

Nirma University
Institute of Technology
Electrical Engineering Department

INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: **B.Tech Semester-I**

Duration: July – December 2019

COMPONENTS WEIGHTAGE																
SUBJECT								CONTINUOUS EVALUATION (CE)						LPW		
Subject Code	Subject Name	Course Coordinator	Faculty Involved	L	T	P	C	Class Test		Sessional Exam		Assignment *		No. of Practicals	Continuous Evaluation on WT	Term End Exam WT
								No.	WT	No.	WT	No.	WT			
2EE101	Elements of Electrical and Electronics Engineering	Dr. A. A. Nimje	Dr. A. A. Nimje Dr. P. Khetrapal Prof. A. B. Panwar Prof. J. N. Pathan Prof. T. Tailor Prof. A. Rajagopal	3	-	2	4	1	0.3	1	0.4	1	0.3	12	0.75	0.25 #
2EE102	Electrical Workshop	Dr. A. A. Nimje	All	-	-	2	1	-	-	-	-	-	-	11	0.75	0.25 #

* Assignments include poster, chart, model etc.

Circuit connections are expected during Term ^{end} exam for selected experiments,


Dr. A. A. Nimje
Course Coordinator (EEEE, EW)


02/08/2019
HOD-EE


Additional Director - SoE


Dean - FoTE


148

NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: B. Tech. Sem. III (EE)

Duration: July – December 2019

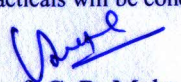
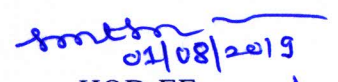
COMPONENTS WEIGHTAGE															
Course								CONTINUOUS EVALUATION (CE)					LPW		
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		WT	No.			
2EE301	Network Analysis and Synthesis	Prof. A. B. Panwar Prof. A. Rajagopal	Prof. A. B. Panwar	3	1	-	4	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE302	Signals and Systems	Prof. C. H. Raval Prof. S. L. Kakad	Prof. S. L. Kakad	2	1	-	3	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE303	Electromagnetic Field Theory	Prof. S. D. Godwal Prof. S. Shrivastava	Prof. S. Shrivastava	3	1	-	4	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE304	Analog and Digital Electronics	Prof. C. B. Bhatt Prof. A. N. Gupta	Prof. A. N. Gupta	3	-	-	3	01(A) 01 (C)	0.3	0.4	1	0.3	-	-	-
2EE305	Analog and Digital Electronics Laboratory	All	Prof. C. B. Bhatt	-	-	4	2	-	-	-	-	-	24	0.75	0.25
2SP301	Community Services	All	Prof. J. N. Pathan Prof. C. D. Patel	-	-	-	-	-	-	-	-	-	1.0 (0.4 Report, 0.6 Presentation)		
* A: Assignment, B: term paper, C: small circuit based design project, D: Moodle based online assignment															
 Prof. C. R. Mehta Faculty Advisor				 02/08/2019 HOD-EE				 Additional Director - SoE				 Dean - FoTE			

14/8

NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: B. Tech. Sem. III (EE) (old Scheme)

