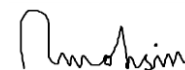


Prospectus-2018 (Batch-2018)**Fall Semester -2018**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-123	Basic Electrical Engineering	2	0	2	Civil	Page .26
EE-123	Basic Electrical Engineering	2	0	2	Urban	Page .27
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .29
EE-122	Basic Electricity & Electronics	3	0	3	Industrial & Manf.	Page .32
EE-120	Basic Electrical Engineering	3	1	4	Electrical	Page .34
EE-264	Data Structures & Algorithms	2	1	3	Electrical	Page .34
EE-343	Electrical Machines	3	1	4	Electrical	Page .34
EE-394	Digital Signal Processing	2	1	3	Electrical	Page .34
EE-358	Electrical Power System Distribution	3	1	4	Electrical	Page .34
EE-457	Electrical Power System Protection	3	1	4	Electrical	Page .34
EE-411	Power Generation	3	0	3	Electrical	Page .34
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .34
EE-120	Basic Electrical Engineering	3	1	4	Computer Systems Engineering	Page .35
EE-217	Circuit Theory	2	0	2	Computer Systems Engineering	Page .35
EE-120	Basic Electrical Engineering	3	1	4	Electronic	Page .36
EE-382	Electromagnetic Fields	2	0	2	Electronic	Page .36
EE-120	Basic Electrical Engineering	3	1	4	Telecommunications	Page .37
EE-382	Electromagnetic Fields	2	0	2	Telecommunications	Page .37
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .37
EE-217	Circuit Theory	2	0	2	Biomedical Engineering	Page .43
EE-493	Digital Signal Processing	3	1	4	Biomedical Engineering	Page .43

Spring Semester -2018

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-124	Basic Electricity & Electronics	3	0	3	Mechanical	Page .30
EE-373	Machine Control System	3	1	4	Mechanical	Page .30
EE-122	Basic Electricity & Electronics	3	0	3	Textile	Page .31
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .33
EE-156	Engineering Drawing	0	2	2	Electrical	Page .34
EE-121	Circuit Analysis	3	1	4	Electrical	Page .34
EE-163	Computer & Programming	3	1	4	Electrical	Page .34
EE-382	Electromagnetic Fields	2	0	2	Electrical	Page .34
EE-223	Instrumentation & Measurement	2	1	3	Electrical	Page .34
EE-231	Signal & Systems	3	1	4	Electrical	Page .34
EE-361	Power System Analysis	3	1	4	Electrical	Page .34
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .34
EE-374	Feedback Control Systems	3	1	4	Electrical	Page .34
EE-412	Alternate Energy Systems	3	0	3	Electrical	Page .34
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .34
EE-121	Circuit Analysis	3	1	4	Electronic	Page .36
EE-223	Instrumentation & Measurement	2	1	3	Electronic	Page .36
EE-246	Electrical Machines	2	1	3	Electronic	Page .36
EE-374	Feedback Control Systems	3	1	4	Electronic	Page .36
EE-121	Circuit Analysis	3	1	4	Telecommunications	Page .37
EE-223	Instrumentation & Measurement	2	1	3	Telecommunications	Page .37
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Chemical	Page .39
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .40
EE-221	Instrumentation	3	1	4	Metallurgical	Page .40
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .41
EE-119	Fundamentals of Electrical Engineering	3	1	4	Biomedical Engineering	Page .43
EE-119	Fundamentals of Electrical Engineering	3	1	4	Industrial Chemistry	Page .51



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor -EED)

Prospectus-2017 (Batch-2017)**Fall Semester 2017-2018**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-124	Basic Electricity & Electronics	3	0	3	Mechanical	Page .30
EE-373	Machine Control System	3	1	4	Mechanical	Page .30
EE-122	Basic Electricity & Electronics	3	0	3	Textile	Page .31
EE-122	Basic Electricity & Electronics	3	0	3	Industrial & Manf.	Page .32
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .33
EE-156	Engineering Drawing	0	2	2	Electrical	Page .34
EE-121	Circuit Analysis	3	1	4	Electrical	Page .34
EE-163	Computer & Programming	3	1	4	Electrical	Page .34
EE-382	Electromagnetic Fields	2	0	2	Electrical	Page .34
EE-223	Instrumentation & Measurement	2	1	3	Electrical	Page .34
EE-231	Signal & Systems	3	1	4	Electrical	Page .34
EE-361	Power System Analysis	3	1	4	Electrical	Page .34
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .34
EE-374	Feedback Control Systems	3	1	4	Electrical	Page .34
EE-412	Alternate Energy Systems	3	0	3	Electrical	Page .34
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .34
EE-121	Circuit Analysis	3	1	4	Electronic	Page .36
EE-223	Instrumentation & Measurement	2	1	3	Electronic	Page .36
EE-246	Electrical Machines	2	1	3	Electronic	Page .36
EE-374	Feedback Control Systems	3	1	4	Electronic	Page .36
EE-121	Circuit Analysis	3	1	4	Telecommunications	Page .37
EE-223	Instrumentation & Measurement	2	1	3	Telecommunications	Page .37
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Chemical	Page .39
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .40
EE-221	Instrumentation	3	1	4	Metallurgical	Page .40
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .41
EE-119	Fundamentals of Electrical Engineering	3	1	4	Biomedical Engineering	Page .43
EE-119	Fundamentals of Electrical Engineering	3	1	4	Industrial Chemistry	Page .51

