



UNIVERSITY OF MADRAS
(Established under the Act of Incorporation XXVII of 1857 –
Madras University Act 1923) - (State University)
M.C.A. DEGREE EXAMINATION – APRIL 2025
[CHOICE BASED CREDIT SYSTEM]
THEORY TIME-TABLE

F.N. 10.00 a.m. to 1.00 p.m.

A.N. 02.00 p.m. to 5.00 p.m.

Maximum Marks : 075

FOR THE CANDIDATES ADMITTED PRIOR TO 2022-2023

FIRST SEMESTER

25.04.2025 FN	Paper I	C++ & Data Structures	PC21A
26.04.2025 FN	Paper II	Digital Computer Fundamentals	PSG1B/PC21B
28.04.2025 FN	Elective-I	Operating Systems	PSG3D/PC41A
29.04.2025 FN	Elective-I	Theory of Computation	PSGEG/PC41B
		Data Analytics Using R	PC41C
30.04.2025 FN	Paper III	Database Management Systems	PSG4B/PSC4N/PC21C
02.05.2025 FN	Extra Disciplinary I	Accounting & Financial Management	PEG3A/PEC3A/PC31A

SECOND SEMESTER

03.05.2025 FN	Paper VI	Design and Analysis of Algorithms	PSG3A/PC22A
05.05.2025 FN	Paper VII	Object Oriented Analysis and Design	PSG5A/PC22B
06.05.2025 FN	Paper VIII	Artificial Intelligence	PC22C
07.05.2025 FN	Elective II	Computer Networks	PSG4A/PC42A
08.05.2025 FN	Elective II	Digital Image Processing	PSGEA/PC42B
09.05.2025 FN	Elective II	Software Engineering	PSG4C/PC42C
10.05.2025 FN	Extra Disciplinary I	Web Based Application Development	PC32A

THIRD SEMESTER

12.05.2025 FN	Paper XI	Machine Learning	PC23A
13.05.2025 FN	Elective III	Software Project Management	PSC4R/PC43A
		Supply Chain Management	PC43B
		Management Information Systems	PC43C
14.05.2025 FN	Elective IV	Cloud Computing	PSGEJ/PC43E
		Mobile Computing	PC43D
		Soft Computing	PC43G
15.05.2025 FN	Elective V	Information Security	PSGEC/PC43J
		Mobile Application Development	PC43H
		Internet of Things	PC43K

FOR THE CANDIDATES ADMITTED FROM THE ACADEMIC YEAR 2022-2023

FIRST SEMESTER

29.04.2025 FN	Paper I	C++ & Data Structures	438C2A/IT21A/MC21A
25.04.2025AN	Paper II	Introduction to Computer Architecture	MC21B
30.04.2025 FN	Paper III	Relational Database Management Systems	438C2B/IT21C/MC21C
26.04.2025 AN	Extra Disciplinary I	Accounting & Financial Management	MC31A
28.04.2025 FN	Elective I	Operating Systems	IT23B/MC41A
26.04.2025 FN	Elective II	Theory of Computation	536C3C/CS31A/MC41B
30.04.2025 AN	Elective III	Data Mining and Data Warehousing	IT41A/MC41C

SECOND SEMESTER

02.05.2025 FN	Paper VI	Design and Analysis Algorithms	IT22A/MC22A
05.05.2025 FN	Paper VII	Agile Software Engineering	436E2E/CS43E/IT41C/MC22B
06.05.2025 AN	Paper VIII	Computer Networks	MC22C
05.05.2025 AN	Elective – II	Cyber Security	CS43A/MC42A
28.04.2025 FN	Elective – II	Cloud Computing	535E3C/IT42A/CS42A/MC42B
		Soft Computing	MC42C
07.05.2025 AN	Extra Disciplinary II	Web Based Application Development	MC32A

