

**PERI INSTITUTE OF TECHNOLOGY
MANNIVAKKAM, CHENNAI**

COMMUNICATION TRAINING COURSE MODULE

UNIT 1 COMMUNICATION

- What is communication?
- Process of communication
- Barriers to communication
- Listening skills
- First impression counts
- Rapport
- Task based activity

UNIT II PERSONALITY DEVELOPMENT

- Basics of personality, traits and types
- Different barriers in the process of PD
- SWOT – Explanation and Analysis
- Attitude determines Altitude
- Managerial skills

UNIT III PRESENTATION SKILLS

- What is it?
- The 4P's of presentation
- Choosing the right delivery methods
- Overcoming Conflicts
- Assessment

UNIT IV RESUME BUILDING

- Introduction to Resume
- Types of resumes
- Do's and Don'ts of resumes
- Effective resume writing
- Preparing to write your resume

UNIT V GROUP DISCUSSION

- Definition
- Purpose and Aim of GD
- Process
- Evaluation Rubrics
- Pre -requisite of GD
- Mock GD

UNIT VI INTERVIEW SKILLS

- What is Interview? Why?
- Before the interview

- Purpose of the interview
- Types of interviews
- Effective interview techniques
- Sample interview questions
- Mock test

UNIT VII CONVERSATIONAL ENGLISH

- Vocabulary & grammar
- Day to day English
- Techniques
- Activity




 Name and Signature with seal of
 J. J. PALSON KENNEDY, M.E., Ph.D.,
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PERI INSTITUTE OF TECHNOLOGY
PLACEMENT OF TRAINING AND COMMUNICATION DEPARTMENT
III ECE A- EVALUATION REPORT

S.NO .	REG NO	Name	LEVEL	REMARKS
1	411518106001	Abinaya Sankari S	1	Good Content, Spontaniety
2	411518106002	Ajay Kumar D	AB	
3	411518106004	Angelo Jude Dumenil	1	Good content, has flow of language
4	411518106007	Ashwini M	2	Has content but lacks to put those in words
5	411518106008	Aslam Badusha I	1	good communication and good content
6	411518106009	Barathwaj K R	1	Good pronunciation, has content and spontaniety
7	411518106011	Bevina M	3	unable to express her ideas and needs much improvement in sentence formation
8	411518106012	Buddannagari Madhu	2	Tried well but struggles to put in words
9	411518106014	Dinesh S.	AB	
10	411518106015	Evanglin S	1	Good comminication and talkative
11	411518106017	Genji Mukhesh Reddy	1	Good comminication and can handle situations
12	411518106018	Gokul Krishnan M	AB	
13	411518106019	Habibunnisha M	1	Good pronunciation and content
14	411518106020	Intharan R	3	Tried well but needs improvdement
15	411518106021	Ishrath Jabeen S	1	Good communication, capable of handling situations
16	411518106023	Jayakamala Narayanan N.	2	tried well but not confident in delivering
17	411518106024	Jeeva B M	3	tried hard to talk but unable to make it
18	411518106026	Kalaivani Chakkarapani C	1	Good in communication and spontaniety
19	411518106028	Kavitha R	1	Good content, good vocabulary
20	411518106030	Kirubakaran S	1	good in handling situations, good commuication
21	411518106031	Kokilavani P	3	tried hard but unable to put through in sentences
22	411518106036	Mallavarapu Shreya	1	good flow of language
23	411518106037	Manoj Kumar N	3	struggled hard to frame a sentence
24	411518106038	Midhuna Varshini J.	1	good voice, good content good communication and good vocabulary
25	411518106039	Mohan Kumar P	AB	

26	411518106046	Nidhi Selvan Jc	2	Needs improvement in framing sentences
27	411518106048	Prasanth R	1	Good content, clarity of words and spontaniety
28	411518106049	Praveena R	2	Thinking a lot before talking and pausing a lot between sentences
29	411518106050	Prawin Chandar B	2	Tried hard and can be improved
30	411518106054	Ramesh Aravind T	2	less content and couldn't frame a sentence
31	411518106055	Rayapatti Sowmiya Suhana Priya	1	good communication
32	411518106056	Rinoza K	1	good communicaiton, good content and pronounciation
33	411518106059	Sanjai Sairam S K	1	can handle situations and good communication
34	411518106064	Sundar R	2	Can do much better if trained
35	411518106065	Surya D	1	good in expressing the content
36	411518106067	Suvasna M	1	Good voabulary, flow of language
37	411518106069	Vaka Harshitha	2	could be moved to level 1 if trained
38	411518106072	Yaser Abdul Raheem S	2	has content but unable to put in sentences but managed well

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III ECE B- EVALUATION REPORT

S.NO .	REG NO	Name	LEVE L	REMARKS
1	411518106005	ANUGU PAVAN	1	Good Content, Spontaniety
2	411518106006	ARIVUKARASU T	4	needs a lot of practice and training
3	411518106010	BESTHA BHAVANA RAVIKUMAR	1	Good comtent, good communication
4	411518106016	GANESH A	2	Has content but lacks in expressing
5	411518106022	JANANI PRIYA D	1	good communication and good content
6	411518106025	JOTHIKA V	3	Tried hard but can be improved a level up through training
7	411518106029	KIRAN RAJ A	1	good at handling situations and can express with good communication
8	411518106033	LAGADAPATI BADRINATH	1	good communication and has content
9	411518106035	MAHESH KUMAR V	1	spontaniety and expresses his views

10	411518106042	MUKUNTHAN S	3	tried hard but unable to put through words
11	411518106045	NEELAM PRANAY SAI	2	can be improved
12	411518106052	RAGAPRIYA M	3	needs a lot of practice and training to level up
13	411518106058	SAMEERA BANU B	2	good in content but can do better
14	411518106063	SUJAI MATHEW B	2	Tried well but needs improvment
15	411518106303	ZAINUL KHAN.A	1	Good communication, capable of handling situations




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III EEE - EVALUATION REPORT

S.NO.	REG NO	Name	LEVEL	REMARKS
1	411518105002	AHALYA M	1	Good Flow of language with good accent
2	411518105003	ASKAR ALI T	2	Need to improve in framing sentences
3	411518105004	BHARATHI M	2	Have to develop confidence and spontaneity
4	411518105005	DASARADHAN S	2	Need to improve in accent and vocabulary
5	411518105006	DHARANI MARAN A	1	Good pronunciation and responded well to the questions
6	411518105007	JEEVA J	1	Good attempt with fabulous sentence formation
7	411518105008	JEEVAGAN S	2	Need to improve in framing sentences and vocabulary
8	411518105009	JEEVITHA V	2	Broken sentences.Need to develop the spontaneity
9	411518105010	MAGESH B K	1	Responded well to questions and good in framing sentences
10	411518105011	MOHANASRI L	2	Have to develop confidence and to frame sentences as well
11	411518105012	MUKESH E	4	Poor in framing sentences.Very much reluctant to answer in English.
12	411518105013	RAJKUMAR M	3	Tried to give his best.Lack in framing sentences.
13	411518105014	RITU WALIYA	1	Good spontaneity with good accent
14	411518105015	SANJAY V	1	Good content with vocabulary and accent
15	411518105016	SATHISH BALAJI S	2	Tried well but need to improve in framing sentences
16	411518105017	SUBASHINI D	3	Have to develop the confidence and have to improve in framing sentences
17	411518105019	THANIGAIMALAI J S	4	Reluctantly denied to try to answer in english.
18	411518105020	VIGNESH S	2	Need to improve in accent and framing sentences
19	411518105301	JAYAKANTHAN	4	Poor in framing sentences.Very much reluctant to answer in English.
20	411518105302	ROJAN STEAVEWAK	2	Tried well but need to improve in framing sentences
21	411518105303	SANKAR NARAYANAN	AB	

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III MECH - EVALUATION REPORT

