DEPARTMENT OF INFORMATION TECHNOLOGY

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

Re-Accredited with A++ by NAAC and 9001:2015 Certified Institution

POLLACHI - 642001

17th Board of Studies Meeting in the Department of Information Technology

Date & Time: 01.03.2025 & 10 AM

Agenda

BoS / IT 17.1	:	Welcome address and Opening Remarks by Chairman, Board of studies in the Department of Information Technology
BoS / IT 17.2	:	Confirmation of the Minutes of the 16th / Previous meeting of Board of studies in the Department of Information Technology held on 22-04-2024 and Action taken report of 16th meeting of Board of studies
BoS / IT 17.3	:	Syllabus of B.Sc. INFORMATION TECHNOLOGY under Regulation 2025-2028
		Any other Discussions if any
BoS / IT 17.4	:	Suggestion given by BOS Members
BoS / IT 17.5	:	Any other items

NALLAMUTHU GOUNDER MAHALINGAM COLLEGE

POLLACHI

DEPARTMENT OF INFORMATION TECHNOLOGY

MINUTES OF BOS MEETING

The 17th Meeting of the Board of studies of the DEPARTMENT OF INFORMATION TECHNOLOGY was held on 01.03.2025 at 10.00 AM. in the DEPARTMENT, NALLAMUTHU GOUNDER MAHALINGAM COLLEGE, POLLACHI - 642001.

1. The following members were present:

1.	Mr. K. VIJAYAKUMAR Assistant Professor and Head	Chairman
2.	Mr. R. SEKAR Assistant Professor	Internal Members
3.	Dr. C. R. DURGADEVI Assistant Professor	
4.	Dr. B. KALAISELVI Assistant Professor	
5.	Mrs. V. PRABAVATHI Assistant Professor	
6.	Dr. K.SANTHI Professor, Dept. of IT, Dr. NGP Arts and Science College, Coimbatore. E-Mail: santhi@drngpasc.ac.in Mobile No. : 9345793168	University Nominee
7.	Dr. S. DHANDAPANI Asst. Professor in Computer Science, Govt. Arts and Science College, Thuvakkudi,Tiruchirapalli	Subject Expert

	E-Mail: sdpudt@rediffmail.com Mobile No.: 9943357265	
8.	DR.N. KRISHNAVENI Assistant Professor in Information Technology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. E-Mail: krishnaveni.adu@gmail.com Mobile No.: 9787570867	Academic Expert & Auditor
9	Mr. K. JEEVANANTHAM Software Engineer CTS, Coimbatore E-Mail: jeeva3262@gmail.com Mobile No. : 8760461333	Industry Expert
10.	MS. A. SWARNAMUGI, MCA, MCET College, Pollachi. E-Mail: swarnamugi8523@gmail.com Contact No. 7395868113	Alumnus nominated by HoD
11.	Selvan. T. SUJITH (22-IT-21) FINAL YEAR	Student Members
12.	Selvan P. SRI SAMRAKSHAN (23-IT-16) SECOND YEAR	

HoD CDC Co-ordinator COE PRINCIPAL

BoS/IT 17.1 WELCOME ADDRESS AND OPENING REMARKS BY CHAIRMAN, BOARD OF STUDIES IN THE DEPARTMENT OF INFORMATION TECHNOLOGY. The Chairman, BoS of the Department of Information Technology welcomed and introduced the members of 17th Board of Studies and thanked each one of them for sparing their valuable time to attend the meeting.

BoS/IT 17.2 TO CONFIRM THE MINUTES OF PREVIOUS BOS MEETING NO. BoS/IT 16.2 HELD ON 22.4.2024. The minutes of the BoS/IT 16.3 Board of Studies meeting held on 22.4.2024 were communicated to the members. The comments received have been incorporated and placed for confirmation. The same was approved by the PREVIOUS ACADEMIC MEETING NO. 31 Academic council.

~ Action Taken Report (Enclosed in Annexure 1)

BoS/IT 17.3

The presented syllabus was accepted by the experts and a **few suggestions** were given as noted into 17.4.