THIRD SEMESTER

07.05.2025 FN	<i>Paper IX</i>	<i>Machine Learning</i>	<i>IT23C/MC23A</i>
15.05.2025 FN	<i>Elective –III</i>	<i>Natural Language Processing</i>	<i>438E2D/CS42E /436E1E/MC43A</i>
09.05.2025 FN	<i>Elective –III</i>	<i>Mobile Application Development</i>	<i>MC43B</i>
		<i>Data Visualization</i>	<i>IT43C/MC43C</i>
10.05.2025 FN	<i>Elective-IV</i>	<i>Data Analytics/Big Data Analytics</i>	<i>IT42C/CS42C/MC43D</i>
25.04.2025 FN	<i>Elective-IV</i>	<i>Artificial Intelligence</i>	<i>535C3B/436E2A/CS21C/MC43E</i>
		<i>Deep Learning and Neural Networks</i>	<i>MC43F</i>
13.05.2025 FN	<i>Elective-V</i>	<i>Internet of Things</i>	<i>CS42B/IT43A/MC43G</i>
14.05.2025 FN	<i>Elective-V</i>	<i>Software Testing</i>	<i>IT42B/MC43H</i>
15.05.2025 AN	<i>Elective-V</i>	<i>Information Security</i>	<i>IT33A/MC43J</i>

For candidates admitted from the Academic year 2023-2024

FIRST SEMESTER

07.05.2025 FN	Discrete Mathematics	435C1A
08.05.2025 FN	Data Structures and Algorithms	435C1B
09.05.2025 FN	Python Programming	435C1C

10.05.2025 FN	Elective -1	Data Engineering and Management	435E1A
		Architecture and Frameworks	435E1B
		Operating Systems and UNIX	435E1C
SECOND SEMESTER			
02.05.2025 FN	Data Base Management System		435C2A
03.05.2025 FN	Big Data Analytics		435C2B
05.05.2025 FN	Computer Networks		435C2C
06.05.2025 FN	Elective III	Social Networking	435E2A
		Cyber Security	435E2B
		Block Chain Technologies	435E2C
THIRD SEMESTER			
29.04.2025 FN	Web Technology and Advanced Java Programming		535C3A
25.04.2025 FN	Theory Artificial Intelligence		535C3B/CS21C/MC43E/436E2A
30.04.2025 FN	Theory Advanced Machine Learning		535C3C
26.04.2025 FN	ELECTIVE V	Software Development Technologies	535E3A/436E2B
		Cryptography and Network Security	535E3B
28.04.2025 FN	ELECTIVE V	Cloud Computing	535E3C/CS42A/MC42B/IT42A
FOURTH SEMESTER			
23.04.2025 FN	Computer Vision		535C4A
24.04.2025 FN	Elective VI	Internet of Things	535E4A
		High Performance Computing	535E4B
		Parallel and Distributed Computing	535E4C
<p><i>University Centenary Building</i> Chepauk, Chennai – 600 005.</p> <p style="text-align: right;">Controller of Examinations. i/c</p> <p>APRIL 2025.</p>			



UNIVERSITY OF MADRAS
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M.Sc. COMPUTER SCIENCE DEGREE EXAMINATIONS
APRIL 2025 – [CHOICE BASED CREDIT SYSTEM]
THEORY - TIME-TABLE

F.N.: 10.00 a.m. to 01.00 p.m.
A.N.: 02.00 p.m. to 05.00 p.m.