S.N O.	REG NO	Name	LEVEL	REMARKS
1	411518114001	Ajay N	1	Good communication and has a good flow of language
2	411518114002	AJITH KUMAR.S	1	good content and good communication
3	411518114003	Allwin Raj Sudhan	2	has content but needs improvement in framing sentences
4	411518114004	Amarnath S	AB	
5	411518114005	Aravinth R	2	Tried hard to frame sentences, but managed good
6	411518114006	Arun SG	1	good pronounciatin and good flow
7	411518114007	AVINASH R	1	has a good flow of language and good content
8	411518114008	Balaji k	2	has content but unable to put in sentences
9	411518114009	P.Bhuvan Raj	2	Tried well but needs improvement in framing sentences
10	411518114010	G.chandrasekar	1	Good communication, good content and can handle any situations
11	411518114011	Chandru A	2	Lacks confidence and spontaneity but tried hard
12	411518114012	D.Devendara kumaran	1	Good flow of language, choice of words and spontaneity
13	411518114013	E.P.Dillibabu	3	Tried his level best but needs much improvement in framing sentences
14	411518114014	Divya.s	2	has content but struggles a lot to express
15	411518114015	R. Ganguly	AB	
16	411518114016	Gokul s	AB	
17	411518114017	T.Gowtham	AB	
18	411518114018	Harish R	1	good communication and content, has fluency
19	411518114019	S.Hari sudhan	4	needs to practice a lot from the scratch
20	411518114020	Hemanth kumar. R	2	good confidence but lacks fluency and content
21	411518114021	Jainulabdeen	1	Excellent vocabulary and accent,
22	411518114022	Jawahar S	3	Lacks confidence and needs improvement
23	411518114024	Kaarthi R.A	1	good vocabulary, flow of language is worthy
24	411518114025	K.vinod kumar	2	has content but unable to express through sentences
25	411518114026	Karthick K	AB	
26	411518114027	Karthikeyan M	2	Lacks confidence and needs improvement

27	411518114028	KUMARESAN P	2	has content but finds difficult to convey
28	411518114029	Lakshmana Prabu K	AB	
29	411518114030	A Maadeshwaran	2	Tried well but lacks confidence. needs improvement
30	411518114031	manigandan A	3	need to concentrate more on framing sentences
31	411518114032	Manikandan p	AB	
32	411518114033	Mathibhavan.D	2	tried well but not confident in delivering
33	411518114034	Mithun. A	1	Good comunication, has good content
34	411518114035	Muthuprakash. V	3	Needs lot of practicec in framing sentences
35	411518114037	Naveen.R	2	got good ideas but unable to express in words
36	411518114039	Ponnapalli Sai sumanth	1	very well handled and good attempt
37	411518114040	Praveen Kumar.b	1	good communication and spoke with good confidence
38	411518114041	B.RAGURAJ	AB	
39	411518114042	Rahul v	AB	
40	411518114043	Rajasrinivasan k	2	has content but felt hard to express
41	411518114044	M.Rajeshkumar	2	tried well but lacks confident in expressing
42	411518114045	Ramachandran M	AB	
43	411518114046	S. Revanth kumar	1	good communication and managed well
44	411518114047	ROHIT RAGAV S.S.	1	spontaneous and good in framing sentences
45	411518114048	SAI SHYAM S	1	good communicatio and flow of language
46	411518114051	S.SOUNDER	1	very well handled and good fluency
47	411518114052	SUDARMANI. v	AB	
48	411518114053	SUGAN R	3	needs prompts to express his ideas, has to improve a lot
49	411518114054	Surendran PS	1	good content, has fluency and can handle situations
50	411518114055	Surya L	AB	
51	411518114056	Surya.M	1	Good commumnication and nicely attempted
52	411518114057	J.VEERAMANI	2	First hesitated and after prompts attempted fair
53	411518114058	K.vignesh	AB	
54	411518114059	Vigneshwaran. V	4	needs a lot of practice and training from scratch
55	411518114301	DINESH.S	2	Tried hard and can be improved
56	411518114302	RAVIKUMAR.S	1	Good content, clarity of words and spontaniety
57	411518114303	Sunil	AB	
58	411518114501	Vishnu	AB	

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III CIVIL - EVALUATION REPORT

S.NO.	REG NO	Name	LEVEL	REMARKS
1	411518103008	Sree Balaji D	1	Good communication, has content and good at expressing it
2	411518103010	Surendra Kumar K	2	has content, but needs improvement in framing sentences
3	411518103004	Praveen D	1	good content and can handle situations
4	411518103001	Ananda Ganapathy KB	2	good vocabulary but unable to put in sentences.
5	411518103302	Nandeeshwaran	4	Needs basic training to frame sentences
6	411518103301	Guru prasath	1	good communication, good spontaneity
7	411518103005	Praveenkumar P	4	Unable to express and needs basic training
8	411518103006	Raghul R	AB	
9	411518103002	Kiran Kumar J S	3	Broken sentences, unable to express
10	411518103003	Prashanth J	2	has problem in framing sentences but tried hard to make it up.
11	411518103012	Yogeshwaran P T	1	Good language, has flow of language, has spontaneity.
12	411518103007	Sarath Kumar M	3	Tried his level best but needs much improvement in framing sentences
13	411518103009	Srikanth M	2	Tried hard to communicate less spontaneity.

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 Department of Computer Science and Engineering

S.NO	REG NO	Name	LEVEL	REMARKS
1	411518104001	AAKASH.B	1	Good attempt with language flow.
2	411518104002	ABINAYA.S	AB	

3	411518104003	ABISHAKE GJ	2	Need improvement in framing sentences.
4	411518104004	ADHARSH N	AB	
5	411518104005	AISHWARYA B	1	Good flow of language with content and vocabulary.
6	411518104006	AJITH	AB	
7	411518104007	AKHIL KUMAR M B	1	Language is good with good accent
8	411518104008	AKILA S	1	Tried well,spontaneity is good.
9	411518104009	AL SHAJI.I	1	Good flow of language with content.
10	411518104010	ANAND.C	2	Need improvement in framing sentences
11	411518104011	ANANTHI.N	2	Good attempt.But need improvement in framing sentences.
12	411518104012	ANIRUDDH.R.K.	1	Good accent with spontaneity.
13	411518104013	ANITHA.S	AB	
14	411518104014	ASHWIN BALAJI.S	1	Good in making content with spontaneity
15	411518104015	AIVINASH.M	1	Good accent with spontaneity.
16	411518104016	BALARISHI S	1	Very good flow of language with spontaneity.
17	411518104017	BHUVANESHWARI.V	1	Good attempt with spontaneity.
18	411518104018	Charan M	1	Tried well ,need to imrove in framing sentences.
19	411518104019	SUDHAKAR REDDY CHATHURYA	1	Good spontaneity with good accent.
20	411518104020	CHITTIPIREDDY AKASH.C	1	Very gooad at framing sentences .
21	411518104021	DALISH PRINCA WILLIAM	1	Good flow of language with great accent.
22	411518104022	Delhi Babu. R	2	Need impovement in language and have to develop confidence
23	411518104023	DESIREDDYGARI CHANIKYA	1	Good spontaneity,need to decrease the mother tongue slang domination
24	411518104024	DHANUSH.B	2	Have to develop confidence but tried well
25	411518104025	GANESH G	1	Good Spontaneity with good accent
26	411518104026	GOKUL.S	AB	
27	411518104027	GOKULA KRISHNAN.R	3	Struggled to frame sentences.Need to improve more.
28	411518104028	HEMAKUMAR.G	AB	
29	411518104029	GUHAN.P	1	Good attempt,vocabulary is good
30	411518104030	GURUNATH M	1	Good spontaneity,gave his best in responding to the posted questions.
31	411518104031	HEMALATHA.V	2	Need improvement in framing sentences, alo have to develop confidence

