

Nirma University
Institute of Technology
Electrical Engineering Department

INTERSE WEIGHTAGE (Continuous Evaluation)

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

Duration: January – May 2020

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	Continu ous Evaluati 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. K. Bhattacharjee Dr. P. Khetrapal Dr. T. Tailor Prof. J. N. Pathan 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 Faculty Members	-	-	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)



HOD-EE



Additional Director - SoE



Dean - FoTE

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20/1/2020


Nirma University
Institute of Technology
Electrical Engineering Department

INTERSE WEIGHTAGE

Semester and Branch: **B.Tech. in Electrical Engineering, Semester-II**

Duration: January – May 2020

COMPONENTS WEIGHTAGE																
SUBJECT								CONTINUOUS EVALUATION (CE)						LPW		
Subject Code	Subject Name	Course Coordinator	Faculty Involved	L	T	P	C	Activity -1		Activity -2		Activity -3		No. of Practicals	Continu ous Evaluati on WT	Term End Exam WT
								No.	WT	No.	WT	No.	WT			
2EE201	Introduction to Electrical Engineering	Prof. C. B. Bhatt	Prof. C. B. Bhatt Prof. C. D. Patel	1	-	-	1	1	0.3	1	0.4	1	0.3	--	--	--


 Prof. C. B. Bhatt
 Course Coordinator


 HOD-EE


 Additional Director – SoE


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NIRMA UNIVERSITY
Institute of Technology
INTERSE WEIGHTAGE (Continuous Evaluation)

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

Duration: January – May 2020

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	No.	WT			
2EE401	Control Systems Engineering	Prof. U. A. Patel	Prof. A. B. Panwar	2	-	2	3	2 (A)	0.3	1	0.4	1	0.3	12	0.75	0.25
2EE402	Electrical Measurements and Transducers	Prof. P.N. Kapil Prof. A. N. Gupta	Prof. A. N. Gupta	2	-	2	3	2 (A)	0.3	1	0.4	1	0.3	12	0.75	0.25
2EE403	Fundamentals of Power System	Prof. S. Shrivastava Prof. D. Shah	Prof. S. Shrivastava	3	1	-	4	6 (A)	0.3	1	0.4	1	0.3	-	-	-
2EE404	Transformers and DC Machines	Prof. T. H. Panchal Prof. H. Z. Amroliya	Prof. T. H. Panchal	3	-	2	4	2 (A)	0.3	1	0.4	1	0.3	10	0.75	0.25
2EE405	Power Electronic Converters and Applications	Dr. S. K. Chauhan Dr. M. T. Shah	Dr. S. K. Chauhan	3	-	-	3	2 (A)	0.3	1	0.4	1	0.3	-	-	-
2EE406	Power Electronics Laboratory	All Faculty Members	Dr. S. K. Chauhan	-	-	4	2	-	-	-	-	-	-	24	0.75	0.25

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

Mehta
16/11/2020
Prof. C. R. Mehta
Faculty Advisor

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20/1/2020

NIRMA UNIVERSITY
Institute of Technology
Electrical Engineering Department
INTERSE WEIGHTAGE


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

Duration: January – May 2020

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	No.	WT			
EE401	Fundamentals of Electrical Power System	Dr. T. K. Tailor	Prof. S. Shrivastava	3	-	-	3	02 (A)	0.3	01	0.4	01	0.3	-	-	-
EE402	DC Machines and Transformers	Prof. H. Z. Amroliya	Prof. T. H. Panchal	3	-	2	4	02 (A)	0.3	01	0.4	01	0.3	10	0.75	0.25
EE403	Digital Electronic Circuits	Prof. C. R. Mehta Prof. A. N. Gupta	Prof. C. R. Mehta	3	-	2	4	02 (A)	0.3	01	0.4	01	0.3	12	0.75	0.25
EE404	Fundamentals of Power Electronics	Dr. M. T. Shah Prof. C. B. Bhatt	Dr. M. T. Shah	3	-	2	4	02 (A)	0.3	01	0.4	01	0.3	12	0.75	0.25
EE405	Control System Engineering	Prof. A. B. Panwar Prof. Darshit Shah	Prof. A. B. Panwar	3	1	-	4	06 (A)	0.3	01	0.4	01	0.3	-	-	-
EE406	Engineering Electromagnetics	Prof. S. D. Godwal Prof. S. Shrivastava	Prof. S. D. Godwal	3	1	-	4	06 (A)	0.3	01	0.4	01	0.3	-	-	-
EE407	Seminar **	All Faculty Members	Prof. A. N. Gupta	-	-	1	1	-	-	-	-	-	-	-	1.0	-
EE421 [EC]	Electrical Machines and Drives	Prof. S. S. Shah Prof. A. Rajagopal	Prof. S. S. Shah	3	-	2	4	02 (A)	0.3	01	0.4	01	0.3	11	0.75	0.25
EE422 [IC]	Applied Electrical Technology	Prof. P. N. Kapil Prof. S. N. Jani	Prof. P. N. Kapil	3	-	2	4	02 (A)	0.3	01	0.4	01	0.3	12	0.75	0.25
SP344	Community Services	Prof. J. N. Pathan Prof. C. D. Patel	Prof. J. N. Pathan	-	-	-	-	-	-	-	-	-	-	-	1.0	-

