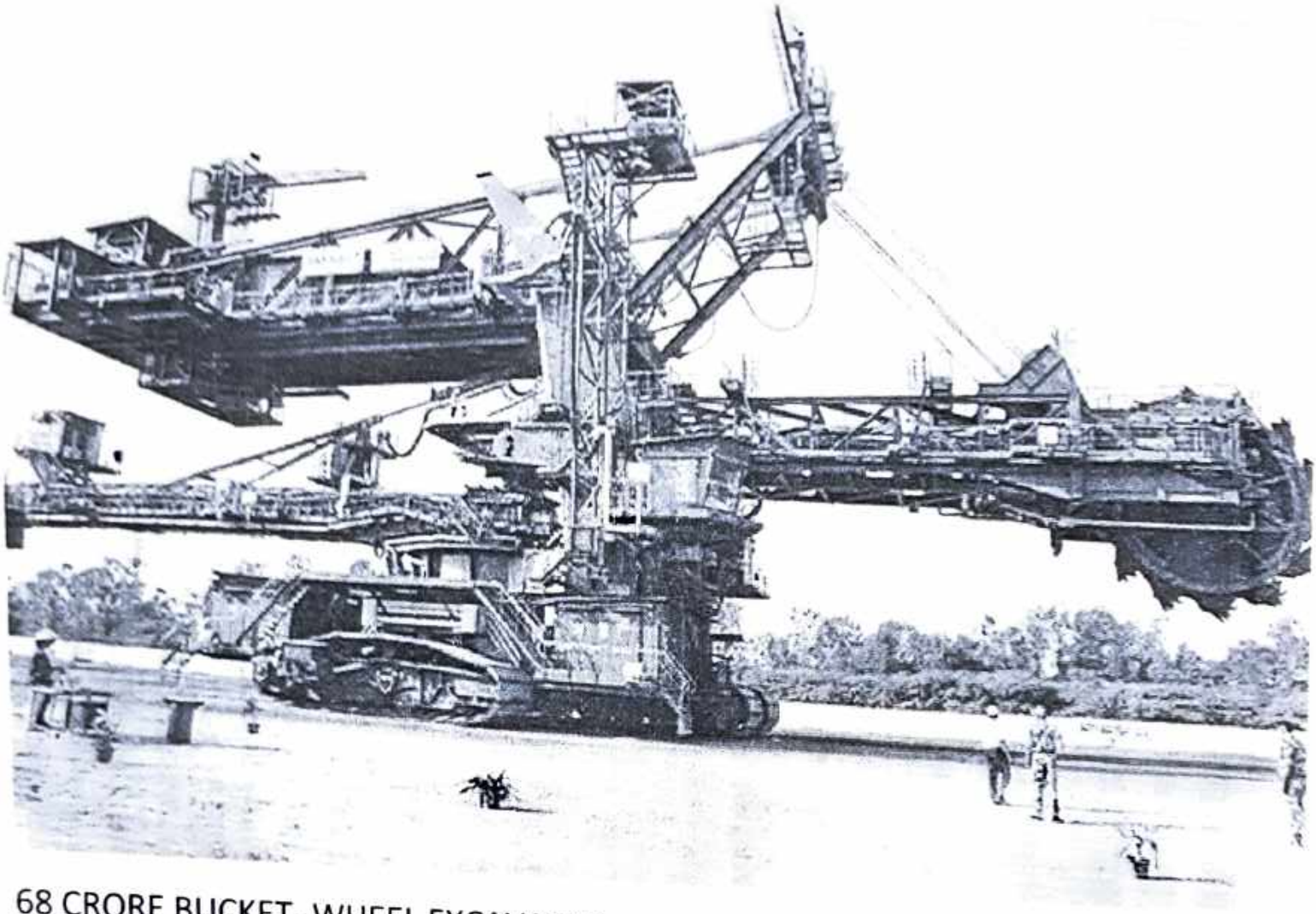
SURVEY CAMP

Survey camp was conducted for the students of III Year Civil Engineering students about a period of 3 days from 18.10.18 to 20.10.18. Various experiments were conducted pertaining to the syllabus as per Anna University Regulation 2013 and the students were benefitted by conducting experiments.

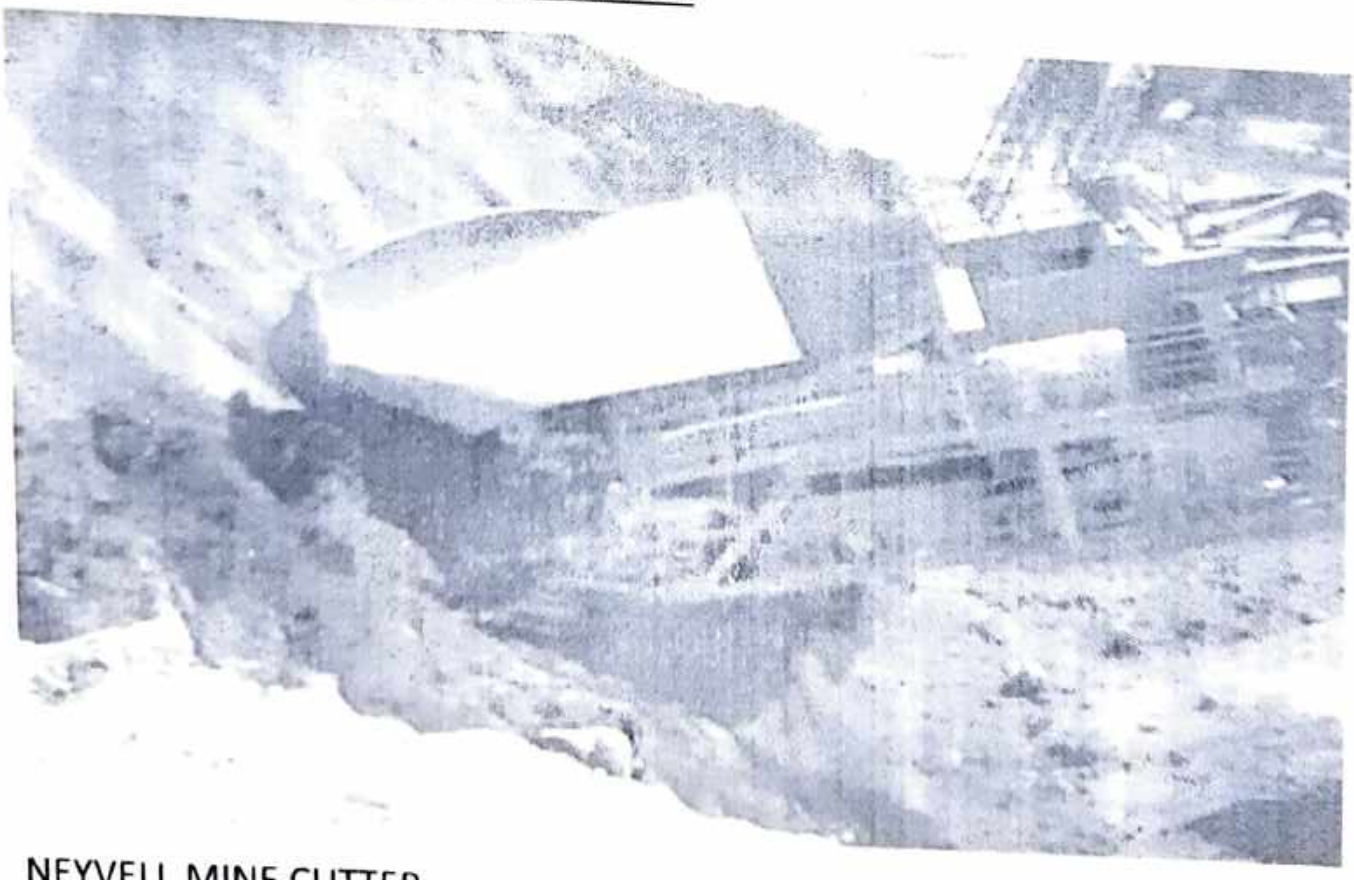


Implementation of the knowledge obtained through the curriculum by studying various topics were done by carrying out the experiments in real-time scenario.

The theoretical background, methods of carrying out the experiments and its practical applications in field using Total station was rendered and delivered to the students by trained professionals from ALG Institute of Technology who graciously accepted our request to teach our students in this regard.



68 CRORE BUCKET- WHEEL EXCAVATOR



NEYVELI MINE CUTTER

NLC SOLAR PANEL

NLC MINE

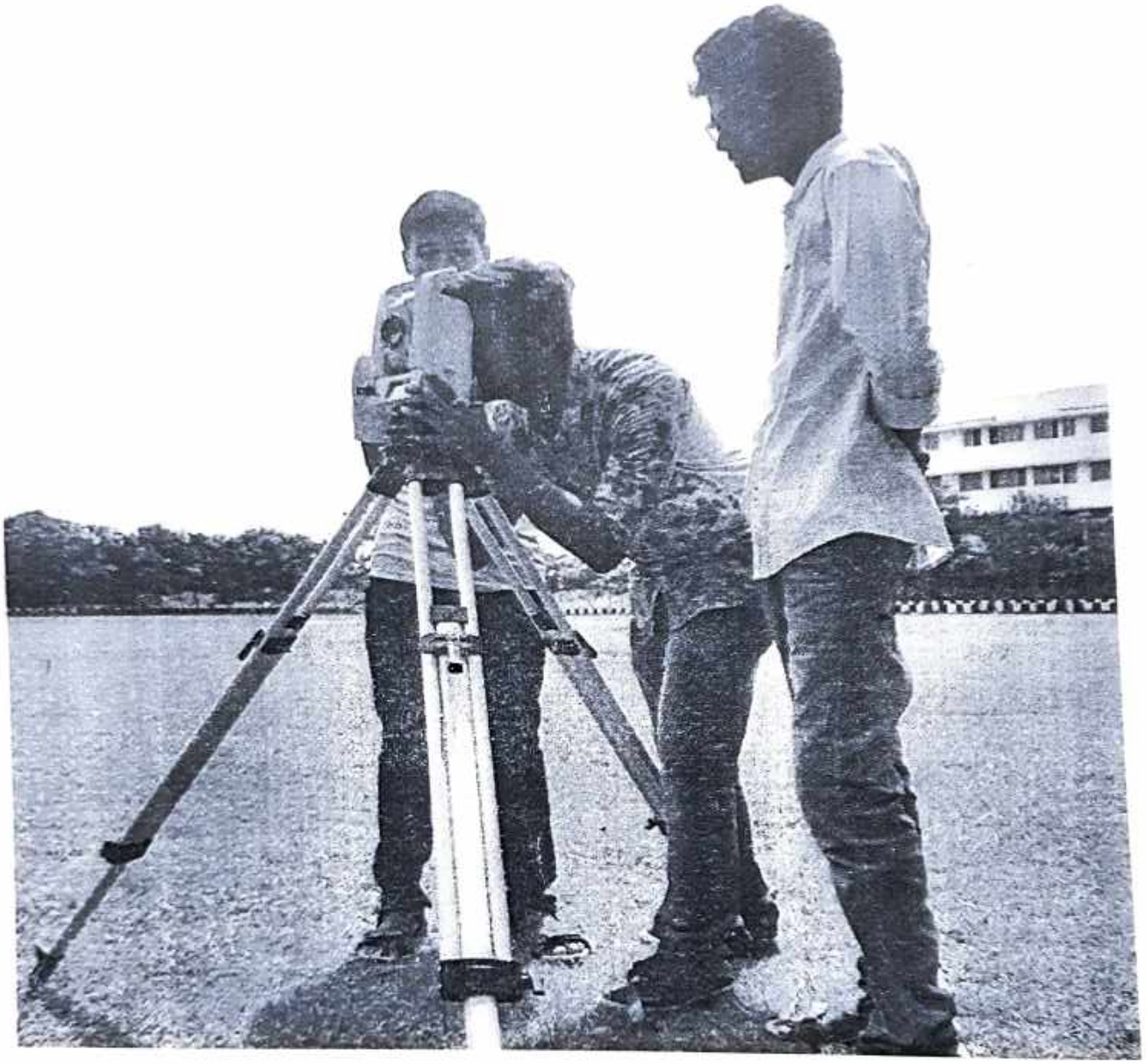
The introduction on ALG International Institute of technology and their services were briefly given to the students by Mr. G. Christyan and Mr. D. David Blessington. The session included paper presentation about Surveying and Equipments.

Prologue on Total station survey about its parts, functions and operations were dealt during the session which included details about Total station instrument setup and levelling, plotting the points on the surface by individual and team, capturing the prismatic level points these are the practices done on this day.