32	411518104032	HEMAPRIYA THARSHAN.J	2	Tried well to respond but need to improve in framing sentences
33	411518104033	JAGRITI CHATTERJEE	1	Good spontaneity with good accent.
34	411518104034	JAYANTH.S	3	Lack of confidence and need practise to improve her spontaneity
35	411518104035	JAYARAM.G.S	1	Good attempt,need to develop the accent.
36	411518104036	JOTHI KRISHNAN.K	1	Good spontaneity with good content and vocabulary.
37	411518104037	KARTHIK.N	3	Need improvement in framing sentence ,tried hard to make out the content
38	411518104038	KASTHURI. A	2	Tried well but need improvement in making sentences
39	411518104039	KEERTHANA. S	2	Have to improve the spontaneity and accent.
40	411518104040	KOTA VENKATA MADHAVA REDDY	4	Struggled to frame sentences and gave only yes or no answer.
41	411518104041	LOGESH N	4	Struggled to frame sentences and gave only yes or no answer.
42	411518104042	JASWANTH REDDY.M	AB	
43	411518104043	MAFISHYA JASPER.J	1	Very good flow of language with spontaneity.
44	411518104044	MALATHI.A	2	Have to improve the spontaneity and vocabulary
45	411518104045	MOHAMED KAMALUDEEN.M	2	Need to improve in framing sentences
46	411518104046	MOHAMMED ALAMEED.A	2	Have to improve the spontaneity and vocabulary
47	411518104047	MOHAMMED IBRAHIM M	AB	
48	411518104048	MOHANASELVI S	AB	
49	411518104049	MOKINDER S	2	Have to develop the confidence and spontaneity.
50	411518104050	MONISHWER ROSHAN B N	1	Good in responding questions with good accent
51	411518104051	MUGESH P	1	Good in responding questions with good spontaneity
52	411518104052	NANTHINI K	2	Need to improve in making sentences
53	411518104053	NAVANEETHA KRISHNAN M	1	Good accent with vocabulary.
54	411518104054	NAVEEN.B	1	Good flow of language with good accent
55	411518104055	NIJANTHAN.D	1	Good spontaneity with good content.
56	411518104056	NITHISH KUMAR K	2	Tried well but need to develop in framing sentences.
57	411518104057	Nithya Prakash A	1	Good in responding to the questions and good in content as well
58	411518104058	NITHYA SHREE S	1	Good spontaneity with good accent and content.
59	411518104059	NIVETHA. M	1	Good spontaneity with good accent and content.
60	411518104060	NIZAMUDDIN S	AB	
61	411518104061	PALAVAKAM CHARAN	2	Need betterment in both content and accent.

62	411518104062	PARTHIPAN.M	1	Good attempt.Quite confident in attempting the questions.
63	411518104063	PICHANDIGARI MUNICHANDRA	AB	
64	411518104064	POOJASHREE.D	1	Good in both content and accent.
65	411518104065	POOJA SHREE V	1	Good spontaneity and good in framing sentences
66	411518104066	PRASANTH KC	1	Good flow of language with good level of content
67	411518104067	PUTHALAPATTU SEVITH	2	Need to improve the spontaneity and vocabulary
68	411518104068	RAGHUL.B	AB	
69	411518104069	RAGHUL.R	1	Good spontaneity and good in accent.
70	411518104070	RAHUL S	1	Good spontaneity and good in framing sentences.
71	411518104071	RAKESHKUMAR T	1	Responded well to the questions .Good accent.
72	411518104072	Ravindhar B	AB	Had network issues
73	411518104073	REKHA.T.V	AB	Had network issues
74	411518104074	ROHINI S	2	Need to develop the confidence and accent.
75	411518104075	ROOPESH. S	1	Good attempt.Responded well with good content.
76	411518104076	RUBAVATHI B	2	Need to develop the confidence and flow of language
77	411518104077	SABARISH.C	1	Good attempt.But need improvement in framing sentences.
78	411518104078	SAKTHIVEL N	2	Stuglled to frame sentences,but tried well to come out with his views.
79	411518104079	SANTHOSH M	2	Tried well and need betterment in framing sentences
80	411518104080	SANTHOSH KUMAR D	2	Tried well and need betterment in framing sentences
81	411518104081	SARAVANAKUMAR N	AB	
82	411518104082	SATHISH KUMAR P	3	Struggled to frame sentences.Have to develop the confidence.
83	411518104083	SATHIYASEELAN.P	1	Good accent with moderate vocabulary
84	411518104084	SHALINI.L	1	Good accent with good flow of language
85	411518104085	SHARRAN E	2	Need to improve the vocabulary and in framing sentences
86	411518104086	SHASIDHARAN V	AB	
87	411518104087	SHWETHA P T	1	Good spontaneity and good in framing sentences.
88	411518104088	SIBI	AB	
89	411518104089	SONIA. P. V	1	Good in framing sentences.Good attempt.
90	411518104090	SOPHIA DAVID	1	Good accent with spontaneity.Good attempt.
91	411518104091	SOWMIYA. J	2	Tried well but need improvemnet in framing sentences,spontaneity is low.

92	411518104092	SUBIN RAJ C	3	Have to develop in framing sentences.But tried better.
93	411518104093	SUGAN M D	1	very good content and good spontaneity and accent.
94	411518104094	SUGANYA R	3	Need improvement in framing sentences.Confidence level is vey low.
95	411518104095	SWETHA.G	1	Good spontaneity with fabulous accent
96	411518104096	TARUN S	2	Tried well but need improvemnet in framing sentences,spontaneity is low.
97	411518104097	THABEETHAL AGNES. A	2	Tried well but need improvemnet in framing sentences,have to develop the confidence
98	411518104098	THENMOZHI. V	2	has content but unable to frame complete sentences
99	411518104099	VALLURU DEEKSHITHA	1	good spontaneity, flow if language
100	411518104100	THIRUVENGADAM.S	AB	
101	411518104101	VIGNESH.R	1	Good spontaneity and good attempt.
102	411518104102	VIGNESH S	2	Tried well but need improvemnet in framing sentences,spontaneity is low.
103	411518104103	VIKSHARA K	1	Good spontaneity,need a level bit in vocabulary.
104	411518104104	VINODH KUMAR R	1	good communication, ha content and can handle situations
105	411518104105	YOGESH K	1	Good in framing sentences.Good spontaneity.
106	411518104106	YOGESHWARI N	1	Very good flow of language with spontaneity without any pause.
107	411518104107	NARMADHA.S	3	Need to improve in framing sentences




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PERI INSTITUTE OF TECHNOLOGY COMMUNICATION TRAINING SESSION LEVEL 2&3 STUDENTS ATTENDANCE SHEET																	
GRYFINDDOR		Time: 08.30 am - 10.00am				Vidya	Vidya	Vidya							Vasanth	Vasanth	Vasanth
S.NO.	REG NO	Name	LEVEL	DEPT	23/8	24/8	25/8	26/8	27/8	31/8	1/9	2/9	3/9	6/9	7/9	8/9	
1	411518106007	ASHWINI M	2	ECE	P	P	P	A	P	P	P	P	P	P	P	P	
2	411518106012	BUDDANNAGARI MADHU	2	ECE	P	P	P	P	P	P	P	P	P	P	P	P	
3	411518106020	INTHARAN R	3	ECE	P	P	P	P	P	P	P	A	P	P	P	P	
4	411518103010	SURENDRA KUMAR K	2	CIVIL	A	A	P	P	P	P	P	P	P	P	P	P	
5	411518105004	BHARATHI M	2	EEE	P	P	P	A	A	P	P	P	P	A	P	P	
6	411518104003	ABISHAKE GJ	2	CSE	P	P	P	A	P	A	P	A	P	P	P	P	
7	411518104010	ANAND.C	2	CSE	P	P	P	P	P	P	P	P	P	P	P	P	
8	411518104011	ANANTH.N	2	CSE	P	A	P	P	P	P	P	P	A	A	A	A	
9	411518104022	DELHI BABUL R	2	CSE	P	P	P	P	P	P	P	P	P	P	A	P	
10	411518104024	DHANUSH B	2	CSE	P	P	P	P	A	P	P	P	A	P	P	P	
11	411518104028	GOKULA KRISHNAN.R	3	CSE	A	A	A	P	P	P	A	P	A	P	A	A	
12	411518104032	HEMALATHA.V	2	CSE	P	A	P	P	A	P	P	P	A	A	A	A	
13	411518105033	HEMAPRIYA THARSHAN.J	2	CSE	P	P	A	A	P	A	P	A	P	A	P	A	
14	411518106016	GANESH A	2	ECE	A	P	P	A	A	P	P	P	A	A	A	A	
15	411518106025	JOTHIKA V	3	ECE	P	P	A	A	A	P	P	P	P	A	P	A	
16	411518114003	ALLWIN RAJ SUDHAN	2	MECH	P	P	P	P	P	P	P	P	P	P	P	P	
17	411518114005	AKAVINTH R	2	MECH	P	P	A	P	P	A	P	P	A	P	P	P	
18	411518114008	BALAJI.K	2	MECH	P	P	P	A	P	P	P	P	P	P	P	P	
19	411518114013	P.D.LILLIBABU	3	MECH	P	P	P	P	P	A	P	P	P	P	P	P	
				Present	16	15	15	13	14	15	17	17	12	14	13	13	
				Absent	3	4	4	5	5	4	2	2	7	5	6	6	
RAVENCLAW		Time: 08.30 am - 10.00am				Vasanth	Vasanth	Vasanth	Vidhya	Vidhya	Vidhya	RATHINA	RATHINA	RATHINA	Sujithra	sujithra	sujithra
S.NO.	REG NO	Name	LEVEL	DEPT	23/8	24/8	25/8	26/8	27/8	31/8	1/9	2/9	3/9	6/9	7/9	8/9	
1	411518106023	JAYAKAMALA NARAYANAN N.	2	ECE	P	P	P	P	P	A	P	P	P	A	P	P	
2	411518106024	JEENA B.M	3	ECE	P	P	P	P	P	P	P	P	P	P	P	P	
3	411518106031	KOKILAVANI P	3	ECE	P	P	P	A	A	A	A	A	A	A	A	A	
4	411518106037	MANGU KUMAR N	3	ECE	P	P	P	A	A	A	A	A	P	P	P	P	
5	411518103091	ANANDA GANAPATHY KB	2	CIVIL	A	A	P	A	A	A	A	A	P	P	P	P	
6	411518105005	DASARADHAN S	2	EEE	A	P	P	P	P	P	A	P	P	P	P	A	
7	411518104039	KARTHIK.N	3	CSE	P	A	P	P	A	A	A	A	A	P	P	A	
8	411518104040	KASTHURI.A	2	CSE	P	P	P	P	P	P	P	P	P	P	A	P	
9	411518104041	KERTHANA.S	2	CSE	P	P	P	P	P	A	P	P	P	P	P	P	
10	411518104046	MALATHI.A	2	CSE	P	P	P	P	P	A	P	P	P	P	P	P	
11																	

