SCHEME OF STUDIES
COMPUTER SCIENCE

Batch 2016-17
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
SPRING	CT-153 Programming Languages	2	1	3
	***CT-174 Fundamentals of Information Technology**	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	ISL-134 Basic Electronics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	CT-157 Data Structure Algorithms & Applications	3	1	4
	CT-162 Discrete Structures	3	0	3
	***CT-251 Object Oriented Programming**	3	1	4
	***HS-104 Functional English**	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	* Changed vide AC-131			

Batch 2017
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 17-18	CT-153 Programming Languages	2	1	3
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	EL-134 Basic Electronics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	CT-157 Data Structure Algorithms & Applications	3	1	4
	CT-162 Discrete Structures	3	0	3
SPRING 2018	CT-251 Object Oriented Programming	3	1	4
	HS-104 Functional English	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	HS-220 Chinese Language-I	NC		

Batch 2018
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2018	CT-153 Programming Languages	2	1	3
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	EL-134 Basic Electronics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	CS-251 Data Structure Algorithms & Applications	3	1	4
	CT-162 Discrete Structures	3	0	3
SPRING 2019	CT-251 Object Oriented Programming	3	1	4
	HS-104 Functional English	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	HS-220 Chinese Language-I	NC		

Batch 2019
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2019	***CT-178 Programming Fundamentals**	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	***PH-122 Applied Physics**	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	***CS-251 Logic Design & Switching Theory**	3	1	4
	CT-251 Object Oriented Programming	3	1	4
SPRING 2020	HS-104 Functional English	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	HS-200 Community Service	NC		
	* Changed vide Resolution No. AC-142.3(6)(b)			

Batch 2020
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2020	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	PH-122 Applied Physics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	***MT-001 Mathematics - I (for Pre-Medical)**			**NC**
SPRING 2021	CS-251 Logic Design & Switching Theory	3	1	4
	CT-162 Discrete Structures	3	0	3
	CT-251 Object Oriented Programming	3	1	4
	HS-104 Functional English	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	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
	Computer Science			
FALL 2021	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	PH-122 Applied Physics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	***MT-001 Mathematics - I (for Pre-Medical)**			**NC**
SPRING 2022	CS-251 Logic Design & Switching Theory	3	1	4
	CT-162 Discrete Structures	3	0	3
	****CT-260 Object Oriented Programming**	3	1	4
	HS-104 Functional English	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	HS-220 Chinese Language-I			NC
	HS-200 Community Service			NC

Batch 2022
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2022	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	MT-171 Differential & Integral Calculus	3	0	3
	PH-122 Applied Physics	3	1	4
	HS-205 Islamic Studies OR	2	0	2
	HS-209 Ethical Behaviour			
	MT-001 Mathematics - I (for Pre-Medical)			NC
SPRING 2023	CS-251 Logic Design & Switching Theory	3	1	4
	CT-162 Discrete Structures	3	0	3
	CT-260 Object Oriented Programming	3	1	4
	***MT-261 Differential & Integral Calculus**	3	0	3
	HS-105 Pakistan Studies OR	2	0	2
	HS-127 Pakistan Studies (for Foreigners)			
	HS-220 Chinese Language-I			NC
	*****EA-231 Turkish Language-I**			**NC**
	***MT-002 Mathematics - 2 (for Pre-Medical)**			**NC**
	* Changed vide Resolution No. AC-152.7(f)			
	** Changed vide Resolution No. AC-154.4(ii)			
	*** Changed vide Resolution No. AC-154.4(ii)			

Batch 2023
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2023	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	***EA-104 Functional English**	3	0	3
	PH-122 Applied Physics	3	1	4
	****ES-205 Islamic Studies OR**	2	0	2
	****ES-209 Ethical Behaviour**			
	MT-001 Mathematics - I (for Pre-Medical)			NC
SPRING 2024	CS-251 Logic Design & Switching Theory	3	1	4
	CT-162 Discrete Structures	3	0	3
	CT-260 Object Oriented Programming	3	1	4
	***MT-261 Differential & Integral Calculus**	3	0	3
	****ES-105 Pakistan Studies OR**	2	0	2
	****EA-127 Pakistan Studies (for Foreigners)**	2	0	2
	MT-002 Mathematics - 2 (for Pre-Medical)			NC
	* Changed Vide Resolution No. EMG-AC-1(A)			
	** Under Section 28(iv) Office Order Acad/421/56/16911			
	Under Section 28(iv) Office Order Acad/421/56/16909			

