1.1.3 & 1.2.1

Supporting Documents

Department of Computer Science Engineering

S. No.	Documents attached
1	List of Courses Introduced
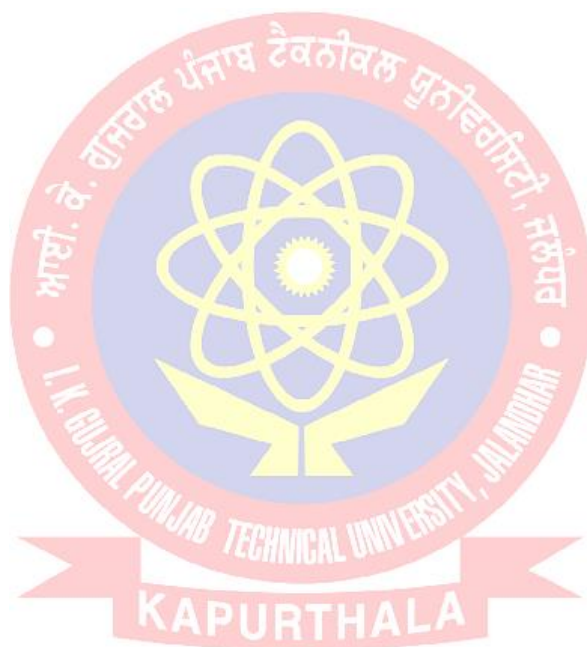
1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years (30)

Program code	Program name	Course code	Course name	Year of offering the course
15	B.Tech CSE	BTPS101-18	Programming for Problem Solving	2018-2019
		BTPS102-18	Programming for Problem Solving (Lab)	
		BTES 301-18	Digital Electronics	
		BTCS 301-18	Data structure & Algorithms	
		BTCS 302-18	Object Oriented Programming	
		BTES 302-18	Digital Electronics Lab	
		BTCS 303-18	Data structure & Algorithms Lab	
		BTCS 304-18	Object Oriented Programming lab	
		BTCS 305-18	IT Workshop*	
		BTCS 401-18	Discrete Mathematics	
		BTES 401-18	Computer Organization & Architecture	
		BTCS 402-18	Operating Systems	
		BTCS 403-18	Design & Analysis of Algorithms	
		BTES 402-18	Computer Organization & Architecture Lab	
		BTCS 404-18	Operating Systems Lab	
		BTCS 405-18	Design & Analysis of Algorithms Lab	
		BTCS 501-18	Database Management Systems	
		BTCS 502-18	Formal Language & Automata Theory	
		BTCS 503-18	Software Engineering	
		BTCS 504-18	Computer Networks	
		BTCS 505-18	Database Management Systems Lab	
		BTCS 506-18	Software Engineering Lab	
		BTCS 507-18	Computer Networks Lab	
		BTCS 601-18	Compiler Design	
		BTCS 602-18	Artificial Intelligence	
		BTCS 603-18	Project-1	
		BTCS 604-18	Compiler Design Lab	
		BTCS 605-18	Artificial Intelligence Lab	
		BTCS 701-18	Machine Learning	
		BTCS 702-18	Project-II	
		BTCS 703-18	Machine Learning Lab	
		BTCS 801-18	Semester Training	
		BTCS 508-18	Programming in Java	
		BTCS 509-18	Web and Open Source Technologies	
		BTCS 510-18	Programming in Python	
		BTCS 511-18	Programming in Java lab	
		BTCS 512-18	Web and Open Source Technologies lab	
		BTCS 513-18	Programming in Python Lab	
		BTCS 514-18	Mobile Application Development	
		BTCS 515-18	Computer Graphics	
		BTCS 516-18	Internet of Things	
		BTCS 517-18	Mobile Application Development lab	
		BTCS 518-18	Computer Graphics Lab	
		BTCS 519-18	Internet of Things Lab	

		BTCS 606-18	Network Security and Cryptography	
		BTCS 607-18	Data Mining	
		BTCS 608-18	Cloud Computing	
		BTCS 609-18	Network Security and Cryptography Lab	
		BTCS 610-18	Data Mining lab	
		BTCS 611-18	Cloud Computing lab	
		BTCS 612-18	Information Theory and Coding	
		BTCS 613-18	Data Science	
		BTCS 614-18	Soft Computing	
		BTCS 615-18	Information Theory and Coding lab	
		BTCS 616-18	Data Science Lab	
		BTCS 617-18	Soft Computing lab	
		BTCS 704-18	Quantum Computing	
		BTCS 705-18	Big Data Analytics	
		BTCS 706-18	Speech and Natural Language Processing	
		BTCS 707-18	Quantum Computing lab	
		BTCS 708-18	Big Data Analytics lab	
		BTCS 709-18	Speech and Natural Language Processing lab	
		BTCS 710-18	Block Chain Technologies	
		BTCS 711-18	Software Defined Networking	
		BTCS 712-18	Digital Image Processing	
		BTCS 713-18	Block Chain Technologies Lab	
		BTCS 714-18	Software Defined Networking Lab	
		BTCS 715-18	Digital Image Processing Lab	
163	M.Tech-CSE	MTCS 101-18	Advanced Data Structures	2018-19
		MTCS 103-18	Advanced Data Structures Lab.	
		MTCS 104-18	Based on Electives	
		MTCS 201-18	Advance Algorithms	
		MTCS 202-18	Soft Computing	
		MTCS203-18	Laboratory Based on cores	
		MTCS 205-18	Mini Project with Seminar	
		MTCS 301-18	Dissertation -I	
		MTCS 401-18	Dissertation - II	
		MTCS 105-18	Machine Learning	
		MTCS 106-18	Wireless Sensor Networks	
		MTCS 107-18	Introduction to Intelligent Systems	
		MTCS 108-18	Data Science	
		MTCS 109-18	Distributed Systems	
		MTCS 110-18	Advanced Wireless and Mobile Networks	
		MTRM 101-1	Research Methodology and IPR	
		MTCS 104-18	Lab Based on Electives	
		MTCS204-18	Laboratory Based on Electives	
		MTCS 206-18	Data Preparation and Analysis	
		MTCS 207- 18	Secure Software Design & Enterprise Computi	
		MTCS 208-18	Computer Vision	
		MTCS 209-18	Human and Computer Interaction	
		MTCS 210-18	GPU Computing	
		MTCS 211-18	Digital Forensics	
		MTCS 302-18	Mobile Applications and Services	
		MTCS 303-18	Compiler for HPC	

		MTCS 304-18	Optimization Techniques	
15	B Tech CSE	BTES 501-18	1. Enterprise Resource Planning	2019
		BTCS 520-18	13. Web Technologies	
		BTCS 522-18	14. Web Technologies Lab	
		BTCS 521-18	15. Computational Biology	
		BTCS 523-18	16. Computational Biology Lab	
		BTCS 606-18	5. Simulation and Modelling	
		BTCS 607-18	6. Simulation and Modelling Lab	
		BTCS 614-18	13. Software Project Management	
		BTCS 615-18	14. Software Project Management Lab	
3001	PhD(CSE)	NA	Research Publication and Ethics	2020-2021

HOD
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