Department of Electrical & Electronics Engineering

Course Tittle: Electrical Networks Lab

Following documents are available in Course File.

S.No.	Points	Yes	No
1	Institute and Department Vision and Mission Statements		
2	PEO & PO Mapping		
3	Academic Calendar		
4	Subject Allocation Sheet		
5	Class Time Table, Individual Timetable (Single Sheet)		
6	Syllabus Copy		
7	Course Handout		
8	CO-PO Mapping		
9	CO-Cognitive Level Mapping		
10	Lecture Notes		
11	Tutorial Sheets With Solution		
12	Soft Copy of Notes/Ppt/Slides		
13	Sessional Question Paper and Scheme of Evaluation		
14	Best, Average and Weak Answer Scripts for Each Sessional Exam. (Photocopies)		
15	Assignment Questions and Solutions		
16	Previous University Question Papers		
17	Result Analysis		
18	Feedback From Students		
19	Course Exit Survey		
20	CO Attainment for All Mids.		
21	Remedial Action.		

Course Instructor / Course Coordinator

(Name)

Course Instructor / Course Coordinator

(Signature)

1	Institute and Department Vision and Mission Statements

Department/Program-EEE

MISSION OF THE INSTITUTE:

To achieve and impart quality education with an emphasis on practical skills and social relevance.

VISION OF THE INSTITUTE:

To be among the best of the institutions for engineers and technologists with attitudes, skills and knowledge and to become an epicenter of creative solutions.

VISION OF THE PROGRAM:

To impart technical knowledge and skills required to succeed in life, career and help society to achieve self-sufficiency.

MISSION OF THE PROGRAM:

- To become an internationally leading department for higher learning.
- To build upon the culture and values of universal science and contemporary education.
- To be a center of research and education generating knowledge and technologies which lay groundwork in shaping the future in the fields of electrical and electronics engineering.
- To develop partnership with industrial, R&D and government agencies and actively participate in conferences, technical and community activities.

2	PEO & PO Mapping

Program Educational Objectives (PEO's):

PEO 1: Graduates will have a successful technical or professional careers, including supportive and leadership roles on multidisciplinary teams.

PEO 2: Graduates will be able to acquire, use and develop skills as required for effective professional practices.

PEO 3: Graduates will be able to attain holistic education that is an essential prerequisite for being a responsible member of society.

PEO 4: Graduates will be engaged in life-long learning, to remain abreast in their profession and be leaders in our technologically vibrant society.

Program outcomes

a) Ability to apply knowledge of mathematics, science, and engineering.

b) Ability to design and conduct experiments, as well as to analyze and interpret data.

c) Ability to design a system, component, or process to meet desired needs within realistic

constraints such as economic, environmental, social, political, ethical, health and safety,

manufacturability, and sustainability.

d) Ability to function on multi-disciplinary teams.

e) Ability to identify, formulates, and solves engineering problems.

f) Understanding of professional and ethical responsibility.

g) Ability to communicate effectively.

h) Broad education necessary to understand the impact of engineering solutions in a

global, economic, environmental, and societal context.

i) Recognition of the need for, and an ability to engage in life-long learning.

j) Knowledge of contemporary issues.

k) Ability to utilize experimental, statistical and computational methods and tools necessary

for engineering practice.

l) Graduates will demonstrate an ability to design electrical and electronic circuits, power

electronics, power systems; electrical machines analyze and interpret data and also an

ability to design digital and analog systems and programming them.

PEOs & POs Mapping

Programme Educational	Programme Outcomes (POs)

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Department of Electrical & Electronics Engineering

Objectives (PEOs)	1	2	3	4	5	6	7	8	9	10	11	12
1	M	M	-	-	H	-	-	H	H	-	H	H
2	-	-	M	M	H	H	H	-	-	-	-	H
3	-	-	-	-	H	H	M	M	M	M	H	H
4	-	-	-	M	M	H	M	H	H	-	M	H

* H: Strongly Correlating (3); M: Moderately Correlating (2) & L: Weakly Correlating (1)