Batch 2024
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2024	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	EA-124 Functional English	3	0	3
	PH-122 Applied Physics	3	1	4
	***ES-206 Islamic Studies OR**	2	0	2
	ES-209 Ethical Behaviour			
	CS-251 Logic Design & Switching Theory	3	1	4
	CT-162 Discrete Structures	3	0	3
SPRING 2025	CT-260 Object Oriented Programming	3	1	4
	CS-211 Logic Design and Switching Theory	3	0	3
	ES-105 Pakistan Studies OR	2	0	2
	ES-127 Pakistan Studies (for Foreigners)	2	0	2
	MT-002 Mathematics - 2 (for Pre-Medical)			NC
	* Changed Vide Resolution No. AC-154.5(vi)			

Batch 2025
FIRST YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2025	CT-175 Programming Fundamentals	3	1	4
	CT-174 Fundamentals of Information Technology	2	1	3
	EA-124 Functional English	3	0	3
	ES-108 Ideology and Constitution of Pakistan	2	0	2
	ES-206 Islamic Studies OR	2	0	2
	ES-209 Ethical Behaviour (for Non-Muslims)	2	0	2
	CS-251 Applied Physics	3	1	4
	MT-100 Introduction to Mathematics (for Pre-Medical)			NC
SPRING 2026	CT-162 Discrete Structures	3	0	3
	CT-260 Object Oriented Programming	3	1	4
	CS-211 Logic Design and Switching Theory	3	0	3
	ES-105 Pakistan Studies OR	2	0	2
	ES-127 Pakistan Studies (for Foreigners)	2	0	2
	MT-216 Calculus & Analytical Geometry	3	0	3
	Changed with vide Resolution No. AC-168.4(vii)			

Batch 2016-17
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 17-18	CS-251 Logic Design & Switching Theory	3	1	4
	***CT-298 Financial & Cost Accounting**	3	0	3
	***MT-273 Differential Equations & Linear Algebra**	3	0	3
	***CT-362 Computer Graphics**	3	1	4
	CT-259 System Analysis & Design	3	0	3
	CS-252 Computer Architecture & Organisation	3	1	4
SPRING 2018	CT-257 Database Management Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	HS-208 Business Communications & Ethics	3	0	3
	***MT-331 Probability & Statistics**	3	0	3
	* Changed vide AC-131			

Batch 2017
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2018	CS-251 Logic Design & Switching Theory	3	1	4
	CT-298 Financial & Cost Accounting	3	0	3
	MT-273 Differential Equations & Linear Algebra	3	0	3
	CT-362 Computer Graphics	3	1	4
	CT-259 System Analysis & Design	3	0	3
	HS-201 Chinese Language-II			NC
SPRING 2019	CS-252 Computer Architecture & Organisation	3	1	4
	CT-257 Database Management Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	HS-208 Business Communications & Ethics	3	0	3
	MT-331 Probability & Statistics	3	0	3

Batch 2018
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2019	CS-251 Logic Design & Switching Theory	3	1	4
	CT-298 Financial & Cost Accounting	3	0	3
	CT-273 Differential Equations & Linear Algebra	3	0	3
	CT-362 Computer Graphics	3	1	4
	CT-259 System Analysis & Design	3	0	3
	HS-201 Chinese Language-II			NC
SPRING 2020	CS-252 Computer Architecture & Organisation	3	1	4
	CT-257 Database Management Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	HS-208 Business Communications & Ethics	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
	Computer Science			
FALL 2020	***CT-157 Data Structure Algorithms & Applications**	3	1	4
	***MT-237 Differential Equations**	3	0	3
	***HS-115 Academic Reading and Writing**	3	0	3
	***HS-219 Professional Ethics**	2	0	2
	CT-259 System Analysis & Design	3	0	3
	***HS-232 Turkish Language-II**			**NC**
SPRING 2021	CS-252 Computer Architecture & Organisation	3	1	4
	CT-257 Database Management Systems	3	1	4
	***HS-218 Business Communications**	2	1	3
	***EC-298 Financial & Cost Accounting**	3	0	3
	***MT-272 Linear Algebra & Geometry**	3	0	3
	*** Changed vide Resolution No. AC-142.3(6)(b)**			

