



MES KEVEEYAM COLLEGE VALANCHERY

Valanchery, Malappuram Dist, Kerala, Pin: 676 552.
Phone: 0494-2642670
Email: principal@meskvmcollege.org

Aided by Govt. of Kerala and Affiliated to University of Calicut
Reaccredited with 'A' Grade by NAAC (Score 3.28)
ISO 9001:2015 certified institution

List of new courses introduced in the MSc Computer Science Programme

Name of the New Courses Introduced in the Last 5 years	Programme Name	Programme Code	Course Code	Year of Introduction
Discrete Mathematical Structures	MSc Computer Science	MESKV/73/CS	CSS1CO1	2015
Advanced Data Structures	MSc Computer Science	MESKV/73/CS	CSS1CO2	2015
Theory of Computation	MSc Computer Science	MESKV/73/CS	CSS1CO3	2015
The Art of Programming Methodology	MSc Computer Science	MESKV/73/CS	CSS1CO4	2015
Computer Organization and Architecture	MSc Computer Science	MESKV/73/CS	CSS1CO5	2015
Practical I	MSc Computer Science	MESKV/73/CS	CSS1PO6	2015
Design and Analysis of Algorithms	MSc Computer Science	MESKV/73/CS	CSS2CO1	2015
Operating System Concepts	MSc Computer Science	MESKV/73/CS	CSS2CO2	2015
Computer Networks	MSc Computer Science	MESKV/73/CS	CSS2CO3	2015
Computational Intelligence	MSc Computer Science	MESKV/73/CS	CSS2CO4	2015
Practical II	MSc Computer Science	MESKV/73/CS	CSS2PO6	2015
Elective I	MSc Computer Science	MESKV/73/CS	CSS2CO5	2015
Term Paper	MSc Computer Science	MESKV/73/CS	CSS2CO7	2015
Advanced Data Base Management System	MSc Computer Science	MESKV/73/CS	CSS3CO1	2015
Principles of Compilers	MSc Computer Science	MESKV/73/CS	CSS3CO2	2015
Object Oriented Programming Concepts	MSc Computer Science	MESKV/73/CS	CSS3CO3	2015
Elective II	MSc Computer Science	MESKV/73/CS	CSS3E04	2015
Cryptography and Network Security	MSc Computer Science	MESKV/73/CS	CSS3CO5	2015
Practical III	MSc Computer Science	MESKV/73/CS	CSS3CO6	2015
Elective IV	MSc Computer Science	MESKV/73/CS	CSS4E01	2015
Project work	MSc Computer Science	MESKV/73/CS	CSS4CO2	2015
Principles of Software Engineering	MSc Computer Science	MESKV/73/CS	CSS4CO1	2015



MES KEVEEYAM COLLEGE
VALANCHERY, PIN- 676 552
MALAPPURAM



UNIVERSITY OF CALICUT

Abstract

Additional affiliation - various degree programme in M E S Keveeyem College (Aided), Valanchery, Malappuram 676 552 - for the academic year 2015-2016 -Sanctioned-Orders Issued.

CDC-G

U.O.No. 10347/2015/Admn

Dated, Calicut University.P.O, 03.10.2015

Read:-1. Application dated nil from the Principal, M E S Keveeyem College (Aided) Valanchery, Malappuram 676 552.

2. Letter No 118457/CDC-A3/2014/Admn dated 7.5.2015, Letter No. 90510/CDC-A3/2015/Admn dated 29.6.2015 and Letter No. 35888/CDC-A3/2013/CU dated 23.5.2014 addressed to the Principal Secretary, Higher Education Department, Government of Kerala, Thiruvananthapuram.

3. G.O.(M.s) No:415/2015/H.Edn Dated 09.07.2015.

4. G.O.(M.s) No:489/2015/H.Edn Dated 28.07.2015.

5. Syndicate Resolution item number 2015.819*dated 3.7.2015.

ORDER

The Principal, M E S Keveeyem College, (Aided), Valanchery, Malappuram-676 552 had applied for additional affiliation for various degree programmes in the college.

As per the reference read as second, this office forwarded recommendation for B.Com with Finance (40 seats), M.Sc Zoology (10 seats), M.Sc Computer Science (10 seats) and B.Sc Psychology (24 seats) self financing degree programmes to the College for the consideration and concurrence of the Govt.of Kerala.

The Govt.of Kerala have issued No Objection Certificate for starting the new self financing/Unaided courses of B.Sc Psychology (24 seats) B. Com Co-operation (40 seats), M.Sc Zoology (10 seats), M.Sc Computer Science (10 seats) and MA History (16 seats) in M E S Keveeyem College (Aided), Valanchery, Malappuram during the academic year 2015-2016 as per the G.O read as 3rd and modified No Objection certificate for the change of course of B.Com Co-operation to B.Com Finance (40 seats) as per the G.O read as 4th.