PERI INSTITUTE OF TECHNOLOGY							
COMMUNICATION TRAINING SESSION							
LEVEL 2&3 STUDENTS ATTENDANCE SHEET							
GRYFINDDOR		Time: 08.30 am - 10.00am					
S.NO.	REG NO	Name	DEPT	09/09	13/9	14/9	16/9
1	411518106007	ASHWINI M	ECE	P	P	P	P
2	411518106012	BUDDANNAG	ECE	P	P	P	P
3	411518106020	INTHARAN R	ECE	P	A	P	P
4	411518103010	SURENDRA KU	CIVIL	P	P	P	P
5	411518104003	ABISHAKE GJ	CSE	P	P	P	A
6	411518104010	ANAND.C	CSE	P	P	P	P
7	411518105004	BHARATHI M	EEE	P	A	P	A
8	411518105033	HEMAPRIYA T	CSE	P	P	P	A
9	411518114003	ALLWIN RAJ S	MECH	P	P	P	P
10	411518114008	BALAJI K	MECH	P	P	P	P
11	411518114013	E.P.DILLIBABU	MECH	P	P	P	P
			Present	11	9	11	8
			Absent	0	2	0	3
RAVENCLAW		Time: 08.30 am - 10.00am			Vasanth	Vasanth	Vasanth
S.NO.	REG NO	Name	DEPT	09/09	13/9	14/9	16/9
1	411518106024	JEEVA B M	ECE	P	P	P	P
2	411518106050	PRAWIN CHAN	ECE	P	A	P	P
3	411518106037	MANOJ KUMA	ECE	P	P	P	P
4	411518106025	JOTHIKA V	ECE	P	P	P	P
5	411518104041	KEERTHANA.	CSE	P	P	P	P
6	411518104046	MALATHI.A	CSE	A	A	P	P
7	411518104049	MOHAMMED A	CSE	P	P	P	P
8	411518104022	DELHI BABU.	CSE	P	P	P	P
9	411518104055	NANTHINI K	CSE	P	P	P	P
10	411518106045	NEELAM PRAN	ECE	P	P	P	P
11	411518114025	K.VINOD KUM	MECH	P	P	P	P
			Present	10	9	11	11
			Absent	1	2	0	0
SLYTHERIN		Time: 08.30 am - 10.00am					
S.NO.	REG NO	Name	DEPT	09/09	13/9	14/9	16/9
1	411518105009	JEEVITHA V	EEE	P	P	A	A
2	411518104065	PALAVAKAM C	CSE	P	P	P	P
3	411518103003	PRASHANTH J	CIVIL	P	P	P	P
4	411518104084	RUBAVATHI B	CSE	P	P	P	P
5	411518104087	SANTHOSH M	CSE	P	P	P	P
6	411518104090	SATHISH KUM	CSE	P	P	A	P
7	411518114030	A.MAADESHW	MECH	P	P	P	P

8	411518114033	MATHIBHAVA	MECH	P	P	P	P
9	411518114035	MUTHUPRAKA	MECH	P	P	P	P
10	411518114037	NAVEEN.R	MECH	P	P	P	P
11	411518114005	ARAVINTH R	MECH	A	P	P	P
12	411518114020	HEMANTH KU	MECH	P	P	A	A
			Present	10	12	9	10
			Absent	1	0	3	2
HUFFLEPUFF		Time: 08.30 am - 10.00am					
S.NO.	REG NO	Name	DEPT	09/09	13/9	14/9	16/9
1	411518114057	J.VEERAMANI	MECH	P	P	p	
2	411518114301	DINESH.S	MECH	p	P	p	
3	411518106064	SUNDAR R	ECE	p	P	p	
4	411518106069	VAKA HARSHI	ECE	p	P	p	
5	411518104082	ROHINI S	CSE	p	P	p	
6	411518106063	SUJAI MATHE	ECE	p	P	p	
7	411518105016	SATHISH BALAJI S	EEE	P	P	p	
8	411518105020	VIGNESH S	EEE	P	P	p	
9	411518104104	TARUN S	CSE	P	P	P	
10	411518104106	THENMOZHI. V	CSE	P	P	p	
11	411518104110	VIGNESH S	CSE	P	P	A	
			Present	11	11	9	0
			Absent	0	0	1	0




 Name and Signature with seal of
 of the Head of the Institution
J. J. PALSON KENNEDY, M.E., Ph.D.,
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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Availability of ICT Tools, Devices, Infrastructure and Practice

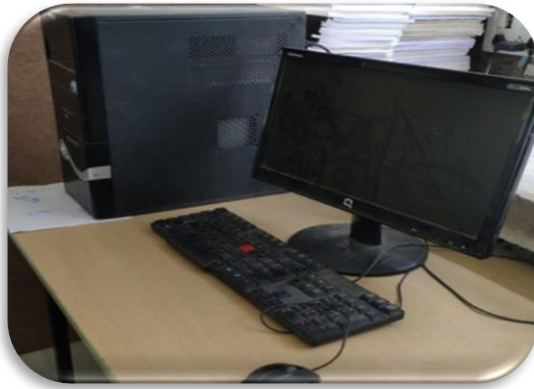
PERI iGuru

PERI iGuru is a comprehensive web-based education management solution developed with the aim of addressing the need of current day educational system demands.

iGuru Features:

- Student Information Management
- Staff Information Management
- Student & Staff Attendance Management
- Class Curriculum/Syllabus Management
- Class and Faculty Time-Tables
- Online Assignment, Homework
- Student Report Cards
- Customized Analysis and Reports
- Bulk emails and Messaging
- Calendar of Events
- Role Based Access
- Library Management System

S. No	Name of the Item/Components	Total No of Component Count
1.	Computer System: DSP Lab & Network Lab	60 Nos.
2.	Staff Computer	2 Nos.
3.	Staff Laptop	1 Nos.
4.	Printer: HP Laser Jet P1008 (Item No.: DB/PRI/502)	1 Nos.
5.	LCD Projectors: Sony VPL-EX290 (Item No.: AB/PROJ/029)	1 Nos.
6.	Network and Type of Network	LAN, Star Topology
7.	Internet Facility	YOU Broadband, 50Mbps
	E-Sources:	
8.	Digital Library	179 Nos.
9.	E-journals	500 Nos.
10.	Telephone: Landline	2 Nos.