Spring Semester -2017-2018

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-123	Basic Electrical Engineering	2	0	2	Civil	Page .26
EE-123	Basic Electrical Engineering	2	0	2	Urban	Page .27
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .29
EE-120	Basic Electrical Engineering	3	1	4	Electrical	Page .34
EE-264	Data Structures & Algorithms	2	1	3	Electrical	Page .34
EE-343	Electrical Machines	3	1	4	Electrical	Page .34
EE-394	Digital Signal Processing	2	1	3	Electrical	Page .34
EE-358	Electrical Power System Distribution	3	1	4	Electrical	Page .34
EE-457	Electrical Power System Protection	3	1	4	Electrical	Page .34
EE-411	Power Generation	3	0	3	Electrical	Page .34
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .34
EE-120	Basic Electrical Engineering	3	1	4	Computer Systems Engineering	Page .35
EE-217	Circuit Theory	2	0	2	Computer Systems Engineering	Page .35
EE-120	Basic Electrical Engineering	3	1	4	Electronic	Page .36
EE-382	Electromagnetic Fields	2	0	2	Electronic	Page .36
EE-120	Basic Electrical Engineering	3	1	4	Telecommunications	Page .37
EE-382	Electromagnetic Fields	2	0	2	Telecommunications	Page .37
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .37
EE-217	Circuit Theory	2	0	2	Biomedical Engineering	Page .43
EE-493	Digital Signal Processing	3	1	4	Biomedical Engineering	Page .43



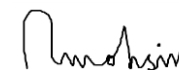
Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

Prospectus-2016 -2017 (Batch 2016-2017)**Spring Semester-2016-2017**

Course Code	Course Title	Credit Hourse			Course Offered in Department	Prospectus Reference
		Th.	Pr.	Total		
EE-123	Basic Electrical Engineering	2	0	2	Civil	Page .24
EE-123	Basic Electrical Engineering	2	0	2	Urban	Page .25
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .26
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .27
EE-120	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-264	Data Structures & Algorithms	2	1	3	Electrical	Page .32
EE-343	Electrical Machines	3	1	4	Electrical	Page .32
EE-394	Digital Signal Processing	2	1	3	Electrical	Page .32
EE-358	Electrical Power System Distribution	3	1	4	Electrical	Page .32
EE-457	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-411	Power Generation	3	0	3	Electrical	Page .32
EE-401	Electrial Engineering Project	0	0	0	Electrical	Page .32
EE-120	Basic Electrical Engineering	3	1	4	Computer Systems Engineering	Page .33
EE-217	Circuit Theory	2	0	2	Computer Systems Engineering	Page .33
EE-120	Basic Electrical Engineering	3	1	4	Electronic	Page .34
EE-382	Electromagnetic Fields	2	0	2	Electronic	Page .34
EE-120	Basic Electrical Engineering	3	1	4	Telecommunications	Page .35
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .35
EE-382	Electromagnetic Fields	2	0	2	Telecommunications	Page .35
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .36
EE-217	Circuit Theory	2	0	2	Biomedical Engineering	Page .41
EE-493	Digital Signal Processing	3	1	4	Biomedical Engineering	Page .41

Fall Semester-2016-2017

Course Code	Course Title	Credit Hourse			Course Offered in Department	Prospectus Reference
		Th.	Pr.	Total		
EE-122	Basic Electricity & Electronics	3	0	3	Mechanical	Page .28
EE-373	Machine Control System	3	1	4	Mechanical	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Textile	Page .29
EE-122	Basic Electricity & Electronics	3	0	3	Textile	Page .29
EE-344	Electrical Drives	3	1	4	Textile	Page .29
EE-122	Basic Electricity & Electronics	3	0	3	Industrial & Manf.	Page .30
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .31
EE-156	Engineering Drawing	0	2	2	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electrical	Page .32
EE-163	Computer & Programming	3	1	4	Electrical	Page .32
EE-382	Electromagnetic Fields	2	0	2	Electrical	Page .32
EE-223	Instrumentation & Measurement	2	1	3	Electrical	Page .32
EE-231	Signal & Systems	3	1	4	Electrical	Page .32
EE-361	Power System Analysis	3	1	4	Electrical	Page .32
EE-351	Electrial Power Transmission	3	0	3	Electrical	Page .32
EE-374	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-412	Altemate Energy Systems	3	0	3	Electrical	Page .32
EE-401	Electrial Engineering Project	0	6	6	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electronic	Page .34
EE-223	Instrumentation & Measurement	2	1	3	Electronic	Page .34
EE-246	Electrical Machines	2	1	3	Electronic	Page .34
EE-121	Circuit Analysis	3	1	4	Telecommunications	Page .35
EE-223	Instrumentation & Measurement	2	1	3	Telecommunications	Page .35
EE-116	Principles of Electrical Engineering	3	1	4	Chemical	Page .37
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .38
EE-221	Instrumentation	3	1	4	Metallurgical	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .39
EE-119	Fundamentals of Electrical Engineering	3	1	4	Biomedical Engineering	Page .41
EE-119	Fundamentals of Electrical Engineering	3	1	4	Industrial Chemistry	Page .49



