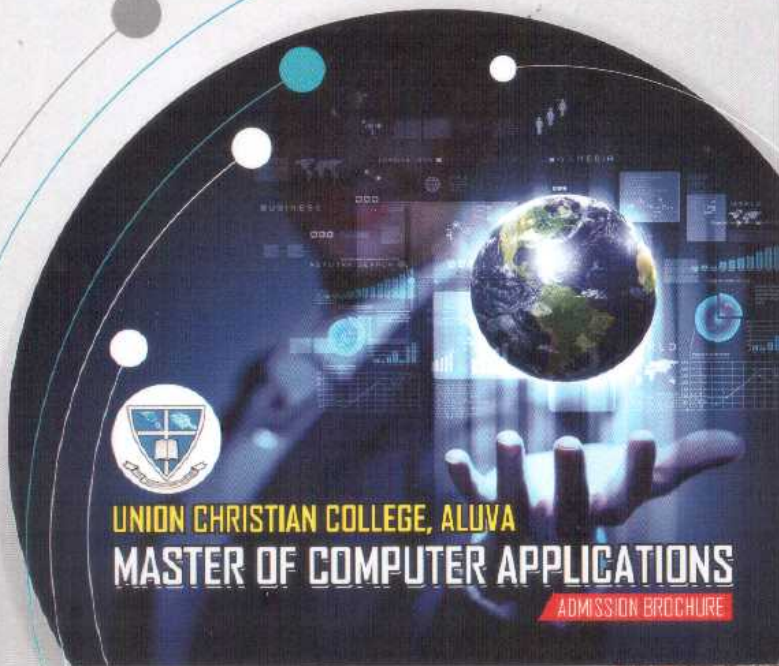


2017



UNION CHRISTIAN COLLEGE, ALUVA

MASTER OF COMPUTER APPLICATIONS

ADMISSION BROCHURE

UNION CHRISTIAN COLLEGE, ALUVA

Union Christian College, Aluva is a premier educational institution, Kerala, South India, established in 1921 as a Centre of Higher education and as a venture in inter denominational co-operation among the four major non catholic Christian denomination of South India viz. the Malankara Orthodox Syrian Church, the Malankara Jacobite Syrian Church, the Church of South India viz the Malankara Marthoma Syrian Church, with the founding fathers of the College being, the late prof. K., C Chacko, the late Prof. A.M Varkey, the late prof. C.P Mathew and the late Prof. Ittyerah. The idyllic campus, spread out in forty two acres, is located close to the banks of river periyar Aluva, hardly ten kilometers away from the Cochin International Airport, and four kilometers from Aluva Railway/Bus station, on the Aluva- Paravoor road. The location privileges the Campus with the refreshing ambiguity of urban proximity and rural ambience. Ever since its inception, the College enjoyed recognition and admiration from men of eminence at the national and international level, as is evidenced by the visit of tagore in 1922 and mahatma Gandhi in 1925. Mahatma Addressed the teachers and students of the College and wrote in the visitor's dairy of the College that he was delighted with the ideal situation. The mango sapling planted by Gandhiji still graces the campus and remains a hallowed spot. The College was accredited at the five star level in 1999 and recently reaccredited with 'A' level in 2011 by the National Assessment and Accreditation Council (NAAC). The college has grown into an outstanding institution in term in teaching, learning and research with fifteen undergraduate programmers and twelve post graduate programmers covering almost all branches of arts and science. Eight departments are approved research centers of the Mahatma Gandhi University.



MOTTO OF THE COLLEGE

"THE TRUTH SHALL MAKE YOU FREE"

GOALS & OBJECTIVES

➤ Academic Excellence ➤ Social Justice ➤ Character Building ➤ Value Orientation

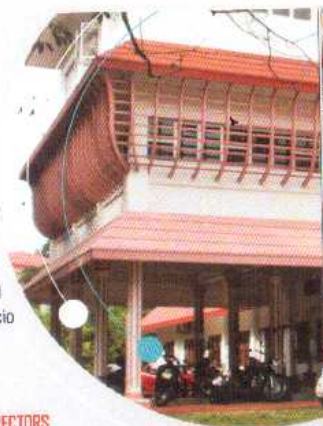
MISSION OF THE COLLEGE

Union Christian College aims at the wholesome education of the young to bring out the best in each individual. It strives to produce intellectually competent, morally upright, spiritually inspired and patriotic young men and women in the service of the country.

GOVERNANCE

The Union Christian College, Aluva is a Minority institution managed by the Union Christian College Association. The business of the College is managed by the Board of Directors consisting of the Manager (ex-officio), the Principal (ex-officio), the Bursar (ex-officio) and six other members from the Association.

