STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Computer Science**

Name/s of the Faculty : **J Birunda Antoinette Mary**

Course Title : **NETWORK MANAGEMENT AND ADMINISTRATION**

Course Code : **23CS/PC/NA34**

Shift : **II**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	recall the appropriate Linux commands and tools for administering a computing system, system services, the TCP/IP protocol and shell script constructs	K1
CO2	explain the procedure to install any Linux operating systems, create users, add a file system to a partition, configure dynamic IP addresses and firewalls	K2
CO3	solve issues in managing and administering a single-host and a network	K3
CO4	manage users and groups, file systems, remote access using FTP and SSH	K4

CO5	design a simple TCP/IP based local area network with and without DHCP, develop shell scripts						K5,K6
Week	**Unit No.**	**Content**	**Cognitive Level**	**Teaching Hours**	**COs**	**Teaching Learning Methodology**	**Assessment Methods**
Jun 15 – 22, 2026 (Day Order 1- 6)	1	**Installation and User management** **1.1 System Information** hostname - uname - CPU information - physical memory size - hard disk size - shutting down **1.2 Linux Installation** Installation Software Media - Methods of Installation - Keyboard type - Setting root password - Selecting Time Zone - Disk Partitioning - Choosing a file system - Host name and Network Configuration	K1-K5	6	1-5	Lecture, Demo	Practical - Knowing the System
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	**1.3 Basic Administration** Setting system date - Editing text with nano - Searching for a file - man pages –directory structure **1.4 Managing Users and Groups**	K1-K5	6	1-5	Lecture, Demo Quiz to learn more about commands using man pages	Practicals on Basic Administration, Creating a shared project folder. Managing users and groups

		Creating groups - /etc/group file - Creating Users - /etc/passwd and /etc/shadow files - Configuring a user - File access permissions - umask setting - setuid and setgid programs - setting sticky bit					
July 2 – July 8, 2026 (Day Order 1- 6)	2	**2.1 Working with the shell** shell basics - bash shell – environment variables - PATH, PS1 variables – Configuring shell prompt **2.3 Managing file systems** Partitioning - File systems - ext3, ext4, Reiserfs, FAT32 - Creating a filesystem using mkfs - Mounting and unmounting file systems- /etc/fstab file - fsck - noatime setting - Logical Volume Manager	K1-K6	6	1-5	Lecture, Demo Find out other common environment variables and their purposes	Practical - Mounting & unmounting file system, Partitioning disks
July 9 – 16, 2026 (Day Order 1- 6)	3	**3.1 Shell scripting** echo - shell variables- comments - positional parameters - decision making -checking exit status code	K1-K6	6	1-5	Lecture, Demo	Practical - Shell Scripting - List only directories,

							Grep Text Not Binary **Component I - Practical (Unit 1, 2.1, 2.3 3.1) 25 marks**
July 17 – 24, 2026 (Day Order 1- 6)	2	**2.2 Managing Software** Red Hat Package Manager - Debian Package Management System - dpkg	K1-K6	6	1-5	Lecture, Demo Install a package in ubuntu	Practical
July 25 – 28, 2026 (Day Order 1- 3)	2	Compile and Install Software	K1-K6	2	1-5	Lecture & Demo	Practical
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	2	**2.4 Core System Services** Init daemon - xinetd and inetd -Logging daemon - cron scheduler - Automating tasks and configuring TCP/IP network	K1-K6	3	1-5	Lecture, Demo	Practical - Shell Scripting
Aug 7 – 14, 2026 (Day Order 1- 6)	3	**3.2 TCP/IP** TCP/IP Layers - Headers - TCP Connection - ARP - Hosts and	K1-K6	6	1-5	Lecture, Demo	Practical Changing Host name, Configuring

		Networks - Subnetting - Netmasks- Static routing - Dynamic routing					IP address for a machine
Aug 17 - 24, 2026 (Day Order 1- 6)	3	**3.3 Network configuration** /etc/hosts file - /etc/network/interfaces - /etc/resolv.conf - /etc/hostname - ifconfig - ping - route- netstat - Configuring static IP address - Setting up a local area network	K1-K6	6	1-5	Lecture, Demo	Practical - Setting up a LAN using static IP address
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	**Boot Loader and Remote access** **4.1 Booting and shutting down** Boot Loaders - Grub - MBR - grub configuration - init process - rc scripts	K1-K6	6	1-5	Lecture Demonstration by students on configuring menu and fixing issues	Practical - Scheduling a Program, Configuring Boot loader, Fixing broken boot loader configuration file.
Sep 3 – 11, 2026 (Day Order 1- 6)	4	**4.2 Remote Access** Telnet - FTP - Secure Shell - SSH - sshd Server, ssh client	K1-K6	6	1-5	Lecture, Demo	Practical - SFTP, Transfer a file using FTP.