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

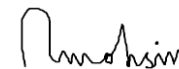
Prospectus-2016 (Batch 2015-2016)

Spring Semester-2016-2017

Course Code	Course Title	Credit Hourse			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-123	Basic Electrical Engineering	2	0	2	Civil	Page .24
EE-123	Basic Electrical Engineering	2	0	2	Urban	Page .25
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .26
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .27
EE-120	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-264	Data Structures & Algorithms	2	1	3	Electrical	Page .32
EE-343	Electrical Machines	3	1	4	Electrical	Page .32
EE-394	Digital Signal Processing	2	1	3	Electrical	Page .32
EE-358	Electrical Power System Distribution	3	1	4	Electrical	Page .32
EE-457	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-411	Power Generation	3	0	3	Electrical	Page .32
EE-401	Electrial Engineering Project	0	0	0	Electrical	Page .32
EE-120	Basic Electrical Engineering	3	1	4	Computer Systems Engineering	Page .33
EE-217	Circuit Theory	2	0	2	Computer Systems Engineering	Page .33
EE-120	Basic Electrical Engineering	3	1	4	Electronic	Page .34
EE-382	Electromagnetic Fields	2	0	2	Electronic	Page .34
EE-120	Basic Electrical Engineering	3	1	4	Telecommunications	Page .35
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .35
EE-382	Electromagnetic Fields	2	0	2	Telecommunications	Page .35
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .36
EE-217	Circuit Theory	2	0	2	Biomedical Engineering	Page .41
EE-493	Digital Signal Processing	3	1	4	Biomedical Engineering	Page .41

Fall Semester-2016-2017

Course Code	Course Title	Credit Hourse			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-122	Basic Electricity & Electronics	3	0	3	Mechanical	Page .28
EE-373	Machine Control System	3	1	4	Mechanical	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Textile	Page .29
EE-122	Basic Electricity & Electronics	3	0	3	Textile	Page .29
EE-344	Electrical Drives	3	1	4	Textile	Page .29
EE-116	Principles of Electrical Engineering	3	1	4	Industrial & Manf.	Page .30
EE-373	Machine Control System	3	1	4	Industrial & Manf.	Page .30
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .31
EE-156	Engineering Drawing	0	2	2	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electrical	Page .32
EE-163	Computer & Programming	3	1	4	Electrical	Page .32
EE-382	Electromagnetic Fields	2	0	2	Electrical	Page .32
EE-223	Instrumentation & Measurement	2	1	3	Electrical	Page .32
EE-231	Signal & Systems	3	1	4	Electrical	Page .32
EE-361	Power System Analysis	3	1	4	Electrical	Page .32
EE-351	Electrial Power Transmission	3	0	3	Electrical	Page .32
EE-374	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-412	Alternate Energy Systems	3	0	3	Electrical	Page .32
EE-401	Electrial Engineering Project	0	6	6	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electronic	Page .34
EE-223	Instrumentation & Measurement	2	1	3	Electronic	Page .34
EE-246	Electrical Machines	2	1	3	Electronic	Page .34
EE-121	Circuit Analysis	3	1	4	Telecommunications	Page .35
EE-223	Instrumentation & Measurement	2	1	3	Telecommunications	Page .35
EE-116	Principles of Electrical Engineering	3	1	4	Chemical	Page .37
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .38
EE-221	Instrumentation	3	1	4	Metallurgical	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .39
EE-119	Fundamentals of Electrical Engineering	3	1	4	Software Engineering	Page .40
EE-119	Fundamentals of Electrical Engineering	3	1	4	Biomedical Engineering	Page .41
EE-115	Electrical Technology Fundamentals	3	1	4	Computer Science & Inf. Tech	Page .46
EE-119	Fundamentals of Electrical Engineering	3	1	4	Industrial Chemistry	Page .49