COURSE OBJECTIVES

Academic **Y**ear   : 2018-2019

Semester   : I

Name of the Program: EEE……… B.Tech …II/I.…… Section: A,B

Course/Subject: Electrical Networks Lab……   Code: GR17A2038

Name of the Faculty: Y.Satyavani   Dept: …………..EEE…………

Designation: Assistant professor

On completion of this Subject/Course the student shall be able to:

S.No	Course Objectives
1.	Understand the concept of circuit elements lumped Circuits and various types of sources,V-I relation for various input signals and Kirchhoff's Laws and network reduction techniques.
2.	•Understand the concept of alternating quantities, analysis of R, L, C parameters applied with ac sinusoidal voltage, concept of reactance, impedance, susceptance and admittance and concept of real and reactive powers and power factor.
3.	•Understand network topology a technique used for analyzing and solving electrical networks, loop analysis and nodal analysis method, concept of duality and dual networks, concept of KVL& KCL.
4.	•Understand concept of resonance, bandwidth, measurement of reactive and active power and measurement three phase voltages and currents.
5.	•Learn about Superposition theorem for dc and ac. Excitations, Thevenin's theorem, Norton's theorem Maximum power transfer theorem, Compensation theorem for dc and ac excitations.
6.	•Demonstrate networks thermos using components on breadboard.
7.	•Learn how to simulate an electrical circuit using electrical softwares Course

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COURSE OUTCOMES

Academic Year   : 2018-2019

Semester   : I

Name of the Program: EEE……… B.Tech   …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab……   Code: GR17A2038

Name of the Faculty: Y.Satyavani   Dept: …………..EEE…………

Designation: Assistant professor

The expected outcomes of the Course/Subject are:

S.No	Course Outcomes
1.	Understand the knowledge of mathematics, science and engineering.
2.	Identify, formulate and solve engineering problems.
3.	Analyze and design basic lumped circuits.
4.	Participate and try to succeed in competitive examinations.
5.	Simulate network circuits.
6.	Use techniques, skills and modern engineering tools necessary for engineering practice.
7.	Connect hardware components practically on breadboard.

Signature of HOD   Signature of faculty

Date:

3	Academic Calendar

ACADEMIC CALENDAR
Academic Year 2018-19

II B.TECH – FIRST SEMESTER

S. No.	EVENT	PERIOD	DURATION
1	1st Spell of Instructions	02-07-2018 to 05-09-2018	9 Weeks 3 Days
2	1st Mid-term Examinations	06-09-2018 to 08-09-2018	3 Days
3	2nd Spell of Instructions	10-09-2018 to 27-10-2018	7 Weeks
4	2nd Mid-term Examinations	29-10-2018 to 31-10-2018	3 Days
5	Preparation	01-11-2018 to 07-11-2018	1 Week
6	**End Semester Examinations (Theory/ Practicals) Regular/Supplementary**	**08-11-2018 to 08-12-2018**	**4 Weeks 3 Days**
7	Commencement of Second Semester, A.Y 2018-19	10-12-2018	

II B.TECH – SECOND SEMESTER

S. No.	EVENT	PERIOD	DURATION
1	1st Spell of Instruction	10-12-2018 to 06-02-2019	8 Weeks 3 days
2	1st Mid-term Examinations	07-02-2019 to 09-02-2019	3 Days
3	2nd Spell of Instruction	11-02-2019 to 03-04-2019	**7 Weeks 3 Days**
4	2nd Mid-term Examinations	04-04-2019 to 06-04-2019	3 Days
5	Preparation	08-04-2019 to 17-04-2019	**1 Week 3 Days**
6	**End Semester Examinations (Theory/ Practicals) Regular**	18-04-2019 to 08-05-2019	3 Weeks
7	**Supplementary and Summer Vacation**	**09-05-2019 to 22-06-2019**	**6 Weeks 3 Days**
8	Commencement of First Semester, A.Y 2019-20	24-06-2019	

