SCHEME OF STUDIES
TELECOMMUNICATIONS ENGINEERING

Batch 2016-17
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING	HS-114	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-129	Basic Electrical Engineering	3	1	4
	MT-171	Differential & Integral Calculus	3	0	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
FALL	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
	CY-109	Applied Chemistry	3	1	4
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-227	Differential Equations	3	0	3
	TC-105	Programming Languages	2	1	3

Batch 2017
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 17-18	*HS-111	**Functional English**	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	*TC-105	**Programming Languages**	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2018	*CY-110	**Applied Chemistry for Engineers**	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	*MT-171	**Differential & Integral Calculus**	3	0	3
	HS-220	Chinese Language-I	NC		

*Changed Vide Resolution: SYN-180.5(a)(xiii)

Batch 2018
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2018	HS-111	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2019	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-171	Differential & Integral Calculus	3	0	3
	HS-220	Chinese Language-I	NC		

Batch 2019
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2019	HS-111	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2020	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-171	Differential & Integral Calculus	3	0	3
	HS-220	Chinese Language-I	NC		

Batch 2020
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2020	HS-111	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2021	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-171	Differential & Integral Calculus	3	0	3
	HS-220	Chinese Language-I	NC		
	HS-200	Community Service	NC		

Batch 2021
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2021	HS-111	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2022	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-171	Differential & Integral Calculus	3	0	3
	HS-220	Chinese Language-I	NC		
	*HS-231	**Turkish Language-I**	NC		

* Changed vide Resolution No.AC-154.4(i)

Batch 2022
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2022	HS-111	Functional English	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	2	1	3
	HS-105	Pakistan Studies OR	2	0	2
	HS-127	Pakistan Studies (For Foreigners)			
	PH-122	Applied Physics	3	1	4
	EL-103	Basic Electronics	3	1	4
SPRING 2023	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-171	Differential & Integral Calculus	3	0	3
	HS-220	Chinese Language-I	NC		
	HS-231	Turkish Language-I	NC		
	HS-224	German Language-I	NC		
	HS-226	French language-I	NC		

Batch 2023
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2023	*EA-111	**Functional English**	2	0	2
	CS-113	Introduction to Computing	1	1	2
	EE-120	Basic Electrical Engineering	3	1	4
	TC-105	Programming Languages	3	0	3
	*ES-105	**Pakistan Studies OR**	2	0	2
	*ES-127	**Pakistan Studies (For Foreigners)**			
	PH-122	Applied Physics	2	1	3
	*EL-106	**Basic Electronics**	3	1	4
SPRING 2024	CY-110	Applied Chemistry for Engineers	2	1	3
	EE-121	Circuit Analysis	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	*MT-171	Differential & Integral Calculus	3	0	3

* Under Section 28(iv) Office Order Acad/42(156)16911
** Under Section 28(iv) Office Order Acad/42(156)16909

Batch 2024
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2025	SA-110	Functional English	2	0	2
	*TC-106	**Computer Programming**	3	1	4
	EE-120	Basic Electrical Engineering	3	1	4
	*MT-114	**Calculus**	3	0	3
	ES-105	Pakistan Studies OR	2	0	2
	ES-209	Ethical Behaviour (for Non-Muslims)			
	*PH-112	**Applied Physics**	2	1	3
	*EL-106	**Basic Electronics**	3	1	4
	CY-100	Essentials of Chemistry	NC		
	TC-108	Computer Programming	3	1	4
	EL-103	Basic Electronics	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	PH-125	Applied Physics	3	0	3
	MT-221	Linear Algebra & Ordinary Differential Equations	3	0	3
	ES-108	Ideology and Constitution of Pakistan	2	0	2

Changed with vide Resolution No.AC-168.4(iv)

Batch 2025
FIRST YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2026	EF-101	IT Fundamentals and Applications	2	0	3
	EE-125	Basic Electrical Engineering	3	1	4
	MT-116	Calculus & Analytical Geometry	3	0	3
	EA-128	Functional English	2	0	2
	ES-208	Islamic Studies OR	2	0	2
	ES-209	Ethical Behaviour (for Non-Muslims)	2	0	2
	ES-105	Pakistan Studies OR	2	0	2
	ES-127	Pakistan Studies (For Foreigners)	2	0	2
	CY-100	Essentials of Chemistry	NC		
	TC-108	Computer Programming	3	1	4
	EL-103	Basic Electronics	3	1	4
	EL-104	Electronic Engineering Drawing and Workshop	0	2	2
	MT-221	Linear Algebra & Ordinary Differential Equations	3	0	3
	ES-108	Ideology and Constitution of Pakistan	2	0	2