Day 2:

Crosssection and longitudinal section on ground surface were conducted.

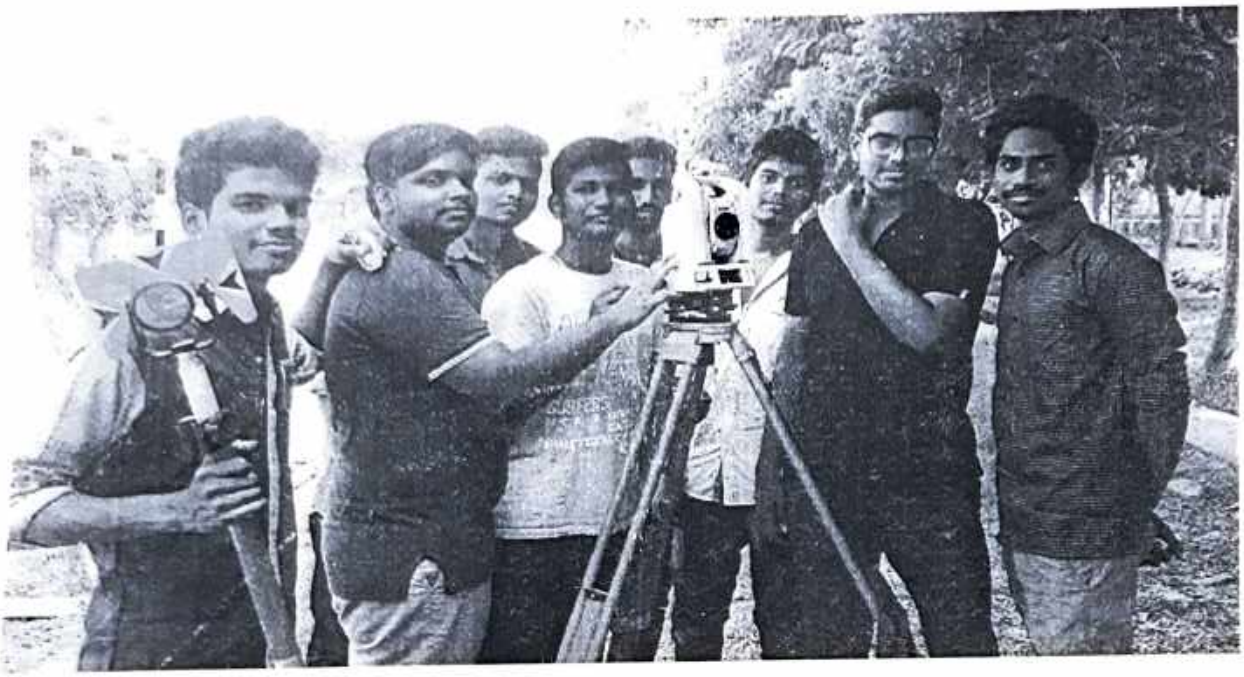
Calculation of area by triangulation method and find out the Stake out points in the field (missing points) were done.



Day 3

Fly leveling and Grid countering session and importing and exporting the points from total station to computer software (AutoCAD) were discussed during third day of survey camp.

Calculating the height of the building and offset marking with basic column markings were the key points pondered through this experiment.



On behalf of the students and staff members of Civil Department, we hereby extend our sincere gratitude to the management, our COO, the Principal of our Institution for giving us the opportunity to conduct the survey camp in our college premises.

We extend our immense gratitude to our beloved Head of the Department, Mr. B. Magesh, for accepting our request and granting us the permission to conduct the camp during the requested period.

PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM
CHENNAI-48

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

July 8, 2017

DEPARTMENT OF CIVIL ENGINEERING POSTER PRESENTATION

In our department Sustainable Development Society (SDS) was inaugurated to make the students to involve in developing Green India. Under SDS cell poster presentation event was organized on the topic of "Green Technology and Sustainable Development" for our students to enrich their knowledge and to expose their talent. The competition was conducted on **July 8th 2017.** Many students eagerly participated in the event and showed their interest towards the event. Around **14 teams (28 students)** were participated in the event. A panel of 3 members judged the event. Also Head of the Department from various departments joined the occasion and made the event more grandeur. Among the 14 teams, panel members selected 3 teams as winners. **1st prize** was awarded to **Subash and Sasi kumar of III 'A' sec** who did presentation in the title of **"Ground water Improvement". 2nd prize** was awarded to **Surya and Sharvesh of III A sec** who did presentation in the title of **"Sustainable Transportation"** and **3rd prize** goes to **Thangamuthu and M.Vignesh of Third year 'B' Sec** who did the presentation in the title of **"Green technology and Sustainable Development".**

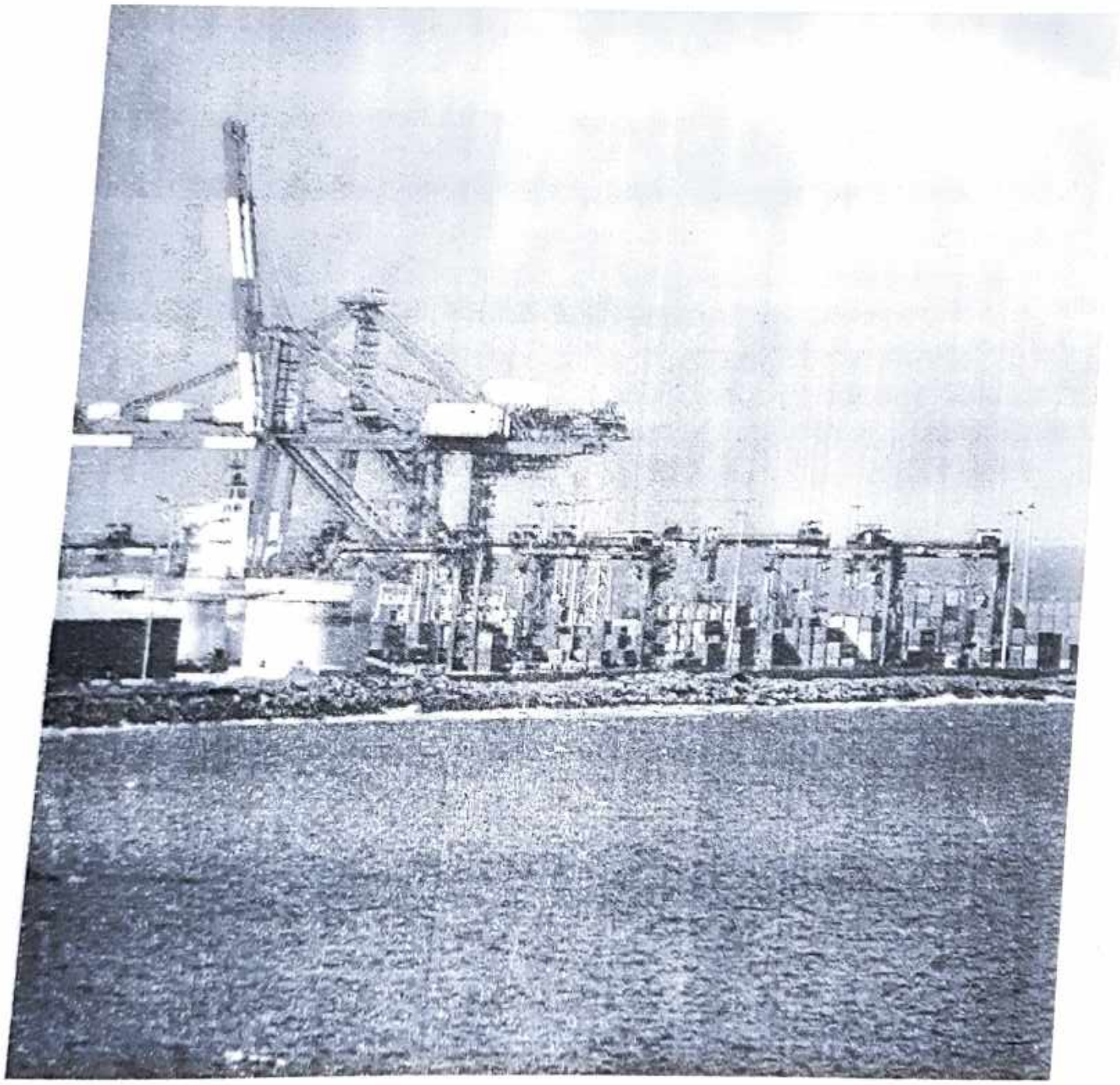
HOD's of Other Department are Visiting our Civil Students Poster Presentation

June 11,15 2018

In plant training Report Chennai Port Trust

One of the prime focuses of Department of Civil Engineering is enhancing the technical skill set of the students by Acquiring practical knowledge through industrial trainings and visit. We always thrive to accommodate the versatile functioning of Civil Engineering. As a part of these students have been encouraged to visit various functioning areas of Civil engineering such us Metro rail airport, harbors and other construction sites. One such visit has been arranged and six of our students were attending the training at the Chennai port Trust from June 11 th to June 15 th 2018.

Chennai port is situated on the Coromandel Coast in South-East India, the port of Chennai has more than 100 years of tradition. Strategically located and well connected with major parts of the world, it is today the hub port on the Indian subcontinent.



Day 1:

The Students were reported to project design office at 9.45 am and Mrs. Jayalakshmi (Assistant Executive Engineer) explained about the operations of project design. Also, she presented about the natural harbors like Goa, Mumbai, Visakhapatnam out of 12 major ports and the difference between them. She explained about docks, berth, fenders, breakwater, bollards, groynes, tetrapod's, rubbles and their functions.

DAY 2:

Panel Members Valid the Poster PresentationStudents Displaying the posters on SDS at Port Delta

WINNERS

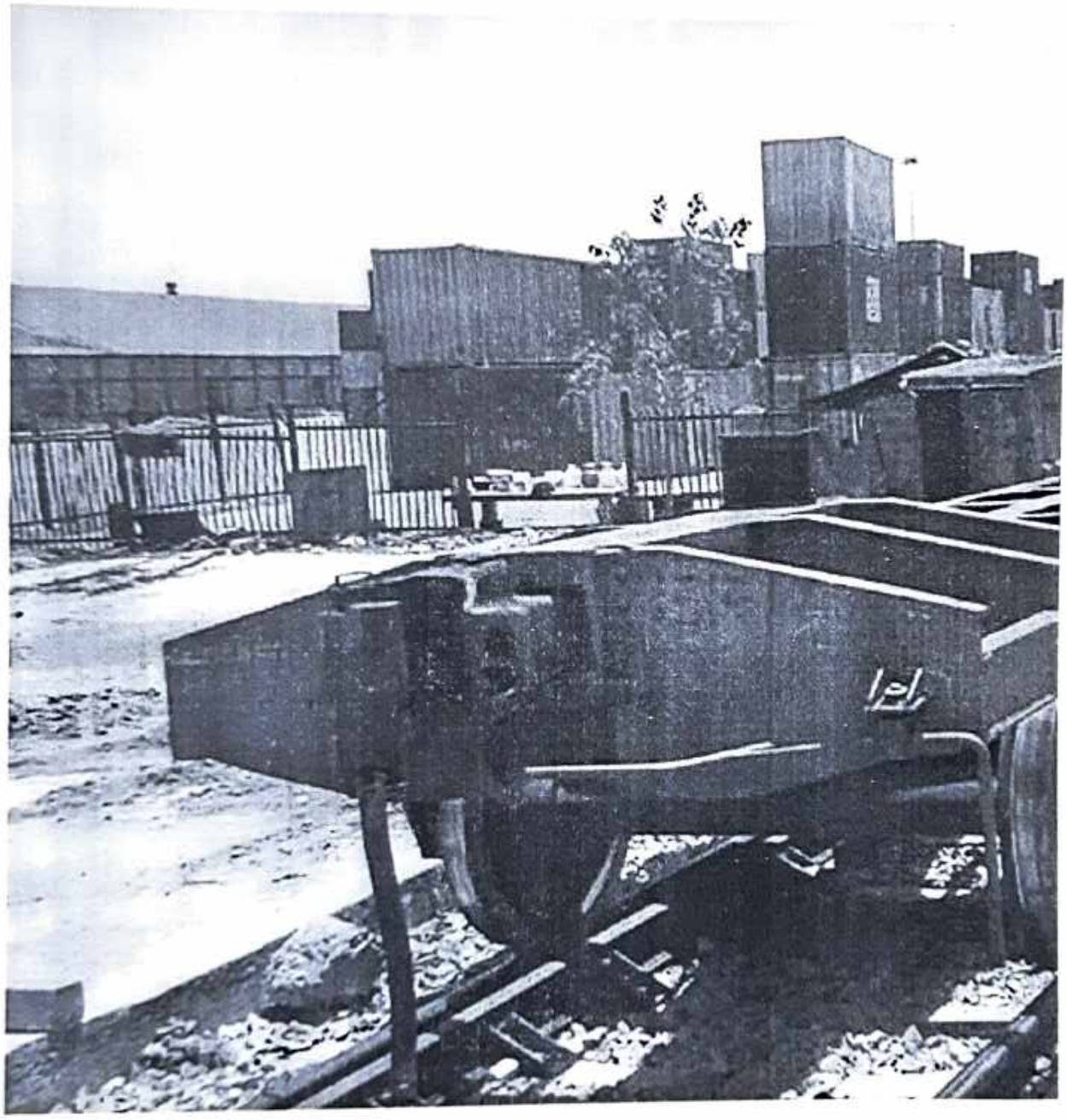
Our Chief guest Er. Gnansekaran, Our Principal Dr.R.Palson Kennedy and Head of the Department Mr.B.Magesh Presented Cash Rewards for the Winners

1st prize - Sasi Kumar and Subash (III year A sec)

2nd Prize - Surya and Sharvesh (III year A Sec)

3rd Prize - Thanganmuthu and M Vignesh (III year B Sec)

The Students were reported to Railway division at 7.30 am and Mr. George (Assistant Executive Engineer) explained the construction of rail tracks and other ongoing projects like expanding railway track network in yards and replacing the old rails and sleepers.