Department of Electrical & Electronics Engineering

4	Subject Allocation Sheet

Subject Code	Subject Name	Faculty Code	Faculty Name	Almanac	
GR17A2058	Special Functions and Complex Variable	Dr GS	Dr G Swapna	1st Spell of Instructions	02-07-2018 to 05-09-2018
GR17A2076	Computer Organization	PRK	P Ravi Kanth	1st Mid-term Examinations	06-09-2018 to 08-09-2018
GR17A2034	Electromagnetic Fields	SN	Syed Sarfaraz Nawaz	2nd Spell of Instructions	10-09-2018 to 27-10-2018
GR17A2035	Network Theory	MS	M Srikanth	2nd Mid-term Examinations	29-10-2018 to 31-10-2018
GR17A2036	DC Machines and Transformers	Dr BPB	Dr B Phaneendra Babu	Preparation	01-11-2018 to 07-11-2018
GR17A2037	DC Machines Lab	DSR/PRK	D Srinivasa Rao/P Ravikanth	End Semester Examinations (Theory/ Practicals) Regular / Supplementary	08-11-2018 to 08-12-2018
GR17A2038	Electrical Networks Lab	YSV / GBR	Y Satya Vani/ G Bhaskar Rao		
GR17A2039	Electrical Simulation Lab	GSR/PS	G Sandhya Rani / P Sirisha	Commencement of Second Semester, A.Y	12/10/2018
GR17A2001	Environmental Science	Bh.SR	Bh. Saroja Rani		

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5	Class Time Table, Individual Timetable (Single Sheet)

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

GRIET/PRIN/06/G/01/18-19

wef: 02 July 2018

B.Tech - EEE - A

II Year - I Semester

Day/Hour	9:00 - 9:45	9:45 - 10:30	10:30 - 11:15	11:15- 12:00	12:00 - 12:30	12:30 - 1:20	1:20 - 2:10	2:10 -3:00	Room No.		
MONDAY	ES Lab /DCM Lab A1/A2				BREAK	ES	DCMT	DCMT	Theory	4401	
TUESDAY	DCM Lab / EN Lab A1/A2					DCMT	DCMT	NT	Lab	DCM Lab-2106 ES Lab- 4508 EN Lab- 4510	
WEDNESDAY	EN Lab / ES Lab A1/A2					NT	NT	CO			
THURSDAY	SFCV		EMF			ES	CO	CO	Class Incharge :	V V S Madhuri	
FRIDAY	NT		EMF			SFCV	CO	CO			
SATURDAY	EMF		DCMT			SFCV	SFCV	NT			

Subject Code	Subject Name	Faculty Code	Faculty Name	Almanac	
GR17A2058	Special Functions and Complex Variable	Dr GS	Dr G Swapna	1st Spell of Instructions	02-07-2018 to 05-09-2018
GR17A2076	Computer Organization	PRK	P Ravi Kanth	1st Mid-term Examinations	06-09-2018 to 08-09-2018
GR17A2034	Electromagnetic Fields	SN	Syed Sarfaraz Nawaz	2nd Spell of Instructions	10-09-2018 to 27-10-2018
GR17A2035	Network Theory	MS	M Srikanth	2nd Mid-term Examinations	29-10-2018 to 31-10-2018
GR17A2036	DC Machines and Transformers	Dr BPB	Dr B Phaneendra Babu	Preparation	01-11-2018 to 07-11-2018
GR17A2037	DC Machines Lab	DSR/MP	D Srinivasa Rao/M Prashanth	End Semester Examinations (Theory/ Practicals) Regular / Supplementary	08-11-2018 to 08-12-2018
GR17A2038	Electrical Networks Lab	YSV / GBR	Y Satya Vani/ G Bhaskar Rao		
GR17A2039	Electrical Simulation Lab	GSR/PS	G Sandhya Rani / P Sirisha	Commencement of Second Semester, A.Y	10-12-18
GR17A2001	Environmental Science	MHK	M Haritha Kiranmayi		

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B.Tech - EEE - B   II Year - I Semester

Day/Hour	9:00 - 9:45	9:45 - 10:30	10:30 - 11:15	11:15- 12:00	12:00 - 12:30	12:30 - 1:20	1:20 - 2:10	2:10 -3:00	Room No.	
MONDAY	EMF		DCMT		BREAK	SFCV	SFCV	ES	Theory	4402
TUESDAY	DCMT		EMF			NT	CO	CO	Lab	DCM Lab-2106 ES Lab- 4508 EN Lab- 4510
WEDNESDAY	NT		CO			SFCV	EMF	EMF		
THURSDAY	ES Lab /DCM Lab B1/B2					SFCV	SFCV	NT	Class Incharge :	VVSMadhuri
FRIDAY	DCM Lab / EN Lab B1/B2					NT	NT	ES		
SATURDAY	EN Lab / ES Lab B1/B2					CO	DCMT	DCMT		