BoS/IT 17.3.1

B.Sc. INFORMATION TECHNOLOGY (I & II SEMESTER)

Semester I & II

1. 25UIT1A1/A2 - GE I - Allied : Mathematics - I (Vedic & Statistics) / Numerical Methods - Vedic mathematics introduced.(Unit I & II)
2. 25UIT204 - CC - III: Object Oriented Programming with Java – Applet removed. (Unit IV)
3. 25UIT206 - Programming in Java with Data Structures – Applet Programs removed.
4. 25UIT2S1 – SEC I: Naan Mudhalvan: Web Programming Lab. (PHP) is shifted to IV SEM as 25UIT4S1- SEC II: Naan Mudhalvan: PHP.

The following papers from B.Sc. IT were accepted by the experts fully without further suggestions

1. 25UIT101 - CC - I : Programming in 'C'

2. 25UIT102 - CC - II : Computer System Architecture
3. 25UIT103 - CC Lab - I : Programming in 'C'
4. 24UIT1S1- SS Lab. I: Web Designing(HTML) self study
5. 25UIT205 – CC - IV: Data Structures
6. 25UIT2A1/A2 - GE–II: Allied: Mathematics II (Discrete Mathematics/Operations Research)

BoS/IT 17.3.2

B.Sc. INFORMATION TECHNOLOGY (III & IV SEMESTER)

1. 25UHW301- Health and Wellness programme introduced.
2. 25UIT412 - CC - VIII: Advanced Java Programming – Java FX Introduced. (Unit I & II).
3. 25UIT413 - CC Lab - V: Programming in Advanced Java – Java FX Programs included.
4. 25UIT4S1 – SEC II : Naan Mudhalvan: Advanced Excel Lab removed.
5. 25UIT4N2- Non Major Elective - II: Instead of Computer Security paper Cyber Security is introduced.

Semester III & IV

The following papers from B.Sc. IT were accepted by the experts fully without further suggestions:

1. 25UIT307 - CC - V: Operating Systems
2. 25UIT308 – CC VI: Relational Database Management System
3. 25UIT3A1/A2 – GE III – Allied : Microprocessor / Embedded Systems
4. 25UIT309 - CC Lab - III: RDBMS.
5. 25UIT310 – CC Lab. IV: Excel Lab.
6. 25UIT3N1 / 24UIT3N2 - Non Major Elective - I: Social Networks / Non Major Elective - I: Hardware & Networking
7. 25UIT411 – CC VII: Data Communication and Networks
7. 25UIT4A1/A2 – GE IV - Allied - IV: Software Engineering/ Software Project Management
8. 25UIT4S2 – SEC II : Naan Mudhalvan: Quantitative Aptitude
9. 25UIT4N1 - Non Major Elective - II : Data Analytics

BoS/IT 17.3.3

B.Sc. INFORMATION TECHNOLOGY (V & VI SEMESTER)

Semester V & VI:

1. 25UIT515 – CC – X: Visual Programming – MVC introduced (Unit IV & V).
2. 25UIT516 – CC Lab. VI: Visual Programming – MVC Programs introduced.
3. 25UIT5S1/S2 – SEC III: Graphic Designing Lab. (Photoshop/Canva) is changed as 25UIT5S1/S2 SEC III: Digital Content Development Lab. (Scribus / Canva).
4. 25UIT6E8 – DSE – III: Artificial Intelligence –book changed
5. 25UIT6S1/S2 – SEC IV: Naan Mudhalvan: Multimedia Lab.(Flash/3DsMax) is changed as 25UIT6S1/S2 SEC IV : Naan Mudhalvan: Generative AI Web development Lab (Wix / Framer)

The following papers from B.Sc. IT were accepted by the experts fully without further suggestions:

1. 25UIT514 – CC – IX: Python Programming
2. 25UIT5E1 – DSE – I: Data Mining
3. 25UIT5E2 – DSE – I: Cloud Computing
4. 25UIT5E3 – DSE – I: Wireless Networks
5. 25UIT517 - CC Lab. VII: Python Programming
6. 25UIT5AL – ALC-I Cyber Law(Optional-Self Study)
7. 25UIT618 – CC – X1: Information Security
8. 25UIT6E4 – DSE – II: Machine Learning
9. 25UIT6E5 – DSE – II: Internet of Things
10. 25UIT6E6 – DSE – II: Digital Marketing
11. 25UIT6E7 – DSE – III: Big Data Analytics
12. 25UIT6E9 – DSE – III: Block Chain Technology
13. 25UIT619 – CC Lab. VIII: Software Testing & Data Visualization Tools
14. 25UIT620 – CC Lab. IX: Open Source Methodologies
15. 25UIT621 – Project
16. 25UIT6AL – ALC-II Digital Forensics (Optional-Self Study)

These changes have been made effect for the students admitted in 2025 with I to VI Semesters accordingly.