Day: 3

The Students were reported to the Environmental Cell of Chennai Port trust at 9.30 am and Mr. Saravanan (Assistant Executive Engineer) history, concepts and functions of

The students were permitted to enter the Site observed the pile construction in sea water, reinforcement details of piles, the method of pile driving, auger boring, in-situ beams.

DAY: 5

The Students were reported to Northern division at 9.00 am and Mr.Gunasekaran (Assistant executive engineer), who took them to the site and explained about the oil docks and its transportation and how it is stored and collected by the owners.

As it is on the north side, it is named as northern division here the loading and unloading of oil and fuels are carried on.

STUDENT CORNER

This in-plant training gives us more practical knowledge about tender works, working with harbor departments, construction of berths, storage yards, railway lines and other civil engineering on-site encounters with practical difficulties.

We also obtained knowledge about the heavy equipment's used for construction, method of constructing piles in sea water.

We had an exposure to real time works and advanced methodologies and equipment's used for construction.

We had a good experience in Chennai port trust which was committed to efficiency through innovation, the four cornerstones of the port will see much growth in the years to come. Continuous modernization, efficient services at minimum cost, simple and integrated procedures, and user-friendly approach.

Thus, this training was very helpful for us to get practical knowledge & field experience and we sincerely thank Head of the Department of civil engineering -Peri institute of technology for giving permission to the training and for supporting us.

N. Boomiga, M. Dinesh, C. S. Jaya, S. Kamesh, R, Lokesh & R. Ramu

PERI INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

PROJECT REPORT

YEAR/BRANCH : IV EEE				PROJECT WORK : EE6811		Academic year 2018-2019
S.No	BATCH	REG NO	STUDENT NAME	GUIDE NAME	PROJECT TITLE	DESCRIPTION
1	1	411515105033	SOWMIYA S	Dr. KC. Jayasankar	SMART DUAL-AXIS SOLAR TRACKING ENABLED WITH CONTINGENCY APPROACH	The main objective of this project is to implement is that if the LDR sensor is failed it can automatically access with the previous record
2		411515105040	YOGEETHA S			
3		411515105022	MERCY PETRICIA M			
4	2	411515105003	ANISH KUMAR G	Dr. KC. Jayasankar	PERSONAL HEALTH CARE MONITORING SYSTEM USING ARDUINO	It is a novel design of an Arduino Based System collaborating the basic health monitoring needs of, not only a patient, but any individual person
5		411515105032	SHANKAR NARAYANAN V			
6		411515105011	DINESH KUMAR M			
7	3	411515105021	MANISHA M	Ms. S. Lakshmi	SMART GARBAGE COLLECTION FOR MUNICIPAL SOLID WASTE	Solid waste management is one of major aspect that has to be Considered for making our environment healthier
8		411515105015	KAMALI G L			
9	4	411515105013	HARISH KUMAR S	Ms. S. Lakshmi	SMART HOME BY USING VOICE RECOGNITION	The aim of project is to control home appliances by voice commands using Google assistant
10		411515105020	MANIKANDAN R			
11		411515105029	RAJALINGAM K			
12	5	411515105026	NIROCTNE G	Ms.S.L Sreedevi	Single Stage PV Fed brushless DC motor driven industrial Applications	In order to optimize the solar photovoltaic (PV) generated power using a maximum power point tracking (MPPT) technique
13		411515105037	VINOTHINI G			
14		411515105019	MALARVIZHI S			
15	6	411515105005	BALASUBRAMANIAN	Ms.S.L Sreedevi	STATIC AND DYNAMIC AUTOMATIC WIRELESS CHARGING ELECTRIC VEHICHLE	In order to improve the efficiency of dynamic and static charging system of electric vehicle
16		411515105010	DINESH T			
17		411515105004	BUNCHARAMOORTHY			
18	7	411515105034	THANUJAA S	Ms. N. Priya	PREPAID ENERGY METER WITH GSM TECHNOLOGY AND IOT	The aim of the project is to minimize the queue at the electricity billing counters and to restrict the usage of electricity automatically, if the bill is not paid
19		411515105025	NARESH KUMAR V N			
20		411515105007	DINESH P			

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21	8	411515105006	DANIEL JONES I S	Ms. N. Priya	A Modular Multi-Level converter for Optimal Power Flow Control in Grid Connected PV System	A modular multi-level converter with comparative study between two MPPT algorithms used for optimal power flow control in a small grid connected PV system.
22		411515105028	RAGAVAN R			
23		411515105012	ELAYNCHEZHIYAN K			
24	9	411515105014	HARISH RAJ S	Mr. D. Sathyaraj	A MODIFIED SEPIC BASED DC-DC CONVERTER USING QUASI RESONANT OPERATION FOR RENEWABLE ENERGY APPLICATION	A new Modified Single Switch Single Ended Primary Inductor Converter (MS2-SEPIC)-based high step-up DC-DC converter is presented.
25		411515105007	DANUSH ADHITHYA N			
26		411515105018	LESSLEE NEW BEHAN			
27	10	411515105027	PRADEEP KUMAR K	Mr. D. Sathyaraj	Design and implementation of smart helmet system	The proposed system includes smart helmet where in the IR sensor is enabled only when the helmet is put on. Alcohol detector is used to sense whether biker rider doesn't drink.
28		411515105002	AKESH M			
29		411515105039	VISWESH.K			
30	11	411515105017	KISHORE BABU C	Mr.P.Sundararaman	A High-Efficiency Hybrid Resonant Converter With Wide-Input Regulation for Photovoltaic Applications	A micro-converter serves as a front-end dc–dc stage of a microinverter to convert the power from a photovoltaic module to a dc bus.
31		411515105030	RAKESH.R			
32		411515105303	KARTHICK KANNAN			
33	12	411515105016	KEERTHANA S	Mr.R. Tamilamuthan	UNDER GROUND FAULT DETECTING AND LOCATING USING IOT	The aim of the project is to detect the fault and locating it . Quick fault detection can help protect the equipment by allowing the disconnection of faulted lines before any significant damage of the equipment
34		411515105038	VISHNU PRIYA B			
35	13	411515105301	BALAMURUGAN	Mr.R. Tamilamuthan	DESIGN OF FAST CHARGING TECHNIGUE FOR ELECTRICAL VECHICLE CHARGING STATIONS WITH GRID TIED CASCADED H-BRIDGE MULTILEVEL CONVERTER	The resonant dc-dc converter design procedure for an on board battery charger of a plug –in-hybrid electrical vehicle(PHEV).
36		411515105302	HUSSAIN			
37		411515105024	NARESH N			
38	24	411515105004	ARUMATIAS K S	Mr.P.Sivaperumal	Implementation of single phase inverter using single stage for solar energy using MPPT	In this paper, an improved transformer less single-phase single-stage grid-tied flying inductor inverter is presented.
39		411515105035	G.VIJAY			
40		411515105036	VIJAY N			
41	25	411515105023	NANDAKUMAR R	Mr.P.Sivaperumal	A SOFT-SWITHING BIDERECTIONAL DC-DC CONVERTER FOR THE BATTERY SUPER-CAPACITOR HYBRID ENERGY STORAGE SYSTEM	The battery super-capacitor hybrid energy storage system (BSHESS) applied to the electric vehicle (EV) or the hybrid electric vehicle
42		411515105031	KUMARAN M			

PROJECT COORDINATOR

HOD/EEE

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EEIN001- PERSONAL HEALTH CARE MONITORING SYSTEM USING ARDUINO

Anish kumar.G[1], Dinesh kumar.M[2], Shankar narayanan.V[3],K.C.Jayasankar[4]

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Abstract-- ***Modern Electronic devices and technologies has served a lot to reduce the constraints in the field of Biometrics. From basic digital thermometers to complex MRI scanners, Electronics has helped in every advancement. Although various Health Monitoring Systems are widely available now a days, they are both cost ineffective and centred to use only on patients. The need for a Personalized Health Monitoring System provoked the idea of this paper. It is a novel design of an Arduino Based System collaborating the basic health monitoring needs of, not only a patient, but any individual person. It will provide basic body check-up facilities such as measurement of body temperature, heart rate, visual acuity, hearing level, height, weight, BMI, blood glucose level and ECG at ease of one's home. The processing of data is carried out using Arduino. The system is to be designed with user friendly, non-invasive sensors and components, interactive interface and report generation based on results.***

Keywords---- Personal Health Monitoring, Biometrics, Non-invasive measurement.

EEIN002 - PREPAIDENERGYMETERWITH GSMTECHNOLOGYAND IOT

P.Dinesh[1],V.Nareshkumar[2],S.Thanujaa[3], N.Priya[4]

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ABSTRACT----***The aimoftheprojectistominimizethequeueattheelectricity billingcountersandtorestrictthe usageofelectricityautomatically,ifthebillis notpaid.Theprojectalsoaimsatproposingasystemthatwillreducetheloss of powerandrevenueduetopowertheftsandotherillegalactivities.Theworksystemadoptsatotally newconceptof "Prepaid Electricity". The GSM technology is used so that the consumer would receive messages about the consumption of power (in watts) and if it reaches the minimum amount, it would automatically alert the consumer to recharge. The systemis fully Internet of Things (IOT) based and highly desirable in field of energy. In this system consumer can do power management by knowing energy usage time to time.***

Keywords---- Prepaid Electricity ; power management; queue at the electricity billing.

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EEIN003 - UNDER GROUND FAULT DETECTING AND LOCATING USING IOT

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Abstract----*The aim of the project is to detect the fault and locating it . Quick fault detection can help protect the equipment by allowing the disconnection of faulted lines before any significant damage of the equipment. The accurate fault location can help utility personnel remove persistent of the faults and locate the areas where the faults regularly occur, thus reducing the occurrence of fault and minimize the time of power outages. The detection and location of faults on power transmission lines is essential to the protection and maintenance of a power system. The fault detection and location relate to the measurements of electrical quantities provided by current and voltage sensors. The GSM technology is used so that the personnel would receive alert messages with location. The system is fully Internet of Things (IOT) based which helps in real time monitoring of transmission and distribution cables.*

Keywords----IOT, Relay, Arduino Microcontroller, GSM, Sensors.

EEIN004 - A Modular Multi-Level converter for Optimal Power Flow Control in Grid Connected PV System

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elaynchezhiyan32@gmail.com, ragavanrajaram1234@gmail.com, danyjones.dj64@gmail.com,
priya13eee@gmail.com

ABSTRACT----*A modular multi-level converter with comparative study between two MPPT algorithms used for optimal power flow control in a small grid connected PV system. The proposed inverter has two module, upper sub module and lower sub module based on multi-level inverter. The newly modified inverter compares with non-MPPT (Maximum Power Point Tracker), Perturb & Observe (P&O), and Incremental Conductance (IC).*

Keywords----MPPT; Perturb & Observe P&O;Incremental Conductance (IC).