Department computer system for Academic usage and Student attendance entry in IGURU Software



Department landline telephones (Intercom Number – 9040, 9035) available at HOD cabin and DSP Lab



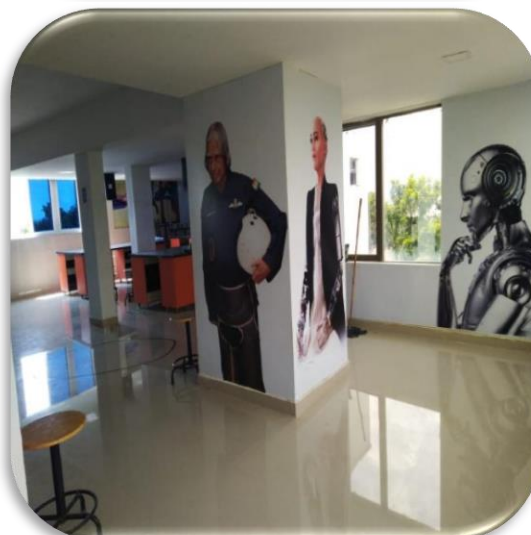
Department Printer and Projector (HP Laser Jet P1008 & Sony VPL-EX290)



Faculty attendance monitoring through ZKTeco Biometric Fingerprint System



The students involved in the designing robotic activities in the Drone Centre of Excellence and Robo Lab.



Intra-Department Aerial Robotics Competition Lab for designing innovative ideas in the field of Drone and Robo

Application of ICT in TLP

- **Swayam - NPTEL** <https://swayam.gov.in/NPTEL>
- <https://www.vlab.co.in/>
- To provide remote-access to Labs in various disciplines of Science and Engineering. These Virtual Labs would cater to students at the undergraduate level, post graduate level as well as to research scholars.
- <https://sakshat.ac.in/>
- **Google Forms- Easy for quizzes, evaluations or questionnaires**
- **Massive Open Online Course (MOOC) Platforms**
- **Coursera** – Online courses taught by instructors from well-recognized universities and companies.
- **EdX** – Online courses from leading educational institutions.
- **Future Learn** – Online courses to help learners study, build professional skills and connect with experts
- **Alison** – Online courses from experts, available in English, French, Spanish, Italian and Portuguese
- **Canvas Network** – Course catalogue accessible for free for teachers in order to Support lifelong learning and professional development.
- **Udemy** – English, Spanish and Portuguese language courses on ICT skills and programming.

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Availability of ICT Tools, Devices, Infrastructure and Practice

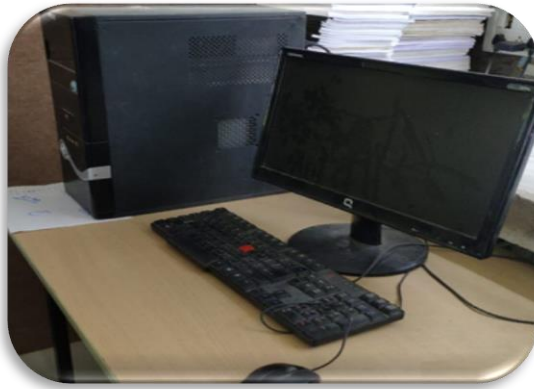
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- Library Management System

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4.	Printer: HP Laser Jet P1008 (Item No.: DB/PRI/502)	1 Nos.
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	E-Sources:	
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Department Printer and Projector (HP Laser Jet P1008 & Sony VPL-EX290)



Faculty attendance monitoring through ZKTeco Biometric Fingerprint System

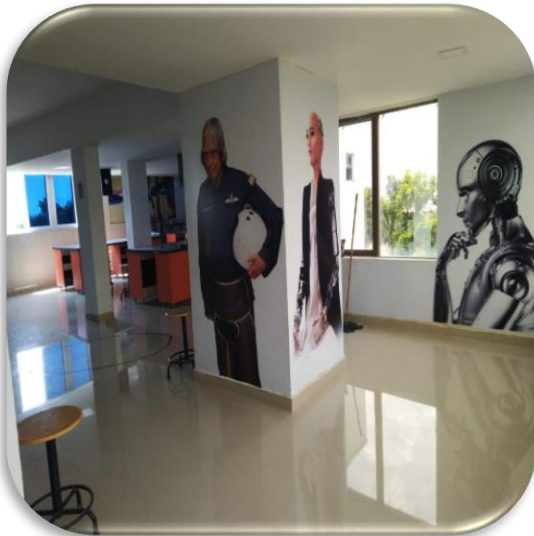
S.NO	Facility Name	Details	Reason(s) for creating facility	Utilization	Areas in which students are expected to have enhanced learning
1	Smart Class Room	Fully equipped shared Smart Classroom with LCD projector and software's with the seating capacity of 60. Comfortable desks, chairs and teaching aids. Glass	In Smart classes, we use all interactive modules like videos/ presentations and these visually attractive methods of teaching becomes appealing to students who are already struggling with the traditional method of teaching in a classroom	Per Semester 10hrs	Subjects (on, microwave, Real time application-oriented subjects) which have design, simulation and fabrication can be easily analysed and visualized
2	Seminar Hall	Fully equipped shared seminar hall with Computer, Projector, 100 Student Desk, Whiteboard, Air conditioner, Fan, Cushion chair, Microphone, Speaker, LED	To present technical talk/ project seminars/ research papers/ workshops/industry interaction presentation. Overall development of students like cultural, sports activities etc.,	Per Semester 12 hrs	To bridge the band gap between academic and industry curriculum. To upgrade students to industry standard. Cultural and Sports activities
3	Manuals along with instruction classes for all the labs	Manuals are provided for Analog Electronics, Digital Electronics, HDL, Microcontroller, Microprocessor, AC +LIC, Advanced communication	To create an awareness about the experiment and to educate the need of conducting the same. Students can understand concept of the experiment better. To document the same using the relevant data.	Throughout the semester	Design of Electronic circuit and testing. Better usage of software tools.
4	E Journals, E-books facility	IEEE, Springer, Elsevier Science	For research/project/internship activities. To know about recent trends in science and technology. Update the subject knowledge using various books and journals.	Throughout the semester	Engineering and Technology /Medical. Automotive, Solar, Metro Electronics/ agriculture Engineering.
5	English learning language class	The English faculty is deputed to teach Basic English for the first year students to make them to understand	To increase communication skill among students.	Per semester 20 hrs	Better Communication and understanding English language

6	Departmental Library	Having collection of Text Books, CD's, Reference, Books and Project / seminar report	To meet the needs of students To provide reference facilities To refer advanced information for seminar, laboratory projects	Throughout the semester	Student learning process
7	Research and Development lab and Project lab	Mini and Major project models guided by our faculty members in various fields of engineering. Open source software's like Lab View, P spice Keil micro vision, Xilinx9.1i, Micro wind	Real time application To create innovative ideas To build the creative skills Motivates student to come up with projects/products.	Throughout the Semester	Prototype models are developed, Automotive electronics Home automation Safety electronics models are developed Publishing Quality Technical papers
8	Video's From NPTEL, Classle, VTU Edusat	Displayed in the Lab.	Understanding the Video oriented Teaching and learning	Per Semester 15 hrs	Better Understandingthe subject. In depth knowledge beyond Lab.