BoS/IT 17.4 SUGGESTIONS GIVEN BY THE BoS MEMBERS

The members had a brainstorming discussion and interaction among themselves. After discussion, fruitful suggestions were incorporated appropriately in the Curriculum and Syllabi.

Based on the suggestions given by the members, BOS resolved to recommend the following to the Academic Council for further approval.

a) The syllabus of B.Sc. Information Technology under Regulation BoS/IT 16.3

17.4.1: As ratification, we have changed the entire syllabus for 23UIT6E5 - Artificial Intelligence in order to meet the contemporary needs

17.4.2: As ratification, we have changed the entire syllabus for 24UIT6E8 - Artificial Intelligence in order to meet the contemporary needs

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Members Present:

Chairman	
Mr. K. VIJAYAKUMAR Assistant Professor and Head	Sign
Internal Members	
Mr R. SEKAR Assistant Professor	Sign
Dr. C. R. DURGADEVI Assistant Professor	
Dr. B. KALAISELVI Assistant Professor	
Mrs. V. PRABAVATHI Assistant Professor	
University Nominee	
Dr. K.SANTHI Professor, Dept. of IT, Dr. NGP Arts and Science College, Coimbatore. E-Mail: santhi@drngpasc.ac.in Mobile No. : 9345793168	Sign
Subject Expert	
Dr. S. DHANDAPANI Asst. Professor in Computer Science, Govt. Arts and Science College, Thuvakkudi, Tiruchirapalli E-Mail: sdpudt@rediffmail.com Mobile No.: 9943357265	Sign
Industry Expert	
Mr. K. Jeevanantham Software Engineer CTS, Coimbatore E-Mail: jeeva3262@gmail.com Mobile No. : 8760461333	Sign

Academic Expert & Auditor	
Dr.N. Krishnaveni Assistant Professor in Information Technology, Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore. E-Mail: krishnaveni.adu@gmail.com Mobile No.: 9787570867	Sign
Alumnus nominated by Principal / HoD	
Ms. A. Swarnamugi, MCA, MCET College, Pollachi. E-Mail: swarnamugi8523@gmail.com Contact No. 7395868113	Sign
Student Members	
Selvan. T. Sujith – (22IT21) FINAL YEAR	Sign
Selvan. P. Sri Samrakshan – (23IT16) SECOND YEAR	

ANNEXURE I

Minutes of the BoS/IT 16th/ Previous Meeting – Action Taken Report

S. No.	Suggestion given by expert members	Action taken
1	23UIT104 – CC Lab. II Web Designing (HTML & DHTML) changed as self study lab. 24UIT1S1 – SS Lab. I: Web designing (HTML).	Reviewed and Implemented
2	23UIT206 – CC Lab. II Programming in Java changed as 24UIT206 - Programming in Java with Data Structures.	Reviewed and Implemented
3	23UIT3A3 – Microprocessor and Assembly Language Programming changed as 24UIT3A3 – Microprocessor and reduced one hour for Assembly Language Programming chapter removed. Due to 24UIT3N1/N2 - NME hour has been increased.	Reviewed and Implemented
4	24UIT3VA – VAC I: Work Place Digitization Lab. has introduced.	Reviewed and Implemented
5	24UIT4VA – VAC II: Data Visualization Lab. has introduced.	Reviewed and Implemented
6	23UIT4A1/A2 – Software Engineering/Software Project Management reduced one hour in 24UIT4A1/A2. Due to 24UIT4N1/N2 - NME hour has been increased.	Reviewed and Implemented
7	24UIT6E4 – Machine Learning is introduced in DSE –II.	Reviewed and Implemented
8	24UIT6E6- Digital marketing is introduced in	Reviewed and Implemented
9	24UIT6E7 – Big data analytics in introduced in	Reviewed and Implemented

HoD **Principal**

List of Courses having focus on local, national, regional and global developmental needs offered by the Department of Information Technology