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

Prospectus-2015 (Batch 2014-2015)**Spring Semester-2014-2015**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-116	Principles of Electrical Engineering	3	1	4	Civil	Page .24
EE-116	Principles of Electrical Engineering	3	1	4	Urban	Page .25
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .26
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .27
EE-120	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-264	Data Structures & Algorithms	2	1	3	Electrical	Page .32
EE-343	Electrical Machines	3	1	4	Electrical	Page .32
EE-394	Digital Signal Processing	2	1	3	Electrical	Page .32
EE-358	Electrical Power System Distribution	3	1	4	Electrical	Page .32
EE-457	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-411	Power Generation	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .32
EE-120	Basic Electrical Engineering	3	1	4	Computer Systems	Page .33
EE-217	Circuit Theory	2	0	2	Computer Systems	Page .33
EE-120	Basic Electrical Engineering	3	1	4	Electronic	Page .34
EE-382	Electromagnetic Fields	2	0	2	Electronic	Page .34
EE-120	Basic Electrical Engineering	3	1	4	Telecommunications	Page .35
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .35
EE-382	Electromagnetic Fields	2	0	2	Telecommunications	Page .35
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .36
EE-217	Circuit Theory	2	0	2	Bio-Medical Engineering	Page .41
EE-493	Digital Signal Processing	3	1	4	Bio-Medical Engineering	Page .41

Fall Semester-2014-2015

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-116	Principles of Electrical Engineering	3	1	4	Mechanical	Page .28
EE-373	Machine Control System	3	1	4	Mechanical	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Textile	Page .29
EE-344	Electrical Drives	3	1	4	Textile	Page .29
EE-116	Principles of Electrical Engineering	3	1	4	Industrial & Manf.	Page .30
EE-373	Machine Control System	3	1	4	Industrial & Manf.	Page .30
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .31
EE-373	Machine Control Systems	3	1	4	Automotive	Page .31
EE-156	Engineering Drawing	0	2	2	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electrical	Page .32
EE-163	Computer & Programming	3	1	4	Electrical	Page .32
EE-382	Electromagnetic Fields	2	0	2	Electrical	Page .32
EE-223	Instrumentation & Measurement	2	1	3	Electrical	Page .32
EE-231	Signal & Systems	3	1	4	Electrical	Page .32
EE-361	Power System Analysis	3	1	4	Electrical	Page .32
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .32
EE-374	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-412	Alternate Energy Systems	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .32
EE-121	Circuit Analysis	3	1	4	Electronic	Page .34
EE-223	Instrumentation & Measurement	2	1	3	Electronic	Page .34
EE-246	Electrical Machines	2	1	3	Electronic	Page .34
EE-121	Circuit Analysis	3	1	4	Telecommunications	Page .35
EE-223	Instrumentation & Measurement	2	1	3	Telecommunications	Page .35
EE-116	Principles of Electrical Engineering	3	1	4	Chemical	Page .37
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .38
EE-221	Instrumentation	3	1	4	Metallurgical	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .39
EE-119	Fundamentals of Electrical Engineering	3	1	4	Software Engineering	Page .40
EE-119	Fundamentals of Electrical Engineering	3	1	4	Biomedical	Page .41
EE-115	Electrical Technology Fundamentals	3	1	4	Computer Science & Inf. Tech	Page .46
EE-119	Fundamentals of Electrical Engineering	3	1	4	Industrial Chemistry	Page .49



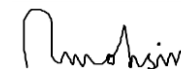
Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

Prospectus-2014 (Batch 2013-2014)**Spring Semester-2013-2014**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-116	Principles of Electrical Engineering	3	1	4	Civil	Page .24
EE-116	Principles of Electrical Engineering	3	1	4	Urban	Page .25
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .26
EE-116	Principles of Electrical Engineering	3	1	4	Construction	Page .27
EE-113	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-211	Circuit Theory-I	3	1	4	Electrical	Page .32
EE-221	Instrumentation	3	1	4	Electrical	Page .32
EE-241	Electrical Machines-I	3	1	4	Electrical	Page .32
EE-312	Circuit Theory-II	3	1	4	Electrical	Page .32
EE-315	Electric Filters	3	1	4	Electrical	Page .32
EE-357	Electrical Power Distribution & Utz.	3	1	4	Electrical	Page .32
EE-456	Power System Analysis	3	1	4	Electrical	Page .32
EE-474	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-454	Energy Conversion	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .32
EE-119	Fundamentals of Electrical Engineering	3	1	4	Computer & Inf. System Engg.	Page .33
EE-217	Circuit Theory	2	0	2	Computer & Inf. System Engg.	Page .33
EE-119	Fundamentals of Electrical Engineering	3	1	4	Electronic	Page .34
EE-222	Instrumentation & Measurement	3	1	4	Electronic	Page .34
EE-211	Circuit Theory-I	3	1	4	Electronic	Page .34
EE-493	Digital Signal Processing	3	1	4	Electronic	Page .34
EE-119	Fundamentals of Electrical Engineering	3	1	4	Telecommunications	Page .35
EE-216	Circuit Theory	3	1	4	Telecommunications	Page .35
EE-221	Instrumentation	3	1	4	Telecommunications	Page .35
EE-118	Basic Electricity & Electronics	3	1	4	Materials	Page .36
EE-216	Circuit Theory	3	1	4	Bio-Medical Engineering	Page .41
EE-119	Fundamentals of Electrical Engineering	3	1	4	Bio-Medical Engineering	Page .41
EE-281	Electromagnetic Fields	3	0	3	Bio-Medical Engineering	Page .41
EE-216	Circuit Theory	3	1	4	Bio-Medical Engg. (Bio Stream)	Page .42
EE-119	Fundamentals of Electrical Engineering	3	1	4	Bio-Medical Engg. (Bio Stream)	Page .42
EE-281	Electromagnetic Fields	3	0	3	Bio-Medical Engg. (Bio Stream)	Page .42