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

** Three reviews will be conducted during the semester.


 Prof. C. R. Mehta
 Faculty Advisor


 HOD-EE


 Additional Director –SoE


 Dean - FoTE


 20/1/2020

NIRMA UNIVERSITY
Institute of Technology
Electrical Engineering Department
INTERSE WEIGHTAGE

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

Duration: January – May 2020


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. Assesment	Term End Exam
								No.	WT	No.	WT	No.	WT			
EE601	Power System Operation and Control	Prof. S. S. Kanojia Prof. A. B. Panwar	Prof. S. S. Kanojia	3	1	2	5	04 (A)	0.3	01	0.4	01	0.3	12	0.75	0.25
EE602	Electrical Drives and Traction Systems	Prof. C. H. Raval Prof. V. V. Satyanarayana	Prof. V. V. Satyanarayana	3	-	2	4	1 (A) 1 (D)	0.3	01	0.4	01	0.3	12	0.75	0.25
EE603	Testing, Commissioning and Maintenance of Electrical Equipment	Prof. S. N. Jani Prof. S. S. Shah	Prof. S. N. Jani	2	-	2	3	2 (A)	0.3	01	0.4	01	0.3	12	0.75	0.25
SP601	Capstone Course	Prof. S. N. Jani Prof. Samyak Shah	Prof. P. N. Kapil	1	-	-	-	2 (A)	0.7	-	-	01	0.3	-	-	-
EE604	Mini Project – II	All Faculty Members	Prof. J. N. Pathan	-	-	2	1	-	-	-	-	-	-	-	0.50 #	0.50 #

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

P.T.O.


Departmental Elective – I																
Course Code	Course Name	Faculty Involved	Course Coordinator	L	T	P	C	Assignment *		Sessional Exam		Class Test		No. of Practical	Conti. Assesment	Term End Exam
								No.	WT	No.	WT	No.	WT			
EE611	Electronic System Design	Prof. C. H. Raval	Prof. C. H. Raval	2	-	2	3	2 (A)	0.3	01	0.4	01	0.3	05	0.75	0.25
EE621	Permanent Magnet Brushless and Reluctance Motors	Prof. A. N. Patel	Prof. A. N. Patel	2	-	2	3	1 (A) 1 (B)	0.3	01	0.4	01	0.3	10	0.75	0.25
EE631	Renewable Energy Sources	Prof. C. B. Bhatt	Prof. C. B. Bhatt	2	-	2	3	1 (A) 1 (B)	0.3	01	0.4	01	0.3	12	0.75	0.25
EE641	Advanced Microprocessors and Microcontrollers	Prof. Santosh Kakad	Prof. Santosh Kakad	2	-	2	3	2 (F)	0.3	01	0.4	01	0.3	10	0.75	0.25
Departmental Elective – II																
EE612	Signals and Systems	Prof. Santosh Kakad	Prof. Santosh Kakad	3	-	-	3	1 (D) 1 (F)	0.3	01	0.4	01	0.3	-	-	-
EE622	Dynamics and Modelling of Electrical Machines	Prof. A. N. Patel Prof. T. H. Panchal	Prof. T. H. Panchal	3	-	-	3	1 (A) 1 (B)	0.3	01	0.4	01	0.3	-	-	-
EE632	Extra High Voltage Transmission	Prof. C. D. Patel	Prof. C. D. Patel	3	-	-	3	2 (A)	0.3	01	0.4	01	0.3	-	-	-