Subject Code	Subject Name	Faculty Code	Faculty Name	Almanac	
GR17A2058	Special Functions and Complex Variable	Dr GS	Dr G Swapna	1st Spell of Instructions	02-07-2018 to 05-09-2018
GR17A2076	Computer Organization	PRK	P Ravi Kanth	1st Mid-term Examinations	06-09-2018 to 08-09-2018
GR17A2034	Electromagnetic Fields	SN	Syed Sarfaraz Nawaz	2nd Spell of Instructions	10-09-2018 to 27-10-2018
GR17A2035	Network Theory	MS	M Srikanth	2nd Mid-term Examinations	29-10-2018 to 31-10-2018
GR17A2036	DC Machines and Transformers	Dr BPB	Dr B Phaneendra Babu	Preparation	01-11-2018 to 07-11-2018
GR17A2037	DC Machines Lab	DSR/PRK	D Srinivasa Rao/P Ravikanth	End Semester Examinations (Theory/ Practicals) Regular / Supplementary	08-11-2018 to 08-12-2018
GR17A2038	Electrical Networks Lab	YSV / GBR	Y Satya Vani/ G Bhaskar Rao		
GR17A2039	Electrical Simulation Lab	GSR/PS	G Sandhya Rani / P Sirisha	Commencement of Second Semester, A.Y	10-12-18
GR17A2001	Environmental Science	Bh.SR	Bh. Saroja Rani		

Individual timetable

Day/Hour	9:00 - 9:45	9:45 - 10:30	10:30 - 11:15	11:15- 12:00	12:00- 12:30	12:30 - 1:20	1:20 - 2:10	2:10 -3:00	Room No.	
MONDAY					BREAK				Theory	4401
TUESDAY		EN Lab A2							Lab	DCM Lab-2106 ES Lab- 4508 EN Lab- 4510
WEDNESDAY		EN Lab A1								
THURSDAY									Class Incharge:	V V S Madhuri
FRIDAY		EN Lab B2								
SATURDAY		EN Lab B1								

6	Syllabus Copy

Syllabus

Course Code: GR17A2038   L:0 T:0 P:2 C:2 63 GR17 Regulations

Contents:
1. Thevenin's Theorem
2. Norton's Theorem
3. Maximum power Transfer Theorem
4. Superposition Theorem and Reciprocity Theorem
5. Z and Yparameters.
6. Transmission and Hybrid Parameters
7. Compensation and Milliman's Theorems
8. Series Resonance
9. Parallel Resonance
10. Locus of Current Vector in an R-LCircuit
11. Locus of Current Vector in an R-C Circuit
12. Measurement of 3-phase power by two watt meter method for unbalanced loads

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7	Course Handout

COURSE SCHEDULE

Academic Year   : 2018-2019

Semester   : I

Name of the Program: EEE……… B.Tech …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab……   Code: GR17A2038

Name of the Faculty: Y.Satyavani   Dept: …………..EEE…………

Designation: Assistant professor

The Schedule for the whole Course / Subject is:

Exp. No.	Description	Duration(Date)	Total No. of Periods
1.	Thevenin's theorem	09/07/18	4
2.	Norton's Theorem	09/07/18	4
3.	Maximum Power Transfer Theorem	16/07/18	4
4.	Superposition Theorem	16/07/18	4
5.	Reciprocity Theorem	20/07/18	4
6.	Compensation Theorem	23/07/18	4
7	Millman's Theorem	27/07/18	4
8.	Z parameters	30/07/18	4
9.	Y parameters	03/08/18	4
10	Transmission Parameters	17/08/18	4
11.	Hybrid Parameters	24/08/18	4
12.	Series Resonance	31/08/18	4
13.	Parallel Resonance	14/09/18	4
14.	Measurement of 3 phase power by 2 watt meter method for unbalanced loads	21/09/18	4

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Total No. of Instructional periods available for the course: …. …….Hours / Periods