Fall Semester-2013-2014

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-116	Principles of Electrical Engineering	3	1	4	Mechanical	Page .28
EE-373	Machine Control System	3	1	4	Mechanical	Page .28
EE-116	Principles of Electrical Engineering	3	1	4	Textile	Page .29
EE-444	Electrical Drives	3	1	4	Textile	Page .29
EE-116	Principles of Electrical Engineering	3	1	4	Industrial & Manf.	Page .30
EE-373	Machine Control System	3	1	4	Industrial & Manf.	Page .30
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .31
EE-373	Machine Control Systems	3	1	4	Automotive	Page .31
EE-155	Engineering Drawing	0	2	2	Electrical	Page .32
EE-281	Electromagnetic Fields	3	0	3	Electrical	Page .32
EE-262	Programming with C-Language	2	1	3	Electrical	Page .32
EE-342	Electrical Machines-II	3	1	4	Electrical	Page .32
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .32
EE-493	Digital Signal Processing	3	1	4	Electrical	Page .32
EE-455	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-445	Electrical Machines Theory & Design	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .32
EE-222	Instrumentation & Measurement	3	1	4	Computer & Inf. System Engg.	Page .33
EE-246	Electrical Machines	2	1	3	Electronic	Page .34
EE-281	Electromagnetic Fields	3	0	3	Electronic	Page .34
EE-312	Circuit Theory-II	3	1	4	Electronic	Page .34
EE-474	Feedback Control Systems	3	1	4	Electronic	Page .34
EE-281	Electromagnetic Fields	3	0	3	Telecommunications	Page .35
EE-393	Digital Signal Processing	3	1	4	Telecommunications	Page .35
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .35
EE-116	Principles of Electrical Engineering	3	1	4	Chemical	Page .37
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .38
EE-221	Instrumentation	3	1	4	Metallurgical	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .39
EE-119	Fundamentals of Electrical Engineering	3	1	4	Software Engineering	Page .40
EE-493	Digital Signal Processing	3	1	4	Bio-Medical Engineering	Page .41
EE-493	Digital Signal Processing	3	1	4	Bio-Medical Engg. (Bio Stream)	Page .42
EE-116	Principles of Electrical Engineering	3	1	4	Food Engineering	Page .43
EE-115	Electrical Technology Fundamentals	3	1	4	Computer Science & Inf. Tech	Page .44



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

Prospectus-2012-2013 (Batch 2012-2013)**Spring Semester-2012-2013****Fall Semester-2012-2013**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-102	Electrical Engineering	3	1	4	Civil	Page .24
EE-102	Electrical Engineering	3	1	4	Urban	Page .25
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .26
EE-102	Electrical Engineering	3	1	4	Construction	Page .27
EE-113	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-211	Circuit Theory-I	3	1	4	Electrical	Page .32
EE-221	Instrumentation	3	1	4	Electrical	Page .32
EE-241	Electrical Machines-I	3	1	4	Electrical	Page .32
EE-312	Circuit Theory-II	3	1	4	Electrical	Page .32
EE-315	Electric Filters	3	1	4	Electrical	Page .32
EE-357	Electrical Power Distribution & Utz	3	1	4	Electrical	Page .32
EE-456	Power System Analysis	3	1	4	Electrical	Page .32
EE-474	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-454	Energy Conversion	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .32
EE-119	Fundamentals of Electrical Engineering	3	1	4	Computer & Inf. System Engg.	Page .33
EE-217	Circuit Theory	2	0	2	Computer & Inf. System Engg.	Page .33
EE-119	Fundamentals of Electrical Engineering	3	1	4	Electronic	Page .34
EE-222	Instrumentation & Measurement	3	1	4	Electronic	Page .34
EE-211	Circuit Theory-I	3	1	4	Electronic	Page .34
EE-493	Digital Signal Processing	3	1	4	Electronic	Page .34
EE-119	Fundamentals of Electrical Engineering	3	1	4	Telecommunications	Page .35
EE-216	Circuit Theory	3	1	4	Telecommunications	Page .35
EE-221	Instrumentation	3	1	4	Telecommunications	Page .35
EE-216	Circuit Theory	3	1	4	Bio-Medical Engineering (Bio Stream)	Page .42
EE-114	Basic Electrical Engineering	3	1	4	Bio-Medical Engineering (Bio Stream)	Page .42
EE-281	Electromagnetic Fields	3	0	3	Bio-Medical Engineering (Bio Stream)	Page .42
EE-216	Circuit Theory	3	1	4	Bio-Medical Engg. (Medical Stream)	Page .41
EE-114	Basic Electrical Engineering	3	1	4	Bio-Medical Engg. (Medical Stream)	Page .41
EE-281	Electromagnetic Fields	3	0	3	Bio-Medical Engg. (Medical Stream)	Page .41
EE-101	Electrical Technologies	3	1	4	Food Engineering	Page .43