							Running a program as an operating system service **Component 2 -Practical Assignment (Units 1-4) 25 marks**
Sep 15-17, 2026 (Day Order 1 - 3)	4	Running a program as an operating system service	K1 - K6	2	1-5	Lecture and Demo	Practical
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	**DHCP and Firewall 5.1 Dynamic Host Configuration Protocol** Dynamic IP address	K1-K5	3	1-5	Lecture, Demo	Practical
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	DHCP - DHCP Server - DHCP Client	K1-K5	6	1-5	Lecture, Demo	Practical - Configuring DHCP
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	**5.2 Linux Firewall** Firewall basics - Setting Firewall rules	K1 -K5	6	1-55	Lecture, Demo	Configure firewall rules to drop/reject packets from

							a specific IP address
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : Computer Science
Name/s of the Faculty : Dr. Diana Judith I
Course Title : Research Methodology
Course Code : 23CS/PC/RM34
Shift : II

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	recall the objective and characteristics of research	K1
CO2	explain the hypothesis for the research problem	K2
CO3	choose the best research methodology for the problem	K3
CO4	analyze the types of research and Statistical Principles	K4
CO5	develop a proposal and write a report using LATEX.	K5, K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	**Unit 1** **1.1 Introduction to Research**	K1-K3	6	1-3	Lecture / Presentation / Practical Demo	Activity – Mock Mini-Research

		Meaning, Objectives and Characteristics of Research – Research Methods Vs. Methodology – Types of Research					
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	**Unit 1** **1.1 Introduction to Research** Research Process – Criteria of Good Research – Shaping a Research Project (Practical: LaTeX using MikTex software - Introduction)	K1-K3	6	1-3	Lecture / Presentation / Practical Demo	Activity – Finding the Sources
July 2 – July 8, 2026 (Day Order 1- 6)	1	**Unit 1** **1.2 Research Project** Research Planning – Students and Advisors – Checklist (Practical: LaTeX using MikTex software – Document Structure)	K1-K3	6	1-3	Lecture / Presentation / Group Discussion	Component 1: Part 1 – Problem Identification (10 marks)

	2	**Unit 2** **2.1 Literature Review** Reading and Reviewing – Hypotheses	K1-K5		1-5		
July 9 – 16, 2026 (Day Order 1- 6)	2	**Unit 2** **2.1 Literature Review** Questions, and Evidence – Identifying Research Gap – Problem Statement – Research Ethics	K1-K5	6	1-5	Lecture / Flipped Classroom/ Group Discussion	Classroom Discussion
July 17 – 24, 2026 (Day Order 1- 6)	2	**Unit 2** **2.1 Literature Review** Plagiarism – Conflict of Interest, Selective Reporting, Misrepresentation (Practical: LaTeX using MikTex software – Formatting)	K1-K5	6	1-5	Lecture / Presentation / Practical Demo	Activity – Know to Cite

July 25 – 28, 2026 (Day Order 1- 3)	2 3	**Unit 2** **2.1 Literature Review** Unethical Practices in using and Analysing Data. **Unit 3** **3.1 Experiments for Computing** Experimentation - Statistical Principles	K1-K5 K1-K4	1 1	1-5 1-4	Lecture / Presentation Lecture / Presentation	Component 1: Part 2 – Literature Review and Presentation (15 marks)
July 29 – Aug 3, 2026	**C.A. Test – I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	**Unit 3** **3.2 Writing a Paper** Organization	K1-K6	3	1-5	Lecture / Presentation	Classroom Discussion
Aug 7 – 14, 2026 (Day Order 1- 6)	3	**Unit 3** **3.2 Writing a Paper** Good Style – Style Specifics – Punctuation (Practical: LaTeX using MikTex software –	K1-K6	6	1-5	Lecture / Peer Teaching	Activity – Mind Mapping