Information Technology						
Programme: B.Sc. Information Technology		**Year 2025 - 2026**				
Course Code	**Title of the Course**	**Need(s)**				**Rationale**
		Local	**Regional**	**National**	**Global**	
25UIT101	CC-I: Programming in 'C'			✓		To know well about the basic programming concepts
25UIT102	CC-II: Computer System Architecture	✓				To meet the requirements of appearing National Eligible Test (NET) and SET
25UIT103	CC Lab. I - Programming in 'C'			✓		To know well about the basic programming skills
25UIT1S1	SS Lab. – I : Web Designing (HTML) Self study	✓				To get better knowledge to build a website.
25UIT1A1	GE I - Allied : Mathematics - I (Vedic & Statistics)	✓		✓		To build the Vedic mathematical skills for programming
25UIT1A2	GE I – ALLIED: Mathematics I (Numerical Methods)	✓		✓		To build the mathematical skills for programming
25UIT204	CC- III: Object Oriented Programming with Java			✓		To design and program stand alone Java applications.
25UIT205	CC –IV Data Structures				✓	To solve problems using data structures and writing programs

25UIT206	CC Lab. II - Programming in Java with Data Structures			✓		To design and program stand - alone Java applica tions with data structure concepts
25UIT2A1	GE II – ALLIED: Mathematics II (Discrete Mathematics)		✓			To build the mathematical skills for programming
25UIT2A2	GE II – ALLIED: Mathematics II (Operations Research)		✓			To build the mathematical skills for programming
25UIT2S1	SEC I: Naan Mudhalvan : Web Programming Lab. (CSS with Javascript)	✓	✓			To get better knowledge to build a website.
25UIT307	CC - V: Operating Systems		✓			To make the computer system convenient to use in an efficient manner
25UIT308	CC - VI: Relational Database Management System			✓		To have a broad understanding of database concepts and database management system software.
25UIT309	CC Lab. III RDBMS			✓		To know well about the basics of database programming.
25UIT310	CC Lab. IV Excel	✓				To get better knowledge to build a website.
25UIT3A1	GE III – ALLIED: Microprocessor			✓		To meet the requirements of appearing National Eligible Test (NET) and SET
25UIT3A2	GE III – ALLIED: Embedded Systems.			✓		To meet the requirements of appearing National Eligible Test (NET) and SET

25UIT3N1	Skill Based Non-Major- I (Social Networks)	✓		✓	✓	To prepare students for evaluating the best social media platform(s) for their business
25UIT3N2	Skill Based Non-Major- I (Hardware &Networking)	✓		✓	✓	To understand and Identify the existing configuration of the computers & peripherals.
25UIT411	CC - VII: Data Communication and Networks				✓	To meet the requirements of appearing National Eligible Test (NET) and SET
25UIT412	CC – VIII: Advanced Java Programming			✓		To learn test, and debug advanced-level Object-Oriented program s using Java
25UIT413	CC Lab. V – Programming in Advanced Java			✓		To learn test, and debug advanced-level Object-Oriented program s using Java
25UIT4S1	SEC II: Naan Mudhalvan : (PHP)	✓	✓	✓	✓	To get better knowledge to build a website.
25UIT4S2	SEC II: Naan Mudhalvan: Quantitative Aptitude.	✓	✓	✓	✓	To develop critical thinking and analytical skills
25UIT4A1	GE IV – ALLIED: Software Engineering	✓	✓	✓	✓	This broad education is necessary to understand the High impact of software Engineering solutions

25UIT4A2	GE IV – ALLIED: Software Project Management	✓	✓	✓	✓	This broad education is necessary to understand the High impact of software Project Management solutions in local and global, economic, environmental, and societal context
25UIT4N1	Non-Major- II (Data Analytics)				✓	To Apply principles of Data Science to the analysis of business problems.
25UIT4N2	Non-Major- II (Cyber Security)			✓	✓	To implement security measures in computer system and networks
25UIT514	CC – IX: Python Programming		✓		✓	Design and develop Python programs in the areas related to web design, cloud computing, IoT and data analytics.
25UIT515	CC – X: Visual Programming			✓		Create and manipulate GUI and MVC components in C# .Net
25UIT5E1	DSE – I: Data Mining				✓	Different types of organizations use the technology to harness the data and extract value from it.