Changed with vide Resolution No.AC-168.4(iv)

Batch 2016-17
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 17-18	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	TC-202	Signals & Systems	3	1	4
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-203	Digital Logic Design	3	1	4
	MT-272	Linear Algebra & Geometry	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
SPRING 2018	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	EL-239	Analog Integrated Circuits	3	1	4
	EE-223	Instrumentation and Measurement	2	1	3
	HS-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3

Batch 2017
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2018	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	*TC-202	**Signals & Systems**	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	*TC-201	**Digital Logic Design**	2	1	3
	*MT-227	**Differential Equations**	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	HS-221	Chinese Language-II	NC		
SPRING 2019	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	*MT-272	**Linear Algebra & Geometry**	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	HE-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3

*Changed Vide Resolution: SYN-180.5(a)(xiii)

Batch 2018
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2019	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	TC-202	Signals & Systems	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-201	Digital Logic Design	2	1	3
	MT-227	Differential Equations	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	HS-221	Chinese Language-II	NC		
SPRING 2020	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	HE-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3

Batch 2019
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2020	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	TC-202	Signals & Systems	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-201	Digital Logic Design	2	1	3
	MT-227	Differential Equations	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	HS-221	Chinese Language-II	NC		
SPRING 2021	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	HE-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3

Batch 2020
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2021	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	TC-202	Signals & Systems	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-201	Digital Logic Design	2	1	3
	MT-227	Differential Equations	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	HS-221	Chinese Language-II	NC		
SPRING 2022	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	HE-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3

Batch 2021
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2022	HS-205	Islamic Studies OR	2	0	2
	HS-209	Ethical Behaviour (for Non-Muslims)			
	TC-202	Signals & Systems	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-201	Digital Logic Design	2	1	3
	MT-227	Differential Equations	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	***EE-221**	**Chinese Language-II**	NC		
	***HS-232**	**Turkish Language-II**	NC		
	***EA-225**	**German Language-II**	NC		
SPRING 2023	***EA-227**	**French Language-II**	NC		
	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	HS-214	Academic Writing	3	0	3
	MT-331	Probability & Statistics	3	0	3
	HS-200	Community Service	NC		

* Changed vide Resolution No.AC-154.4(i)

Batch 2022
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2023	***ES-209**	**Islamic Studies OR**	2	0	2
	***ES-239**	**Ethical Behaviour (for Non-Muslims)**			
	TC-202	Signals & Systems	2	1	3
	EL-236	Electronic Devices and Circuits	2	1	3
	TC-201	Digital Logic Design	2	1	3
	MT-227	Differential Equations	3	0	3
	EE-382	Electromagnetic Fields	2	0	2
	***EE-221**	**Chinese Language-II**	NC		
	***HS-232**	**Turkish Language-II**	NC		
	***EA-225**	**German Language-II**	NC		
SPRING 2024	***EA-227**	**French Language-II**	NC		
	TC-212	Digital Signal Processing	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	***EA-214**	**Academic Writing**	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	MT-331	Probability & Statistics	3	0	3
	TC-212	Digital Signal Processing	2	1	3
	***EA-200**	**Community Service**	NC		

* Under Section 28(iv) Office Order Acad/42(156)16911
** Under Section 28(iv) Office Order Acad/42(156)16909

Batch 2023
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2025	ES-205	Islamic Studies OR	2	0	2
	ES-239	Ethical Behaviour (for Non-Muslims)			
	EE-382	Electromagnetic Fields	2	0	2
	EL-236	Electronic Devices and Circuits	2	1	3
	MT-227	Differential Equations	3	0	3
	TC-202	Signals & Systems	2	1	3
	CS-216	Data Structure & Algorithms	3	0	3
	TC-212	Digital Signal Processing	2	1	3
	EA-214	Academic Writing	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	MT-331	Probability & Statistics	3	0	3
	TC-212	Digital Signal Processing	2	1	3
	EA-200	Community Service	NC		