EEIN005 - SMART DUAL-AXIS SOLAR TRACKING ENABLED WITH CONTINGENCY APPROACH

Mercy Patricia.M[1], Sowmiya.R[2], Yogeetha.S[3], Dr.K.C.Jayasankar[4]

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Abstract*----The main goal of this project is to develop and implement a prototype of two-axis solar tracking system based on a ARDUINO microcontroller. The parabolic reflector or parabolic dish is constructed around two feed diameter to capture the sun's energy by tracking light with the help of LDR sensor. The focus of the parabolic reflector is theoretically calculated down to an infinitesimally small point to get extremely high temperature. This can monitored and data can be stored through IOT. This two axis auto-tracking system has also been constructed using Arduino microcontroller. The programming language is used to interface the Arduino with automatic solar tracking system. The light sensors (LDR) are used to track the sun and to start the operation (Day/Night operation). Time Delays are used for stepping the motor and reaching the original position of the reflector. The solar tracking system is constructed with both hardware and software implementations. Maximum Power Point Tracking(MPPT) is also implemented to improve the electrical power generation. The designs of the gear and the parabolic reflector are carefully considered and precisely calculated and all the data will be uploaded automatically. The main objective of this project is to implement is that if the LDR sensor is failed it can automatically access with the previous record.*

Keywords— Two-axis solar tracking, Arduino, LDR, MPPT.

EEIN006- SMART HOME BY USING VOICE RECOGNITION

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ABSTRACT**----*****The aim of our project is to control home appliances by voice commands using Google assistant . User sends a command through speech to the mobile device, which interprets the message and sends the appropriate command to the specific appliance. The voice command given by the user is interpreted by the mobile device using Google assistant. In this home automation appliances like light, Fans are used which can be controlled easily using the Google assistant from the voice commands. As the user give the voice command to Google assistant according to that the home appliances can be switched ON/OFF accordingly .***

Keywords---- Smart home ;Google assistant ; control appliances by voice commands

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EEIN007 - STATIC AND DYNAMIC AUTOMATIC WIRELESS CHARGING ELECTRIC VEHICHLE

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Abstract---*In order to improve the efficiency of dynamic and static charging system of electric vehicle . Stationary charging electric vehicles can charge wirelessly when they are parked and dynamic charging electric vehicles can charge while they are in motion. Using lid type magnetic core improve dynamic charging system. Power loss will be reduced using PLC automation system in dynamic wireless charging.*

Keywords---- Electric vehicle, Dynamic Charging, Static Charging.

EEIN008 - Implementation of single phase inverter using single stage for solar energy using MPPT

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Abstract---- *In this paper, an improved transformer less single-phase single-stage grid-tied flying inductor inverter is presented. The negative terminal of the photovoltaic (PV) array is grounded in the improved topology, which increases reliability and suppresses the leakage current. The proposed topology has buck–boost capability without increasing the number of required components and has a high efficiency. An improved control algorithm for proper operation of the proposed topology which decreases switching losses has been investigated. A perturbation and observation maximum power point tracking(MPPT) algorithm has been adapted to the proposed inverter, which does not utilize proportional–integral (PI) controllers, for the purpose of the MPPT.*

Keywords— Grid-tied Flying Inductor Inverter, Photovoltaic, Switching Losses.

ICIRCC'19
International Conference on Informatics , Robotics, Construction & Communication

EEIN009 - A MODIFIED SEPIC BASED DC-DC CONVERTER USING QUASI RESONANT OPERATION FOR RENEWABLE ENERGY APPLICATION

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Abstract----*A new Modified Single Switch Single Ended Primary Inductor Converter (MS2-SEPIC)-based high step-up DC-DC converter is presented. The proposed topology uses the coupled-inductor (CL) technique and a voltage tripler rectifier which result a high voltage gain for the converter. Here, the switching loss has been reduced significantly because of the owing to the quasi-resonance operation of the circuit created by the leakage inductance of the CL along with circuit capacitors. The operational principles and steady state analysis are discussed. Experimental results based on a 100W laboratory prototype verify the validity of theoretical analysis.*

Keywords----High step-up, quasi-resonance operation, SEPIC converter.

EEIN010 - Single Stage PV Fed brushless DC motor driven industrial Applications

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ABSTRACT----*In order to optimize the solar photovoltaic (PV) generated power using a maximum power point tracking (MPPT) technique, a DC-DC conversion stage is usually required in solar PV fed water pumping which is driven by a brushless DC (BLDC) motor. This power conversion stage leads to an increased cost, size, complexity and reduced efficiency. As a unique solution, this work addresses a single stage solar PV energy conversion system feeding a BLDC motor-pump, which eliminates the DC-DC conversion stage. A simple control technique capable of operating the solar PV array at its peak power using a common voltage source inverter (VSI), is proposed for BLDC motor control. The proposed control eliminates the BLDC motor phase current sensors. No supplementary control is associated for the speed control of motor-pump and its soft start. The speed is controlled through the optimum power of solar PV array. The suitability of proposed system is manifested through its performance evaluation using MATLAB/Simulink based simulated results and experimental validation on a developed prototype, under the practical operating conditions.*

Keywords---- Maximum power point Tracking, Brushless DC motor, PV Array.

EEIN011 - DESIGN OF FAST CHARGING TECHNIGUE FOR ELECTRICAL VECHICLE CHARGING STATIONS WITH GRID-TIED CASCADED H-BRIDGE MULTILEVEL CONVERTER

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Abstract---*The resonant dc-dc converter design procedure for an on board battery charger of a plug –in- hybrid electrical vehicle(PHEV). Unlike traditional resistive load application, the characteristics of a battery load in nonlinear and highly related to the charging profiles. based on the features of an LLC converter and the characteristics of the charging profile ,the charging step-by-step design methodology is proposed and validated through experiments ,the estimated parameters can increase the constant on a charging duration for Li-ion batteries so the charging speed is improved, experiments are conducted on a charging station which is based on a H-bridge resonant converter to validate the proposed fast charging technique.*

Keyword----Fast charging, cascaded H-Bridge, electrical vehicle charging station, polarization parameters, internal resistance.

EEIN012 - SMART GARBAGE COLLECTION FOR MUNICIPAL SOLID WASTE

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Abstract----*Solid waste management is one of major aspect that has to be Considered for making our environment healthier .This project has been carried out considering many factors such temperature position of the Dustbin, sensing of gas, level of the garbage in the dustbin. Various sensors such has gas sensor, ultrasonic sensor, fire sensor and IR sensor are used to sense the gas, level of the garbage, fire and position of the Dustbin. In solid waste management for accurate measurement of parameters, IOT and GSM are used. Finally this project makes our environment healthier and clean. It also makes our environment hygienic with the concept of IOT.*

Keyword ----Making our environment healthier-sensing of parameters-sensors-accurate measurement

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EEIN013 - A High-Efficiency Hybrid Resonant Converter With Wide-Input Regulation for Photovoltaic Applications

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Abstract---- ***A micro-converter serves as a front-end dc–dc stage of a microinverter to convert the power from a photovoltaic module to a dc bus. These front-end micro-converters require isolation, high-boost ratio, wide-input voltage regulation, and high efficiency. This paper introduces an isolated resonant converter with hybrid modes of operation to achieve wide-input regulation while still maintaining high efficiency. The proposed converter is designed as a series resonant converter with nominal-input voltage and operates under two additional modes: a boost converter with low-input voltage and a buck converter with high-input voltage. Unlike conventional resonant converters, this converter operates at discontinues conduction mode with a fixed frequency, simplifying the design and control. In addition, this converter can achieve zero-voltage switching (ZVS) and/or zero-current switching (ZCS) of the primary-side MOSFETs, ZVS and/or ZCS of the secondary-side MOSFETs, and ZCS of output diodes under all operating conditions. Experimental results using a 300-W prototype achieve a peak efficiency of 98.1%.***

Keywords---- Micro converter ; requirements ; hybrid mode operation ; series resonant converter ; discontinuous conduction ;ZVS or ZCS.

EEIN014- Design and implementation of smart helmet system

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Abstract----*Road traffic injuries are a major public health problem and a leading cause of death and injury around the world. Each year nearly 1.2 million people die as a result of road crashes, and millions more are injured or disabled. A helmet aims to reduce the risk of serious head and brain injuries by reducing the impact of a force or collision to the head. The proposed system includes smart helmet where in the IR sensor is enabled only when the helmet is put on, Alcohol detector is used to sense whether biker rider doesn't drink. This system also incorporates other features like Finger Print Sensor, alcohol sensor, IR sensor, mems Sensor and GSM . Such features serve as the rider aids. The IOT techniques has added in this systems to monitor a vehicle of the respective people and GSM has used to send the message if any changes occurred in the above parameters.*

Keywords---- Alcohol detector, IOT techniques, IR sensor, mems Sensor and GSM

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Department of Electrical and Electronics Engineering

BEST PROJECT – DATE:16/04/2019

YEAR/BRANCH : IV EEE				PROJECT WORK : EE6811		BATCH: 2015-2019	
S.No	BATCH	REG NO	STUDENT NAME	GUIDE NAME	PROJECT TITLE	REMARKS	RANK
1	1	411515105003	ANISH KUMAR G	Dr. KC. Jayasankar	PERSONAL HEALTH CARE MONITORING SYSTEM USING ARDUINO	Modern Electronic devices and technologies has served a lot to reduce the constraints in the field of Biometrics. From basic digital thermometers to complex MRI scanners, Electronics has helped in every advancement. Although various Health Monitoring Systems are widely available now a days, they are	FIRST
2		411515105032	SHANKAR NARAYANAN V				
3		411515105011	DINESH KUMAR M				
4	2	411515105013	HARISH KUMAR S	Ms. S. Lakshmi	SMART HOME BY USING VOICE RECOGNITION	The aim of our project is to control home appliances by voice commands using Google assistant. User sends a command through speech to the mobile device, which interprets the message and sends the appropriate command to the specific appliance. The voice command given by	SECOND
5		411515105020	MANIKANDAN R				
6		411515105029	RAJALINGAM K				
7	3	411515105034	THANUJAA S	Ms. N. Priya	PREPAID ENERGY METER WITH GSM TECHNOLOGY AND IOT	The aim of the project is to minimize the queue at the electricity billing counters and to restrict the usage of electricity automatically, if the bill is not paid. The project also aims at proposing a system that will reduce the loss of power	THIRD
8		411515105025	NARESH KUMAR V N				
9		411515105009	DINESH P				

PROJECT COORDINATOR

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ICIRCC'19
International Conference on Informatics , Robotics, Construction & Communication

EEIN015 - A SOFT-SWITHING BIDERECTIONAL DC-DC CONVERTER FOR THE BATTERY SUPER - CAPACITOR HYBRID ENERGY STORAGE SYSTEM

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Abstract----***The battery super-capacitor hybrid energy storage system (BSHESS) applied to the electric vehicle (EV) or the hybrid electric vehicle (HEV), the bidirectional DC-DC converter (BDC) is the key component to control the energy flow between the battery and the super-capacitor. To reduce the internal energy loss of the BSHESS, the efficient BDC with soft-switching characteristics is the best choice. In this paper, through analyzing several existing soft-switching BDCs, a new coupled inductor based soft-switching BDC is proposed. This BDC has a simple structure without any auxiliary switch and can provide soft-switching conditions for both switches without additional control signals. In order to prove the feasibility of the proposed BDC, experimental results, which are obtained from an experimental prototype, are presented Experimental results show that soft-switching conditions of both switches of the proposed BDC are achieved.***