File Incharge

HOD/ECE





John Kennedy
 Name and Signature with seal of
 of the Head of the Institution,
J. K. ALSON KENNEDY, M.E., Ph.D.,
 PRINCIPAL
 PERI INSTITUTE OF TECHNOLOGY

PERI INSTITUTE OF TECHNOLOGY			
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
REGULATION 2017			
ICT Teaching Method-Consolidated Sheet			
YEAR/SEMESTER	SUBJECT	NAME OF THE FACULTY	NAME OF THE TOPICS (PPTs Available)
2 YEAR /III SEM	EE8301 Electrical Machines - I	Mr.M.B.Joseph jerald	Magnetic Circuit
			Magnetic materials
			DC Generators
			Transformers
			Electromechanical Energy Conversion
			And Concepts In Rotating Machines
2 YEAR /III SEM	EC8353 Electron Devices and Circuits	Mss.A.Vijayalakshmi	BJT
			MOSFET
			IGBT
			Gain and frequency response- High frequency analysis.
			Multistage Amplifiers
			Differential Amplifier
2 YEAR /III SEM	ME8792 Power Plant Engineering	Mss.Dr.P.Yamuna	Super Critical Boilers
			Subsystems of thermal power plants
			Diesel, Dual & Brayton Cycle
			Boiling Water Reactor (BWR)
			Construction and working of Wind
			Biogas and Fuel Cell power systems
3 YEAR /V SEM	EE8501 Power System Analysis	Mss.S.L.Sreedevi	Faulty Analysis-Symmetrical
			Faulty Analysis-Un Symmetrical
			Power Flow Analysis
			Swing equation
			Rotor angle stability
			Classification of power system stability
3 YEAR /V SEM	EE8552 Power Electronics	Mr.R.Tamilamuthan	6-pulseconverters
			PWM techniques
			Dual converters
			MOSFET
			SCR
3 YEAR /V SEM	EE8551 Microprocessors and Microcontrollers	Mss.Lakshmi priya	8051 Micro Controller
			Memory organization
			I/O ports and data transfer concepts
			8085 Processor
			D/A converters
4 YEAR /VII SEM	EE8703 Renewable EnergySystems	Mr.A.Vasantharaj	Solar energy
			Wind energy
			GEO thermal
			Types of Wind Power Plants(WPPs)
			Types of PV Systems
			Fuel cell

4 YEAR /VII SEM	EE8702 Power System Operation and Control	Mr.R.Tamilamuthan	voltage and frequency regulation
			Reactive Power
			Voltage Control
			load forecasting
			STATCOM for voltage control.
4 YEAR /VII SEM	GE8077 Total Quality Management	Mr.M.B.Joseph jerald	TQM- Quality gurus and steps
			Bench marking
			PDCA cycle
			Quality Function Deployment

PERI INSTITUTE OF TECHNOLOGY			
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING			
REGULATION 2017			
ICT Teaching Method-Consolidated Sheet			
YEAR/SEMESTER	SUBJECT	NAME OF THE FACULTY	NAME OF THE TOPICS (PPTs Available)
2 YEAR /IV SEM	EE8401 Electrical Machines - II	Mss.A.Maheswari	Synchronous Generator parallel operation
			Types of starters
			A.S.A methods
			Double cage induction motors
2 YEAR /IV SEM	EE8403 Measurements and Instrumentation	Mss.A.N.Abirami	LCD
			LED
			Oscilloscope
			Single and three phase watt meters
			Grounding techniques
			Storage And Display Devices
2 YEAR /IV SEM	EE8402 Transmission and Distribution	Mrs.Irin Loretta	Formation of Corona
			DC cabilitys
			phase constant
			Mechanical Design Of Lines
			improvement of string efficiency
3 YEAR /VI SEM	EE8602 Protection and Switch Gear	Mr.A.Vasantharaj	Electromagnetic relay
			Differential relay
3 YEAR /VI SEM	EE8006 Power Quality	Mss.A.N.Abirami	Under voltage
			Harmonics
			Over voltage
			Voltage Sag And Swell
			Passive Power Compensators
			Power frequency variations
3 YEAR /VI SEM	EE8601 Solid State Drives	Mr.M.B.Joseph jerald	Chopper
			V/f control
			single and three phase converter
			multi quadrant
			4 quadrant operation of converter
			vector control- Applications
			current controller and speed

			controller
4 YEAR /VIII SEM	EE8016 Energy Management and Auditing	Mss.S.L.Sreedevi	Electrical interconnection
			Energy management in lighting systems
4 YEAR /VIII SEM	EE8015 Electric Energy Generation, Utilization and Conservation	Mr.M.B.Joseph gerald	Types of Lamps
			Air conditioning
			Importance of lighting
			street lighting
			Heating And Welding
			Brief introduction to electric welding
			traction motors and control
			House wiring
			Earthing


 Name and Signature with seal of
 of the Head of the Institution..
J. H. PALSON KENNEDY, M.Tech., Ph.D.,
PRINCIPAL
PERI INSTITUTE OF TECHNOLOGY



PERI INSTITUTE OF TECHNOLOGY
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REGULATION (2017,13 & 8) (YOUTUBE VIDEOS)

ICT Teaching Method-Consolidated Sheet

S. No	Name of the Subject	Video 1	Video 2	Video 3	Video 4	Video 5	Video 6
1.	Electrical Machines - I	Magnetic Circuits	Magnetic materials	Electromagnetic energy conversion	MMF of distributed windings	DC Generators- Construction	DC Generators- characteristics
2.	Electron Devices and Circuits	PN junction diode	Half Wave and Full Wave Rectifier	Laser diodes	BJT	MOSFET	Analysis of Common Emitter amplifier
3.	Power Plant Engineering	Super Critical Boilers	Subsystems of thermal power plants	Components of Diesel Turbine power plants	Basics of Nuclear Power Plant	Hydro Electric Power Plants	Solar Photo Voltaic
4.	Power System Analysis	Single line diagram	Per Unit Analysis	Impedance Diagram	Load Analysis	Faulty Analysis- Symmetrical	Faulty Analysis- Unsymmetrical
5.	Power Electronics	SCR	MOSFET	6- pulseconverters	Dual converters	Buck- Boost regulator	PWM techniques
6.	Microprocessors and Microcontrollers	8085 PROCESSOR	Memory organization	8051 MICRO CONTROLLER	Peripheral Interfacing	ICs: 8255, 8259, 8254, 8279	key board and display interface
7.	Renewable Energy Systems	Solar energy	PV panel	Wind energy	Types of wind energy	PN junction diode	GEO thermal
8.	Power System Operation and Control	voltage and frequency regulation	load forecasting	Load Frequency Control	block diagram representation of two area system	Reactive Power – Voltage Control	Reactive Power – Voltage Control
9.	Total Quality Management	TQM-Basic principles and techniques	TQM- Quality gurus and steps	TQM- Tools and Techniques II	5s and KAIZEN	Bench marking	ISO
10.	Electrical Machines - II	Types of rotors	Synchronous reactance	Synchronous Generator parallel operation	Synchronous Motor, Principle of operation	Synchronous Motor, Operation on infinite bus	Synchronous Motor, Starting methods

						bars	
11.	Measurements and Instrumentation	Static characteristic	dynamic characteristics	different meters to measure the readings	LCD	LED	Accuracy
12.	Transmission and Distribution	Structure of Power System	Types of cabilitys	Performance of Transmission lines	Formation of Corona	Effects of Wind and Ice loading	testing of insulators.
13.	Protection and Switch Gear	Types of fault	types of grounding	protection zone	Electromagnetic relay	Differential relay	Distance relay
14.	Power Quality	Over voltage	Under voltage	Harmonics	Ferroresonance	power quality monitoring	Equipments for safety in substation
15.	Solid State Drives	Electric drive	multi quadrant Dynamics	single and three phase converter	chopper	V/f control	closed loop control with Current and speed feedback
16.	Energy Management and Auditing	Need for energy management	Energy accounting	energy management by cogeneration	Electrical interconnection.	Energy management in lighting systems	Optimizing lighting energy
17.	Electric Energy Generation, Utilization and Conservation	Types of Lamps	Types of Lamps	Energy efficient lamps	Refrigeration	Air conditioning	Energy efficient motors

PERI INSTITUTE OF TECHNOLOGY

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

REGULATION (2017,13 & 8) (YOUTUBE VIDEOS)