Batch 2020
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2021	CT-157 Data Structure Algorithms & Applications	3	1	4
	MT-237 Differential Equations	3	0	3
	HS-115 Academic Reading and Writing	3	0	3
	HS-219 Professional Ethics	2	0	2
	CT-259 System Analysis & Design	3	0	3
	HS-232 Turkish Language-II			NC
SPRING 2022	CS-252 Computer Architecture & Organisation	3	1	4
	CT-257 Database Management Systems	3	1	4
	HS-218 Business Communications	2	1	3
	EC-298 Financial & Cost Accounting	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	HS-200 Community Service			NC

Batch 2021
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2022	***CT-159 Data Structure Algorithms & Applications**	3	1	4
	MT-237 Differential Equations	3	0	3
	HS-115 Academic Reading and Writing	3	0	3
	HS-219 Professional Ethics	2	0	2
	CT-259 System Analysis & Design	3	0	3
	***HS-232 Turkish Language-II**			**NC**
SPRING 2023	HS-231 Chinese Language-II			NC
	CS-252 Computer Architecture & Organisation	3	1	4
	CT-257 Database Management Systems	3	1	4
	***CT-257 Database Management Systems**	3	1	4
	HS-218 Business Communications	2	1	3
	*****EC-209 Financial & Cost Accounting**	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	HS-200 Community Service			NC
	* Changed vide Resolution No. AC-154.4(ii)			
	** Changed vide Resolution No. AC-154.4(i)			
	*** Changed vide Resolution No. EMG-AC-1(A)			

Batch 2022
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2023	CT-159 Data Structure Algorithms & Applications	3	1	4
	MT-237 Differential Equations	3	0	3
	***EA-115 Academic Reading and Writing**	3	0	3
	****EA-219 Professional Ethics**	2	0	2
	*****MT-331 Probability & Statistics**	3	0	3
	***EA-231 Chinese Language-II**			**NC**
	***EA-232 Turkish Language-II**			**NC**
SPRING 2024	***EA-225 German language-II**			**NC**
	***EA-227 French language-II**			**NC**
	CS-252 Computer Architecture & Organisation	3	1	4
	CT-261 Database Management Systems	3	1	4
	EC-209 Financial & Cost Accounting	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	EA-200 Community Service			NC
	* Changed vide Resolution No. EMG-AC-1(A)			
	** Under Section 28(iv) Office Order Acad/421/56/16909			
	*** Changed Vide Resolution No.AC-154.4(ii)			

Batch 2023
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2024	CT-159 Data Structure Algorithms & Applications	3	1	4
	MT-237 Differential Equations	3	0	3
	EA-115 Academic Reading and Writing	3	0	3
	EA-219 Professional Ethics	2	0	2
	***MT-331 Probability & Statistics**	3	0	3
	CS-252 Computer Architecture & Organisation	3	1	4
SPRING 2025	CT-261 Database Management Systems	3	1	4
	EA-218 Business Communications	2	1	3
	EC-209 Financial & Cost Accounting	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	EA-200 Community Service			NC

Batch 2024
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2025	CT-159 Data Structure Algorithms and Applications	3	1	4
	EA-219 Professional Ethics	2	0	2
	EA-115 Academic Reading and Writing	3	0	3
	EA-245 Academic Reading and Writing	3	0	3
	MT-221 Linear Algebra & Ordinary Differential Equations	3	0	3
	MT-331 Probability and Statistics	3	0	3
SPRING 2026	CS-252 Computer Architecture & Organisation	3	1	4
	CT-261 Database Management Systems	3	1	4
	EC-209 Financial & Cost Accounting	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	EA-200 Community Service			NC

