

THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI
DEPARTMENT OF COMPUTER SCIENCE AND BUSINESS SYSTEMS
B.TECH COMPUTER SCIENCE AND BUSINESS SYSTEMS
REPORT ON COURSE FEEDBACK BY FACULTY

ACADEMIC YEAR: 2022-23, ODD Semester

Course code	Course Name	Challenging topics	Course contents that can be added/modified	Course contents that can be removed
21CB150	Business Communication and Value Science I	Time constraint is observed to make every student complete the modules on time.	Instead of PPT presentation, project review is very much enough to meet out the required outcome without causing much workload to students.	Technical Presentation because project review is already there and project is based on technical topics only.
21CB160	Fundamentals of Physics	Late admission had tight time to complete experiments	Quantum computation-Motivation towards core subjects	Crystal Physics-BCC, FCC,HCP, Interference, Diffraction(Already studied in plus two)
21CB311	Computer Organization and Architecture	-	-	Replacement Algorithms
21CB320	Object Oriented Programming	-	Multithreading and RMI	Overview of C
21CB350	Formal Languages and Automata Theory	-	JFLAP Simulators	YACC Tool
21CB360	Computer Organization and Architecture Laboratory	-	-	Combinational Circuits
21CB370	Object Oriented Programming Lab	Implementation of same concept with different input arguments	-	Repetition of same concepts with different input arguments
20CB510	Design and Analysis of Algorithm	CO4 is heavy	Divide and conquer algorithm	-
20CB550	Business Communication & Value Science III	Data Collection and report submission	Role-play can be modified	Grammar components can be removed
20CB570	Design and Analysis of Algorithm Lab	-	Dynamic programming	-

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ACADEMIC YEAR: 2022-23, EVEN Semester

Course code	Course Name	Challenging Topics	Course contents that can be added/modified	Course contents that can be removed
21CB210	Linear Algebra	-	Symmetric Matrix diagonalization using orthogonal transformation can be added and it has wider applications in image processing	Cramer rule and inverse of matrix can be removed because they are very elementary and students studied those concepts in their higher secondary themselves.
21CB220	Statistical Methods	ARIMA Time Series Model	Basic Time series Concepts can be added and give more time to complete	Simple Linear Regression and Correlation (Its Available in the First Semester)
21CB411	Operating Systems	Shell Programming	-	-
21CB420	Database Management Systems	Normalization, Sub queries	-	-
21CB430	Introduction to Innovation, IP Management & Entrepreneurship	Gathering of ideas for Entrepreneurship and Innovation	-	-
21CB480	Operating Systems Lab	Shell Scripting	-	-
20CB610	Computer Networks	Logical Addressing	-	-
20CB620	Information Security	-	Few encryption and decryption algorithms can be added to enhance the course syllabus.	-
20CB640	Financial Management	Budgeting concept	-	-
20CB660	Computer Networks Lab	File Transfer application using PUTTY	-	-
20CB680	Artificial Intelligence Lab	-	Can include concepts like introduction to learning algorithms and applications	-
20CBPB0	Cloud, Microservices & Application	-	-	Python – Refresher



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ACADEMIC YEAR: 2021-22, ODD Semester

Course code	Course Name	Challenging topics	Course contents that can be added/modified	Course contents that can be removed
20CB180	Principles of Electrical Engineering Lab	Theorems	Digital systems	Electromagnetisms
20CB320	Object Oriented Programming	Handling two language C++ and JAVA simultaneously	-	-
20CB330	Computational Statistics	-	Unit I shall be modified	-
20CB340	Software Engineering	Code Coverage	-	-
20CB380	Computational Statistics Lab	Used individual datasets and asked the students to apply the computational statistics concepts to analyze their own dataset. Made them to infer the results and explain	Data visualization is repeated it can be merged as one exercise	-


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ACADEMIC YEAR: 2021-22, EVEN Semester

Course code	Course Name	Challenging topics	Course contents that can be added/modified	Course contents that can be removed
20CB230	Data Structures and Algorithms	Trees and Graphs	-	-
20CB250	Fundamentals of Economics	Equilibrium of Firm	-	-
21CB270	Data Structures and Algorithms Lab	-	To include programs using graphs	-
20CB420	Database Management Systems	Normal Forms, Database Security	-	-
20CB460	Software Design with UML	-	Cohesion and Coupling to be added	-
20CBPA0	Marketing Research and Marketing Management	Marketing Research Techniques	-	Multivariate analysis Discriminant analysis Cluster analysis

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