ICT Teaching Method-Consolidated Sheet

S. No	Name of the Subject	Video 7	Video 8	Video 9	Video10	Video 11	Video 12
1.	Electrical Machines - I	–	–	–	–	–	–
2.	Electron Devices and Circuits		–	–	–	–	–
3.	Power Plant Engineering	Solar Photo Voltaic	Power tariff types	Geo Thermal	–	–	–
4.	Power System Analysis	–	–	–	–	–	–
5.	Power Electronics	–	–	–	–	–	–
6.	Microprocessors and Microcontrollers	–	–	–	–	–	–
7.	Renewable Energy Systems	–	–	–	–	–	–
8.	Power System Operation and Control	statement of unit commitment (UC) problem	SCADA and EMS functions	–	–	–	–
9.	Total Quality Management	Customer satisfaction	–	–	–	–	–
10.	Electrical Machines - II	Three Phase Induction Motor, Principle of operation	Three Phase Induction Motor, Torque-Slip characteristics	Types of starters	No load and blocked rotor test	–	–
11.	Measurements and Instrumentation	Oscilloscope	–	–	–	–	–

12.	Transmission and Distribution	DC capabilities.	Kelvin's Law	unsymmetrical spacing and transposition	–	–	–
13.	Protection and Switch Gear	Protection of transformer			–	–	–
14.	Power Quality	–	–	–	–	–	–
15.	Solid State Drives	current controller and speed control	–	–	–	–	–
16.	Energy Management and Auditing	Economic models	–	–	–	–	–
17.	Electric Energy Generation, Utilization and Conservation	Electric Traction Systems	–	–	–	–	–




 Name and Signature with seal of
 of the Head of the Institution..
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PERI INSTITUTE OF TECHNOLOGY

Department of Electrical and Electronics Engineering

Teaching Learning Centric Method

Regulation 2017

<u>Year / Semester: 4th Yr / 8th Sem</u>					
S. No	Sub Name	No of PPT	No of Videos	No of Journals	No of Lecture Notes
1.	Electric Energy Generation, Utilization and Conservation	04	7		05
2.	Energy Management and Auditing	03	6		05
<u>Year / Semester: 4th Yr / 7th Sem</u>					
1.	Renewable Energy Systems	4	6		04
2.	Power System Operation and Control	3	7		07
3.	Total Quality Management	3	5		04
4.	Human Rights	5	8		03
No of E – Manuals - 2 No's					
<u>Year / Semester: 3rd Yr / 6th Sem</u>					
1.	Protection and Switch Gear	4	8		05
2.	Power Quality	3	7		03
3.	Solid State Drives	4	5		05
4.	Embedded Systems	4	6		02
No of E – Manuals - 2 No's					
<u>Year / Semester: 3rd Yr / 5th Sem</u>					
1.	Power System Analysis	4	6		05
2.	Power Electronics	3	7		03
3.	Microprocessors and Microcontrollers	4	5		05
4.	Digital Signal Processing	3	8		02
No of E – Manuals - 2 No's					
<u>Year / Semester: 2nd Yr / 4th Sem</u>					
1.	Electrical Machines - II	4	8		05
2.	Measurements and Instrumentation	5	7		03

3.	Transmission and Distribution	3	5		05
4.	Control Systems	4	6		02
No of E – Manuals - 2 No's					
<u>Year / Semester: 2nd Yr / 3rd Sem</u>					
1.	Electrical Machines - I	4	7		05
2.	Electron Devices and Circuits	5	7		03
3.	Power Plant Engineering	3	9		05
4.	Electromagnetic Theory	4	6		02
No of E – Manuals - 2 No's					

CONSOLIDATED REPORT OF E-MANUALS AND VIDEOS

E-Manuals			
S.NO	SEM	Regulation	Lab Name
1.	7	2017	Power System Simulation Laboratory
2.	7	2017	Renewable Energy Systems Laboratory
3.	6	2017	Power Electronics and Drives Laboratory
4.	6	2017	Microprocessors and Microcontrollers Laboratory
5.	5	2017	Object Oriented Programming Laboratory
6.	5	2017	Control and Instrumentation Laboratory
7.	4	2017	Electrical Machines Lab II
7.	4	2017	Linear and Digital Integrated Circuits Laboratory
8	3	2017	Electronics Laboratory
9	3	2017	Electrical Machines Laboratory - I

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ACADEMIC YEAR: 2020-2021 ODD SEM

YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	Number of PPTs
II / 03	EE8301 Electrical Machines - I	Magnetic Circuit, Magnetic materials, DC Generators-Construction	4
	C8353 Electron Devices and Circuits	BJT, MOSFET, IGBT	5
	ME8792 Power Plant Engineering	Super Critical Boilers, Subsystems of thermal power plants	3
III / 05	EE8501 Power System Analysis	Faulty Analysis-Symmetrical, Faulty Analysis-Unsymmetrical	4
	EE8552 Power Electronics	6-pulseconverters, PWM techniques, Dual converters	3
	EE8551 Microprocessors andMicrocontrollers	8051 Micro Controller, 8085 Processor	4
IV / 07	EE8703 Renewable EnergySystems	Solar energy, Wind energy, GEO thermal	4
	EE8702 Power System Operation and Control	voltage and frequency regulation, Reactive Power – Voltage Control	3
	GE8077 Total Quality Management	TQM- Quality gurus and steps, Bench marking	3

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ACADEMIC YEAR: 2020-2021 EVEN SEM

YEAR / SEM	NAME OF THE SUBJECT	NAME OF THE TOPIC	Number of PPTs
II / 04	EE8401 Electrical Machines - II	Synchronous Generator parallel operation, Types of starters	4
	EE8403 Measurements and Instrumentation	LCD, LED, Oscilloscope	5
	EE8402 Transmission and Distribution	Formation of Corona, DC capabilities.	3
III / 06	EE8602 Protection and Switch Gear	Electromagnetic relay, Differential relay	4
	EE8006 Power Quality	Under voltage, Harmonics, Over voltage	3
	EE8601 Solid State Drives	Chopper, V/f control, single and three phase converter	4
IV / 08	EE8016 Energy Management and Auditing	Electrical interconnection., Energy management in lighting systems	4
	EE8015 Electric Energy Generation, Utilization and Conservation	Types of Lamps, Air conditioning	3




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Videos Available for Smart Class (EVEN Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
II / 04	Electrical Machines - II	Types of rotors	https://youtu.be/8sCKQXjEnUE	10
		Synchronous reactance	https://youtu.be/OBmWHseK87E	
		Synchronous Generator parallel operation	https://youtu.be/6XxyZHP3qhc	
		Synchronous Motor, Principle of operation	https://youtu.be/Vk2jDXxZIhs	
		Synchronous Motor, Operation on infinite bus bars	https://youtu.be/MauQjambJ9o	
		Synchronous Motor, Starting methods	https://youtu.be/80uxMISyzxI	
		Three Phase Induction Motor, Principle of operation	https://youtu.be/cuwSCutTHEI	
		Three Phase Induction Motor, Torque-Slip characteristics	https://youtu.be/CI9jVKrhTw8	
		Types of starters	https://youtu.be/mdT0xjdiero	
		No load and blocked rotor test	https://youtu.be/vSTi5BWaDHY	
	Measurements and Instrumentation	Static characteristic	https://youtu.be/3yoPJXGtomk	7
		dynamic characteristics	https://youtu.be/BVdNwMqlzYg	
		different meters to measure the readings	https://youtu.be/gkeJzRrwe5k	
		LCD	https://youtu.be/F0aeFnieB8	
		LED	https://youtu.be/IEju3AT1olk	
		Accuracy	https://youtu.be/w74qHMIJhP8	
		Oscilloscope	https://youtu.be/ALWBJDPCdQg	
	Transmission and Distribution	Structure of Power System	https://youtu.be/ATJw70TvKec	9
		Symmetrical and unsymmetrical spacing and transposition	https://youtu.be/CWLpboXdx0s	
		Performance of Transmission lines	https://youtu.be/WQJsYsvMR6s	
		Formation of Corona	https://youtu.be/m-jeQgXAqJA	
		Effects of Wind and Ice loading	https://youtu.be/jC9CJwz4m7k	
		testing of insulators.	https://youtu.be/L_YT6xpRn-I	
		Types of cabilitys		
		DC cabilitys.		
		Kelvin's Law	https://youtu.be/03hjI2C6zGs	