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-101	Electrical Technology	3	1	4	Mechanical	Page .28
EE-373	Machine Control System	3	1	4	Mechanical	Page .28
EE-101	Electrical Technology	3	1	4	Textile	Page .29
EE-444	Electrical Drives	3	1	4	Textile	Page .29
EE-116	Principles of Electrical Engineering	3	1	4	Industrial & Manf.	Page .30
EE-373	Machine Control System	3	1	4	Industrial & Manf.	Page .30
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .31
EE-373	Machine Control Systems	3	1	4	Automotive	Page .31
EE-155	Engineering Drawing	0	2	2	Electrical	Page .32
EE-281	Electromagnetic Fields	3	0	3	Electrical	Page .32
EE-262	Programming with C-Language	2	1	3	Electrical	Page .32
EE-342	Electrical Machines-II	3	1	4	Electrical	Page .32
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .32
EE-493	Digital Signal Processing	3	1	4	Electrical	Page .32
EE-455	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-445	Electrical Machines Theory & Design	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .32
EE-222	Instrumentation & Measurement	3	1	4	Computer & Inf. System	Page .33
EE-246	Electrical Machines	2	1	3	Electronic	Page .34
EE-281	Electromagnetic Fields	3	0	3	Electronic	Page .34
EE-312	Circuit Theory-II	3	1	4	Electronic	Page .34
EE-474	Feedback Control Systems	3	1	4	Electronic	Page .34
EE-281	Electromagnetic Fields	3	0	3	Telecommunications	Page .35
EE-393	Digital Signal Processing	3	1	4	Telecommunications	Page .35
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .35
EE-116	Basic Electricity & Electronics	3	1	4	Materials	Page .36
EE-101	Electrical Technology	3	1	4	Chemical	Page .37
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .38
EE-221	Instrumentation	3	1	4	Metallurgical	Page .38
EE-118	Basic Electricity & Electronics	3	1	4	Polymer & Petrochemical	Page .39
EE-119	Fundamentals of Electrical Engineering	3	1	4	Software Engineering	Page .40
EE-493	Digital Signal Processing	3	1	4	Bio-Medical Engineering (Bio Stream)	Page .42
EE-493	Digital Signal Processing	3	1	4	Bio-Medical Engg. (Medical Stream)	Page .41
EE-115	Electrical Technology Fundamentals	3	1	4	Computer Science & Inf. Tech	Page .44



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor - EED)

Prospectus-2011-2012 (Batch 2011-2012)**Spring Semester-2011-2012**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-102	Electrical Engineering	3	1	4	Civil	Page .38
EE-102	Electrical Engineering	3	1	4	Urban	Page .39
EE-116	Principles of Electrical Engineering	3	1	4	Petroleum	Page .40
EE-102	Electrical Engineering	3	1	4	Construction	Page .41
EE-113	Basic Electrical Engineering	3	1	4	Electrical	Page .32
EE-211	Circuit Theory-I	3	1	4	Electrical	Page .32
EE-221	Instrumentation	3	1	4	Electrical	Page .32
EE-241	Electrical Machines-I	3	1	4	Electrical	Page .32
EE-312	Circuit Theory-II	3	1	4	Electrical	Page .32
EE-315	Electric Filters	3	1	4	Electrical	Page .32
EE-357	Electrical Power Distribution & Utz	3	1	4	Electrical	Page .32
EE-456	Power System Analysis	3	1	4	Electrical	Page .32
EE-474	Feedback Control Systems	3	1	4	Electrical	Page .32
EE-454	Energy Conversion	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .32
EE-117	Fundamentals of Electrical Engineering	3	1	4	Computer & Inf. System Engg.	Page .47
EE-221	Instrumentation	3	1	4	Computer & Inf. System Engg.	Page .47
EE-246	Electrical Machines	2	1	3	Computer & Inf. System Engg.	Page .47
EE-316	Circuit Theory	2	0	2	Computer & Inf. System Engg.	Page .47
EE-382	Electromagnetic Fields	2	0	2	Computer & Inf. System Engg.	Page .47
EE-114	Basic Electrical Engineering	3	1	4	Electronic	Page .48
EE-222	Instrumentation & Measurement	3	1	4	Electronic	Page .48
EE-211	Circuit Theory-I	3	1	4	Electronic	Page .48
EE-493	Digital Signal Processing	3	1	4	Electronic	Page .48
EE-119	Fundamentals of Electrical Engineering	3	1	4	Telecommunications	Page .49
EE-216	Circuit Theory	3	1	4	Telecommunications	Page .49
EE-221	Instrumentation	3	1	4	Telecommunications	Page .49
EE-216	Circuit Theory	3	1	4	Medical Engineering	Page .55
EE-114	Basic Electrical Engineering	3	1	4	Medical Engineering	Page .55
EE-281	Electromagnetic Fields	3	0	3	Medical Engineering	Page .55
EE-216	Circuit Theory	3	1	4	Bio Engineering	Page .56
EE-114	Basic Electrical Engineering	3	1	4	Bio Engineering	Page .56
EE-281	Electromagnetic Fields	3	0	3	Bio Engineering	Page .56
EE-101	Electrical Technologies	3	1	4	Food Engineering	Page .57