The Principal and the Manager, M E S Keveeyem College (Aided) Valanchery, Malappuram have submitted an undertaking to the effect that the college shall carry out faithfully the provisions of the University Act, Statutes, Ordinances and Regulations and directions issued by the University from time to time and admit only such students who are eligible as per the regulations of the University. They have also agreed that the University can proceed with strict actions including withdrawal of affiliation of the college, if anything is done by them, against the interest of the University or the student community.

An amount of, Rs 40,000/- (Rupees.forty thousand only) has been remitted by the college towards affiliation fee for four courses as per the chalan number 151705028 dated 6.3.2015 by E Transfer Administration fee was remitted by the college along with the continuation of provsional affiliation fee for the academic year 2015-2016

As per the Syndicate Resolution item number 2015.819*dated 3.7.2015, the Syndicate has authorized the Vice-Chancellor to sanction courses, Colleges and increase of seats as per the recommendation of the DLIC and the resolution has been implemented by the Vice-Chancellor on 10.7.2015.

Resolution item number 2015.819*dated 3.7.2015, for granting additional affiliation to the self financing degree programmes as detailed below in MES Keveeyem College (Aided), Valanchery, Malappuram for the academic year 2015-2016 subject to the terms and conditions specified hereunder.

Sl.No.	Name of the Programmes	Intake
1	B.Com Finance	40
2	M.Sc Zoology	10
3	M.Sc Computer Science	10
4	B.Sc Psychology	24

Selection and admission shall be made only on the basis of the Rules and Regulations of the University/Government and on the basis of the directions issued by the University/Government from time to time, failing which the affiliation granted will automatically be cancelled.

In the light of the direction of the Supreme Court of India in W P © 656/1998, the institution shall take appropriate measures for the prevention of ragging in any form. In case of failure to prevent such instances appropriate action including withdrawal of affiliation of the college will be initiated.

Affiliation granted is strictly provisional and only for the academic year 2015-2016. The college has to apply for the continuation of provisional affiliation for the ensuing years remitting the fee fixed by the University.

Admission to the next academic year shall be made, only after obtaining prior permission from the University.

All courses are sanctioned subject to availability of an approved syllabus. The college should ensure that, an approved syllabus is available for the sanctioned courses before starting the course. Otherwise, the matter should immediately be reported to the University.

As per the U.O. No. 5869/2015/Admn dated 09.06.2015, the conduct of University Examinations of any sort including that S.D.E Examinations is compulsory and binding on all colleges affiliated to the University of Calicut.

Orders are issued accordingly.

Girija M.V
Deputy Registrar

To

1. The Principal M E S Keveeyem College (Aided), Valanchery, Malappuram 676 552.
2. The Manager, M E S Keveeyem College (Aided), Valanchery, Malappuram 676 552.
3. The Principal Secretary, Higher Education Department, Govt. of Kerala, Thiruvananthapuram.
4. The Director of Collegiate Education Thiruvananthapuram.
5. The Deputy Director of Collegiate Education, Kozhikode.
6. The Controller of Examinations, Pareeksha Bhavan 7, PS to VC 8. PA to Registrar 9. DSW 10. DPE
11. The System Administrator, Digital Wing Pareeksha Bhavan, with a request to post on the official website of the University.
12. DR GAI 13. GAI-B, C, E, F and CDC-D, E G sections. 14. SF, DF, FC.

Forwarded / By Order

Section Officer

UNIVERSITY OF CALICUT

(Abstract)

Scheme and Syllabus of M. Sc Computer Science-Choice based Credit Semester System- in University Teaching Departments-implemented with effect from 2011 admission-orders issued.

GENERAL & ACADEMIC BRANCH-IV 'J' SECTION

No. GA IV/J1/4639/10

Dated, Calicut University PO, 24.01.2012

Read: 1. U.O.No.GAI/J1/1373/08 dated 01.07.2008.

2. Item No.1 of the Minutes of the meeting of Board of studies in Computer Science and application (Single Board) held on 15.11.2011

3. Orders of the Vice-Chancellor in the file of even no. dated 19.01.2012

ORDER

As per paper read as (1) above, Choice based Credit Semester System at Post Graduate level in University Teaching Departments/Schools has been implemented from the academic year 2008-2009 onwards.

Vide paper read as (2) above, the syllabus of M.Sc. Computer Science Programme under Choice based Credit Semester System (PG) was approved by the Board of Studies in Computer Science and Application.

The Vice-Chancellor, in view of exigency, exercising the powers of Academic Council has approved the minutes of the meeting of the Board, subject to ratification by the Academic Council.