		Formatting)					
Aug 17 - 24, 2026 (Day Order 1- 6)	3 4	**Unit 3** **3.2 Writing a Paper** Figures, and Tables **Unit 4** **4.1 Presentation** Editing (Practical: LaTeX using MikTex software – Tables)	K1-K6 K1-K6	2 3	1-5 1-6	Lecture / Peer Teaching / Practical Demo	Classroom Discussion
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	**Unit 4** **4.1 Presentation** Editing – Presentations (Practical: LaTeX using MikTex software – Tables)	K1-K6	6	1-5	Lecture / Peer Teaching / Practical Demo	Component 2: Part 1 – Draft Paper Submission (10 marks)
Sep 3 – 11, 2026 (Day Order 1- 6)	4	**Unit 4** **4.1 Presentation**	K1-K6	6	1-5	Lecture / Peer Teaching / Practical Demo	Classroom Discussion

		Slides (Practical: LaTeX using MikTex software – Figures)					
Sep 15-17, 2026 (Day Order 1 - 3)	4 5	**Unit 4** **4.1 Presentation** Posters – Ethics **Unit 5** **5.1 Report Writing** Report writing using LATEX for a research problem	K1-K6 K1-K6	1 1	1-5 1-5	Lecture / Peer Teaching / Practical Demo Learning by Doing	Component 2: Part 2 – Poster Presentation (15 marks)
Sep 18 –23, 2026	**C.A. Test – II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	**Unit 5** **5.1 Report Writing** Report writing using LATEX for a research problem	K1-K6	4	1-5	Learning by Doing	Discussion
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	**Unit 5**	K1-K6	6	1-5	Learning by Doing	Report Writing in

		5.1 Report Writing Report writing using LATEX for a research problem					LaTeX
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	**Unit 5** **5.1 Report Writing** Report writing using LATEX for a research problem	K1-K6	6	1-5	Learning by Doing	Group Discussion
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Computer Science**

Name/s of the Faculty : **Dr. Anita Priscilla Mary**

Course Title : **DATA ANALYTICS**

Course Code : **23CS/PC/DA34**

Shift : **II**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	recall the steps and methods involved in the data analysis process	K1
CO2	illustrate the different methods involved in Machine Learning process	K2
CO3	identify Machine Learning techniques to extract actionable value from data	K3
CO4	analyze the given dataset and train them using appropriate Machine Learning techniques	K4
CO5	adapt a better Machine Learning technique on a preprocessed dataset, derive insight from results, and investigate the accuracy	K5

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	1.1 Fundamentals of Data Analysis Introduction - The Process of Data Analysis –Types Analytics- Descriptive Analytics - Predictive Analytics - Prescriptive Analytics - Applications- Quantitative Messages - Techniques for Analyzing Quantitative Data – Barriers to Effective Analysis-Initial Data Analysis - Main Data Analysis	K1-K4	6	1-4	Power Point Presentation / Demo	Identify the problem for the project
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	1.2 Types of Data Different Types of Data- Quantitative and Qualitative Data - Numerical, Categorical Data - Loading, Storage and File Formats – Reading and Writing Data In Text Format, binary Data Formats - Interacting with Web	K1-K3	6	1-3	Power Point Presentation / Demo	**Background information about the problem and finding the proper dataset for the project implementation**

		API - Interacting with Databases - Getting Started with Pandas					
July 2 – July 8, 2026 (Day Order 1- 6)	2	2.1 Data Cleaning Data Cleaning and Preparation - Handling Missing Data - Data Transformation - String Manipulation	K1-K6	6	1-5	Power Point Presentation / Demo	Data Collection and preprocessing
July 9 – 16, 2026 (Day Order 1- 6)	2	2.2 Data Wrangling Join, Combine and Reshape - Hierarchical Indexing – Combining and Merging Datasets - Reshaping and Pivoting - Data Aggregation and Group Functions-Group By Mechanics	K1-K6	6	1-5	Power Point Presentation / Demo	Data Collection and preprocessing
July 17 – 24, 2026 (Day Order 1- 6)	2 3	Data Aggregation-General Split-Apply Combine - Pivot Tables and Cross Tabulation - Numpy Basics 3.1 Plotting and Visualization Matplotlib - Figures – Subplots - Colors, Markers and	K1-K6	6	1-5	Power Point Presentation / Demo	Exploratory Data Analysis