Duration: July – Dec. 2019

COMPONENTS WEIGHTAGE															
Course								CONTINUOUS EVALUATION (CE)					LPW		
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		No.	WT			
EE301	Analog Electronic Circuits	Prof. C. B. Bhatt Prof. J. N. Pathan Prof. Karri V. V. Satyanarayana	Prof. Karri V. V. Satyanarayana	3	-	2	4	1 (A) 1 (C)	0.3	0.4	1	0.3	12	0.75	0.25
EE302	Network Analysis and Synthesis	Prof. S. D. Godwal Prof. S. S. Shah	Prof. S. D. Godwal	3	-	2	4	2 (A)	0.3	0.4	1	0.3	12	0.75	0.25
EE303	Electrical Engineering Materials	Prof. S. N. Jani Prof. S. S. Shah	Prof. S. N. Jani	2	-	-	2	2 (A)	0.3	0.4	1	0.3	-	-	-
EE304	Electrical Transducers and Measurements	Prof. P. N. Kapil Prof. H. Z. Amrolia	Prof. P. N. Kapil	3	-	2	4	2 (A)	0.3	0.4	1	0.3	12	0.75	0.25
EE322 (ME)	Electrical Technology	Prof. S. S. Shah Prof. C. H. Raval	Prof. S. S. Shah	3	-	-	3	2 (A)	0.3	0.4	1	0.3	-	-	-
SS342	ICT Tools and Security	All Faculty	Prof. S. S. Shah	-	-	2	1	-	-	-	-	-	07**	0.75	0.25
SP343	Entrepreneurship	Dr. P. S. Vellala / Dr. Samir K. Mahajan	Dr. P. S. Vellala	1	-	-	-	2 (A)	1.0	-	-	-	-	-	-
EE321 (EC)	Network Analysis	Prof. T. Tailor Prof. J. N. Pathan Prof. C. D. Patel	Prof. T. Tailor	3	1	0	4	06 (A)	0.3	0.4	1	0.3	-	-	-
* A: Assignment, B: term paper, C: small circuit based design project, D: Moodle based online assignment ** 5 Practicals will be conducted by Electrical engg. & 2 Practicals will be conducted centrally by CSE Department															
 Prof. C. R. Mehta Faculty Advisor				 04/08/2019 HOD-EE				 Additional Director – SoE				 Dean - FoTE			

19/8

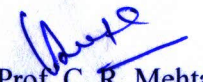
NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: B. Tech. Sem. III (EE) (D to D)

Duration: August – December 2019

COMPONENTS WEIGHTAGE															
Course								CONTINUOUS EVALUATION (CE)					LPW		
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		WT	No.			
2EE301	Network Analysis and Synthesis	Prof. U. A. Patel	Prof. A. B. Panwar	3	1	-	4	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE302	Signals and Systems	Prof. A. N. Gupta	Prof. S. L. Kakad	2	1	-	3	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE303	Electromagnetic Field Theory	Prof. Hormaz Amrolia Prof. S. Shrivastava	Prof. S. Shrivastava	3	1	-	4	06 (A)	0.3	0.4	1	0.3	-	-	-
2EE304	Analog and Digital Electronics	Prof. J. N. Pathan Prof. Karri V. V. Satyanarayana	Prof. A. N. Gupta	3	-	-	3	01(A) 01 (C)	0.3	0.4	1	0.3	-	-	-
2EE305	Analog and Digital Electronics Laboratory	All	Prof. C. B. Bhatt	-	-	4	2	-	-	-	-	-	24	0.75	0.25

* A: Assignment, B: term paper, C: small circuit based design project, D: Moodle based online assignment


 Prof. C. R. Mehta
 Faculty Advisor


 01/08/2019
 HOD-EE


 01/08/2019
 Additional Director –SoE


 15/10/2019
 Dean - FoTE


 14/8

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NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: B. Tech. Sem. V (EE)

Duration: July – December 2019

COMPONENTS WEIGHTAGE															
Course								CONTINUOUS EVALUATION (CE)					LPW		
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		No.	WT			
EE501	Analysis of Electrical Power System	Dr. K. Bhattacharjee Prof. C. D. Patel	Dr. K. Bhattacharjee	3	1	-	4	06	0.3	0.4	1	0.3	-	-	-
EE502	Rotating AC Machines	Prof. T. H. Panchal Prof. S. S. Shah	Prof. T. H. Panchal	3	-	2	4	01 (A)	0.3	0.4	1	0.3	12	0.75	0.25
EE503	High Voltage Engineering	Dr. S. C. Vora Prof. H. Z. Amroliya	Prof. H. Z. Amroliya	3	-	2	4	02 (B) (D)	0.3	0.4	1	0.3	12	0.75	0.25 @
EE504	Power Electronic Converters	Dr. S. K. Chauhan Prof. Karri V. V. Satyanarayana	Prof. Karri V. V. Satyanarayana	3	-	2	4	02 (A)	0.3	0.4	1	0.3	12	0.75	0.25
EE505	Utilization of Electric Power	Prof. S. N. Jani Prof. S. S. Shah	Prof. S. S. Shah	2	-	-	2	02 (A)	0.3	0.4	1	0.3	-	-	-
EE506	Microprocessor and Microcontroller	Prof. C. R. Mehta Prof. S. L. Kakad	Prof. C. R. Mehta	3	-	2	4	02 (A)	0.3	0.4	1	0.3	12	0.75	0.25
EE507	Mini Project – I	All Faculty	Prof. J. N. Pathan	-	-	2	1	-	-	-	-	-	-	0.50 #	0.50 #
SP501	Fractional Course	External Expert	Prof. A. B. Panwar	1	-	-	-	01	0.7	-	1	0.3	-	-	-
SS562	Law for Engineers	Prof. Urvashi Sharma	Prof. Urvashi Sharma	2	-	-	2	01	0.3	0.4	1	0.3	-	-	-