Batch 2025
SECOND YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2026	CT-159 Data Structure Algorithms and Applications	3	1	4
	EA-219 Professional Ethics	2	0	2
	EA-245 Academic Reading and Writing	3	0	3
	MT-221 Linear Algebra & Ordinary Differential Equations	3	0	3
	MT-331 Probability and Statistics	3	0	3
	CT-261 Database Management Systems	3	1	4
SPRING 2027	EA-218 Business Communications	2	1	3
	EC-209 Financial & Cost Accounting	3	0	3
	MT-272 Linear Algebra & Geometry	3	0	3
	EA-200 Community Service			NC
	Changed with vide Resolution No. AC-168.4(vii)			

Batch 2016-17
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2018	CS-353 Microprocessors & Their Applications	3	1	4
	CT-352 Computer Graphics	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-360 Visual Programming	3	1	4
	***CT-462 Distributed Computing**	3	1	4
	CS-351 Computer Communication Networks	3	1	4
SPRING 2019	**CT-361 Software Engineering**	3	0	3
	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	***CT-359 E-Commerce**	3	0	3
	***CT-364 Theory of Automata and Formal Languages**	3	0	3
	* Changed vide AC-131			

Batch 2017
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2019	CS-353 Microprocessors & Their Applications	3	1	4
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-360 Visual Programming	3	1	4
	CT-462 Distributed Computing	3	1	4
	CS-351 Computer Communication Networks	3	1	4
SPRING 2020	CT-361 Software Engineering	3	0	3
	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	CT-359 E-Commerce	3	0	3
	CT-364 Theory of Automata and Formal Languages	3	0	3

Batch 2018
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2019	CS-353 Microprocessors & Their Applications	3	1	4
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-360 Visual Programming	3	1	4
	CT-462 Distributed Computing	3	1	4
	CS-351 Computer Communication Networks	3	1	4
SPRING 2021	CT-361 Software Engineering	3	0	3
	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	CT-359 E-Commerce	3	0	3
	CT-364 Theory of Automata and Formal Languages	3	0	3

Batch 2019
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2020	***CT-355 Software Engineering**	3	0	3
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	***CT-335 Probability & Statistics**	3	0	3
	***CT-354 Theory of Automata and Formal Languages**	3	0	3
	***CT-376 Computer Communication Networks**	3	1	4
SPRING 2022	***CT-361 Artificial Intelligence & Expert Systems**	3	1	4
	***CT-362 Web Engineering**	3	1	4
	***CT-363 Theory of Programming Languages**	3	0	3
	***MT-442 Numerical Methods**	3	0	3
	*** Changed vide Resolution No. AC-142.3(b)(v)**			

Batch 2020
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2021	CT-355 Software Engineering	3	0	3
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-335 Probability & Statistics	3	0	3
	CT-354 Theory of Automata and Formal Languages	3	0	3
	CT-376 Computer Communication Networks	3	1	4
SPRING 2023	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	CT-363 Theory of Programming Languages	3	0	3
	MT-442 Numerical Methods	3	0	3
	*** Changed vide Resolution No. AC-142.3(b)(v)**			

Batch 2021
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2022	CT-355 Software Engineering	3	0	3
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-335 Probability & Statistics	3	0	3
	CT-354 Theory of Automata and Formal Languages	3	0	3
	CT-376 Computer Communication Networks	3	1	4
SPRING 2024	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	CT-363 Theory of Programming Languages	3	0	3
	MT-442 Numerical Methods	3	0	3

Batch 2022
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2023	CT-355 Software Engineering	3	0	3
	CT-351 Operating Systems	3	1	4
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-335 Probability & Statistics	3	0	3
	CT-354 Theory of Automata and Formal Languages	3	0	3
	CT-376 Computer Communication Networks	3	1	4
SPRING 2025	CT-361 Artificial Intelligence & Expert Systems	3	1	4
	CT-362 Web Engineering	3	1	4
	CT-363 Theory of Programming Languages	3	0	3
	MT-442 Numerical Methods	3	0	3