SCHEDULE OF INSTRUCTIONSCOURSE PLAN

Academic Year   : 2018-2019

Semester   : I

Name of the Program: EEE……… B.Tech …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab……   Code: GR17A2038

Name of the Faculty: Y.Satyavani   Dept: …………..EEE…………

Designation: Assistant professor

Exp.No	Topics	Objectives & Outcome s	References(Text Book, Journal…)
1.	Thevenin's theorem	1,2,3 & 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
2.	Norton's Theorem	1,2,3 & 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
3	Maximum Power Transfer Theorem	1,2,3& 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
4	Superposition Theorem	1,2,3& 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
5	Reciprocity Theorem	1,2,3& 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
6	Compensation Theorem	1,2,3 & 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
7	Millman's Theorem	1,2,3 & 1,2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
8	Z and Y parameters	1,2,3 & 2	Circuits and Networks by A.SUDHAKAR and S.P.SHYAMMOHAN
9	Transmission and Hybrid	1,2,3 & 2	Circuits and Networks by A.SUDHAKAR

10	Series Resonance	1,2,3,4 & 2	Circuits and Networks by A.SUDHAKAR
11	Parallel Resonance	1,2,3,4 & 2	Circuits and Networks by A.SUDHAKAR
12	Measurement of 3 phase power by 2 watt meter method for unbalanced loads	1,2,3,4 ,5,6 & 2	Circuits and Networks by A.SUDHAKAR

8	CO-PO Mapping

Assessment methods:

1. Operation skill and familiarization of software.
2. Experimental procedure, simulation results, internal observation, lab record.
3. Internal examinations.
4. External examinations.
5. Viva- voce.

1. **Course Objectives-Program Outcomes (POs) Relationship Matrix** (Indicate the relationships by mark "X")

P-Outcomes / C-Objectives	a	B	c	d	e	F	g	h	i	j	k	l
1	X	X	X	X	X				X	X	X	X
2	X				X		X	X		X	X	
3	X	X	X			X	X	X	X		X	X
4				X	X	X		X	X	X	X	
5		X	X	X					X	X		
6				X	X	X		X		X	X	
7	X	X	X	X	X	X	X		X	X	X	

2. **Course Outcomes-Program Outcomes (POs) Relationship Matrix** (Indicate the relationships by mark "X")

P-Outcomes / C-Outcomes	a	b	c	d	e	f	g	h	i	J	k	l
1	X	X	X	X	X			X	X	X	X	X
2	X	X	X	X	X	X	X	X	X	X	X	X
3	X	X	X	X	X	X	X	X	X	X	X	X
4	X	X	X							X	X	X
5	X	X	X							X	X	X
6	X	X	X							X	X	X
7	X	X	X							X	X	X

3. **Courses (with title & code)-Program Outcomes (POs) Relationship Matrix**
(Indicate the relationships by mark "X"

P-Outcomes Courses	a	b	c	d	e	f	g	h	i	j	k	l
Electrical Networks Lab	X	X	X	X	X	X	X	X	X	X	X	X

4. **Program Educational Objectives (PEOs) –Vision/Mission Matrix** (Indicate therelationships by mark "X")

PEOs	Mission of department			
	Higher Learning	Contemporary Education	Technical knowledge	Research
Graduates will have a successful technical or professional careers, including supportive and leadership roles on multidisciplinary teams	X	X	X	X
Graduates will be able to acquire, use and develop skills as required for effective professional practices		X	X	
Graduates will be able to attain holistic education that is an essential prerequisite for being a responsible member of society	X		X	
Graduates will be engaged in life-long learning, to remain abreast in their profession and be leaders in our technologically vibrant society.	X		X	X

5. **Program Educational Objectives(PEOs)-Program Outcomes(POs) Relationship Matrix** (Indicate the relationships by m

P-Outcomes PEOs	a	b	c	d	e	f
1	X	X	X	X	X	
2	X	X	X	X	X	
3		X	X	X		X
4				X		

6.**Course Objectives-Course Outcomes Relationship Matrix** (Indicate the

relationships by mark "X")