* A: Assignment, B: Term paper, C: Small circuit based design project, D: Simulation Analysis, E: Learning blog , @ Oral Viva

Mini Project-I	Continuous Evaluation (WT: 0.50 #)		Final Submission & Viva (WT : 0.50 #)
	Review I	Review II	50 %
	20%	30%	

Dr. M. T. Shah
Faculty Advisor

HOD-EE

Additional Director –SoE

Dean - FoTE

NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: B. Tech. Sem. VII (EE)

Duration: : July – December 2019

COMPONENTS WEIGHTAGE															
Course								CONTINUOUS EVALUATION (CE)					LPW		
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		WT	No.			
EE701	Electrical Machine Design	Prof. A. N. Patel Prof. T. H. Panchal	Prof. A. N. Patel	3	-	2	4	1 (A)	0.3	0.4	01	0.3	06 [03SB + 03DS]	0.75	0.25 @
EE702	Digital Signal Processors for Electrical Engineering	Dr. M. T. Shah	Dr. M. T. Shah	2	-	2	3	1 (A)	0.3	0.4	01	0.3	08	0.75	0.25
EE703	Power System Protection and Switchgear	Prof. U. A. Patel Prof. S. S. Kanojia	Prof. S. S. Kanojia	3	-	2	4	2 (A)	0.3	0.4	01	0.3	12	0.75	0.25
EE704	Minor Project	All Faculty Members	Prof. A. B. Panwar	-	-	4	2	-	-	-	-	-	-	# 0.50	\$ 0.50

* A: Assignment, B: Term paper, C: Small circuit based design project, D: Simulation Analysis, E: Learning blog

@ Oral viva

Minor Project	Continuous Evaluation WT: 0.50 #		Final Submission & Viva WT : 0.50 \$
	Review I	Review II	50 %
	20%	30%	

P.T.O.

Departmental Elective – III

Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam	Class Test		No. of Practical	Conti. Assessment	Term End Exam
								No.	WT		No.	WT		WT	WT
EE713	Applications of Power Electronics in Power System	Prof. C. B. Bhatt Prof. C. H. Raval	Prof. C. H. Raval	2	-	2	3	2 (A) 1 (B)	0.3	0.4	01	0.3	10	0.75	0.25
EE723	Design of Permanent Magnet Brushless and Reluctance Motors	Prof. A. N. Patel	Prof. A. N. Patel	2	-	2	3	2 (A)	0.3	0.4	01	0.3	06	0.75	0.25
EE733	Computer Techniques in Power System	Dr. A. A. Nimje Prof. C. D. Patel	Prof. C. D. Patel	2	-	2	3	1 (A) 1 (D)	0.3	0.4	01	0.3	10	0.75	0.25

