

Kaveri University
M. Tech. in COMPUTER SCIENCE AND ENGINEERING
COURSE STRUCTURE AND SYLLABUS
Applicable from Academic Year 2026-2027

I YEAR I – SEMESTER

Course Code	Course Title	L	T	P	Credits
26CS101PC	Mathematical foundations of Computer Science	3	1	0	4
26CS102PC	Advanced Algorithms	3	0	0	3
26CS103PC	Foundations of Modern AI	3	0	0	3
26CS104PC	Advanced Computer Architecture and Parallel Computing	3	1	0	4
26CS11XPE	1. Database Programming with PL/SQL 2. Soft Computing and its Applications 3. Natural Language Processing 4. Bigdata Analytics 5. IOT in Edge Computing	3	0	0	3
26CS105PC	Advanced algorithms Lab	0	0	4	2
26CS107PC	Machine Learning Lab	0	0	4	2
26CS108PC	Research Methodology and Technical Writing	2	0	0	2
Audit-1	Audit Course - I	2	0	0	0
	Total	17+2[^]	2	8	23

I YEAR II – SEMESTER

Course Code	Course Title	L	T	P	Credits
26CS201PC	Advanced Database Systems	3	0	0	3
26CS202PC	Distributed and Cloud Computing	3	0	0	3
26CS203PC	Computer Vision and AI	3	1	0	4
26CS22XPE	1. Enterprise Cloud Concepts 2. Blockchain Technology and Hyper Ledger 3. Large Language Models 4. Applied Cryptography	3	1	0	4
26CS23XPE	1. Bioinformatics 2. Ad hoc Sensor Networks 3. Robotic Process Automation 4. Generative AI	3	1	0	4
26CS204PC	Computer Vision and AI Lab	0	0	4	2
26CS205PR	Mini Project with Seminar	0	0	8	4
Audit – II	Audit Course- II	2	0	0	0
	Total	15+2[^]	3	16	24

II YEAR I – SEMESTER

Course Code	Course Title	L	T	P	Credits
26CS34XPE	1. Digital Forensics 2. Agentic AI 3. Quantum Computing 4. Prompt Engineering	3	1	0	4
OE	Open Elective	3	0	0	3
26CS301PR	Dissertation Work Review – II	0	0	18	6
	Total	6	1	18	13

II YEAR II– SEMESTER

Course Code	Course Title	L	T	P	Credits
26CS401PR	Dissertation Work Review – III	0	0	18	6
26CS402PR	Dissertation Viva-Voce	0	0	42	14
	Total	0	0	60	20

For Dissertation Work Review - I, please refer Academic Regulations.

Audit Course I&II:

1. English for Research Paper Writing
2. Disaster Management
3. Sanskrit for Technical Knowledge
4. Value Education
5. Constitution of India
6. Pedagogy Studies
7. Stress Management by yoga
8. Personality Development Through Life Enlightenment Skills

Open Electives for other Departments:

1. Intellectual Property Rights
2. Generative AI
3. Intrusion Detection Systems
4. Digital Forensics

SEMESTER WISE DISTRIBUTION OF CREDITS

Semester	Credits
1	23
2	24
3	13
4	20
Total	80