Batch 2023
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2024	***CT-XXX Computer Science Elective-I**			
	***CT-XXX Computer Science Elective-II**			
	***CT-355 Software Engineering**	3	0	3
	***CT-335 Introduction to Artificial Intelligence**	2	1	3
	***CT-353 Design and Analysis of Algorithms**	3	0	3
	***CT-354 Theory of Automata and Formal Languages**	3	0	3
SPRING 2026	***CT-XXX Computer Science Elective-III**			
	***CT-XXX Computer Science Elective-IV**			
	***CT-376 Computer Communication Networks**	3	1	4
	***CT-353 Web Engineering**	3	1	4
	***CT-362 Web Engineering**	3	1	4
	***CT-367 Theory of Programming Languages**	3	0	3
	***EA-E5 Foreign Language-I**			**NC**
	*** Changed Vide Resolution No.AC-163.5(iv)**			
	Under Section 28(iv) Office Order Acad/421/56/16909			

Batch 2024
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2025	CT-XXX Computer Science Elective-I			
	CT-XXX Computer Science Elective-II			
	CT-355 Software Engineering	3	0	3
	CT-335 Introduction to Artificial Intelligence	2	1	3
	CT-353 Design and Analysis of Algorithms	3	0	3
	CT-354 Theory of Automata and Formal Languages	3	0	3
SPRING 2026	CT-XXX Computer Science Elective-III			
	CT-XXX Computer Science Elective-IV			
	CT-376 Computer Communication Networks	3	1	4
	CT-353 Web Engineering	3	1	4
	CT-362 Web Engineering	3	1	4
	CT-367 Theory of Programming Languages	3	0	3
	EA-E5 Foreign Language-I			NC
	Changed with vide Resolution No. AC-168.4(vii)			

Batch 2025
THIRD YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2027	CT-262 Introduction to Artificial Intelligence	2	1	3
	CT-264 Theory of Automata	3	0	3
	CT-266 Theory of Automata and Formal Languages	3	0	3
	CT-XXX Computer Science Elective I			
	CT-###### Computer Science Elective II			
	CT-355 Software Engineering	3	0	3
	CT-353 Design and Algorithms	3	0	3
SPRING 2028	CT-376 Computer Communication Networks	3	1	4
	CT-353 Web Engineering	3	1	4
	CT-362 Web Engineering	3	1	4
	CT-367 Theory of Programming Languages	3	0	3
	EA-E5 Foreign Language-I			NC
	Changed with vide Resolution No. AC-168.4(vii)			

Batch 2016-17
FINAL YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2019	***CT-464 Modeling & Simulation**	3	0	3
	***CT-463 Data Warehouse Mining**	3	0	3
	CT-460 Network & Information Security	3	1	4
	***MT-442 Numerical Methods**	3	0	3
	CT-499 Software Based Project	0	3	3
	CS-351 Parallel Processing	3	1	4
SPRING 2020	**CT-465 Compiler Design**	3	0	3
	***MG-481 Entrepreneurship**	3	0	3
	CT-### Elective Course	3	1	4
	CT-499 Software Based Project	0	3	3

Batch 2017
FINAL YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science & IT			
FALL 2020	CT-464 Modeling & Simulation	3	0	3
	CT-463 Data Warehouse Mining	3	0	3
	CT-460 Network & Information Security	3	1	4
	MT-442 Numerical Methods	3	0	3
	CT-499 Software Based Project	0	3	3
	CS-351 Parallel Processing	3	1	4
SPRING 2021	CT-465 Compiler Design	3	0	3
	MG-481 Entrepreneurship	3	0	3
	CT-### Elective Course	3	1	4
	CT-499 Software Based Project	0	3	3

Batch 2018
FINAL YEAR ---------- SEMESTER SYSTEM

Course Code	Course Title	Crd Hrs Th	Pr	T
	Computer Science			
FALL 2021	CT-464 Modeling & Simulation	3	0	3
	CT-463 Data Warehouse Mining	3	0	3
	CT-460 Network & Information Security	3	1	4
	MT-442 Numerical Methods	3	0	3
	CT-499 Software Based Project	0	3	3
	CT-465 Compiler Design	3	0	3
SPRING 2022	MG-481 Entrepreneurship	3	0	3
	CT-### Elective Course	3	1	4
	CT-499 Software Based Project