Departmental Elective – IV

EE724	Control of Electric Drives	Prof. P. N. Kapil Prof. S. N. Jani	Prof. P. N. Kapil	3	-	-	3	1 (B) 1 (D)	0.3	0.4	01	0.3	-	-	-
EE734	Advanced Electrical Power System	Prof. C. R. Mehta Prof. T. Tailor	Prof. T. Tailor	3	-	-	3	2 (A)	0.3	0.4	01	0.3	-	-	-
EE744	Electric Vehicles	Dr. S. K. Chauhan Prof. P. N. Kapil	Dr. S. K. Chauhan	3	-	-	3	1 (A) 1 (D)	0.3	0.4	01	0.3	-	-	-

Prof. A. N. Patel
Faculty Advisor

HOD-EE

Additional Director – SoE

Dean - FoTE

14/8

Nirma University, Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: **M.Tech. Semester-I, Electrical Engineering (Electrical Power Systems)**

Duration: July-December 2019

COMPONENTS WEIGHTAGE																
SUBJECT								CONTINUES EVALUATION (CE)						LPW		
Course Code	Course Name	Course Co-ordinator	Faculty Involved	L	T	P	C	Assignment		Quiz / Term Paper		Class Test	Sessional Exam	No. of Practical	WT	Term End Exam WT
								No.	WT	No.	WT					
3EE2109	Power System Dynamics	Dr. S. C. Vora	Dr. S. C. Vora	3	-	-	3	03	0.20	01	0.10	0.30	0.40	--	--	--
3EE2110	Power System Analysis	Dr. K. Bhattacharjee	Dr. K. Bhattacharjee	3	-	2	4	03	0.20	01	0.10	0.30	0.40	08	0.75	0.25
3EE2111	Power Electronics in Power System	Dr. S. K. Chauhan	Dr. P. N. Tekwani	3	-	2	4	03	0.20	01	0.10	0.30	0.40	08	0.75	0.25
3EE2112	Renewable Energy Technology	Prof. C. B. Bhatt	Prof. C. B. Bhatt	3	-	2	4	03	0.20	01	0.10	0.30	0.40	08	0.75	0.25
3EE2113	Protective Relaying and Switchgear	Prof. S. Godwal	Prof. S. Godwal	3	-	2	4	03	0.20	01	0.10	0.30	0.40	08	0.75	0.25
3SP1101	Communication Skills and Technical Writing	Dr. Ratna Rao	Dr. Ratna Rao	-	1	-	-	03	1.00	-	-	-	-	-	-	-

Semester and Branch: **M.Tech. Semester-III, Electrical Engineering (Electrical Power Systems)**

Duration: July-December 2019

Course					
3SP1301: Practical Training	COMPONENT WEIGHTAGE : LPW 1.0				
3EE2301: Major Project Part-I (Full Time)	COMPONENT WEIGHTAGE : LPW 1.0				
Credits: 15	<table> <tr> <th>Interim Presentation / VIVA</th><th>Final Presentation / VIVA</th></tr> <tr> <td>0.40</td><td>0.60</td></tr> </table>	Interim Presentation / VIVA	Final Presentation / VIVA	0.40	0.60
Interim Presentation / VIVA	Final Presentation / VIVA				
0.40	0.60				

L : Lecture, T: Tutorial, C: Credits, WT: Weightage


04/08/2019
Dr. S. C. Vora
PG Coordinator (EPS)-EE


04/08/2019
HOD-EE


Additional Director - SoE

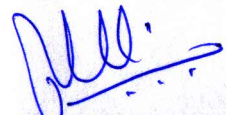

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14/8

Nirma University, Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

Semester and Branch: M.Tech. Semester-III, Electrical Engineering (Power Electronics, Machines & Drives)		Duration: July-December 2019	
Course			
3SP1301: Practical Training	COMPONENT WEIGHTAGE : LPW 1.0		
3EE1302: Major Project Part-I (Full Time) Credits: 15	COMPONENT WEIGHTAGE : LPW 1.0		
	Interim Presentation / VIVA		Final Presentation / VIVA
	0.40		0.60

L : Lecture, T: Tutorial, C: Credits, WT: Weightage


 Dr. P. N. Tekwani
 PG Coordinator (PEMD)-EE


 HOD-EE


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 Additional Director -SoE


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