Maximum Marks: 075

For candidates admitted prior to 2022-2023

FIRST SEMESTER

25.04.2025 FN	Design and Analysis of Algorithms	PSD1A
26.04.2025 FN	Advanced Java Programming	PSD1B
28.04.2025 FN	System Software (Common Paper for M.Sc.-Applied Electronics)	PSD1C/ PSA1C/ MCSBA
29.04.2025 FN	Non-Major Elective-I Theoretical Foundations of Computer Science	PED1A/ PNA1A

SECOND SEMESTER

30.04.2025 FN	Computer Networks	PSD2A	
02.05.2025 FN	Digital Image Processing	PSD2B	
03.05.2025 FN	ELECTIVE-I	Mobile Computing	PSDEA
		Computer Graphics	PSDEC
05.05.2025 FN	ELECTIVE-I	Computer Simulation and Modeling	PSDEB/ PSAEJ
06.05.2025 FN	Extra Disciplinary Elective-II	Object Oriented Analysis and Design	PED2A

THIRD SEMESTER

07.05.2025 FN	Principles of Compiler Design		PSD3A/ PSA3G
08.05.2025 FN	Information Security		PSD3B
09.05.2025 FN	Artificial Intelligence		PSD3C/ PSAEG
10.05.2025 FN	ELECTIVE-II	Big Data Analytics	PSDED
		Cryptography	PSDEE/ PSAEK
12.05.2025 FN	ELECTIVE-II	Distributed Database Systems	PSDEF/ PSA2E
13.05.2025 FN	ELECTIVE-III	Multimedia Systems	PSDEG
		E-Commerce	PSDEH
		Cloud Computing	PSDEJ

For candidates admitted from the Academic year 2022-2023

FIRST SEMESTER

09.05.2025 FN	Paper -1	Advanced Data Structure and Algorithms	436C1A/CS21A
10.05.2025 FN	Paper- 2	Advanced PYTHON Programming	436C1B/CS21B

25.04.2025 FN	Paper-3	Artificial Intelligence	535C38/436E2A/MC43E /CS21C/
26.04.2025 FN	Extra Disciplinary	Theory of Computations	536C3C/MC41B/CS31A
SECOND SEMESTER			
12.05.2025 FN	Paper-6	Machine Learning	536C3B/538C3B/CS22A
26.04.2025 AN	Paper-7	Advanced Networks	CS22B
14.05.2025 FN	Extra –Disciplinary	Principles of Compiler Design	436E1D /CS32A
28.04.2025 FN	Elective-1	Cloud Computing	535E3C/MC42B/IT42A/CS42A
13.05.2025 FN	Elective -1	Internet of Things	IT43A/MC43G/CS42B
10.05.2025 FN	Elective- 1	Data Analytics/Big Data Analytics	MC43D/IT42C/CS42C
15.05.2025 FN	Elective-2	Full Stack Web Development	CS42D
		Natural Language Processing	438E2D/MC43A/ 436E1E /CS42E
23.04.2025 FN	Elective – 2	Digital Image Processing	CS42G/536C4A
THIRD SEMESTER			
29.04.2025 FN	Paper-10	Parallel And Distributed Computing	536E3C/CS23A
30.04.2025 AN	Paper-11	Deep Learning and Neural Networks	CS23B
28.04.2025 FN	Paper-12	Cryptography	536E3B/CS23C
05.05.2025 AN	Elective – 3	Cyber Security	MC42A/CS43A
13.05.2025 FN	Elective – 3	Advanced Computer Architecture	436E1C /CS43B
16.05.2025 FN	Elective – 3	Distributed Database Systems	436E1F/CS43C
06.05.2025 FN	Elective – 4	Human Computer Interaction	436E2F/CS43D
05.05.2025 FN	Elective – 4	Agile Software Engineering	436E2E/IT41C/MC22B/CS43E
03.05.2025 FN	Elective – 4	Computer Vision	436E2D /CS43F
For candidates admitted from the Academic year 2023-2024			
FIRST SEMESTER			
09.05.2025 FN	Paper 1	Advanced Data Structures and Algorithms	CS21A/436C1A
10.05.2025 FN	Paper 2	Advanced Python Programming	CS21B/436C1B
13.05.2025 FN	Elective – 1	Cloud Computing	436E1A
		Internet of Things	436E1B
		Advanced Computer Architecture	CS43B/436E1C
14.05.2025 FN	Elective – 2	Principles of Compiler Design	CS32A/436E1D
15.05.2025 FN	Elective - 2	Natural Language Processing	438E2D/MC43A/ CS42E/436E1E
16.05.2025 FN	Elective - 2	Distributed Database Systems	CS43C/436E1F
SECOND SEMESTER			
07.05.2025 FN	Paper 3	Data Mining and Warehousing	436C2A
08.05.2025 FN	Paper 4	Web Technology and Advanced Java	436C2B
25.04.2025 FN	Elective III	Artificial Intelligence	535C3B/436E2A /CS21C/ MC43E

