

Objectives :

- To give the learners knowledge of advanced computer subjects including software and hardware.
- To enable the learners get a better job in computer industry. The jobs may include-System Analysts, Programmers, and Technical Facilitators in the industries and teaching posts in colleges and universities.
- To enable the learners to work as system managers and hardware engineers in IT industry.

Admission Eligibility :

Graduate with second division and PGDCA from VM Open University or PGDCA from any other University provided the student has covered 70% of the syllabus of PGDCA of VMOU.

OR

Graduate from any recognised university in any discipline with minimum second division.

Duration	:	Minimum 2 years for graduate : Maximum 6 years Minimum 1 year after PGDCA; Maximum 4 yrs.
Medium	:	English
Credit	:	The programme consists of 70 credits. In MScCS (Previous) 6 courses of 30 credits will be provided and in MScCS final 6 courses of 40 credits will be provided.
Fee	:	Rs. 12000/- for MSc CS Previous First Instalment Rs. 8400/-, Second Instalment Rs. 3600/- Rs. 15000/- for MSc CS (Final) First Instalment Rs. 9000/-, Second Instalment Rs. 6000/-

Programme Structure :

There will be six courses (Papers) in MSc CS previous and six courses (papers) in MScCS final. The courses wise (Paper wise) credits have been mentioned as under:

M.Sc. (Previous) Computer Science

S. No.	Name of the Course	Course Code	Theory Paper	Practical Paper	Total Marks	Credit
1.	Computer Fundamental and System Software	MScCS - 01	100	50	150	5
2.	Application Software & Web Designing	MScCS - 02	100	50	150	5
3.	OOPS Programming with C++ and Java	MScCS - 03	100	50	150	5
4.	Programming in VB and Dot Net	MScCS - 04	100	50	150	5
5.	Computer Networking & Network & Internet	MScCS - 05	100	50	150	5
6.	Project	MScCS - 06	150	-	150	5

M.Sc. (Final) Computer Science

S. No.	Name of the Course	Course Code	Theory Paper	Practical Paper	Total Marks	Credit	Counseling Hours
1.	Data Structure and Algorithm	MScCS – 07	100	50	150	8	Theory 30 Practical 30
2.	Computer Architecture & Microprocessors	MScCS – 08	100	-	100	6	Theory 30
3.	Software Engineering	MScCS – 09	100	-	100	6	Theory 20
4.	Operating System	MScCS – 10	100	50	150	6	Theory 20 Practical 20
5.	Data Communication and Networks	MScCS – 11	100	-	100	6	Theory 20
6.	Project	MScCS – 12	300	-	300	8	Practical 50

Scheme of Study :

The university has launched MSc (Computer Science) programme in integration with the existing PGDCA programme of the university. The syllabus of PGDCA will be treated as MScCS previous. The Programme will be initially started at six study centres working under six Regional centres of the university located at Kota, Jaipur, Udaipur, Ajmer and Bikaner. .

Examination Pattern :

In MScCS previous, there are six courses of 30 credits. Each course (paper) will be 150 marks (100 for theory paper and 50 for practical) and project will be of 150 marks. In MScCS Final there are 6 courses (papers) of 40 credits. Course MScCS - 07 and MScCS -10 will be of 150 marks (100 for theory and 50 for practical).

Courses MScCS - 08, MScCS - 09, MScCS - 11 will be of 100 marks each. The project MScCS- 12 will be of 300 marks. To pass in term-end examination, a candidate shall be required to obtain 25% marks in each course (paper), However, to pass the programme, the candidate in required to secure 36% marks in aggregate (Theory and Practical) in each course (paper)

If the candidate is not able to pass in some course(s) paper(s), he/she an appear in the next examination which are held after every 6 months. A candidate can appear in an exam with 56 credits wherein both new old courses not appeared or not passed are jointly counted.

The marks obtained in theory and practical examination shall be shown separately in the marksheet.

First Division	-	60% above
Second Division	-	48% to less than 60%
Pass	-	36% to less than 48%