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


Dr. M. T. Shah
Faculty Advisor


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20/1/2020

NIRMA UNIVERSITY
Institute of Technology
Electrical Engineering Department

INTERSE WEIGHTAGE


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

Duration: January-May 2020

COMPONENTS WEIGHTAGE										
Course								LPW		
Course Code	Course Name	Course Coordinator	Faculty Involved	L	T	P	C	Particulars	Interim Reviews	Final Review / Presentation
									WT	WT
EE801	Major Project (Full-Time)	Prof. T. H. Panchal Prof. A. B. Panwar	ALL	-	-	30	21	A project to an individual / pair of students based on design and fabrication work or simulation of problem on computer	0.40 *	0.60

* Interim Reviews

Review I	Review II
20%	20%


 Prof. A. N. Patel
 Faculty Advisor


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 20/1/2020

Nirma University, Institute of Technology

Inter-se Weightage

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

Duration: **January-May 2020**

COMPONENTS WEIGHTAGE


SUBJECT				CONTINUOUS EVALUATION (CE)										LPW		
Course Code	Course Name	Course Coordinator	Faculty Involved	L	T	P	C	Assignment		Quiz / Term Paper		Class Test	Sessional Exam	No. of experiments	WT	Term End Exam WT
								No.	WT	No.	WT	WT	WT			
3EE2210	Power System Stability and Control	Prof. S. Godwal	Prof. S. Godwal	3	-	2	4	03	0.20	01	0.10	0.3	0.4	08	0.75	0.25
3EE22D102	Advances in High Voltage Engineering	Dr. S. C. Vora	Dr. S. C. Vora	3	-	2	4	03	0.20	01	0.10	0.3	0.4	10	0.75	0.25
3EE22D103	Applications of AI and Optimization in Power Systems	Dr. K. Bhattacharjee	Dr. K. Bhattacharjee	3	-	2	4	03	0.20	01	0.10	0.3	0.4	08	0.75	0.25
3EE22D201	Electrical Distribution Systems	Dr. A. A. Nimje	Dr. A. A. Nimje	3	-	-	3	03	0.30	-	-	0.3	0.4	-	-	-
3EE22D203	Distributed Power Generation	Dr. P. Khetrapal	Dr. P. Khetrapal	3	-	-	3	03	0.30	-	-	0.3	0.4	-	-	-
3EE22D301	Substation Engineering	Prof. C. R. Mehta	Prof. C. R. Mehta	3	-	-	3	03	0.30	-	-	0.3	0.4	-	-	-
3EE22D302	Smart Grid Technologies	Prof. S. S. Kanojia	Prof. S. S. Kanojia	3	-	-	3	02	0.20	01	0.10	0.3	0.4	-	-	-
3SS1201	Research Methodology and IPR	Dr. S. C. Vora	Prof. S. S. Kanojia	2	-	-	2	03	0.30	01	0.40	0.3	-	-	-	-
3EE2211	Minor Project *	Prof. C. R. Mehta	All Faculty Members	-	-	10	5	-	-	-	-	-	-	-	1.0 *	-

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

Duration: **January-May 2020**


Course	COMPONENT WEIGHTAGE : LPW 1.0	
	Interim Presentation / VIVA	Final Presentation / VIVA
3EE2401: Major Project Part-II (Full Time)	0.40	0.60

* Three reviews (Review-I 0.2 WT, Review-II 0.3 WT &, Review-III 0.5 WT) will be conducted during the semester.


Dr. S. C. Vora
PG Coordinator (EPS)-EE


HOD-EE



Additional Director -SoE


Dean - FoTE


29/1/2020

Nirma University, Institute of Technology
Inter-se Weightage

Semester and Branch: M.Tech. in Electrical Engineering (Power Electronics, Machines & Drives), Semester-IV Duration: January-May 2020		
Subject	COMPONENT WEIGHTAGE : LPW 1.0	
	Interim Presentation / VIVA	Final Presentation / VIVA
3EE1402: Major Project Part-II (Full Time)	0.40	0.60


Dr. S. K. Chauhan
Faculty Advisor


HOD-EE


20/1/2020


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