Keyword----Soft-switching, DC/DC converter, ZVS, coupled inductor, HESS

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PROJECT REPORT

YEAR/BRANCH : IV EEE				PROJECT WORK : EE6811		Academic Year 2017-2018
S.No	BATCH	REG NO	STUDENT NAME	GUIDE NAME	PROJECT TITLE	DESCRIPTION
1	1	411514105002	M. ASHEEK ALI	F.RUBY VINCY R	ELECTRONIC FILTER FOR HARMONIC MITIGATION IN A MEDICAL RESEARCH CENTRE	Harmonic mitigation in medical research centre. In hospitals electonic filter for harmonics mitigation to improve power quality
2		411514105022	S. MOHAMMED VAHID MEERAN			
3		411514105025	A. MUDASSIR AHMED			
4	2	411514105012	JAYAVEL G	Mrs.K.SUJATHA	INTERNET OF THINGS BASED REAL TIME TRANSFORMER PERFORMANCE MONITORING SYSTEM	An emerging field in machine to machine communication is Internet of Things (IOT), which allows the possibility for autonomous devices to use the Internet for exchanging data. This work presents design and execution of real time monitoring and fault detection in transformers by recording key operation indicators of a distribution transformer like load current, voltage, transformer oil temperature and gas composition, which is sent to an online server with the help of an IOT module. Through this project, we aim to minimize working efforts and improve the transformer fault detection capability across the distribution system.
5		411514105020	MADHANDANI B			
6		411514105045	VISHAL VIJAYKUMAR V			
7		411514105304	LOGAPRAKASAM .C			
8	3	411514105016	KAVIN KUMAR G	Mr.P.ELANGO	DESIGN AND ANALYSIS OF 400/110 KV ELECTRICAL SUBSTATION BASED ON LOAD FLOW ANALYSIS	Power is essentially required for the development of any country. To maintain the generation of electric power at adequate level the power has to be transmitted in proper form and quality to the consumer. This research paper deals with the simulation of 400/110 kV substation in Electrical Transient Analyzer Program (ETAP) with detailed
9		411514105027	NISHANTH G			
10		411514105040	SURYA PRAKASH K			
11	4	411514105011	JAMES A	Mr. D. SATHYARAJ	A UNIFIED CONTROL AND POWER MANAGEMENT SCHEME FOR PV-BATTERY-BASED HYBRID MICROGRIDS FOR BOTH GRID-	Battery storage is usually employed in Photovoltaic (PV) system to mitigate the power fluctuations due to the characteristics of PV panels and solar irradiance. Control schemes for PV-battery systems must be able to stabilize the bus voltages as well as to control the power flows flexibly. This paper proposes a comprehensive control and power management system (CAPMS) for PV-battery-based hybrid micro grids with both AC and DC buses. for
12		411514105038	SELVARAJ M			
13		411514105043	VIGNESH N			
14		411514105308	PRASANTH.J			
15	5	411514105004	BALAMBIGAI M	Ms. N. PRIYA	SOLAR FED QUASI SWITCHED BUCK BOOST SIWAKOTI-H INVERTER	This project proposes a new single-phase H-Bridge transformer less inverter with common ground for grid connected photovoltaic systems (here after it is called 'Siwakoti-H' inverter). The inverter works on the principle of flying capacitor and consist of only four power switches (two reverse blocking IGBT's (RB-IGBT) and two MOSFET's), a capacitor and a
16		411514105018	LAVANYA E			
17		411514105033	SANGARI S			
18	6	411514105008	DAFNEY RUBAVATHI S	Mr.K.MUTHUKUMAI	ARTIFICIAL NEURAL NETWORK FOR CONTROL AND GRID INTEGRATION OF RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS	Residential solar photovoltaic (PV) energy is becoming an increasingly important part of the renewable energy. A Residential solar PV array is usually connected to the distribution grid through A single-phase inverter. Control of the single-phase PV system should maximize the power output from the PV array while ensuring overall system performance, safety, reliability, and controllability for interface with the electricity grid. This paper has two main objectives. the first objective is to develop
19		411514105013	KALAIARASI S			
20		411514105017	KOWSALYA A			
21		411514105028	NITHYA R			
22	7	411514105005	BALAMURUGAN P	Mr. T.ARUN SHANKA	SOLAR PV POWERED BLDC MOTOR DRIVE FOR WATER PUMPING USING CUK CONVERTER	A solar photovoltaic (SPV) powered brushless DC (BLDC) motor drive for water pumping is presented in this paper. The current sensors of BLDC motor and the voltage sensor at the DC bus of voltage source inverter (VSI) are eliminated completely. Instead, the speed is controlled by adjusting the DC bus voltage
23		411514105007	CHOZAVARADHAN G			
24		411514105044	VIJAYAKUMAR S			
25		411514105305	MOHAMED AMEEN .M			
26	8	411514105023	MOHAN B	Mrs. S.T. SREEDEVI	AUTOMATIC LOAD FREQUENCY CONTROL OF MULTI-AREA POWER SYSTEM USING SOFT COMPUTING TECHNIQUES	Proportional integral (PI) is crucial for the operation and design of modern electric power systems. Proportional integral (PI) and proportional integral derivative (PID) controllers are used to control the various parameters of multi area power system. Due to high peak overshoot and settling time, conventional PI and PID controllers are not preferred for large power system. The main motivation of this project is to control the output frequency response with minimum peak overshoot and settling time. This project presents an ANFIS
27		411514105024	MOHAN DASS C			
28		411514105047	UTHAYARAJ A			
29		411514105306	MOHAN .P			

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30	9	411514105026	NAVEENKUMAR D	Mr.R.TAMILAMUTHAN	POWER QUALITY IMPROVEMENT IN MICRO GRID USING UPFC	This project investigates the enhancement in voltage stability margin as well as the improvement in the power transfer capability in a micro-grid power system with the incorporation of UPFC. Flexible AC transmission system (FACTS) devices uses power electronics components to maintain controllability and capability of electrical power system FACTS controller includes unified power flow controller
31		411514105031	RAJESH P			
32		411514105039	SURENDHRAN R			
33	10	411514105030	PAKANATI THARUN KUMAR P	Mr.R.TAMILAMUTHAN	A HYBRID RESONANT CONVERTER FOR BETTER VOLTAGE REGULATION FOR PHOTOVOLTAIC APPLICATIONS	A micro-converter serves as a front-end dc–dc stage of a micro-inverter to convert the power from a photovoltaic module to a dc bus. These front-end micro-converters require isolation, high-boost ratio, wide-input voltage regulation, and high efficiency. This paper introduces an isolated resonant converter with hybrid modes of operation to achieve wide-input regulation while still maintaining high efficiency. The proposed converter is designed as a series resonant converter with nominal-input voltage and operates under two additional modes: a boost
34		411514105037	SEENU VASAN S			
35		411514105041	THEESHANTII R			
36		411514105042	VICKY MOHAN S			
37	11	411514105010	GOWSIKVENKATESH M	Mr.P.SUNDARARAMAN	DESIGN AND ANALYSIS OF A HIGH VOLTAGE-GAINSTEP-UP RESONANT DC-DC CONVERTER FOR TRANSPORTATION APPLICATIONS	power take-off (PTO) system in automotive applications refers to the system that takes power from the internal combustion engine (ICE) shaft to drive vehicle accessories. PTO system is widely used in the specialty vehicles, such as utility truck, tractors, construction vehicles, etc. In these vehicles, there are many electric loads to be driven by the PTO system so that the shaft of the ICE is usually connected to a generator, as shown in Fig. 1a. Some of the key challenges of this PTO system include,
38		411514105019	MADHAN K			
39		411514105035	SATHISHKUMAR P			
40		411514105046	VIVEK N			
41	12	411514105006	BHARANITHARAN U	Mr.M.KEERTHIVASA	MPPT IN DYNAMIC CONDITION OF PARTIALLY SHADED PV SYSTEM BY USING WODE TECHNIQUE	behaviour inspired whale optimization with differential evolution(WODE) technique based tracking algorithm for the maximum power point tracking in the dynamic as well as the steady-state conditions of a partially shaded solar photovoltaic (PV) system. This 'WODE' technique is used for quick and oscillation-free tracking of the global best peak position in a few steps. The unique advantage of this algorithm for maximum power point tracking (MPPT)
42		411514105014	KALAI SELVAN G			
43		411514105015	KANNADASAN R			
44		411514105021	MANOJ KUMAR K			

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EE4P01 INTERNET OF THINGS BASED REAL TIME TRANSFORMER PERFORMANCE MONITORING SYSTEM

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Abstract-*An emerging field in Machine to Machine communication is Internet of Things (IOT), which allows the possibility for autonomous devices to use the Internet for exchanging data. This work presents design and execution of real time monitoring and fault detection in transformers by recording key operation indicators of a distribution transformer like load current, voltage, transformer oil temperature and gas composition, which is sent to an online server with the help of an IOT module. Through this project, we aim to minimize working efforts and improve the transformer fault detection capability across the distribution system.*

Keywords-Internet of Things (IOT), Real Time Monitoring, Transformer Oil Temperature, Gas Composition.

EE4 P02 DESIGN AND ANALYSIS OF 400/110 KV ELECTRICAL SUBSTATION BASED ON LOAD FLOW ANALYSIS USING ETAP

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Abstract-*Power is essentially required for the development of any country. To maintain the generation of electric power at adequate level the power has to be transmitted in proper form and quality to the consumer. This research paper deals with the simulation of 400/110 kV substation in Electrical Transient Analyzer Program (ETAP) with detailed load flow analysis, short circuit analysis, harmonic analysis and also to overcome the problem of an under voltage by using SVC. The results are based on actual data received from 400/110 kV substation.*

Keywords- Electrical Transient Analyzer Program (ETAP), Load Flow Analysis (LFA), Static VAR Compensator (SVC), Short Circuit Analysis (SCA).

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EE4 P03 A UNIFIED CONTROL AND POWER MANAGEMENT SCHEME FOR PV-BATTERY-BASED HYBRID MICROGRIDS FOR BOTH GRID-CONNECTED AND ISLANDED MODES

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Abstract-*Battery storage is usually employed in Photovoltaic (PV) system to mitigate the power fluctuations due to the characteristics of PV panels and solar irradiance. Control schemes for PV-battery systems must be able to stabilize the bus voltages as well as to control the power flows flexibly. This paper proposes a comprehensive control and power management system (CAPMS) for PV-battery-based hybrid micro grids with both AC and DC buses, for both grid-connected and islanded modes. The proposed CAPMS is successful in regulating the DC and AC bus voltages and frequency stably, controlling the voltage and power of each unit flexibly, and balancing the power flows in the systems automatically under different operating circumstances, regardless of disturbances from switching operating modes, fluctuations of irradiance and temperature, and change of loads.*

Keywords- *Photovoltaic (PV), comprehensive control and power management system (CAPMS), Island Mode (IM), Micro Grids (MG).*

EE4P04 SOLAR FED QUASI SWITCHED BUCK BOOST SIWAKOTI-H INVERTER

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Abstract-*This project proposes a new single-phase H-Bridge transformer less inverter with common ground for grid connected photovoltaic systems (here after it is called 'Siwakoti-H' inverter). The inverter works on the principle of flying capacitor and consist of only four power switches (two reverse blocking IGBT's (RB-IGBT) and two MOSFET's), a capacitor and a small filter at the output stage. The proposed topology shares a common ground with the grid and the PV source. A Unipolar Sinusoidal Pulse Width Modulation (SPWM) technique is used to modulate the inverter to minimize switching loss, output current ripple and filter requirements. The main advantages of the new inverter topology are the elimination of the leakage current and ability to provide reactive power to the grid. Further, the peak of output ac voltage is equal to input dc voltage (unlike NPC and ANPC type which requires two times of the peak ac-voltage magnitude). Simulations as well as experimental results from a 1*

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kW proto type are presented at the end of the paper to prove the concept and also the theoretical analysis presented.

Keywords- *photovoltaic systems (PV), 'Siwakoti-H' inverter, Sinusoidal Pulse Width Modulation (SPWM).*

EE4P05 ARTIFICIAL NEURAL NETWORK FOR CONTROL AND GRID INTEGRATION OF RESIDENTIAL SOLAR PHOTOVOLTAIC SYSTEMS

Nithya.R[1], Kowsalya.A[2], Kalaiarasi.S[3], Dafney.S[4],Muthukumar.K[5]
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[5]Assistant Professor, *Dept of EEE, Peri Institute of Technology, Chennai, India*
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Abstract-*Residential solar photovoltaic (PV) energy is becoming an increasingly important part of the world's renewable energy. A residential solar PV array is usually connected to the distribution grid through a single-phase inverter. Control of the single-phase PV system should maximize the power output from the PV array while ensuring overall system performance, safety, reliability, and controllability for interface with the electricity grid. This paper has two main objectives. The first objective is to develop an Artificial Neural Network (ANN) vector control strategy for a LCL-filter based single-phase solar inverter. The ANN controller is trained to implement optimal control, based on approximate dynamic programming. The second objective is to evaluate the performance of the ANN-based solar PV system by (a) Simulating the PV system behaviour for grid integration and maximum power extraction from solar PV array in a realistic residential PV application (b) Building an experimental solar PV system for hardware validation. The results demonstrate that a residential PV system using the ANN control outperforms the PV system using the conventional standard vector control method and proportional resonant control method in both simulation and hardware implementation. This is also true in the presence of noise, disturbance, distortion, and non-ideal conditions.*

Keywords- *Artificial Neural Network (ANN), photovoltaic (PV), LCL-filter, Grid Integration (GI), Maximum Power Extraction.*

EE4P06 SOLAR PV POWERED BLDC MOTOR DRIVE FOR WATER PUMPING USING CUK CONVERTER

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Abstract-*A solar photovoltaic (SPV) powered brushless DC (BLDC) motor drive for water pumping is presented in this paper. The current sensors of BLDC motor and the voltage sensor at the DC bus of voltage source inverter (VSI) are eliminated completely. Instead, the speed is controlled by adjusting the DC bus voltage*

of VSI. The fundamental frequency switching pulses are generated to operate the VSI in order to minimize the switching losses and to enhance the efficiency of proposed system. A DCDC Cuk converter is utilized to operate the SPV array at its maximum power. The starting current of BLDC motor is bounded by an optimal initialization and selection of the control parameters, perturbation size and frequency while tracking the peak power of SPV array. The performance of proposed BLDC motor drive is thoroughly evaluated and its potential is demonstrated under realistic operating conditions. The simulated results and an experimental validation along with a comprehensive comparison with the existing techniques demonstrate prominence of the proposed drive for SPV based water pumping.