25UIT5E2	DSE – I: Cloud Computing		✓	✓	✓	To enhance the effectiveness of various businesses using cloud storage globally
25UIT5E3	DSE – I: Wireless Networks				✓	To meet the requirements of appearing National Eligible Test (NET) and SET
25UIT516	CC Lab. VI - Visual Programming	✓		✓		To Design and Implement Windows Applications using Windows Forms, Control Library, Advanced UI Programming & Data Binding concepts.
25UIT517	CC Lab. VII: Python Programming			✓		Design and develop Python programs in the areas related to web design, cloud computing, IoT and data analytics.
25UIT5S1	SEC III: Digital Content Development Lab. (Scribus)	✓	✓			To Demonstrate Photoshop related and transferable skills that are relevant to industry and employment opportunity
25UIT5S2	SEC III : Digital Content Development Lab. (Canva)	✓	✓			To Demonstrate Photoshop related and transferable skills that are relevant to industry and employment opportunity

25UIT5AL	ALC – I: Cyber Law (Optional)		✓	✓	✓	To enhance the security based on Cyber Law
25UIT618	CC – X1: Information Security				✓	To enhance the security of various components using algorithms globally
25UIT6E4	DSE- II: Machine Learning		✓	✓	✓	Learning and analyzing the Machine Learning Algorithms
25UIT6E5	DSE – II: Internet of Things			✓	✓	The functional aspect of learning IoT is to unite every object of the world under one common infrastructure;
25UIT6E6	DSE- II : Digital Marketing	✓	✓	✓	✓	Utilizing this powerful E-commerce tools wisely has become eminently important for business-to-business (B2B) companies
25UIT6E7	DSE – III : Big Data Analytics			✓	✓	.Different types of organizations use the technology to harness the data and extract value from it and also to know analytical skills in the field of Social media.
25UIT6E8	DSE–III: Artificial Intelligence		✓	✓	✓	Learning and analyzing the AI techniques helps in solving real world proble ms

25UIT6E9	DSE - III: Block Chain Technology		✓	✓	✓	Ability to link knowledge of Computer Science with other auxiliary disciplines of study.
25UIT619	CC Lab. VIII - Software Testing & Data Visualization Tools			✓		Improves ability to use recent testing and visualization tools
25UIT620	CC Lab. IX – Open Source Methodologies			✓		To give practical knowledge on commands and editors available in Linux platform.
25UIT6S1	SEC IV: Naan Mudhalvan: - Generative AI Web development Lab.(Wix)	✓	✓			Ability to become an entrepreneur in field of advertising and marketing
25UIT6S2	SEC IV: Naan Mudhalvan: - Generative AI Web development Lab.(Framer)	✓	✓			Ability to become an entrepreneur in field of advertising and marketing
25UIT621	Project				✓	To give the practical knowledge on courses studied throughout and used to develop software.
25UIT6AL	ALC – II: Digital Forensics (optional)		✓	✓	✓	To understand about forensics and techniques for conducting the forensic examination on different digital devices

HoD **PRINCIPAL**

List of Courses having focus on employability/ entrepreneurship/ skill development offered by the Department of Information Technology

DEPARTMENT OF INFORMATION TECHNOLOGY						
PROGRAMME: B.Sc. IT		**YEAR : 2025 - 2026**				
COURSE	**TITLE OF THE COURSE**	**EMPLOYABILITY (EM) / ENTREPRENUERSHIP (EN) / SKILL DEVELOPMENT(SD)**			**FOCUS**	**YEAR OF INTRODUCTION**
		EM	**EN**	**SD**		
25UIT101	CC I: Programming in 'C'	✓	✓	✓	EM : Programming EN: Debugging SD: Problem Solving	2009
25UIT102	CC – II : Computer System Architecture	✓	✓		EN : Logical Design EM : Model Formulation	2015
25UIT103	CC Lab. I - Programming in 'C'	✓	✓	✓	EM : Programming EN: Debugging SD: Problem Solving	2009
25UIT1S1	SS Lab. – I : Web Designing (HTML) Self study	✓		✓	EM : Web Designing SD: Script programming	2019
25UIT1A1	GE I - Allied : Mathematics - I (Vedic & & Statistics)			✓	SD: Problem Solving	2018 & 2025
25UIT1A2	GE I – ALLIED: Mathematics I (Numerical Methods)			✓	SD: Problem Solving	2023
25UIT204	CC- III: Object Oriented Programming with Java		✓	✓	EN: Application Development SD: OOP	2016
25UIT205	CC –IV Data Structures			✓	SD: Memory Architecture	2009
25UIT206	CC Lab. II - Programming in Java with Data Structures			✓	EN: Application Development SD: OOP	2016

