10. B.Sc Computer Science

Medium: English   **Course code: 5031**

Course Duration   **:** 3 Years (Non-Semester System)

Eligibility: Higher Secondary (+2) Pass with Computer Science (or) Maths

Papers with Examination Codes					
I Year		**II Year**		**III Year**	
1.Mathematical Foundation – I	UCSC01	1.Mathematical Foundation – II	UCSC07	1.Computer Graphics Relational Database	UCSC12
2.Programming in 'C'	UCSC02	2.Object oriented Programming in C++	UCSC08	2.Management System	UCSC13
3.Digital Principles and application	UCSC03	3.Data Structures and Computer Algorithms	UCSC09	3.Computer Networks	UCSC14
4.Office Automation	UCSC04	4.Operating System	UCSC10	4.Web Technology	UCSC15
5.Computer organization Systems	UCSC05	5.Software Engineering	UCSC11	5.Programming in Java	UCSC16
6.Software Programming in C Lab	UCSC06 UCSCL1	6.Visual Programming C++ and Data Structures Lab	UCSCL3 UCSCL4	6.Operation Research	UCSC17
Office Automation Lab	UCSCL2	7.Visual Programming Lab		7.RDBMS Lab Web programming Lab	UCSCL6 UCSCL7

Course Duration : Three Years

Eligibility for Admission to B.A. / B.Sc. / B.com. / B.Com.(C.A.) / B.Lit.

1. Higher Secondary School Examination (Plus 2 or XII Std. including vocational courses) conducted by the Govt. of Tamil Nadu.

2. Two year Foundation Course Examination conducted by Madurai Kamaraj University and Annamalai University with eligibility to join the degree courses.

3. Pre/University Examination of Madurai Kamaraj University or an Examination equivalent thereto conducted by any other statutory recognized University / Board.

4. Intermediate Examination of any recognized University in India or of the common wealth.

5. The IAF Educational Test for promotion to the Rank of Corporal conducted by the Directorate of Education, Air Head Quarters, New Delhi.

6. The Higher Secondary Certificate Examinations conducted by any of the State Statutory Boards of Higher Education in India provided the holder is declared eligible to join the

Degree Course in the University concerned and provided the holder also satisfies the age rule.

7. Indian School Certificate Examination conducted by the Council for the Indian School Certificate Examination, New Delhi. A pass in one or more sittings, (i.e., in compartment) provided the candidates has been declared to have qualified with a minimum of FIVE subjects of which English should be one and satisfies the age rule prescribed by the University.

8. The 12 year School Diploma of High School / Graduation conducted by the Kodaikanal School, Kodaikanal.

9. A pass in the followed examinations conducted by the State Board of Technical Education and Training of Govt. of Tamil Nadu, Chennai.

   a) The two year Diploma Course in Commercial Practice or Diploma in Modern Office Practice.

   b) Pre-Technical Examination.

   c) I and II year Sandwich Diploma Examination in Mechanical Engineering.

   d) Three – year Diploma (after X Std.) – Civil, Mechanical, Electrical, Electronics, Textile, Fisheries, Commerce, Architecture, Assistantship, Catering Technology etc.

Note:

a) A candidate who has obtained 'CONDITIONAL PASS' in the Pre-Technical Examination is NOT eligible.

b) A candidate who has passed the First Year Examination of the 3 year Diploma Courses (i.e., D.C.E. etc.,) prior to 1963 is NOT eligible.

10. a) National Defence Academy   A pass at the Academic Examination at the end of the first two years of Training.

     b) Indian Military Academy

11. Those who have completed the Seven-year course of study conducted at the following Seminaries:

   a. Sacred Heart Seminary, Poonamallee.

   b. St. Peter's Pontifical Seminary, Bangalore

   c. St. Antony's Frairy, Bangalore

   d. St. Paul's Seminary, Tiruchirapalli.

   e. Pontifical Athenaeum, Poona.

Note: Candidates should enclose the original certificates for admission.

Applicants already pursuing a degree course in this University / Distance Education or, elsewhere are **NOT** eligible for admission to any other degree course in the Directorate of Distance Education, except for Certificate / Diploma Courses.

Scheme of Examination for all B.A. & B.Sc. Degree Courses

Duration: 3 Hrs.   Maximum: - 100 Marks   Passing Min.: - 35 Marks

Part I
Common for all B.A & B.Sc Courses
(Except for B.Com., B.B.A., BCA.,B.Sc. Hotel Management)

Part I Tamil

Language	Papers with Examination Codes			
	I Year		**II Year**	
Part I	1. இக்காலக் கவிதையும் சிறுகதையும்	**LTAM01**	1. காப்பிய இலக்கியமும் புதினமும்	**LTAM03**
Tamil	2. பக்தி இலக்கியமும் நாடகமும்	**LTAM02**	2. பண்டைய இலக்கியமும் உரைநடையும்	**LTAM04**

Part I Languages other than Tamil

Note:
1. Students may choose any one of the following languages in lieu of Tamil (Part-I)

Arabic   Assamee   Bengali   French   Hindi   Kannada

Malayam   Mizo   Sanskrit   Telugu   Urdu

2.The Directorate will not send any study material relating to these languages. Arrangements should be made by the students themselves to study as per the syllabus prescribed by the University. The syllabus copy for the above language papers (Part-I) will be sent to the students along with other study materials on full payment of Course Fee.

Subject Code for (Languages other than Tamil)

Part I-Language	I Year	Sub Code	II Year	Sub Code
Arabic	Paper I Paper II	LARA01 LARA02	Paper III Paper IV	LARA03 LARA04
Assamee	Paper I Paper II	LASS01 LASS02	Paper III Paper IV	LASS03 LASS04

Bengali	Paper I	LBEN01	Paper III	LBEN03
	Paper II	LBEN02	Paper IV	LBEN04
French	Paper I	LFRE01	Paper III	LFRE03
	Paper II	LFRE02	Paper IV	LFRE04
Hindi	Paper I	LHIN01	Paper III	LHIN03
	Paper II	LHIN02	Paper IV	LHIN04
Kannada	Paper I	LKAN01	Paper III	LKAN03
	Paper II	LKAN02	Paper IV	LKAN04
Malayalam	Paper I	LMAL01	Paper III	LMAL03
	Paper II	LMAL02	Paper IV	LMAL04
Mizo	Paper I	LMIZ01	Paper III	LMIZ03
	Paper II	LMIZ02	Paper IV	LMIZ04
Sanskrit	Paper I	LSAN01	Paper III	LSAN03
	Paper II	LSAN02	Paper IV	LSAN04
Telugu	Paper I	LTEL01	Paper III	LTEL03
	Paper II	LTEL02	Paper IV	LTEL04
Urdu	Paper I	LURD01	Paper III	LURD03
	Paper II	LURD02	Paper IV	LURD04

Part II English

Language	Papers with Examination Codes			
	I Year		**II Year**	
Part II English	1. Prose, Grammar and Composition	LENG01	1. Prose, & Composition	LENG03
	2. Poetry and Drama-I	LENG02	2. Poetry and Drama-II	LENG04

Part IV – General Knowledge [UGKL01]

This is a compulsory paper common for all U.G. Courses. Students have to write Examination on this paper at the end of the Second Year

Part V – Environmental Studies [UENS01]

This is a compulsory paper common for all U.G. Courses. Students have to write Examination on this paper at the end of the Third Year