26.04.2025 FN	Elective III	Software Development Technologies	535E3A/436E2B
	Elective III	Artificial Neural Networks and Deep Learning	436E2C
03.05.2025 FN	Elective IV	Computer Vision	436E2D/CS43F
05.05.2025 FN	Elective IV	Agile Software Engineering	436E2E/CS43E/MC22B/ IT41C
06.05.2025 FN	Elective IV	Human Computer Interaction	436E2F/CS43D
THIRD SEMESTER			
30.04.2025 FN	Paper 5	Data Science and Analytics	536C3A
12.05.2025 FN	Paper 6	Machine Learning	536C3B/538C3B/CS22A/
26.04.2025 FN	Paper 7	Theory of Computation	536C3C/CS31A/MC41B
28.04.2025 FN	Elective –V (Any one)	Network Security	536E3A
		Cryptography	536E3B/CS23C
29.04.2025 FN	Elective –V (Any one)	Parallel and Distributed Computing	536E3C/CS23A
FOURTH SEMESTER			
23.04.2025 FN	Paper 8	Digital Image Processing	CS42G/536C4A
24.04.2025 FN	Elective VI	Robotic Process Automation for Business	536E4A
		Block Chain Technology	536E4B
		Embedded Systems	536E4C
University Centenary Building Chepauk, Chennai – 600 005. APRIL 2025.		Controller of Examinations i/c	



UNIVERSITY OF MADRAS
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M.Sc. INFORMATION TECHNOLOGY DEGREE EXAMINATION
APRIL 2025- CHOICE BASED CREDIT SYSTEM
THEORY TIME -TABLE

F.N.: 10.00 a.m. to 1.00 p.m.
A.N.: 02.00 p.m. to 5.00 p.m.

Maximum Marks: 075

For candidates admitted prior to 2022-2023

Date & Session	Subject Name		Subject Code
FIRST SEMESTER			
25.04.2025 FN	C ++ and Data Structures		PSB1A
26.04.2025 FN	Computer Architecture		PSB1B
28.04.2025 FN	Database Management Systems		PSB1C
29.04.2025 FN	ELECTIV E-I	Visual Programming	PSBEA
		E-Commerce	PSBEB
		Programming in C	PSBEC
SECOND SEMESTER			
30.04.2025 FN	Operating Systems		PSB2D
02.05.2025 FN	Programming in Java		PSB2E
03.05.2025 FN	ELECTIV E-II	Software Engineering	PSBED
03.05.2025 FN		Data Warehousing and Data Mining	PSBEE
		Software Testing	PSBEG
05.05.2025 FN	ELECTIV E-III	Internet Technology	PSBEH
		Multimedia Systems	PSBEJ
		Windows Programming	PSBEK
THIRD SEMESTER			
06.05.2025 FN	Computer Networks		PSB3G
07.05.2025 FN	Design and Analysis of Algorithms		PSB3H
08.05.2025 FN	Advanced Java Programming		PSB3J
09.05.2025 FN	Extra Disciplinary – Information Security		PEB3A
10.05.2025 FN	ELECTIV E-IV	Mobile Computing	PSBEL
		Artificial Intelligence	PSBEM
		Computer Graphics	PSBEN