Keywords-*solar photovoltaic (SPV), Brushless DC Motor (BLDC), voltage source inverter (VSI), DCDC Cuk converter.*

EE4P07 AUTOMATIC LOAD FREQUENCY CONTROL OF MULTI-AREA POWER SYSTEM USING SOFT COMPUTING TECHNIQUES.

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Abstract- ***Proportional integral (PI) is crucial for the operation and design of modern electric power systems. Proportional integral (PI) and proportional integral derivative (PID) controllers are used to control the various parameters of multi area power system. Due to high peak overshoot and settling time, conventional PI and PID controllers are not preferred for large power system. The main motivation of this project is to control the output frequency response with minimum peak overshoot and settling time. This project presents an ANFIS based intelligent load frequency control approach for three area power system with three control areas. The merit of the proposed controlling technique is that it is faster than the automatic conventional control techniques and is able to handle the non linearities simultaneously. Also the maximum overshoot and the settling time of ANFIS based controller are lesser when compared to the conventional controllers, thereby reducing the oscillations locally and of inter-area. This effectiveness of the proposed controller in improving the dynamic response is shown and validated in three area inter-connected system. Comparison in performances of PI, PID control technique and ANFIS control approach is carried out in MATLAB/SIMULINK software. The results validates that the ANFIS based intelligent controller is faster than the conventional controller and have improved dynamic response.***

Keywords-Proportional integral (PI), Proportional integral (PI), proportional integral derivative (PID), ANFIS controller.

EE4P08 POWER QUALITY IMPROVEMENT IN MICRO GRID USING UPFC

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Abstract-*This project investigates the enhancement in voltage stability margin as well as the improvement in the power transfer capability in a micro-grid power system with the incorporation of UPFC. Flexible AC transmission system (FACTS) devices uses power electronics components to maintain controllability and capability of electrical power system FACTS controller includes unified power flow controller (UPFC), Static synchronous compensators (STATCOMs), Thyristor controlled series compensators (TCCs), Static series synchronous compensators (SSSCs) and Static VAR compensators (SVCs), are able to modify voltage, phase angle and impedance at particular bus in a power system. The (UPFC) is the most versatile and complex power electronic equipment that has emerged for the control and optimization of power flow in electrical power transmission system. A simple transmission line system is modelled in Matlab/Simulink environment. The load flow results are first obtained for an uncompensated system, and the voltage and power (real and reactive power) profiles are studied. The results so obtained are compared with the result obtained after compensating the system using UPFC to show the voltage stability margin enhancement. All the simulating for the above work has been carried out using Matlab/Simulink software.*

Keywords- *Flexible AC Transmission System (FACTS), unified power flow controller (UPFC), Static synchronous compensators (STATCOMs), Static series synchronous compensators (SSSCs), voltage stability margin.*

EE4P09 A HYBRID RESONANT CONVERTER FOR BETTER VOLTAGE REGULATION FOR PHOTOVOLTAIC APPLICATIONS

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Abstract-*A micro-converter serves as a front-end dc–dc stage of a micro-inverter to convert the power from a photovoltaic module to a dc bus. These front-end micro-converters require isolation, high-boost ratio, wide-input voltage regulation, and high efficiency. This paper introduces an isolated resonant converter with hybrid modes of operation to achieve wide-input regulation while still maintaining high efficiency. The proposed converter is designed as a series resonant converter with nominal-input voltage and operates under two additional modes: a boost converter with low-input voltage and a buck converter with high-input voltage. Unlike conventional resonant converters, this converter operates at discontinues conduction mode with a fixed frequency, simplifying the design and control. In addition, this converter can achieve zero-voltage switching (ZVS) and/or zero-current switching (ZCS) of the primary-side MOSFETs, ZVS and/or ZCS of the secondary-side MOSFETs, and ZCS of output diodes under all operating conditions. Experimental results using a 300-W prototype achieve a peak efficiency of 98.1% and a California Energy Commission efficiency of 97.6% including all auxiliary and control power at nominal input voltage.*

Keywords-*zero-voltage switching (ZVS), zero-current switching (ZCS), photovoltaic module, micro-inverter.*

EE4P10 DESIGN AND ANALYSIS OF A HIGH VOLTAGE-GAINSTEP-UP RESONANT DC-DC CONVERTER FOR TRANSPORTATION APPLICATIONS

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Abstract-*Power take-off (PTO) system in automotive applications refers to the system that takes power from the internal combustion engine (ICE) shaft to drive vehicle accessories. PTO system is widely used in the specialty vehicles, such as utility truck, tractors, construction vehicles, etc. In these vehicles, there are many electric loads to be driven by the PTO system so that the shaft of the ICE is usually connected to a generator, as shown in Fig. 1a. Some of the key challenges of this PTO system include low efficiency, high consumption of the fossil fuel in the ICE running at idle, mechanical system maintenance and lifetime. Electrification in this PTO system is a good solution to address these challenges. With the development of energy storage system and power electronics technology, now it is possible to realize the electric power take-off (ePTO) system in such vehicles and its application can be expanded to other types of vehicles such as ambulance, long haul trucks, transit bus, etc. which have several electric accessory loads. The purpose of ePTO system is using electric power source such as battery and fuel cell to drive the vehicle electric accessories while the ICE only provides propulsion to the wheel. It can greatly reduce the fuel consumption at the work site. The ePTO system shown in Fig. 1b requires power converter that can transfer the lower voltage power from battery or fuel cell to drive the high voltage electric loads. High voltage gain step-up DC-DC converters have become an essential part of such application. Typical requirements for such converters are high voltage gain, high efficiency, low cost, high power density, etc. Special*

requirements such as low current ripple would be necessary for fuel cell application because the current ripple may greatly affect the fuel cell lifetime. There has been an increase in power capability in such type of converters over the last decade which has led to high current stress in these converters. This has consequentially led to a significant increase in the conduction loss and switching loss of the switching devices.

Keywords- *Power take-off (PTO), internal combustion engine, (ICE) electric power take-off (ePTO), step-up DC-DC converters.*

EE4P11 MPPT IN DYNAMIC CONDITION OF PARTIALLY SHADED PV SYSTEM BY USING WODE TECHNIQUE

Manoj Kumar.K[1], Kannadasan.K[2], Bharanitharan.V[3], Kalaiselvan.G[4], Keerthivasan.M[5]

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Abstract-*This paper introduces a humpback whale hunting behaviour inspired whale optimization with differential evolution(WODE) technique based tracking algorithm for the maximum power point tracking in the dynamic as well as the steady-state conditions of a partially shaded solar photovoltaic (PV) system. This 'WODE' technique is used for quick and oscillation-free tracking of the global best peak position in a few steps. The unique advantage of this algorithm for maximum power point tracking (MPPT) in partially shaded condition is as, it is free from common and generalized problems of other evolutionary techniques, like longer convergence duration, a large number of search particles, steady state oscillation, heavy computational burden etc. which creates power loss and oscillations in output .This hybrid algorithm is tested in MATLAB simulation and verified on a developed hardware of the solar PV system, which consists of multiple peaks in voltage-power curve. Moreover, the tracking ability is compared with the state of the art methods. The satisfactory steady-state and dynamic performances of the new hybrid technique under variable irradiance and temperature levels show the superiority over the state of the art control methods.*

Keywords-Whale Optimization with Differential Evolution (WODE), Maximum Power Point Tracking, photovoltaic (PV)

EE4P12 CONTROL OF GENERATION, STORAGE AND ENERGY DEMAND MANAGEMENT IN ISLANDED MICRO-GRIDS

Anish Kumar.G[1], Dinesh Kumar.M[2], Yogeetha.S[3], Mercy Patricia.M[4], Sujatha.K[5]

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Abstract- ***Microgrid is a localized group of electrical sources and sinks that normally operates connected to and synchronous with the traditional centralized electrical grid, but can also disconnect to "Island mode". A micro-grid can connect and disconnect from the main grid to enable it to operate in both 'on' grid and 'off' grid (Island mode) modes. These micro-grids are smaller energy systems that include generation, storage and demand management. The existing micro-grid can control the amount of energy generated, stored and distributed. They can also use these data for communication between the central system and the loads. This paper enumerates method of energy generation based on demand, storage of energy, managing the energy demand and communication among various components (micro-sources, control systems, smart meters, and loads) in the Islanded micro-grid. The proposed micro-grid will be able to obtain real time data of energy demand of the connected loads, based on which the amount of energy to be generated by the micro-sources is determined. This helps in eliminating surplus energy generation. The generated power is not directly connected to the loads but via storage devices. By this method, the generated power quality is maintained even when the load fluctuates. The load fluctuations are observed and those data are communicated with centralized source. The use of these micro-grids can improve the power reliability and produce secure, flexible and efficient energy systems. Also, this paper provides space for enthusiasts to develop in the areas of controlled smart grids and contribute to the development of the perfect power systems.***

Keywords- Island mode, Micro-grid, smart grids, generation and storage, demand management, power reliability.

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EE4P13 Transmission Line Fault Detection and Localization by using Programmable Logic Control (PLC)

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Abstract- ***The reliability and quantity of electrical power networks are affected by the occurrence of electrical fault. In this paper we propose a novel method to identify the occurrence of fault in distribution network, based on impedance measurement performed at the central distribution of the office .the measurement can be performed using PLC modems that belong to the energy metering infrastructure. The fault is detected by means of continuous impedance monitoring and afterwards its distance from the central office is estimated using the same measurement traces, without requiring additional information. Different type of fault is tested, and the effect of measurement bandwidth and the electrical noise on the measurement is also assessed.***

Keywords-Fault Identification, Distribution Network (DN), PLC modems, Continuous Impedance Monitoring (CIM).

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Department of Electrical and Electronics Engineering

BEST PROJECT -- DATE:20.04.2018

YEAR/BRANCH : IV EEE				PROJECT WORK : EE6811		BATCH: 2014-2018	
S.No	BATCH	REG NO	STUDENT NAME	GUIDE NAME	PROJECT TITLE	REMARKS	RANK
1	1	411514105023	MOHAN B	Mrs. S.L.SREEDEVI	AUTOMATIC LOAD FREQUENCY CONTROL OF MULTI-AREA POWER SYSTEM USING SOFT COMPUTING TECHNIQUES.	Proportional integral (PI) is crucial for the operation and design of modern electric power systems. Proportional integral (PI) and proportional integral derivative (PID) controllers are used to control the various parameters of multi area power system. Due to high peak overshoot and settling time, conventional PI and PID controllers are not preferred for large power system. The main motivation of this project is to control the output frequency response with minimum peak overshoot and settling time. This	FIRST
2		411514105024	MOHAN DASS C				
3		411514105047	YUVARAJ A				
4		411514105306	MOHAN .P				
5	2	411514105016	KAVIN KUMAR G	Mr.P.ELANGO	DESIGN AND ANALYSIS OF 400/110 KV ELECTRICAL SUBSTATION BASED ON LOAD FLOW ANALYSIS	Power is essentially required for the development of any country. To maintain the generation of electric power at adequate level the power has to be transmitted in proper form and quality to the consumer. This research paper deals with the simulation of 400/110 kV	SECOND
6		411514105027	NISHANTH G				
7		411514105040	SURYA PRAKASH K				
8	3	411514105012	JAYAVEL G	Mrs.K.SUJATHA	INTERNET OF THINGS BASED REAL TIME TRANSFORMER PERFORMANCE MONITORING SYSTEM	An emerging field in Machine to Machine communication is Internet of Things (IOT), which allows the possibility for autonomous devices to use the Internet for exchanging data. This work presents design and execution of real time monitoring and fault detection in transformers by recording key operation indicators of a distribution transformer like load current, voltage, transformer oil temperature and gas composition, which	THIRD
9		411514105020	MADHANDANI B				
10		411514105045	VISHAL VIJAYKUMAR V				
11		411514105304	LOGAPRAKASAM .C				

PROJECT COORDINATOR

HOD/EEE

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PERI INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Project work details

(2012 – 2016 batch)