Fall Semester-2011-2012

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-101	Electrical Technology	3	1	4	Mechanical	Page .42
EE-373	Machine Control System	3	1	4	Mechanical	Page .42
EE-101	Electrical Technology	3	1	4	Textile	Page .43
EE-444	Electrical Drives	3	1	4	Textile	Page .43
EE-116	Principles of Electrical Engineering	3	1	4	Industrial & Manf.	Page .44
EE-373	Machine Control System	3	1	4	Industrial & Manf.	Page .44
EE-118	Basic Electricity & Electronics	3	1	4	Automotive	Page .45
EE-373	Machine Control Systems	3	1	4	Automotive	Page .45
EE-155	Engineering Drawing	0	2	2	Electrical	Page .32
EE-281	Electromagnetic Fields	3	0	3	Electrical	Page .32
EE-262	Programming with C-Language	2	1	3	Electrical	Page .32
EE-342	Electrical Machines-II	3	1	4	Electrical	Page .32
EE-351	Electrical Power Transmission	3	0	3	Electrical	Page .32
EE-493	Digital Signal Processing	3	1	4	Electrical	Page .32
EE-455	Electrical Power System Protection	3	1	4	Electrical	Page .32
EE-445	Electrical Machines Theory & Design	3	0	3	Electrical	Page .32
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .32
EE-246	Electrical Machines	2	1	3	Electronic	Page .47
EE-281	Electromagnetic Fields	3	0	3	Electronic	Page .47
EE-312	Circuit Theory-II	3	1	4	Electronic	Page .47
EE-474	Feedback Control Systems	3	1	4	Electronic	Page .47
EE-281	Electromagnetic Fields	3	0	3	Telecommunications	Page .49
EE-393	Digital Signal Processing	3	1	4	Telecommunications	Page .49
EE-374	Feedback Control Systems	3	1	4	Telecommunications	Page .49
EE-116	Basic Electricity & Electronics	3	1	4	Materials	Page .50
EE-101	Electrical Technology	3	1	4	Chemical	Page .51
EE-116	Principles of Electrical Engineering	3	1	4	Metallurgical	Page .52
EE-221	Instrumentation	3	1	4	Metallurgical	Page .52
EE-116	Principles of Electrical Engineering	3	1	4	Polymer & Petrochemical	Page .53
EE-119	Fundamentals of Electrical Engineering	3	1	4	Software Engineering	Page .54
EE-493	Digital Signal Processing	3	1	4	Medical Engineering	Page .55
EE-493	Digital Signal Processing	3	1	4	Bio Engineering	Page .56
EE-115	Electrical Technology Fundamentals	3	1	4	Computer Science & Inf. Tech	Page .58



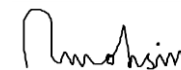
Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)

