SCHOOL OF DISTANCE LEARNING
AND CONTINUING EDUCATION
KAKATIYA UNIVERSITY, Warangal 506 009 (AP) India

M.Sc (Computer Science) (Distance Mode) 2 Year Programme

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1. The Programme

The duration of M.Sc. (Computer Science) programme is two academic years consisting of four semesters (two semesters in each year).

2. Admission

Candidates must have passed 3 year Degree Programme of the Kakatiya University with Mathematics as one of the course of study and Computer Science or Computer Applications or PGDCA from a University as another course of study in the group or an examination recognized by the Kakatiya University as equivalent thereto / BCA from Recognized university.

3. Course Structure

The M.Sc. (COMPUTER SCIENCE) programme offers in all 24 papers apart from Viva-voce and project report. The details of semester-wise subjects and weightage of marks are as mentioned below:

COURSE STRUCTURE OF M.Sc. (COMPUTER SCIENCE) PROGRAMME

FIRST YEAR - FIRST SEMESTER

PAPER CODE	TITLE	CONTACT CLASSES PER SEMESTER		MARKS
		THEORY	PRACTICAL	
MSCCS111	DISCRETE MATHEMATICS	16		100
MSCCS112	COMPUTER ORGANIZATION	16		100
MSCCS113	OOPS WITH JAVA	16		100
MSCCS114	OPERATING SYSTEMS	16		100
MSCCS115	INTERNET TECHNOLOGIES	16		100
MSCCS116	OOPS LAB		12	50
MSCCS117	INTERNET TECHNOLOGIES LAB		12	50
MSCCS118	OPERATING SYSTEMS LAB		12	50
	TOTAL	80	36	650

FIRST YEAR - SECOND SEMESTER

PAPER CODE	TITLE	CONTACT CLASSES PER SEMESTER		MARKS
		THEORY	PRACTICAL	
MSCCS121	COMPUTER NETWORKS	16		100
MSCCS122	AUTOMATA THEORY AND FINITE LANG	16		100
MSCCS123	UNIX NETWORK PROGRAMMING	16		100
MSCCS124	SYSTEM SOFTWARE	16		100
MSCCS125	WEB TECHNOLOGIES	16		100
MSCCS126	WEB TECHNOLOGIES LAB		12	50
MSCCS127	UNP LAB		12	50
MSCCS128	NETWORK AND ASSEMBLY		12	50
	TOTAL	80	36	650

SECOND YEAR - FIRST SEMESTER

PAPER CODE	TITLE	CONTACT CLASSES PER SEMESTER		MARKS
		THEORY	PRACTICAL	
MSCCS211	ARTIFICIAL INTELLIGENCE	16		100
MSCCS212	SOFTWARE ENGINEERING	16		100
MSCCS213	.NET PROGRAMMING	16		100
MSCCS214	CRYPTOGRAPHY AND NETWORK SECURITY	16		100
MSCCS215	DATAWAREHOUSING AND MINING	16		100
MSCCS216	.NET LAB		12	50
MSCCS217	J2EE LAB		12	50
MSCCS218	SOFTWARE TESTING LAB		12	50
	TOTAL	80	36	650

SECOND YEAR –SECOND SEMESTER

MSCCS221	MAJOR PROJECT	SATISFACTORY / NOT SATISFACTORY

Viva-Voce:

There shall be a Major Project and Viva-voce in the II Year II semester.

The Fourth Semester end Viva-Voce Committee shall be as under:

There will be Two members in viva committee.
1 - Member from the faculty of the University Department/ University Constituent colleges.
1 - Faculty member nominated by the Director, SDLCE, Kakatiya University, Warangal

4. Fee Structure

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                              Tuition fee       Examination fee
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I Year      I Semester       Rs. 9,000=00       950=00
            II Semester      Rs. 9,000=00       950=00
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II Year     III Semester     Rs. 9,000=00       950=00
            IV Semester      Rs. 9,000=00       950=00
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5. Rules of Promotion

A student has to put in 80% of attendance and register for examination for each semester and also appear in each semester for promotion to the next semester.

The minimum pass marks shall be 40% in each paper in the end semester University examinations.

6. Award of Degree

At the end of the fourth semester, the result of the candidate shall be declared after ensuring that a student passes all the semester exams by securing a minimum of 40% aggregate in each semester. The students who could not secure 40% aggregate marks in any semester can appear for all or any of the papers of that particular semester for securing the required aggregate marks.

There shall be no supplementary examinations for the course and the examinations shall be held for I & III and II & IV semester simultaneously.

7. Declaration of result at the end of IV semester:

i) There shall be only two divisions viz.,

III Division: 40% and above but less than 50%
II Division   : 50% and above but less than 60%
I Division   : 60% and above but less than 70%
Candidates securing 70% and above shall be awarded First Division with distinction.

ii) The award of Division, distinction and rank will be in accordance with the general rules applicable to other Post-Graduate courses of the University.

iii) The rules pertaining to improvement shall be the same as are applicable to other Post-Graduate courses in the University.

8. Project Report:

The student should prepare a Project Report under the supervision of a guide from the Faculty of the concerned college.

The student has to present a Seminar in the concerned college on the Project work done by him. The Principal of the College concerned shall certify and intimate the list of candidates who have given seminar presentation to the Head / Chairman, Board of Studies, Department of Informatics, Kakatiya University. Two copies of the report should be submitted before the commencement of IV semester examinations. The Project Report carries Grade.