Course-Outcomes Course-Objectives	1	2	3	4	5	6	7
1	X	X	X	X	X	X	X
2	X	X	X	X	X	x	X
3	X	X					
4				X	X		
5			X	X	X	x	X
6			X	X	X	X	X
7	X		X	X	X	X	

Program Educational Objectives (PEOs)-Course Outcomes Relationship Matrix (Indicate the relationships by mark

P-Objectives(PEO) Course-Outcomes	1	2	3	4
1	X	X		X
2	X	X		X
3	X	X		X
4	X	X		X
5	X	X		X
6	X	X		X
7	X	X		X

8. **Assignments & Assessments-Program Outcomes (POs) Relationship Matrix** (Indicate the relationships by mark "X"

P-Outcomes Assessments	a	b	c	d	e	f
1	x	x		x		x
2	x	x	x			x
3	x	x	x			x
4	x	x	x			x

9. **Assignments & Assessments-Program Educational Objectives (PEOs) Relationship Matrix** (Indicate the relationships by

P-Objectives (PEOs) Assessments	1	2	3	4
1	X	X		
2		X		
3		X	X	X
4		X		
5		X		

Assessment process and Relevant Surveys conducted:

Department of Electrical & Electronics Engineering

1.   **Constituencies -Program Outcomes (POs) Relationship Matrix**
(Indicate the relationships by mark "X").
 Constituencies

1. **Alumni**
2. **Government employers**
3. **Students**

P-Outcomes Constituencies	a	b	c	d	e	f	G	h	i	j	k	l
1	X	X	X	X	X	X	X		X	X		X
2	X	X	X	X	X	X	X		X			X
3	X	X			X	X	X	X		X	X	X

9	CO-Cognitive Level Mapping

Subject :Electrical Networks Lab

CO	Cognitive Learning Level					
	1	2	3	4	5	6
1		X				
2			X			
3						X
4				X		
5		X				
6			X			
7		X				

Cognitive Learning Levels:

CLL1: Remembering

CLL2: Understanding

CLL3: Applying

CLL4: Analyzing

CLL5: Evaluating

CLL6: Creating

Department of Electrical & Electronics Engineering

13	Sessional Question Paper and Scheme of Evaluation

EVALUATION STRATEGY

Academic Year : 2018-2019

Semester : I

Name of the Program: EEE……… B.Tech …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab…… Code: GR17A2038

Name of the Faculty: Y.Satyavani Dept: …………..EEE…………

Designation: Assistant professor

1. TARGET:

A) Percentage for pass: 100%

2. COURSE PLAN & CONTENT DELIVERY

- PPT presentation of the Lectures

- Solving exercise problems

- Model questions

3. METHOD OF EVALUATION

3.1 ☐ Daily Attendance

3.2 ☐ Lab records and observation

3.3 ☐ Mini Projects

3.4 ☐ Viva Voce

3.5 ☐ Internal Examination

3.6 ☐ Semester/End Examination

4. List out any new topic(s) or any innovation you would like to introduce in teaching the subjects in this Semester.

Signature of HOD   Signature of faculty

Date: Date:

18	Feedback from Students

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(Autonomous)

Summation of Teacher Appraisal by Student
Academic Year 2018-19

Name of the Instructor	Y Satya VANI
Faculty ID	788
Branch	EEE
Class and Semester/Section	II / I / A
Academic Year	2018-19
Subject Title	EN Lab
Total No. of Responses/class strength	51/72

Average rating on a scale of 4 for the responses considered:

S. No	Questions of Feedback	Average
1	How do the teacher explain the subject?	3.2372881355932202
2	The teacher pays attention to	3.1355932203389831
3	The Language and communication skills of the teacher is	3.2033898305084745
4	Is the session Interactive?	3.2881355932203391
5	Rate your teacher's explanation in clearing the doubts	3.2033898305084745
6	Rate your teachers commitment in completing the syllabus	3.1355932203389831
7	Rate your teachers punctuality	3.1864406779661016
8	Rate your teachers use of teaching aids	3.1355932203389831
9	Rate your teacher's guidance in other activities like NPTEL, Moodle, Swayam, Projects.	3.2372881355932202
10	What is your overall opinion about the teacher?	3.152542372881356