Batch 2024
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2026	EE-382	Electromagnetic Fields	2	0	2
	*CS-216	**Data Structure & Algorithms**	3	0	3
	**ES-206	**Islamic Studies OR**	2	0	2
	ES-239	Ethical Behaviour (for Non-Muslims)			
	*TC-205	**Digital Logic Design**	3	1	4
	*TC-202	**Signals & Systems**	3	0	3
	*EL-201	**Electronic Devices and Circuits**	3	1	4
	*EF-305	**Engineering Economics & Management**	3	0	3
	EE-223	Instrumentation and Measurement	2	1	3
	EA-214	Academic Writing	3	0	3
	MT-272	Linear Algebra & Geometry	3	0	3
	MT-331	Probability & Statistics	3	0	3
	TC-212	Digital Signal Processing	2	1	3
	EA-200	Community Service	NC		

Changed vide Resolution No.AC-162.4(ii)
** Changed vide Resolution No.AC-164.5(vi)

Batch 2025
SECOND YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2027	TC-205	Digital Logic Design	3	1	4
	TC-206	Signals and Systems	3	0	3
	EE-127	Circuit Analysis	3	1	4
	EL-201	Electronic Devices & Circuits	3	1	4
	CS-216	Data Structure and Algorithms	3	0	3
	TC-212	Digital Signal Processing	2	1	3
	EE-382	Electromagnetic Fields	2	0	2
	EE-223	Instrumentation and Measurement	2	1	3
	MT-331	Probability & Statistics	3	0	3
	EF-201	Civics and Community Engagement	2	0	2
	EA-244	Academic Writing & Speaking	3	0	3
	MG-257	Organizational Behaviour	2	0	2
	EF-400	Community Service	NC		
	EA-200	Community Service	NC		

Changed with vide Resolution No.AC-168.4(iv)

Batch 2016-17
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2018	HS-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	TC-316	Telecommunication Networks	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Th	3	1	4

Batch 2017
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2019	HS-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	*TC-333	**Integrated Circuits**	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4

*Changed Vide Resolution: SYN-180.5(a)(xiii)

Batch 2018
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2020	HS-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	TC-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4

Batch 2019
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2021	HS-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	TC-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4

Batch 2020
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2022	HS-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	TC-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4

Batch 2021
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2023	*EA-304	**Business Communication and Ethics**	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	EL-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4

* Under Section 28(iv) Office Order Acad/42(156)16909

Batch 2022
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2024	EA-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	EL-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4
	***EA-305**	**Foreign Language-I**	NC		

* Under Section 28(iv) Office Order Acad/42(156)16909

Batch 2023
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2025	EA-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	EL-333	Integrated Circuits	2	1	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4
	***EA-305**	**Foreign Language-I**	NC		

* Under Section 28(iv) Office Order Acad/42(156)16909

Batch 2024
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2026	EA-304	Business Communication and Ethics	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EE-374	Feedback Control System	3	1	4
	TC-313	Antenna and Microwave Engineering	3	1	4
	TC-307	Communication Systems	3	1	4
	TC-490	Telecom Engineering Project	0	3	3
	EF-304	Occupational Safety & Health	2	0	2
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4
	***EA-305**	**Foreign Language-I**	NC		

* Changed vide Resolution No.AC-162.4(ii)

Batch 2025
THIRD YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
SPRING 2027	TC-307	Communication Systems	3	1	4
	*TC-317	**Artificial Intelligence and Machine Learning**	2	1	3
	TC-318	Microwave Engineering	3	0	3
	TC-305	Digital Communication	3	1	4
	EE-375	Feedback Control Systems	3	1	4
	TC-306	Telecommunication Network and Information Theory	3	0	3
	TC-314	Wireless & Mobile Communication	3	1	4
	TC-315	Optical Fiber Communication	3	1	4
	TC-311	Digital Communications and Information Theory	3	1	4
	EA-244	Academic Writing & Speaking	3	0	3
	EF-305	Engineering Economics & Management	3	0	3
	EF-309	Occupational Safety & Health	1	1	2
	EA-E5	Foreign Language-I	NC		

Changed with vide Resolution No.AC-168.4(iv)

Batch 2016-17
FINAL YEAR ——— SEMESTER SYSTEM

	Course Code	Course Title	Crd Hrs Th	Pr	T
		Telecommunications Engineering			
FALL 2019	MT-442	Numerical Methods	3	0	3
	CS-430	Microprocessor Programming and Interfacing	3	1	4
	*TC-XXX	Elective-I	2	0	2
	HS-405	Organizational Behaviour	3	0	3
	TC-490	Telecom Engineering Project	0	3