25UIT2A1	GE II – ALLIED: Mathematics II (Discrete Mathematics)			✓	SD: Problem Solving	2019
25UIT2A2	GE II – ALLIED: Mathematics II (Operations Research)			✓	SD: Problem Solving	2023
25UIT2S1	SEC I: Naan Mudhalvan : Web Programming Lab. (CSS with Javascript)	✓		✓	EM: Web Programmer SD: Web Designing	2025
25UIT307	CC - V: Operating Systems		✓	✓	EM: Recent Platforms SD: System Structure	2012
25UIT308	CC - VI: Relational Database Management System	✓		✓	EM : Database concepts SD: Database Programming	2008
25UIT309	CC Lab. III RDBMS	✓		✓	EM : Database concepts SD: Database Programming	2008
25UIT310	CC Lab. IV Excel	✓			EM : Data Analysis	2023
25UIT3A1	GE III – ALLIED: Microprocessor			✓	SD : Hardware architecture	2008
25UIT3A2	GE III – ALLIED: Embedded Systems.	✓		✓	EM: Device Management SD : Hardware architecture	2023
25UIT3N1	Non-Major- I (Social Networks)			✓	SD: Aware of social media	2019
25UIT3N2	Non-Major- I (Hardware &Networking)	✓		✓	EM : Hardware service provider SD : Hardware architecture	2011
25UIT411	CC - VII: Data Communication and Networks	✓		✓	EM : Network Administration SD: Networking Concepts	2014

25UIT412	CC – VIII: Advanced Java Programming	✓	✓	✓	EM : Application programmer EN: Application Development SD: Programming for web	2011 & 2025
25UIT413	CC Lab. V – Programming in Advanced Java	✓	✓	✓	EM : Application programmer EN: Application Development SD: Programming for web	2011 & 2025
25UIT4S1	SEC II: Naan Mudhalvan : PHP			✓	SD: Data Visualization	2013
25UIT4S2	SEC I: Naan Mudhalvan: Quantitative Aptitude.		✓	✓	EN: Aptitude Trainer SD: Analytical skills	2023
25UIT4A1	GE IV – ALLIED: Software Engineering	✓		✓	EM: Software developer SD: Modular Programming using software models	2013
25UIT4A2	GE IV – ALLIED: Software Project Management	✓		✓	EM: Project Management SD: planning for the Software Project	2023
25UIT4N1	Non-Major- II (Data Analytics)	✓		✓	EM: To become a Data Analyst SD : Learn how to analysis Data in large scale	2019
25UIT4N2	Non-Major- II (Cyber Security)	✓		✓	EM: Solving Security issues SD: Handle Security mechanisms	2025
25UIT514	CC – X1: Python Programming	✓		✓	EM: Programmer SD: Develop new software using Python	2021

25UIT515	CC – X: Visual Programming	✓		✓	EM: Software developer SD: Real time Application Development	2018 & 2025
25UIT5E1	DSE – I: Data Mining	✓	✓	✓	EM: To become a Data Analyst SD : Learn how to analysis Data in large scale	2018
25UIT5E2	DSE – I: Cloud Computing	✓	✓	✓	EM: Server Management EN: cloud service provider SD: Cloud web services	2013
25UIT5E3	DSE – I: Wireless Networks	✓	✓		EM: Network Administration EN: Network Administrator	2023
25UIT516	CC Lab. VI - Visual Programming	✓		✓	EM: Software developer SD: Real time Application Development	2018 & 2025
25UIT517	CC Lab. VII: Python Programming	✓		✓	EM: Programmer SD: Develop new software using Python	2021
25UIT5S1	SEC III : Digital content Development lab. (Scribus)	✓	✓	✓	EM: Graphics Designer EN: Graphics Designer SD: Learn DTP Software	2025
25UIT5S2	SEC III : Digital content Development lab.. (Canva)	✓		✓	EM: Graphics Designer SD: Learn Canva tools	2023