For candidates admitted From to the Academic year 2022-2023

FIRST SEMESTER			
29.04.2025 FN	Paper I	C++ & Data Structures	438C2A/ MC21A/ IT21A
03.05.2025 FN	Paper II	Computer Architecture	IT21B
30.04.2025 FN	Paper III	Relational Database Management Systems	MC21C/IT21C/438C2B
30.04.2025 AN	Elective I	Data Mining & Data Warehousing	MC41C/IT41A
		E-Commerce	IT41B

05.05.2025 FN	Elective I	Agile Software Engineering	436E2E/CS43E/ MC22B/IT41C
SECOND SEMESTER			
02.05.2025 FN	Paper VI	Design & Analysis of Algorithms	MC22A/IT22A
03.05.2025 AN	Paper VII	Programming in Java	IT22B
28.04.2025 FN	Elective II	Cloud Computing	535E3C/MC42B/ CS42A/ IT42A
14.05.2025 FN	Elective II	Software Testing	MC43H/IT42B
10.05.2025 FN	Elective II	Data Analytics/Big data Analytics	CS42C/MC43D/IT42C
07.05.2025 AN	Elective III	Web Technology	IT42D
		Python Programming	IT42E
		Mobile Application Development	IT42G
THIRD SEMESTER			
25.04.2025 AN	Paper-10	Computing Networks	IT23A
28.04.2025 FN	Paper-11	Operating Systems	MC41A/IT23B
07.05.2025 FN	Paper-12	Machine Learning	MC23A/IT23C
15.05.2025 AN	Extra Disciplinary	Information Security	MC43J/IT33A
13.05.2025 FN	Elective -4	Internet of Things	MC43G/CS42B/IT43A
		Computer Vision	IT43B
09.05.2025 FN	Elective -4	Data Visualization	MC43C/IT43C
FROM THE ACADEMIC YEAR 2023-2024			
FIRST SEMESTER			
07.05.2025 AN		Python Programming	438C1A
08.05.2025 AN		Web Development Using WordPress	438C1B
09.05.2025AN	Elective – 1	Digital Computer Architecture	438E1A
		Operating Systems	438E1B
		Design and Analysis of Algorithms	438E1C
10.05.2025AN	Elective – 2	Software Engineering	438E1D
		Object Oriented Analysis and Design	438E1E
		Software Project Management	438E1F
SECOND SEMESTER			
29.04.2025 FN		C++ and Data Structure	438C2A/IT21A/MC21A
/30.04.2025 FN		Relational Data Base Management	438C2B/IT21C/MC21C

<i>02.05.2025 FN</i>	<i>Elective - III</i>	<i>Data Science</i>	<i>438E2A</i>
		<i>Net with C#</i>	<i>438E2B</i>
		<i>Biometric Techniques</i>	<i>438E2C</i>
<i>15.05.2025 FN</i>	<i>Elective IV</i>	<i>Natural Language Processing</i>	<i>438E2D/CS42E/ MC43A/436E1E</i>
		<i>Data Visualization</i>	<i>438E2E</i>
		<i>Cloud Computing</i>	<i>438E2F</i>
THIRD SEMESTER			
<i>25.04.2025 FN</i>		Web Technology and Advanced Java	538C3A
12.05.2025 FN		Machine Learning	538C3B/536C3B/CS22A
<i>26.04.2025 FN</i>		Computer Networks	538C3C
<i>28.04.2025 FN</i>	Elective –V	Research Methodology	538E3A
		Internet of Things	538E3B
		Trends in Computing	538E3C
FOURTH SEMESTER			
23.04.2025 FN	Computer Vision		538C4A
24.04.2025 FN	Elective VI	Intelligent Systems	538E4A
		Introduction to Robotics	538E4B
		Virtual and Augmented Reality	538E4C
<i>University Centenary Building</i> <i>Chepauk, Chennai – 600 005.</i> <i>APRIL 2025.</i>		Controller of Examinations. i/c	