

Vivekanand College, Kolhapur (Empowered Autonomous)

Department of Computer Science

Departmental Teaching and Evaluation scheme

Three/Four- Years UG Programme

Department/Subject Specific Core or Major (DSC)

(as per NEP-2020 Guidelines)

First Year Semester-I & II

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-I										
1	DSC-I	DSC03CSC11	Problem Solving using Computers-I	2	-	40	10	-	50	2
2	DSC-II	DSC03CSC12	Introduction to DBMS-I	2	-	40	10	-	50	2
3	MIN-I	MIN03CSC11	Problem Solving using Computers-I	2	-	40	10	-	50	2
4	MIN-II	MIN03CSC12	Introduction to DBMS-I	2	-	40	10	-	50	2
5	OEC-I	OEC03CSC11	Fundamentals of Computer-I	2	-	40	10	-	50	2
6	OEC-II	OEC03CSC12	Introduction to Web-I	2	-	40	10	-	50	2
7	IKS-I	IKS03GEC11	Indian Knowledge System	2	-	25	-	-	25	2
8	DSC-PR-I	DSC03CSC19	DSC Computer Sci Lab-1	-	4	-	-	25	25	2
9	MIN-PR-I	MIN03CSC19	MIN Computer Sci Lab-1	-	4	-	-	25	25	2
10	OEC-PR-I	OEC03CSC19	OEC Computer Sci Lab-1	-	4	-	-	25	25	2
Semester –I Total				14	12	265	60	75	400	20
Semester-II										
1	DSC-III	DSC03CSC21	Problem Solving using Computers-II	2	-	40	10	-	50	2
2	DSC-IV	DSC03CSC22	Introduction to DBMS-II	2	-	40	10	-	50	2
3	MIN-III	MIN03CSC21	Problem Solving using Computers-II	2	-	40	10	-	50	2
4	MIN-IV	MIN03CSC22	Introduction to DBMS-II	2	-	40	10	-	50	2
5	OEC-III	OEL03CSC21	Fundamentals of Computer-II	2	-	40	10	-	50	2
6	OEC-IV	OEL03CSC22	Introduction to Web-II	2	-	40	10	-	50	2
7	VSC-PR-I	VSC03CSC29	HTML and CSS	-	4	-	-	25	25	2
8	DSC-PR-II	DSC03CSC29	DSC Computer Sci Lab-2	-	4	-	-	25	25	2
9	MIN-PR-II	MIN03CSC29	MIN Computer Sci Lab-2	-	4	-	-	25	25	2
10	OEC-PR-II	OEC03CSC29	OEC Computer Sci Lab-2	-	4	-	-	25	25	2
Semester –II Total				12	16	240	60	100	400	20

Department of Computer Science
Departmental Teaching and Evaluation scheme
Second Year Semester-III & IV

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-III										
1	DSC-V	DSC03CSC31	Operating System-I	2	-	40	10	-	50	2
2	DSC-VI	DSC03CSC32	Object Oriented Programming	2	-	40	10	-	50	2
3	MIN-V	MIN03CSC31	Introduction to Operating System-I	2	-	40	10	-	50	2
4	MIN-VI	MIN03CSC32	Basics of Object-Oriented Programming	2	-	40	10	-	50	2
5	VSC-PR-II	VSC03CSC39	Java Script-I Lab	-	4	-	-	25	25	2
6	DSC-PR-III	DSC03CSC39	DSC- Computer Sci Lab-3	-	8	-	-	50	50	4
7	MIN-PR-III	MIN03CSC39	MIN- Computer Sci Lab-3	-	4	-	-	25	25	2
Semester –III Total				8	16	160	40	100	300	16
Semester-IV										
1	DSC-VII	DSC03CSC41	Operating System-II	2	-	40	10	-	50	2
2	DSC-VIII	DSC03CSC42	Algorithm Analysis and Data Structures	2	-	40	10	-	50	2
3	MIN-VII	MIN03CSC41	Introduction to Operating System-II	2	-	40	10	-	50	2
4	MIN-VIII	MIN03CSC42	Introduction to Data Structures	2	-	40	10	-	50	2
5	VSC-PR-III	VSC03CSC49	Java Script-II Lab	-	4	-	-	25	25	2
6	DSC-PR-IV	DSC03CSC49	DSC- Computer Sci Lab-4	-	8	-	-	50	50	4
7	MIN-PR-IV	MIN03CSC49	MIN- Computer Sci Lab-4	-	4	-	-	25	25	2
Semester –IV Total				8	16	160	40	100	300	16

Department of Computer Science
Departmental Teaching and Evaluation scheme

Third Year Semester-V & VI

Sr. No.	Course Abbr.	Course code	Course Name	Teaching Scheme Hours/week		Examination Scheme and Marks				Course Credits
				TH	PR	ESE	CIE	PR	Marks	
Semester-V										
1	DSC-IX	DSC03CSC51	Computer Network	2	-	40	10	-	50	2
2	DSC-X	DSC03CSC52	Software Engineering	2	-	40	10	-	50	2
3	DSC-XI	DSC03CSC53	Internet Technologies-I	2	-	40	10	-	50	2
4	DSC-XII	DSC03CSC54	Introduction to JAVA	2	-	40	10	-	50	2
5	DSE-I	DSE03CSC51	Software Architecture	2	-	40	10	-	50	2
		DSE03CSC52	Computer Organization and Architecture							
6	VSC-PR-IV	VSC03CSC59	Internet Technologies-I Lab	-	4	-	-	25	25	2
7	FP	FPR03CSC51	Field Project		4			50	50	2
8	DSC-PR-V	DSC03CSC59	DSC Computer Science Lab-5	-	16	-	-	100	100	8
Semester –V Total				10	24	200	50	175	425	22
Semester-VI										
1	DSC-XIII	DSC03CSC61	Advanced Computer Network	2	-	40	10	-	50	2
2	DSC-XIV	DSC03CSC62	Object Oriented Software Engineering	2	-	40	10	-	50	2
3	DSC-XV	DSC03CSC63	Internet Technologies-II	2	-	40	10	-	50	2
4	DSC-XVI	DSC03CSC64	Data Science using Python	2	-	40	10	-	50	2
5	DSE-II	DSE03CSC61	Computer Graphics	2	-	40	10	-	50	2
		DSE03CSC62	Compiler Design							
6	VSC-PR-V	VSC03CSC69	Internet Technologies-II Lab	-	4	-	-	25	25	2
7	OJT	OJT03CSC61	On Job Training		4			50	50	2
8	DSC-PR-VI	DSC03CSC69	DSC Computer Science Lab-6	-	16	-	-	100	100	8
Semester –VI Total				10	24	200	50	175	425	22

Abbreviations: TH-Theory, PR-Practical, PRO- Project, ESE- End Semester Examination, CIE-Continuous Internal Examination

Note: Minimum passing for 10 marks Internal evaluation = 04 marks
 Minimum passing for 40 marks Theory paper = 16 marks
 Minimum passing for 25 marks Practical = 10 marks
 Minimum passing for 50 marks Practical/FP/OJT = 20 marks
 Minimum passing for 100 marks Practical/FP = 40 marks

Passing percentage for Democracy, Election and Good Governance (DEGG) and Environmental Studies papers should be 40%

Separate passing for each Head - ESE, CIE and Practicals