*R-17 & R-13 Regulation includes

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Videos Available for Smart Class (EVEN Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
III / 06	PSG	Types of fault	https://youtu.be/VG5PoBWleJA	7
		types of grounding	https://youtu.be/bZlImM9PftY	
		protection zone	https://youtu.be/MWKh0M4ZZ0E	
		Electromagnetic relay	https://youtu.be/cunddFiQzrk	
		Differential relay	https://youtu.be/TsDHce-k8d4	
		Distance relay	https://youtu.be/8chKBhzeTN4	
		Protection of transformer	https://youtu.be/oC5VmIGxsGA	
	Power Quality	Over voltage	https://youtu.be/fogXzmEbKzI	7
		Under voltage	https://youtu.be/nmPWaU63uSQ	
		Harmonics	https://youtu.be/vkh8Jfmm3hk	
		Ferroresonance	https://youtu.be/DsTCworHugg	
		power quality monitoring	https://youtu.be/5ayRLGVu50Q	
		Equipments for safety in substation		
	Solid State Drives	Electric drive	https://youtu.be/EaENkSSUK-k	7
		multi quadrant Dynamics	https://youtu.be/Tfrv9DJfVgs	
		single and three phase converter	https://youtu.be/Z-hhlyXnqug	
		chopper	https://youtu.be/j2XunCbHHB0	
		V/f control		
		closed loop control with Current and speed feedback	https://youtu.be/pL47w7JFAT4	
		current controller and speed control	https://youtu.be/b2zg0G1SHNQ	

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Videos Available for Smart Class (EVEN Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
IV / 08	Energy Management and Auditing	Need for energy management	https://youtu.be/LdnINcyLpdg	7
		Energy accounting	https://youtu.be/JgKtsKoDVgU	
		energy management by cogeneration	https://youtu.be/7giCzaZPZLA	
		Electrical interconnection.	https://youtu.be/cZsxzeSl_tA	
		Energy management in lighting systems	https://youtu.be/emlJAc_1Kdl	
		Optimizing lighting energy	https://youtu.be/4QERHl1fckk	
		Economic models	https://youtu.be/ODFCyGBfvOc	
	Electric Energy Generation, Utilization and Conservation	Illumination-basics	https://youtu.be/9ZZJqr48cxc	7
		Types of Lamps	https://youtu.be/eCPALNyZPvg	
		Energy efficient lamps	https://youtu.be/JxUVH0AMPQE	
		Refrigeration	https://youtu.be/h5wQoA15OnQ	
		Air conditioning	https://youtu.be/gVLhrLTF878	
		Energy efficient motors	https://youtu.be/YkpWWNcOSRs	
		Electric Traction Systems	https://youtu.be/1U9Nbe_L0eg	

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Videos Available for Smart Class (ODD Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
II / 03	Electrical Machines - I	Magnetic Circuits	https://youtu.be/M-QfX2fvpp4	7
		Magnetic materials	https://youtu.be/HIN3fWrGf_A	
		Electromagnetic energy conversion	https://youtu.be/NaYvND2GxuA	
		MMF of distributed windings	https://youtu.be/dZ_0MLu9uAw	
		Transformer regulation	https://youtu.be/hBzYwLhc2l8	
		DC Generators-Construction	https://youtu.be/oI-O9FCDqmg	
		DC Generators-characteristics	https://youtu.be/-1Y135kFbmA	
	Electron Devices and Circuits	PN junction diode	https://youtu.be/OyC02DWq3mI	7
		Half Wave and Full Wave Rectifier	https://youtu.be/8Bzt-FFvRgQ	
			https://youtu.be/qvcT2iC1N6k	
		Laser diodes	https://youtu.be/tOai-C1fxIM	
		BJT	https://youtu.be/-VwPSDQmdjM	
		MOSFET	https://youtu.be/p34w6ISouZY	
		IGBT	https://youtu.be/Bf7gzzykMcs	
	Power Plant Engineering	Analysis of Common Emitter amplifier	https://youtu.be/kCNwU-OGK-U	9
		Super Critical Boilers	https://youtu.be/Wf1b-dyxDCo	
		Subsystems of thermal power plants	https://youtu.be/IdPTuwKEfmA	
		Components of Diesel Turbine power plants	https://youtu.be/QDP2PCo0jMM	
		Basics of Nuclear Power Plant	https://youtu.be/AMXxXoHtM-o	
		Pressurized Water Reactor	https://youtu.be/Z5-KT8E4dwk	
		Hydro Electric Power Plants	https://youtu.be/UhjhuFhg3Xk	
		Solar Photo Voltaic	https://youtu.be/gl5tY5Noacc	
		Power tariff types	https://youtu.be/vBo6WnfiGME	
		Geo Thermal	https://youtu.be/eyOXmqu4PS8	

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Videos Available for Smart Class (ODD Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
III / 05	Power System Analysis	Single line diagram	https://youtu.be/IgGnfBiisL0	7
		Per Unit Analysis	https://youtu.be/7kHm9_8dtOM	
		Impedance Diagram	https://youtu.be/P9MHUeqYWew	
		Reactance Diagram	https://youtu.be/P9MHUeqYWew	
		Load Analysis	https://youtu.be/QrHUni0NJws	
		Faulty Analysis-Symmetrical	https://youtu.be/7lC8szKSmeU	
		Faulty Analysis-Unsymmetrical	https://youtu.be/eiiEB4KjVJg	
	Power Electronics	SCR	https://youtu.be/8OgHY4-gcQw	7
		MOSFET	https://youtu.be/p34w6ISouZY	
		6-pulseconverters	https://youtu.be/PUBQ5zIE25g	
		Dual converters	https://youtu.be/DPhbdFJ6SY0	
		Buck- Boost regulator	https://youtu.be/zNfbbPobtus	
		PWM techniques	https://youtu.be/B_Ysdv1xRbA	
		Factor Control	https://youtu.be/KVZVGHwp7B0	
	Microprocessors and Microcontrollers	8085 PROCESSOR	https://youtu.be/4pTiuJyY4IM	7
		Memory organization	https://youtu.be/raCxF78QsOc	
		8051 MICRO CONTROLLER	https://youtu.be/wp6CFnEO0GU	
		Peripheral Interfacing	https://youtu.be/mZltfJIEFMk	
		ICs: 8255, 8259, 8254, 8279	https://youtu.be/pphUIgjqJ8 https://youtu.be/TxX_mP_qDLI https://youtu.be/1kRQA7JTq4s https://youtu.be/nAsnr_uG2mI	
		key board and display interface	https://youtu.be/sd_k5W4YgME	
		Control of servo motor	https://youtu.be/Oro5UKsJoQQ	

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Videos Available for Smart Class (ODD Semester Subjects)

Year / Sem	Name of the Subject	Name of the Topic discussed	Link for the Topic	Number of Videos
IV / 07	Renewable Energy Systems	Solar energy	https://youtu.be/8nJXN6kwyqA	7
		PV panel	https://youtu.be/X0OZ6tpZ3Mc	
		Wind energy	https://youtu.be/4kW1y9xZOZM	
		Types of wind energy	https://youtu.be/60onEs-QH68	
		PN junction diode	https://youtu.be/OyC02DWq3ml	
		GEO thermal	https://youtu.be/mCRDf7QxiDk	
		Hydro power plant	https://youtu.be/Uhjufhg3Xk	
	Power System Operation and Control	voltage and frequency regulation	https://youtu.be/fBbMYLIPzVA	7
		load forecasting	https://youtu.be/dpgN8fl3IvY	
		Load Frequency Control	https://youtu.be/aoE8-Dtkebl	
		block diagram representation of two area system	https://youtu.be/uM2Xe4h1p_U	
		Reactive Power – Voltage Control	https://youtu.be/IZnw2nzmt0U	
		statement of unit commitment (UC) problem	https://youtu.be/yIIdxvziGEA	
		SCADA and EMS functions	https://youtu.be/nlFM1q9QPJw	
	Total Quality Management	TQM-Basic principles and techniques	https://youtu.be/YKwcxjUnots	7
		TQM- Quality gurus and steps	https://youtu.be/Ap6x1Xa_YFM	
		TQM- Tools and Techniques II	https://youtu.be/xtKo3z6zhB8	
		5s and KAIZEN	https://youtu.be/DFsFODnb-Iw	
		Bench marking	https://youtu.be/SRx1pq2ky6A	
		ISO	https://youtu.be/MlssDGB7pJc	
		Customer satisfaction	https://youtu.be/4i9z8McOxmM	

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