		Line Styles					
July 25 – 28, 2026 (Day Order 1- 3)	3	Ticks, Labels and Legends, Annotations and Drawing On Subplot - Plotting with Pandas and Seaborn	K1-K6	3	1-5	Power Point Presentation / Demo	Exploratory Data Analysis
July 29 – Aug 3, 2026	**C.A. Test – I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	3.2 Time Series Date and Time Data Types and Tools - Time Series Basics - Date Ranges, Frequencies, and Shifting - Time Zone Handling -	K1-K6	3	1-5	Power Point Presentation / Demo	**Component 1** Presentation of the exploratory data analysis with a preprocessing data using a case study scenario- 25 marks
Aug 7 – 14, 2026 (Day Order 1- 6)	3	Periods and Period Arithmetic resampling and Frequency Conversion 3.3 Data Analysis	K1-K6	6	1-5	Power Point Presentation / Demo	Finding the Methodology

	4	Examples 4.1 Machine Learning Introduction to Machine Learning - Need for Machine Learning – Supervised Learning					
Aug 17 - 24, 2026 (Day Order 1- 6)	4	Unsupervised Learning - Classifications and Regression – Generalization – Overfitting – Underfitting 4.2 Supervised Machine Leaning Algorithms K-Nearest Neighbor-Linear Models - Naive Bayes Classifiers	K1-K6	6	1-5	Power Point Presentation / Demo	Finding the Methodology
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	Decision Tree - Random Forest - Gradient Boosted Decision Tree 4.3 Unsupervised Learning Algorithms Types - Dimensionality Reduction, Feature Extraction –	K1-K6	6	1-5	Power Point Presentation / Demo	Finding the Methodology

Sep 3 – 11, 2026 (Day Order 1- 6)	4	Clustering - K-Means Clustering, Agglomerative Clustering, Db Scan Clustering Techniques	K1-K6	6	1-5	Power Point Presentation / Demo	Results and its Interpretation
Sep 15-17, 2026 (Day Order 1 - 3)	5	5.1 Model Evaluation and Improvement Cross-Validation - Benefits of Cross-Validation - Stratified K-Fold Cross validation	K1-K6	3	1-5	Power Point Presentation / Demo	Results and its Interpretation
Sep 18 –23, 2026	**C.A. Test – II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	Other Strategies - More Control Over Cross-Validation - Grid Search	K1-K5	3	1-5	Power Point Presentation / Demo	**Component 2** – 50 % of Project completion, Documentation, Presentation and Viva– 25 marks
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	Evaluation Metrics and Scoring - Using Evaluation Metrics In Model Selection	K1-K5	6	1-5	Power Point Presentation / Demo	Report writing

		5.2 Working with Text Data Types of Data Represented as Strings					
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	Rescaling the Data with TF/IDF - Topic Modeling and Document Clustering	K1-K5	6	1-5	Power Point Presentation / Demo	Report Writing
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Computer Science**

Name/s of the Faculty : **Dr. Roselin Clara A**

Course Title : **Artificial Intelligence**

Course Code : **23CS/PC/AI35**

Shift : **II**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	define and relate the fundamentals of Artificial Intelligence	K1
CO2	demonstrate techniques in solving Artificial Intelligence based problems	K2
CO3	identify appropriate methods to solve Artificial Intelligence based scenario	K3
CO4	examine the reasoning and decision-making process in Artificial Intelligence	K4
CO5	adapt an effective strategy for research-based problems	K5, K6

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods

Jun 15 – 22, 2026 (Day Order 1- 6)	1	Introduction AI- The Foundations of Artificial Intelligence- The History of Artificial Intelligence	K1-K2	6	1-2	Power Point Presentation	Discussion
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	The State-of-the-Art Risks and Benefits of AI- Intelligent Agents- Agents and Environments- The Structure of Agents	K1-K2	6	1-2	Power Point Presentation	Discussion
July 2 – July 8, 2026 (Day Order 1- 6)	2	Problem Solving Problems by Searching - Problem-Solving Agents - Example Problems- Search Algorithms- Uninformed Search Strategies	K1-K6	6	1-5	Power Point Presentation	Discussion
July 9 – 16, 2026 (Day Order 1- 6)	2	Informed (Heuristic) Search Strategies Heuristic Functions - Search in Complex Environments - Local Search and Optimization Problems- Local Search in Continuous Spaces- Search with Nondeterministic	K1-K6	6	1-5	Power Point Presentation	Discussion