Sl.no	Name of the students	Register Number	Project Tittle	Name of the Guide
1.	Abhinaya R	411512106001	Floatable Black Box on Earth – Flight Location Recording for Rescue Operations	Mrs.D.Madhivadhani .M.E AP/ECE
2.	Indumathy R	411512106029		
3.	Keerthana A	411512106042		
4.	Ammukutti .M	411512106004	Real Time Examine Subject Criteria Using Illumination Technology	Mrs.D.Madhivadhani .M.E AP/ECE
5.	Ashadevi M	411512106007		
6.	Janithajoshi.S	411512106032		
7.	Arunkumar S	411512106005	Fully Integrated Footwear for Energy Harvesting	Mr. S.S. ManikandanM.E ASP
8.	Azaruddin A	411512106010		
9.	Balaji. M	411512106011		
10.	Dhivya P	411512106019	Automatic Tuberculosis Screening Using chest Radiographs	Mrs. R.Hemamalini. M.E ASP/ECE
11.	Divya K	411512106021		
12.	Divya .S	411512106022		
13.	Elampuvikalaiarasi	411512106025		
14.	Eswaran K	411512106026	Wireless AC Power Transfer Control	Mrs.J. JamunaM.E AP/ECE
15.	Gnanesh M	411512106027		
16.	Govardhan K	411512106028		
17.	Karthick R	411512106039	Secure PIN Authentication for ATM Using Mobile and Wearable Devices	Mr. S. ArunkumarM.E AP/ECE
18.	Karthikeyan S	411512106040		
19.	Sankar Kumar K	411512106304		
20.	Alugupalli Suma	411512106003	Image Steganography Using RDH Scheme	Mrs.R.KousalyadeviM.E ASP
21.	Kalyani B	411512106038		
22.	Lavanya S	411512106044		

23.	Priyadharshini M	411512106060	Implementation of Carry Select Adder Using Subthreshold Adiabatic logic	Ms.VeniM.E AP/ECE
24.	Priyadharshini. S	411512106061		
25.	Rajapavithra J	411512106062		
26.	Ajith Praveen kumar M	411512106002	Inspection of High Voltage Transmission line using robot	Mr. N.RajkumarM.E AP/ECE
27.	Jagan P	411512106031		
28.	Karthik Surya S	411512106041		
29.	Chandhini J	411512106015	Detection of clone node and collusion attack in WSN	Ms.P. UmamaheswariM.E AP/ECE
30.	Deepika D	411512106017		
31.	Jasmine Santhiya A	411512106033		
32.	Rakesh selvam T	411512106064	Biker's Safety and Accident Prevention on Road	Mr.S.S. ManikandanM.E ASP/ECE
33.	Vajjiravel S	411512106088		
34.	Tamilvendhan M	411512106308		
35.	Mounika S	411512106049	An TROS – Based Architecture For Industrial Wireless Sensor Network Stacks with Multi-Processor Support	Mrs. R.Hemamalini. M.E ASP/ECE
36.	Sudhanthira Devi V	411512106081		
37.	Swathi K	411512106082		
38.	Palanisamy G	411512106052	Ultra low power wirelss technology based capacitive touch integration for industrial application	Mrs. Premapriya G M.E AP/ECE
39.	Premkumar M	411512106059		
40.	Thauseefahamed khan L	411512106085		
41.	Pavithra G	411512106054	Vehicle IoT (Internet of Things)	Mrs.Abisha j. benelynM.E AP/ECE
42.	Thejashri V	411512106086		
43.	Saranya R	411512106070	RF Energy harvester in Mobile Phone	Mrs. A. Bridget Sagaya Cynthia. M.E AP/ECE
44.	Sathya S	411512106072		
45.	Sharmila R	411512106075		
46.	Divya S	411512106023	Patient's Health Monitoring Using IOT	Mrs.S. PreethiM.E AP/ECE
47.	KhathijathulSahana M	411512106043		
48.	Divya M	411512106302		
49.	ChitraT.H	411512106016	Fast and Adaptive Detection of Pulmonary nodules in thoracic CT	Mrs.Abisha j. benelynM.E AP/ECE
50.	Dhanalakshmi K	411512106018		

51.	Jothy Lakshmi P	411512106037	Images	
52.	Nithya S	411512106050	Multiple Relay path using Subcarrier Analysis on LTE	Mr. R. MageshM.Tech AP/ECE
53.	Sharmila T	411512106306		
54.	Sumathi R	411512106307		
55.	Parthasarathi G	411512106053	Scene Change Detection Using Fuzzy Cluster And Neural Network Classification	Mr.K.S. PrabhakarM.Tech AP/ECE
56.	Tejas P A	411512106084		
57.	YuvarajKanna S	411512106310		
58.	Padma priya M	411512106051	Improvisation of a secure and distributed reprogramming protocol for WSN	Ms.P. UmamaheswariM.E AP/ECE
59.	Sevvanthi A	411512106074		
60.	Vinodhini S	411512106091		
61.	Sabarees R	411512106068	Feasibility of a Photovoltaic Tehermoelectric performance Analysis and Simulation	Ms.V. BanupriyaM.E AP/ECE
62.	Sheik MohideenA.P	411512106076		
63.	Saravanan S	411512106701		
64.	Monica K	411512106048	Robot Control System Based on Virtual Reality	Mrs.J.JamunaM.E AP/ECE
65.	Preethi C	411512106057		
66.	SasiRekha R	411512106071		
65.	Ramakrishnan K	411512106066	Advanced Guided Missile Controller Using Embedded System	Mr. S. ArunkumarM.E AP/ECE
66.	SudhakarC.N	411512106080		
67.	Vignesh B	411512106089		
68.	Sethupathi S	411512106073	Multi Power Generation Methods from Railway Traction System with Energy Conservation	Mr.G. ShanmugavelM.E AP/ECE
69.	Subash K	411512106079		
70.	PreetiShivaji	411512106058	Open CPU based accident Avoidance System in EB power distribution	Mrs.S. PreethiM.E AP/ECE
71.	Rajarajeswari S	411512106063		
72.	Shirisha K	411512106077		
73.	Ashok S	411512106008	Robotics in Agriculture Using Bluetooth	Mr. R.VeeraAmudhanM.E AP/ECE
74.	Balaji R	411512106012		
75.	Dilip Raj S	411512106020		

76.	Bhuvaneswari R	411512106014	Effective Background modeling and subtraction on daubechies wavelet decomposition using object detection	Mr. K.SPrabhakarM.Tech AP/ECE
77.	Jenifer Immaculate. A	411512106035		
78.	Lourdu Angelo Fernando S	411512106045		
79.	Mahesh Kumar D	411512106046	Automated Detection of Traffic violation alert and management system	Mrs. V.BanupriyaM.E AP/ECE
80.	Raviteja M	411512106303		
81.	Sarathirajan M	411512106305		
82.	Arunmozhi S	411512106006	Automated Wheelchair Using EEG and MEMS Technology	Mr.S.Sebastin Suresh M.E AP/ECE
83.	Javeeth S	411512106034		
84.	Aswin Kumar R	411512106009		

HOD/ECE

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PERI INSTITUTE OF TECHNOLOGY

Department of Electronics and Communication Engineering

Project work details

(2013 – 2017 batch)

Sl.no	Name of the students	Register Number	Project Tittle	Name of the Guide
1.	E.Ramarajan	411513106051	Implementation Of Hand In News Feeding Using Image Sensing Technique	Mr. T. JanarthanM.E AP/ECE
2.	N. Senthil	411513106062		
3.	T. Vinothkumar	411513106304		
4.	G.Gopinath	411513106013	Industrial Automation PLC Using Web Browser	Mr. S.Lakshmi Narayan M.E AP/ECE
5.	R.P. Karthikeyan	411513106027		
6.	K.Manimaran	411513106035		
7.	MedapaHarichandhana	411513106014	Digitally Controlled Ring Oscillator For The Reduction Of Jitter And Glitches Using Frequency Multiplier	Mrs.Abisha j. benelynM.E AP/ECE
8.	Nivedha . V	411513106039		
9.	Yadav sathyarajanagam	411513106078		
10.	Aswini P	411513106007	Maximum Demand Control And Overload Identification Using Wireless Communication	Mr. S. ArunkumarM.E AP/ECE
11.	Joyce Rebecca . V	411513106025		
12.	Nandhini.S	411513106038		
13.	Adoniram Judson I	411513106001	Intelligent Transport System	Mrs. A.Latha , M.E (Ph.D) AP/ECE
14.	Prasanna R	411513106043		
15.	Gowtham S	411513106302		
16.	Utthandaraman R	411513106071	Implementation Of Security Enhanced Authentication System In ATM Service Using IVRS	Mrs. P. UmamaheswariM.E AP/ECE
17.	Vigesh R	411513106074		
18.	Balasubramani P	411513106301		
19.	KarthikvikramT.K	411513106028	Health Monitoring Using Internet Of Things With Cloud Based Processing	Ms.R.PavithraM.E AP/ECE
20.	Ram Prasad V	411513106052		
21.	Rishap Raj A	411513106055		
22.	Praveen S	411513106044	Implementation Of High Speed Low Power CSKA Using Brent Kung Adder	Mrs.B.AmuthaM.E AP/ECE
23.	Thamizhselvan P	411513106069		
24.	Vinoth P	411513106077		

25.	Antony Xavier A	411513106003	A Facile Way To Access Traffic Signal on Crisis condition by deploying active-RFID	Mr.G. ShanmugavelM.E AP/ECE
26.	HemankumarS.M.D	411513106018		
27.	Kevin rajkumarD.X	411513106029		
28.	Deepak ShyamSundar S	411513106009	Theft Alert And Smart Parking Using Active RFID	Mrs.S. PreethiM.E AP/ECE
29.	Hariharan M	411513106015		
30.	Krishnan P	411513106031		
31.	Jacqulin R	411513106021	An Adjustable – Speed PFC SEPIC converter FED BLDC motor drive using Fuzzy logic	Mrs.D.Madhivadhani .M.E AP/ECE
32.	Sanjana A	411513106057		
33.	VaishaliK.L	411513106073		
34.	Anu .B	411513106004	Maximum throughput of cognitive radio networks through secondary user power consumption in 5G heterogeneous Networks	Dr.P.R.Jasmine Jeni, ,Ph.D Professor HOD
35.	Hemavathi P	411513106019		
36.	Srinivasalu.Amulya	411513106303		
37.	Evangelin Ebenezer A	411513106011	To Detect and destroy the misuse of images in the social networks using HFSI Algorithm	Mr. R. MageshM.Tech AP/ECE
38.	Indhumathi S	411513106020		
39.	Jayalakshmi V	411513106023		
40.	Harinee N	411513106016	A Smart LI-FI Security for bank Theft control	Mr. S. ArunkumarM.E AP/ECE
41.	Harinilakshmi P	411513106017		
42.	PavithraP.R	411513106041		
43.	Shine Angel R	411513106065		
44.	Priya S	411513106046	Cognitive industrial load control using virtual reality technique	Mr. K. KannadasanM.E AP/ECE
45.	Sandhiya p	411513106056		
46.	Vairamani. S	411513106072		
47.	Shakila G	411513106063	Localizing Border Crossing Using RSSI Alert System	Mr. T. JanarthanM.E AP/ECE
48.	Sindhuja B	411513106066		
49.	Usha Nandhini M	411513106070		
50.	Priyanka D	411513106047	A Mixed Style Multiplier For Low Power Dissipation in VLSI	Mr. S.Lakshmi Narayan M.E AP/ECE
51.	Savitha Sri B.S	411513106059		
52.	SherineEmimaS.S	411513106064		

53.	PradeepaS.G	411513106042	Human Authentication by dental biometric Analysis using fast marching algorithm	Mrs.S.BharathiM.E AP/ECE
54.	RenuPriya B	411513106054		
55.	Tamil Selvi P	411513106068		
56.	Priyavardhini S	411513106048	Prevention of Blackhole attach using Reactive Propagation and mitigation AOMDV	Mr.SasikumarM.E AP/ECE
57.	Ranjitha V	411513106053		
58.	Sugha . S	411513106067		
59.	Gopala Krishnan K	411513106012	Automatic Animal Detection and Warning system	Mr. S. ArunkumarM.E AP/ECE
60.	Jeevan Raj M	411513106024		
61.	Koushik D	411513106030		
62.	Baranidaran K	411513106008	Colour analysis and depth estimation of hazy images for fast visibility restoration using laplacian based techniques	Mr. K. KannadasanM.E AP/ECE
63.	Moneeshkumar L	411513106037		
64.	Nowshath H	411513106040		

HOD/ECE
2/1/19

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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
ACADEMIC YEAR(2017-2018)