Prospectus-2010-2011 (Batch 2010-2011)**Spring Semester-2010-2011**

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-102	Electrical Engineering	2	1	3	Civil	Page .38
EE-102	Electrical Engineering	2	1	3	Urban	Page .39
EE-116	Principles of Electrical Engineering	2	1	3	Petroleum	Page .40
EE-113	Basic Electrical Engineering	2	1	3	Electrical	Page .45
EE-211	Circuit Theory-I	2	1	3	Electrical	Page .45
EE-221	Instrumentation	2	1	3	Electrical	Page .45
EE-241	Electrical Machines-I	2	1	3	Electrical	Page .45
EE-312	Circuit Theory-II	2	1	3	Electrical	Page .45
EE-315	Electric Filters	2	1	3	Electrical	Page .45
EE-353	Electrical Power Distribution & Utz.	2	1	3	Electrical	Page .45
EE-452	Power System Analysis	2	1	3	Electrical	Page .45
EE-474	Feedback Control Systems	2	1	3	Electrical	Page .45
EE-454	Energy Conversion	2	1	3	Electrical	Page .45
EE-401	Electrical Engineering Project	0	0	0	Electrical	Page .45
EE-117	Fundamentals of Electrical Engineering	2	1	3	Computer & Inf. System Engg.	Page .46
EE-221	Instrumentation	2	1	3	Computer & Inf. System Engg.	Page .46
EE-246	Electrical Machines	2	1	3	Computer & Inf. System Engg.	Page .46
EE-316	Circuit Theory	2	1	3	Computer & Inf. System Engg.	Page .46
EE-382	Electromagnetic Fields	2	1	3	Computer & Inf. System Engg.	Page .46
EE-114	Basic Electrical Engineering	2	1	3	Electronic	Page .47
EE-222	Instrumentation & Measurement	2	1	3	Electronic	Page .47
EE-211	Circuit Theory-I	2	1	3	Electronic	Page .47
EE-493	Digital Signal Processing	2	1	3	Electronic	Page .47
EE-117	Fundamentals of Electrical Engineering	2	1	3	Telecommunications	Page .48
EE-216	Circuit Theory	2	1	3	Telecommunications	Page .48
EE-262	Programming with C-Language	2	1	3	Telecommunications	Page .48
EE-221	Instrumentation	2	1	3	Telecommunications	Page .48
EE-315	Electric Filters	2	1	3	Telecommunications	Page .48
EE-211	Circuit Theory	2	1	3	Medical Engineering	Page .54
EE-114	Basic Electrical Engineering	2	1	3	Medical Engineering	Page .54
EE-281	Electromagnetic Fields	2	1	3	Medical Engineering	Page .54
EE-211	Circuit Theory	2	1	3	Bio Engineering	Page .55
EE-114	Basic Electrical Engineering	2	1	3	Bio Engineering	Page .55
EE-281	Electromagnetic Fields	2	1	3	Bio Engineering	Page .55

Fall Semester-2010-2011

Course Code	Course Title	Credit Hour			Course Offered in Department	Prospectus Reference Page No.
		Th.	Pr.	Total		
EE-101	Electrical Technology	2	1	3	Mechanical	Page .41
EE-373	Machine Control System	2	1	3	Mechanical	Page .41
EE-101	Electrical Technology	2	1	3	Textile	Page .42
EE-444	Electrical Drives	2	1	3	Textile	Page .42
EE-116	Principles of Electrical Engineering	2	1	3	Industrial & Manf.	Page .43
EE-373	Machine Control System	2	1	3	Industrial & Manf.	Page .43
EE-118	Basic Electricity & Electronics	2	1	3	Automotive	Page .44
EE-373	Machine Control Systems	2	1	3	Automotive	Page .44
EE-155	Engineering Drawing	2	1	3	Electrical	Page .45
EE-281	Electromagnetic Fields	2	1	3	Electrical	Page .45
EE-262	Programming with C-Language	2	1	3	Electrical	Page .45
EE-342	Electrical Machines-II	2	1	3	Electrical	Page .45
EE-351	Electrical Power Transmission	2	1	3	Electrical	Page .45
EE-493	Digital Signal Processing	2	1	3	Electrical	Page .45
EE-455	Electrical Power System Protection	2	1	3	Electrical	Page .45
EE-445	Electrical Machines Theory & Design	2	1	3	Electrical	Page .45
EE-401	Electrical Engineering Project	0	6	6	Electrical	Page .45
EE-246	Electrical Machines	2	1	3	Electronic	Page .47
EE-281	Electromagnetic Fields	3	0	3	Electronic	Page .47
EE-312	Circuit Theory-II	2	1	3	Electronic	Page .47
EE-474	Feedback Control Systems	2	1	3	Electronic	Page .47
EE-246	Electrical Machines	2	1	3	Telecommunications	Page .48
EE-281	Electromagnetic Fields	3	0	3	Telecommunications	Page .48
EE-393	Digital Signal Processing	2	1	3	Telecommunications	Page .48
EE-374	Feedback Control Systems	2	1	3	Telecommunications	Page .48
EE-116	Basic Electricity & Electronics	2	1	3	Materials	Page .49
EE-101	Electrical Technologies	2	1	3	Chemical	Page .50
EE-116	Principles of Electrical Engineering	2	1	3	Metallurgical	Page .51
EE-221	Instrumentation	2	1	3	Metallurgical	Page .51
EE-116	Principles of Electrical Engineering	2	1	3	Polymer & Petrochemical	Page .52
EE-117	Fundamentals of Electrical Engineering	2	1	3	Software Engineering	Page .53
EE-493	Digital Signal Processing	2	1	3	Medical Engineering	Page .54
EE-493	Digital Signal Processing	2	1	3	Bio Engineering	Page .55
EE-115	Electrical Technology Fundamentals	2	1	3	Computer Science & Inf. Tech	Page .56



Verified by: Dr. Muhammad Mohsin Aman
(Associate Professor)