		Actions					
July 17 – 24, 2026 (Day Order 1- 6)	2	*Case study: Depth-First Search (DFS)- image processing, A*- pathfinding, robotics, and route optimization.	K1-K6	6	1-5	Power Point Presentation / Demo	Component 1 – 25 marks Open book test on a case study scenario
July 25 – 28, 2026 (Day Order 1- 3)	3	Knowledge Representation Knowledge-Based Agents- Logic- Propositional Logic:	K1-K6	3	1-5	Power Point Presentation / Demo	Discussion
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	3	A Very Simple Logic - First-Order Logic-	K1-K6	3	1-5	Power Point Presentation	Discussion
Aug 7 – 14, 2026 (Day Order 1- 6)	3	Syntax and Semantics of First-Order Logic Inference in First-Order Logic- Knowledge Representation	K1-K6	6	1-5	Power Point Presentation	Discussion
Aug 17 - 24, 2026 (Day Order 1- 6)	3	*Case study: Natural Language Processing	K1-K6	6	1-5	Power Point Presentation / Demo	Discussion

		(NLP): Firstorder logic-semantic parsing and understanding of natural language statements, Virtual Assistants.					
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	4	Uncertain knowledge Acting under Uncertainty- Basic Probability Notation Probabilistic Reasoning- Basic Probability Notation Probabilistic Reasoning	K1-K6	6	1-5	Power Point Presentation	Discussion
Sep 3 – 11, 2026 (Day Order 1- 6)	4	Probabilistic Reasoning over Time- Time and Uncertainty- Inference in Temporal Models- Probabilistic Programming- Relational Probability Models	K1-K6	6	1-5	Power Point Presentation	Discussion
Sep 15-17, 2026 (Day Order 1 - 3)	4	*Case study: Bayesian Networks (BNs)- Bayes algorithm Fuzzy Logic	K1-K6	3	1-5	Power Point Presentation	Component 2 – 25 marks Presentation on the case study scenarios/real

							world agents
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	5	Decision Making Making Simple Decisions- The Basis of Utility Theory Utility Functions- Decision Networks- Making Complex Decisions- Sequential Decision Problems-	K1-K6	3	1-5	Power Point Presentation	Discussion
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	Algorithms for MDPs Multiagent Decision Making- Properties of Multiagent Environments- Non-Cooperative Game Theory - Cooperative Game Theory- Philosophy, Ethics, and Safety of AI- The Future of AI	K1-K6	6	1-5	Power Point Presentation	Discussion
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	*Case study: Multiagent Decision Making- Traffic Management,	K1-K6	6	1-5	Power Point Presentation / Demo	Discussion

		Markov Decision Processes- Reinforcement Learning					
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						

STELLA MARIS COLLEGE (AUTONOMOUS), CHENNAI

COURSE PLAN (June - November 2026)

Department : **Computer Science**

Name/s of the Faculty : **Ms. Geethanjali S.**

Course Title : **DOCUMENTATION AND PRESENTATION**

Course Code : **23CS/PE/DP23**

Shift : **II**

COURSE OUTCOMES (COs)

COs	Description	CL
CO1	use Word, Powerpoint to create personal, academic and business documents following current industry standards	K1, K2
CO2	create an effective presentation in Microsoft PowerPoint / document using word or LATEX that is interactive and legible	K3
CO3	write a proper journal paper or Publish a book with proper formatting using Latex	K4

Week	Unit No.	Content	Cognitive Level	Teaching Hours	COs	Teaching Learning Methodology	Assessment Methods
Jun 15 – 22, 2026 (Day Order 1- 6)	1	**1.1 Word Processing** Introduction – The Style Advantage, Outlining, - Autocorrect –	K1-K4	3	1-3	Lecture/ Demonstration	Exercise to create a document and style as per requirements

		Compatibility with previous versions of word– Styles and Character/Font Formatting – Bullets and Numbering – Character Formatting – Paragraph Formatting – Styles and paragraph Formatting, Structural Formatting, paragraph Decoration					
Jun 23 – July 1, 2026 (Day Order 1- 6)	1	Find, Replace and GO To – Language Tools – Auto Correct – Auto Format – Tables – Pictures and SmartArt – Headers and Footers - Symbols and Equations - Charts – Inserting Objects and Files	K1-K4	3	1-3	Lecture/ Demonstration	Exercise to work with tables and images
July 2 – July 8, 2026 (Day Order 1- 6)	1	Bookmarks –Tables of Contents –Footnotes and Endnotes - Citations and Bibliography - Indexing – Table of Authorities – Hyperlinks and Cross-References - Envelopes and Labels - Data Documents and Mail	K1-K4	3	1-3	Lecture/ Presentation	Exercise to create reports and mail merge