Net Feedback on a scale of 1 to 4: 3.1915254237288133

Gokaraju Rangaraju Institute of Engineering & Technology
(Autonomous)

Summation of Teacher Appraisal by Student
Academic Year 2018-19

Name of the Instructor	Y Satya VANI
Faculty ID	788
Branch	EEE
Class and Semester/Section	II / I / B
Academic Year	2018-19
Subject Title	EN Lab
Total No. of Responses/class strength	48/72

Average rating on a scale of 4 for the responses considered:

S. No	Questions of Feedback	Average
1	How do the teacher explain the subject?	3.3559322033898304
2	The teacher pays attention to	3.4406779661016951
3	The Language and communication skills of the teacher is	3.3898305084745761
4	Is the session Interactive?	3.3559322033898304
5	Rate your teacher's explanation in clearing the doubts	3.4237288135593222
6	Rate your teachers commitment in completing the syllabus	3.3728813559322033
7	Rate your teachers punctuality	3.3559322033898304
8	Rate your teachers use of teaching aids	3.4745762711864407
9	Rate your teacher's guidance in other activities like NPTEL, Moodle, Swayam, Projects.	3.2203389830508473
10	What is your overall opinion about the teacher?	3.4915254237288136

Net Feedback on a scale of 1 to 4: 3.3881355932203392

19	Course Exit Survey

RUBRIC

OBJECTIVE: **Work effectively with others**

STUDENT OUTCOME: **Ability to function in a multi-disciplinary team**

S.No.	Student Name	Performance Criteria	Unsatisfactory	Developing	Satisfactory	Exemplary	Score
			1	2	3	4	
1.	R.Madhuri (18245A0218)	**Research & Gather Information**	Does not collect any information that relates to the topic.	Collects very little information some relates to the topic	Collects some basic Information most relates to the topic.	Collects a great deal of Information all relates to the topic.	
		Fulfill team role's	Does not perform any duties of assigned team role.	Performs very little duties.	Performs nearly all duties.	Performs all duties ofassigned team role.	
		Share Equally	Always relies on others to do the work.	Rarely does the assigned work--often needs reminding.	Usually does the assigned work--rarely needs reminding.	Always does the assigned work without having to be reminded	
		Listen to other team mates	Is always talking--never allows anyone else to speak.	Usually doing most of the talking--rarely allows others to speak.	Listens, but sometimes talks too much.	Listens and speaks a fair amount.	

						Average score	
2.	Revanth (17241A02B0)	**Research & Gather Information**	Does not collect any information that relates to the topic.	Collects very little information --some relates to the topic	Collects some basic information--most relates to the topic.	Collects a great deal of information--all relates to the topic.	
		Fulfill team role's	Does not perform any duties of assigned team role.	Performs very little duties.	Performs nearly all duties.	Performs all duties of assigned team role.	
		Share Equally	Always relies on others to do the work.	Rarely does the assigned work-- often needs reminding.	Usually does the assigned work-- rarely needs reminding.	Always does the assigned work without having to be reminded.	
		Listen to other team mates	Is always talking--never allows anyone else to speak.	Usually doing most of the talking-- rarely allows others to speak.	Listens, but sometimes talks too much.	Listens and speaks a fair amount.	

Department of Electrical & Electronics Engineering

							Average score	
3	R.V.Sai Tarun (17241A02A4)	**Research & Gather Information**	Does not collect any information that relates to the topic.	Collects very little information--some relates to the topic	Collects some basic informatio n--most relates to the topic.	Collects a great deal of informati on--all relates to the topic.		
		Fulfill team role's	Does not perform any duties of assigned team role.	Performs very little duties.	Performs nearly all duties.	Performs all duties of assigned team role.		
		Share Equally	Always relies on others to do the work.	Rarely does the assigned work-- often needs reminding.	Usually does the assigned work-- rarely needs reminding.	Always does the assigned work without having to be reminded.		
		Listen to other team mates	Is always talking--never allows anyone else to speak.	Usually doing most of the talking-- rarely allows others to speak.	Listens, but sometimes talks too much.	Listens and speaks a fair amount.		
						Average score		

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COURSE COMPLETION STATUS

Academic Year : 2018-2019

Semester : I

Name of the Program: EEE……… B.Tech …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab…… Code: GR17A2038