25UIT5AL	ALC – I: Cyber Law (Optional)	✓		✓	EM: Cyber crime prevention SD: Learn laws related to cyber crimes	2024
25UIT618	CC – XI: Information Security	✓		✓	EM: Solving Security issues SD: Handle Security mechanisms	2018
25UIT6E4	DSE – II : Machine Learning	✓		✓	EM: Data Analyst SD: Data analytical skills using various tools	2023
25UIT6E5	DSE – II: Internet of Things	✓		✓	EM: Hardware Designer SD: Real time applications of IOT	2021
25UIT6E6	DSE – II : Digital Marketing		✓	✓	EN: E-Business SD: Electronic Trading	2014
25UIT6E7	DSE – III : Big Data Analytics	✓		✓	EM: Data Analyst SD: Data analytical skills using various tools	2023
25UIT6E8	DSE – III: Artificial Intelligence	✓	✓	✓	EM: Robotics designer SD: How to Apply AI in various domain	2025
25UIT6E9	DSE - III: Block Chain Technology		✓	✓	EN: E-Business SD: Usage of Digital Money	2021
25UIT619	CC Lab. VII - Software Testing & Data Visualization Tools	✓		✓	EM : Software tester SD: To learn testing & Visualization tools	2014 & 2023
25UIT620	CC Lab. IX - Open Source Methodologies	✓		✓	EM : OS administration SD: Programming for Open source OS	2016

25UIT621	Project	✓	✓	✓	EN: Start an IT company SD: Learn to work with different tools and Technology	2013
25UIT6S1	SEC IV: Naan Mudhalvan: - Generative AI Web Development Lab.(Wix)	✓	✓	✓	EM: customer awareness campaigns EN: Animation designer SD: Interactive flash designer	2025
25UIT6S2	SEC IV: Naan Mudhalvan: - - Generative AI Web Development Lab. Lab.(Framer)	✓	✓	✓	EM: customer awareness campaigns EN: Animation designer SD: Interactive modeling in animation	2025
25UIT6AL	ALC – II: Digital Forensics (optional)	✓	✓	✓	EM: performing source-code forensics. EN: cyber forensics for audits, compliance, and investigation SD: to understand how a breach happened and who were the attackers.	2024

HoD **PRINCIPAL**

Percentage of Revision of Department of Information Technology Syllabus under Regulation 2025 – 2026

DEPARTMENT OF INFORMATION TECHNOLOGY							
S. No.	**Course**	**Course Name**	**Changes Details**	**% of Changes**	**Content Deleted**	**Content Updated**	**Reason for Change**
1	25UIT1A1	GE I – ALLIED: Mathematics I (Vedic & Statistics)	Removed & Added	40%	Unit I & II	Unit I & II	Due to UGC Guidelines Vedic Mathematics introduced
2	25UIT2S1	SEC-I: Naan Mudhalvan: Web Programming Lab. (CSS with Javascript)	Introduced	100%	-	-	Industry Expert Suggest.
3	25UIT204	CC - III: Object Oriented Programming with Java	Removed	20%	Unit IV	Unit III & IV	Student member
4	25UIT206	Programming in Java with Data Structures	Removed	20%	Lab exercise Applet	Lab excercise	Student member
5	25UIT412	CC - VIII: Advanced Java Programming	Removed & Added	40%	Unit I & II	Unit I & II	Alumini
6	25UIT413	CC Lab - V: Programming in Advanced Java	Removed & Added	40%	Swing, Bean lab exercises	JavaFX exercises	Alumini
7	25UIT4N2	Non Major Elective - II : Cyber Security	Introduced instead of Computer Security	100%	-	-	University Nominee
8	25UIT515	CC – X: Visual Programming	Removed & Added	40%	Unit IV & V	Unit IV & V	Industry Expert
9	25UIT516	CC Lab. VI: Visual Programming	Removed & Added	40%	VB.Net Removed	MVC	Industry Expert
10	25UIT5S1	SEC III : Digital Content Development Lab (Scribus)	Instead of Photoshop Scribus introduced	100%	-	-	Industry Expert

11	25UIT5S2	SEC III : Digital Content Development Lab . (Canva)	Name Changed Digital Content Development Lab	-	-	-	Industry Expert
12	25UIT6E8	DSE – III: Artificial Intelligence	Syllabus changed	100%	-	-	BOS members
13	25UIT6S1	SEC IV: Naan Mudhalvan: Generative AI Lab. Web Development (Wix)	Introduced	100%	-	-	Industry Expert
14	25UIT6S1	SEC IV: Naan Mudhalvan: Generative AI Lab. Web Development (Framer)	Introduced	100%	-	-	Industry Expert

HoD **PRINCIPAL**