		Merge					
July 9 – 16, 2026 (Day Order 1- 6)	1 2	Protection Type - Integration with other office Applications – Excel, PowerPoint **2.1 Presentation Tool** Introduction to PowerPoint – Changing the view – Creating a good presentation - Creating and saving Presentation Files – Creating New Slides and Text Boxes –Working with Layout, Themes and Masters –Formatting Text – Formatting Paragraphs –Correcting and Improving Text	K1-K4	1	1-3	Lecture/ Presentation	Exercise to create presentations using learnt concepts
July 17 – 24, 2026 (Day Order 1- 6)	2	Correcting and Improving Text – Creating and Formatting Tables- Creating SmartArt Diagrams– Importing Image Files into PowerPoint – Compressing Images – Creating a Photo Album	K1-K4	3	1-3	Lecture/ Presentation	Exercise to create photo albums

		Layout- Working with Charts					
July 25 – 28, 2026 (Day Order 1- 3)	2	Working with External Content- Copying Content from Other Programs - Adding Sound Effects, Music and Soundtracks	K1-K4	1	1-3	Lecture/ Presentation	Exercise to work with music
July 29 – Aug 3, 2026	**C.A. Test - I**						
Aug 4 - 6, 2026 (Day Order 4 - 6)	2	Creating Animation Effects and Transitions – Creating Support Materials - Preparing for a Live Presentation – Limiting User Access to a Presentation	K1-K4	2	1-3	Lecture/ Presentation	**Component 1 (30 marks):** Creating a report and presenting it
Aug 7 – 14, 2026 (Day Order 1- 6)	2 3	**2.2 CANVA** Presentation Template – Tools and Features – Downloading and Sharing **3.1 LATeX** Introduction – Installation of LATEX – Creating a simple Document	K1-K4	3	1-3	Lecture/ Demonstration/ Group Discussion	Exercise to create presentation using Canva
Aug 17 - 24, 2026	3	Using Simple	K1-K4	3	1-3	Lecture/	Exercise to create

(Day Order 1- 6)		Commands - Packages- Special characters and symbols – Lists - Fonts - Aligning material in Rows and Columns **3.2 Structuring your Document** Author and title information - Abstract				Demonstration	a simple LATEX document
Aug 25 – Sep 2, 2026 (Day Order 1- 6)	3	Chapters, Sections, Subsections - Creating a Table of contents - Cross-Referencing – Creating a Bibliography - Page Styles and Page Numbering – Multi Lingual Support: Using the babel package	K1-K4	3	1-3	Lecture/ Demonstration	Exercise to work with tables and referencing
Sep 3 – 11, 2026 (Day Order 1- 6)	4	**4.1 Graphicx Package** Graphical Transformations - Package Options – Floats – Figures -Side-By-Side Figures - Tables - Side-by-Side Tables - Sideways Floats - Sub-Floats -Defining Commands	K1-K4	3	1-3	Lecture/ Demonstration	Exercise utilizing the graphicx package

Sep 15-17, 2026 (Day Order 1 - 3)	4	**4.2 Mathematics** In-Line Mathematics - Displayed Mathematics - Multiple Lines of Displayed Maths	K1-K4	2	1-3	Lecture/ Demonstration	**Component 2 (20 marks):** Creating and styling a document using LaTeX
Sep 18 –23, 2026	**C.A. Test - II**						
Sep 24 - 28, 2026 (Day 4 – 6)	4	Mathematical commands	K1-K4	1	1-3	Lecture/ Demonstration	Exercise to work with math formulas
Sep 29 – Oct 7, 2026 (Day Order 1 - 6)	5	**5.1 Other tools** Working with Working with Cloud-based documents, presentations, forms and reports	K1-K4	3	1-3	Lecture/ Demonstration	Exercise to work with online document and presentation
Oct 8 - 14, 2026 (Day Order 1 - 6)	5	Creating surveys with google forms and generating reports	K1-K4	3	1-3	Lecture/ Demonstration	Exercise to create google forms and generate a report
Oct 15 - 21, 2026 (Day Order 1- 4)	**REVISION**						