Name of the Faculty: Y.Satyavani Dept: …………..EEE…………

Designation: Assistant professor

Program	Remarks	No. of Objectives Achieved	No. of Outcomes Achieved
1	1 & 2 programs completed by 18/07/18		
2		2,3, 4	2,4
3	3 & 4 programs completed by 22/07/18		
4		1,3	2,4
5	5 program completed by 26/07/18	1,3	2,4
6	6 program completed by 29/07/18	1,3	2,4
7	7 program completed by 02/08/18	1,3	2,4
8	8 program completed by 16/08/18	1,3	2,4
9	9 program completed by 23/08/18	1,3	2,4
10	10 program completed by 30/08/18	1,3	2,4
11	11 & 12 program completed by 06/09/18	1,2	2,3
12		1,3	2,1,5
13	13 program completed by 13/09/18	1,3	2,1,5
14	14 programs completed by 27/09/18	1,3	2,1,5
15	15 programs completed by 11/10/18	2,3	1,2,3,6, 7

Signature of HOD Signature of faculty

Date: Date:

Note: After the completion of each unit mention the number of Objectives & Outcomes Achieved.

GOKARAJU RANGARAJU
INSTITUTE OF ENGINEERING AND TECHNOLOGY

Department of Electrical & Electronics Engineering

GUIDELINES TO STUDY THE COURSE/SUBJECT

Academic Year   : 2018-2019

Semester   : I

Name of the Program: EEE……… B.Tech …II/I….… Section: A,B

Course/Subject: Electrical Networks Lab……   Code: GR17A2038

Name of the Faculty: Y.Satyavani   Dept: …………..EEE…………

Designation: Assistant professor

Course Design and Delivery System (CDD):

- The Course syllabus is written into number of learning objectives and outcomes.
- These learning objectives and outcomes will be achieved through lectures, assessments, assignments, experiments in the laboratory, projects, seminars, presentations, etc.
- Every student will be given an assessment plan, criteria for assessment, scheme of evaluation and grading method.
- The Learning Process will be carried out through assessments of Knowledge, Skills and Attitude by various methods and the students will be given guidance to refer to the text books, reference books, journals, etc.

The faculty be able to –

- Understand the principles of Learning
- Understand the psychology of students
- Develop instructional objectives for a given topic
- Prepare course, unit and lesson plans
- Understand different methods of teaching and learning
- Use appropriate teaching and learning aids
- Plan and deliver lectures effectively
- Provide feedback to students using various methods of Assessments and tools of Evaluation
- Act as a guide, advisor, counselor, facilitator, motivator and not just as a teacher alone

Signature of HOD   Signature of faculty
Date: Date:

ILLUSTRATIVE VERBS FOR STATING INSTRUCTIONAL OBJECTIVES

These verbs can also be used while framing questions for Continuous Assessment Examinations as well as for End – Semester (final)Examinations

ILLUSTRATIVE VERBS FOR STATING GENERAL OBJECTIVES/OUTCOMES

Know	Understand	
		Design

ILLUSTRATIVE VERBS FOR STATING SPECIFIC OBJECTIVES/OUTCOMES:

A. COGNITIVE DOMAIN (KNOWLEDGE)

1	2	3	4	5	6
Knowledge	Comprehension Understanding	Application of knowledge & comprehension	Analysis Of whole w .r.t. its constituents	Synthesis	Evaluation Judgment
Define Identify	Convert Describe (a Procedure) Distinguish Explain why/how	Demonstrate Prepare Relate Show Solve	Differentiate Discriminate Distinguish Separate	Categorize Combine Design Generate Plan	Compare

B. AFFECTIVE DOMAIN (ATTITUDE)		C. PSYCHOMOTOR DOMAIN (SKILLS)				
Assist	Select	Bend	Dissect	Insert	Perform	Straighten
Change	Develop	Calibrate	Draw	Keep	Prepare	Strengthen
		Compress	Extend	Elongate	Remove	Time
		Conduct	Feed	Limit	Replace	Transfer
		Connect	File	Manipulate	Report	Type
		Convert	Grow	Move Precisely	Reset	Weigh
		Decrease	Increase	Paint	Set	