

JAHANGIRNAGAR UNIVERSITY

DEPARTMENT OF CSE

Bachelor Program

< 4-Year - Total Credit:-160 >

1st Year

1st semester

COURSE CODE	TITLE	CREDIT
CSE-100	VIVA-VOICE	1
MATH-101	MATHEMATICS-I	3
ENG-103	COMMUNICATIVE ENGLISH	3
CSE-105	STRUCTURE PROGRAMMING LANGUAGE	3
CSE-106	STRUCTURE PROGRAMMING LANGUAGE LAB. (C)	1
CSE-107	ELECTRICAL CIRCUITS	3
CSE-108	ELECTRICAL CIRCUITS LAB.	1
PHY-109	PHYSICS	3
URP-112	COMPUTER AIDED ENGINEERING DRAWING LAB.	1

Theory: 15 credit

Laboratory: 3 credit

Board Viva: 1 credit

Total: 19 credit

2nd semester

COURSE CODE	TITLE	CREDIT
CSE-150	Viva-Voice	1
MATH-101	Mathematics-II	3
CSE-153	Discrete Mathematics	3
CSE-155	Data Structures	3
CSE-156	Data Structures LAB.	1
CSE-157	Electronic Devices and Circuits	3
CSE-158	Electronic Devices and Circuits LAB.	1
CSE-159	Object Oriented Programming	3
CSE-160	Object Oriented Programming LAB. (C++)	1
CSE-162	Technical Writing and Presentation LAB.	1

Theory: 15 credit

Laboratory: 4 credit

Board Viva: 1 credit

Total: 20 credit

2nd Year

1st semester

COURSE CODE	TITLE	CREDIT
CSE-200	Viva-Voice	1
MATH-201	Mathematics-III	3
CSE-203	Computer Ethics And Cyber law	3
CSE-205	Numerical Methods	3
CSE-206	Numerical Methods LAB.	1
CSE-207	Electronic Devices and Circuits II	3
CSE-208	Electronic Devices and Circuits II LAB.	1
CSE-209	Algorithms	3
CSE-210	Algorithms LAB.	1
CSE-212	Object Oriented Programming LAB. (JAVA)	1

Theory: 15 credit

Laboratory: 4 credit

Board Viva: 1 credit

Total: 20 credit

2nd semester

COURSE CODE	TITLE	CREDIT
CSE-250	Viva-Voice	1
CSE-251	Introduction to Probability and Statistics	3
CSE-253	Digital Logic Design	3
CSE-254	Digital Logic Design LAB.	1
CSE-255	Database System	3
CSE-256	Database System LAB.	1
CSE-257	Algorithms II	3
CSE-258	Algorithms II LAB.	1
CSE-259	Data and Telecommunication	3
CSE-260	Data and Telecommunication LAB.	1

Theory: 15 credit

Laboratory: 4 credit

Board Viva: 1 credit

Total: 20 credit

3rd Year

1st semester

COURSE CODE	TITLE	CREDIT
CSE-300	Viva-Voice	1
ECO-301	Economics	3
CSE-303	Computer Graphics	3
CSE-304	Computer Graphics LAB.	1
CSE-305	Computational Geometry	3
CSE-307	Computer Architecture and Organisation	3
CSE-309	Operating System	3
CSE-310	Operating System LAB.	1
CSE-312	Web Design And Computer LAB.I (PHP/C#)	2
CSE-314	OOAD LAB.	2

Theory: 15 credit

Laboratory: 6 credit

Board Viva: 1 credit

Total: 22 credit

2nd semester

COURSE CODE	TITLE	CREDIT
CSE-350	Viva-Voice	1
BIS-351	Management And Accounting	3
CSE-353	Human Computer Interaction	3
CSE-355	Introduction To Bioinformatics	3
CSE-357	Microprocessor	3
CSE-358	Microprocessor And Assembly Language LAB.	1
CSE-359	Computer Networks	3
CSE-360	Computer Networks LAB.	1
CSE-362	Web Design And Computer LAB.II (JAVASCRIPT / PHYTHON)	1

Theory: 15 credit

Laboratory: 3 credit

Board Viva: 1 credit

Total: 19 credit

4th Year

1st semester

COURSE CODE	TITLE	CREDIT
CSE-400	Viva-Voice	1
CSE-401	Theory Of Computation And Application	3
CSE-403	Software Engineering And Information System Design	3
CSE-404	Software Engineering And ISD LAB.	3
CSE-405	Digital image processing	1
CSE-406	Digital image processing LAB.	3
CSE-407	wireless network	1
CSE-410	Mobile Application Development LAB.	2
CSE-440	Research Project / Thesis	2

Theory: 12 credit

Laboratory: 4 credit

Board Viva: 1 credit

Research Project: 2 credit

Total: 19 credit

2nd semester

COURSE CODE	TITLE	CREDIT
CSE-450	Viva-Voice	1
CSE-451	Data Mining And Big Data Analysis	3
CSE-452	Data Mining And Big Data Analysis LAB.	1
CSE-453	Artificial Intelligence	3
CSE-454	Artificial Intelligence LAB.	1
CSE-455	Software Quality Assurance	3
CSE-457	Machine Learning	3
CSE-458	Machine Learning LAB.	1
CSE-460	IoT LAB.	2
CSE-480	Research Project / Thesis	3

Theory: 12 credit

Laboratory: 5 credit

Board Viva: 1 credit

Research Project: 3 credit

Total: 21 credit