S.No	Batch	Reg No	Student Name	Project Title	Guide Name
1	A01	411514106002	Abirami K	Weld Pool Visual Tracking in Automatic ARC Welding Using Graph Cut Segmentation	Mrs. D. Madhivadhani
2		411514106012	Divya J		
3		411514106039	Logeswari V		
4	A02	411514106050	Nivedha I C	Efficient Alamouti STBC Algorithm for MIMO – Multi Carrier Modulation Technique	Mr. R. Sivakumar
5		411514106095	Vidhya Lakshmi V		
6		411514106067	Nandhinee R		
7	A03	411514106026	Jeevitha M	Precoder design for MIMO relay communication using DF Protocol	Mr. R. Sivakumar
8		411514106014	Divyaprabha C		
9		411514106072	Soniya Y		
10	A05	411514106009	Bharathi S	Underwater Image Enhancement using EMD with CLAHE	Mr. M. Somasekar
11		411514106013	Divyalakshmi K		
12		411514106085	Swathyrathna A		
13		411514106018	Govathy S		
14	A06	411514106091	Uma Maheshwari T	Machine Lieutant for visually impaired people	Dr. P.R. Jasmine Jeni
15		411514106077	Struthi Narayani V		
16	A07	411514106059	Rathi Priya R	IOT Smart Mirror with News and Temprature	Ms. R. Pavithra
17		411514106096	Vijayalakshmi T		
18		411514106099	Yuvarani N		
19	A08	411514106071	Sivaranjani L	Cross Channel Hearing AID Using Bone Conduction	Ms. R. Pavithra
20		411514106051	Nivetha M		
21		411514106094	Vidhyakaran P		
22		411514106056	Praveen Kumar M		
23	A09	411514106053	Pavithra S	Motion controller using FPGA for Rotating Platform	Mr. Arun Kumar
24		411514106084	Swathika R		
25		411514106088	Thanuja S		
26	A10	411514106022	Harish R	Power optimization of MIG Weldinng power source using DSP Algorithm	Mr. P. Shakthi Shanmuga Sundaram
27		411514106043	Mohamed Azharudeen		
28		411514106046	Mustafa F Motani		
29	A11	411514106057	Rakhesh Dhevaraj P S	Wireless Suction Legged ROBOT with Error handling ARM	Mr. S. Lakshmi Narayanan
30		411514106074	Srinath S		

31		411514106060	Richie Bernard J		
32	A12	411514106052	Parthiban M	ATM Machine with Biometric Security	Mrs.Abisha J Benelyn.
33		411514106055	Praveen Kumar M		
34		411514106076	Sriram T		
35	A13	411514106083	Suryaa S P	Implementation of image feeding and face recognition using Open CV in Robotics	Mr. T. Janarthan
36		411514106093	Venkatesh Prasad P		
37		411514106061	Rishi Gopikrishnan		
38	A14	411514106024	Immanuvel David Raj S	CT and PET medical image fusion using wavelet transform restored by iterative wiener filter	Mr. S. Lakshmi Narayanan
39		411514106064	Sankaranarayan K		
40	A15	411514106010	Bhuvanesh Kumar S	Autonomous Intelligent Bot-Mower	Mr. S. Arun Kumar
41		411514106086	Tamil Selvan K		
42	A16	411514106037	Lakshmi Gantham K E	Real Time operating system for prevention of human hazards by TOXIC gases	Mr. P. Shakthi Shanmuga Sundaram
43		411514106048	Nazeema M I		
44		411514106701	Soumya Anand		
45	A17	411514106080	Suguna R	Cash withdrawal and transaction block without MAC	Mr. K. Kannadhasan
46		411514106081	Sumithra A		
47		411514106097	Vishnu Priya K		
48	A18	411514106001	Abinaya A	IOT Based Farm Hand Robot	Mr. S.Sebastin Suresh
49		411514106007	Atchaya Priya P		
50		411514106038	Lakshmi Priya V G		
51	A19	411514106011	Deepa P	Feature Extraction of Under Water Image using Texture and color clustering analysis.	Mr. M. Soma Sekar
52		411514106033	Keerthana M		
53		411514106034	Keerthi R K		
54		411514106702	Sri Shamundeshwari R		
55	A20	411514106025	Jasmine Jimla Mary A	Hybrid multilevel PAPR Reduction on MIMO based system.	Mr.G.Shanmugavel.
56		411514106027	Jerinpunarviya P		
57		411514106042	Mohisha D		
58	A21	411514106058	Ramya S	Smart Helmet Using GPS and GSM For Accident Detection	Mrs.Abisha J Benelyn.
59		411514106069	Shakila W		
60		411514106073	Sowndharya E		
61	A22	411514106041	Meferran Abishek D	Accelerometer Based Wireless Hand Gesture Controlling Robot	Mr. R. Magesh
62		411514106030	Karthekeyan M		
63		411514106065	Saravanan S		

64	A23	411514106020	Hariharasudhan U	An IOT Application for stock management and goods analysis.	Mr.T.Janarthan.
65		411514106031	Karthick I		
66		411514106032	Karthick M		
67	A24	411514106063	Saffani C Xavier	Fire Fighting Robot using ESP 8266	Mr. R. Magesh
68		411514106070	Sivanarayanan M		
69		411514106067	Satheesh Kumar		
70		411514106062	Rooban Raj S		
71	A25	411514106045	Mohanprabu S	Secure Identity based digital signature scheme for wireless sensor networks	Mrs.P.UmaMaheshwari
72		411514106079	Sudhan Kumar R		
73		411514106075	Srinivasaraghavan M		
74	A26	411514106004	Arjun S	Landmine detection robot	Mr.Sebastian Suresh
75		411514106049	Nikhil Raj Chauhan		
76		411514106021	Harikumar K		
77		411514106089	Thilip Kumar S		
78	A27	411514106017	Gokula Krishnan S	Safety and Security using GSM Module	Mrs. D. Madhivadhani
79		411514106082	Sunil Dev M		
80		411514106003	Ajith A		
81	A28	411514106008	Barath Prasanna A	Power Exalting Versatile BOT	Mrs. D. Madhivadhani
82		411514106023	Hindumathi V		
83		411514106035	Krishnakumar R		
84	A29	411514106302	Kesavan	Development of Intelligent Energy Efficient and control of Traffic Safety Management System	Mr. S. Lakshmi Narayanan
85		411514106090	Udayakumar		
86	A30	411514106303	Manoara Khatun	Smart Card using RFID	Mrs.Preethi
87		411514106005	Aruna T		
88		411514106029	Juttiga Aravinda Balu		
89	A31	411514106019	Gowtham M	Secure Routing against active attack in wireless sensor networks	Mrs.P.UmaMaheshwari
90		411514106006	Arunkumaar S S		
91		411514106036	Kumaran S		
92	A04	411514106040	Malli Abinash	Underwater Marine Object Detection and Classifier based on Deep Neural Networks	Mr. K. Kannadhasan
93		411514106092	Venkatesh M		
94		411514106047	Mohammed Manasir		

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3/1/18

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PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING
BATCH DETAILS ACADEMIC YEAR(2018-2019)

SI.NO	REG NO	BATCH	NAME OF THE STUDENT	PROJECT TITLE	GUIDE NAME
1	411515106047	BATCH 1	G.Naganandhini	LPG leakage detection based on wireless sensor networks.	Abisha J.Benelyn
2	411515106074		R Sindhujothi		
3	411515106072		C Sharmila		
4	411515106004	BATCH 2	A Abirami	Real time monitoring Soil parameters using WSN.	Abisha J.Benelyn
5	411515106030		D Kamini		
6	411515106010		M Banupriya		
7	411515106035	BATCH 3	R Keerthiga	Dynamic cooperative spectrum sensing for cognitive radio using extreme learning machine.	Arunkumar.S
8	411515106024		D Hemamalini		
9	411515106027		R Jeyashree		
10	411515106301	BATCH 4	P Mohana Krishnan	Augmented reality based surgical robotic ARM	Arunkumar.S
11	411515106069		S Ranjith		
12	411515106086		K Vijay		
13	411515106068	BATCH 5	V.Ramya	Multi-speciality robot for military purpose based on IOT	Preethi.S
14	411515106029		J.Kalaiyarasi		
15	411515106079		M.Sri Devi		
16	411515106054	BATCH 6	M Parthiban Ganga	Smart mirror with voice assistant	Preethi.S
17	411515106049		Naufal Mohammad Habib		
18	411515106302		S Vasanth		
19	411515106067		M. Raj Kumar		
20	411515106016	BATCH 7	K.Deepthi	Smart home alert system using IOT.	Sebastin Suresh.S
21	411515106014		T Charumathi		
22	411515106033		S.Katherin		
23	411515106088	BATCH 8	M.Vinodha	Self-assistive system for disabled person.	Sebastin Suresh.S
24	411515106078		S.Sowmiya		
25	411515106065		P.Priyanka		

26	411515106090	BATCH 9	R.Yogesh	Subcarrier analysis on LTE using multiple relay path	Shanmugavel.G
27	411515106050		R.Naveen Kumar		
28	411515106070		R Sashi Kumar		
29	411515106011	BATCH 10	M Bawya	IoT based Automatic irrigation system.	Madhuvadhani.D
30	411515106012		D Bhavani		
31	411515106025		D Indra		
32	411515106007	BATCH 11	A AneesFathima	Communication gadget for deafand dumb people using ARDUINO	Madhuvadhani.D
33	411515106036		P Keerthika		
34	411515106026		S Jeya Shree		
35	411515106006	BATCH 12	AksharaKairali	Study and simulation of 7.5m antenna servo control mechanism	Dr.P.R.JasmineJeni
36	411515106061		P Pravalika		
37	411515106087		R.D.VijayaLakshmi		
38	411515106038	BATCH 13	S.Kishore	Recognition and assessment of diabetic foot injury and analysis through Convolutional neural network.	Sakthi Shanmuga Sundaram.P
39	411515106003		R.CAbineshAyjith		
40	411515106043		B. Manikandan		
41	411515106008		N.ArulJothi		
42	411515106034	BATCH 14	E.Kaviya	Illumivein portable vein spotter.	Sakthi Shanmuga Sundaram.P
43	411515106041		A.Lavanya		
44	411515106015		S.Deepika		
45	411515106045		A.M.Mutharasi		
46	411515106089	BATCH 15	M.Vishwanaveena	Automatic locking system for pollution causing vehicles.	Magesh.R
47	411515106057		E.Pradeepa		
48	411515106052		L Nivedha		
49	411515106022	BATCH 16	K Gokula Raja	Smart security system for motor cycle.	Magesh.R
50	411515106002		D Abinesh		
51	411515106017		R DeerajManjaray		
52	411515106044	BATCH 17	S Manikandan	Detection and localization of IDS based spoofing attackers in wireless sensor network	Uma maheshwari.P
53	411515106021		C Gokula Krishnan		
54	411515106042		S Madhan Kumar		
55	411515106056	BATCH 18	B PonselvaPriya	FOG removal and accident prevention using voice play back technique.	Kannadasan.K
56	411515106064		G Priyanka		
57	411515106046		S Mythili		

58	411515106081	BATCH 19	R Stephen	Real time pedestrian and vehicle detection for autonomous driving by computer vision	Somasekar.M
59	411515106076		G Siva Kumar		
60	411515106084		G Vignesh		
61	411515106058	BATCH 20	P Pradeepa	Retractable platform bridge.	Elumalai.J
62	411515106053		J Nivedha Jenifer		
63	411515106051		R Nikitha		
64	411515106080	BATCH 21	K Srinithi	Performance evolution of WBSN using layout leach algorithm.	Sivakumar.R
65	411515106055		G Periyanayaki		
66	411515106063		T Priyadharshini		
67	411515106020	BATCH 22	K.Ganesh Kumar	An IOT based smart fuel level and cost monitoring system.	Sivakumar.R
68	411515106032		R Karthikeyan		
69	411515106005		Ajay Sobi S		
70	411515106001	BATCH 23	Abdul Hai H	Danger access remote Trojan.	Preethi.S
71	411515106075		Sirajuddin G		
72	411515106059		Prakash M (07.08.1997)		
73	411515106062	BATCH 24	Pravin Jyoti B	detection in CCTV with notification alert.	Uma maheshwari.P
74	411515106066		Ragul S		
75	411515106071		Sethupathy S		
76	411515106040		Kumaran P		
77	411515106013	BATCH 25	BheemaNasrin	Wildlife detection and prediction using image processing	Shanmugavel.G
78	411515106039		Krishna .S		
79	411515106009	BATCH 26	Ashiq Mohammed M	Health care monitoring using LiFi module	Elumalai.J
80	411515106019		Dinesh A		
81	411515106031		Karthikeyan D		
82	411515106037		Kishore B		

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2/1/19.

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