Sanction has, therefore, been accorded to implement the scheme and syllabus of M.Sc. Computer Science programme under Choice based Credit Semester System (PG) in University Teaching Departments/Schools w.e.f 2011 admission.

Orders are issued accordingly. Scheme and Syllabus appended.

Sd/-

**ASSISTANT REGISTRAR(G&A -IV)
For REGISTRAR**

To

1. The HOD of Computer Science.
2. The Chairman
Board of Studies in Computer Science

Forwarded/By Order

Copy to:

PS to Vice-Chancellor/
PA to PVC /PA to Registrar/
CE/Digital wing (with a request to
upload in the University website)

/Enquiry/Information Centres/
GA I 'F' 'A' sections/GAII/

GAI/DBL/PA/SP/EC

SECTION OFFICER

M.Sc. Computer Science
Under CCSS (with effect from 2011 Admission)

COURSE STRUCTURE AND SCHEME OF EVALUATION

Semester 1

Sl. No	Course Code	Course	Instructional Hrs/week		Exam Duration		Marks			Credit
			Lect./ Lab	Tutorial	Theory	Practical	ES A	CA	Total	
1	CS1C01	Discrete Mathematical Structures	3	1	3	---	80	20	100	4
2	CS1C02	Advanced Data Structures and Algorithms	3	1	3	----	80	20	100	3
3	CS1C03	Object Oriented Programming with Java	3	1	3	----	80	20	100	4
4	CS1C04	Theory of Computation	3	1	3	----	80	20	100	4
5	CS1C05	Advanced Microprocessors & Microcontroller	3	1	3	----	80	20	100	4
6	CS1C06	Practical 1	10	5	---	3	80	20	100	3
	Total		25	10	-	-	-	-	600	22

Semester 2

Sl. No	Course Code	Course	Instructional Hrs/week		Exam Duration		Marks			Credit
			Lect. / Lab	Tutorial	Theory	Practical	ESA	CA	Total	
1	CS2C07	Design and Analysis of Algorithms	3	1	3	---	80	20	100	4
2	CS2C08	Advanced Database Management System	3	1	3	----	80	20	100	4
3	CS2C09	Operating System Concepts	3	1	3	----	80	20	100	4
4	CS2C10	Advanced Java Programming	3	1	3	----	80	20	100	3
5	CS2E01/ CS2E02/ CS2E03	Elective 1	3	1	3	----	80	20	100	4
6	CS2C11	Practical 2	10	5	---	3	80	20	100	3
	Total		25	10	-	-	-	-	600	22

Elective 1	Credit
CS2E01 - Artificial Intelligence	4
CS2E02 - Information Theory and Coding	4
CS2E03 - Compiler Design	4

Semester 3

Sl. No	Course Code	Course	Instructional Hrs/week		Exam Duration		Marks			Credit
			Lect. / Lab	Tutorial	Theory	Practical	ESA	CA	Total	
1	CS3C12	Software Engineering	3	1	3	---	80	20	100	4
2	CS3C13	Computer Graphics	3	1	3	----	80	20	100	4
3	CS3C14	Data Communication and Networking	3	1	3	----	80	20	100	4
4	CS3C15	Web Technology	3	1	3	----	80	20	100	3
5	CS3E04/ CS3E05/ CS3E06	Elective 2	3	1	3	----	80	20	100	4
6	CS3C16	Practical 3	10	5	---	3	80	20	100	3
	Total		25	10	-	-	-	-	600	22

Elective 2	Credit
CS3E04 - Digital Image Processing	4
CS3E05 - Simulation and Modeling	4
CS3E06 - Wireless and sensor Networks	4

Semester 4

Sl. No	Course Code	Course	Instructional Hrs/week		Exam Duration		Marks			Credit
			Lect. / Lab	Tutorial	Theory	Practical	ESA	CA	Total	
1	CS3C12	Elective 3	3	1	3	---	80	20	100	4
2	CS3C13	Elective 4	3	1	3	----	80	20	100	4
			Duration of the Project				Viva voce	CA	Total	
3	CS3C17	Project Work & Viva	16 Weeks				300	100	400	8
	Total		6	2	-	-	-	-	600	16

Elective 3 and Elective 4	Credit
CS4E07 - Pattern Recognition	4
CS4E08 - Soft Computing Techniques	4
CS4E09 - Natural Language Processing	4
CS4E10 - Information Retrieval Systems	4
CS4E11 - Distributed Computing	4
CS4E12 - Bio Informatics	4
CS4E13 - Mobile Communication	4
CS4E14 - Grid Computing	4
CS4E15 - Remote Sensing and GIS	4
CS4E16 - Embedded Systems	4