The Standing Council consisting of twenty seven members is a committee of the Union Christian College Association, and consists of all the members of the Association. The Standing Council is required to make all the required bye-laws necessary for the management of the affairs of the Association. Sixteen members of the Standing Council are drawn from eminent Educationalist, Industrialists, Scientists, Judges, Advocates, Doctors and Spiritual Leaders. Eight members of the Standing Council represent the teaching staff. The Manager, Principal and the Bursar are ex-officio members.



THE COLLEGE GOVERNING BODY / EXECUTIVE COMMITTEE / BOARD OF DIRECTORS

- » Rev. Prof. T. Thomas John (Manager)
- » Prof. Mathew Koshy
- » Dr. P. Thomas Mathew (Principal)
- » Prof. Santha M. Mathew
- » Dr. Thara K. Simon (Bursar)
- » Dr. Rachel Reena Philip
- » Rev. Prof. K.V. Paulose
- » Mr. Sunil Abraham Thomas

THE MCA ACADEMIC ADVISORY BOARD

Dr. POULOSE JACOB

Pro-Vice Chancellor, CUSAT

Dr. K.K. GEORGE

Chairman, Centre for Socio Economic & Environmental Studies, Cochin

Mr. SREENIVAS DESIKAN

Master technologist, HP, Bangalore

Mr. L.L. RAMACHANDHRAN

Chief Manager, Information Services, BPCL Kochi Refineries, Cochin

Mr. THOMAS MATHEW

Director, Software Engineering, Kyocera Wireless India, Bangalore

Dr. THOMAS PHILIP

Director, Software Engineering, Kyocera Wireless India, Bangalore

UNION CHRISTIAN COLLEGE ESTD 1921

MASTER OF COMPUTER APPLICATION

In 2001, the All India Council for Technical Education (AICTE) approved the proposal of the Association, of the Union Christian College to start a new technical institution under the name and style of Union Christian College for conducting the three year Post Graduate Course of Master of Computer Applications with a sanctioned intake of 60 seats.

The institution is affiliated to the Mahatma Gandhi University, Kottayam. The department also started the AICTE approved MCA Lateral Entry stream of two years with a sanctioned intake of 60 seats. The institution has highly competent faculty of permanent and visiting teachers. The regular academic programme is supplemented by seminars, workshops, self development & communication sessions and aptitude reinforcement modules. The academic transactions are rigorous and innovative.

The students and the faculty are kept exposed to the latest developments in the industry. The department places very high expectation on the students. The prime values of discipline, punctuality and commitment are emphasized. The objective is to produce quality software professionals who are also excellent human beings. A full fledged internet lab, advanced projection tools, smart class rooms and a well stocked and expanding library are some of the key features.

THE MCA MANAGEMENT COMMITTEE

Rev. Prof. T. Thomas John (Manager)
Dr. P. Thomas Mathew (Principal)
Dr. Thara K Simon (Bursar)
Dr. A. V. Alex (Director MCA)
Ms. Veena Jose (HOD, MCA)

THE MCA FACULTY COUNCIL

Dr. A. V. Alex (Director, MCA)
Ms. Veena Jose (HOD)
Dr. Shine K George (Asso. Prof.)
Ms. Divya P.B (Asso. Professor)
Ms. Sini Velayudhan (Asso. Professor)
Mrs. Lince Rachel Varghese (Assistant Professor)

TEACHING STAFF

Ms. Veena Jose (Associate Professor & HOD)
Mr. Shine K George (Associate Professor)
Ms. Divya P.B (Associate Professor)
Ms. Sini Velayudhan (Associate Professor)
Ms. Sherna Mahan (Assistant Professor)
Ms. Leo Juliet George (Assistant Professor)
Ms. Lince Rachel Varghese (Assistant Professor)
Ms. Sikha B Kadayath (Assistant Professor)
Ms. Surabhi P.V. (Assistant Professor)
Ms. Amrutha Karthikeyan (Assistant Professor on Contract)
Ms. Thanu Sudheesh (Assistant Professor-On Contract)
Ms. Ancy K Paul (Assistant Professor-On Contract)
Ms. Rintu Augustine (Assistant Professor-On Contract)
Ms. Sreeja R. Chandran (Assistant Professor-On Contract)
Ms. Reenu Mariam Cherian (Assistant Professor-On Contract)



Director
Dr. A. V. ALEX
M.Sc, Ph.D

MCA COURSE-CURRICULUM*

SEMESTER I

MCA 101 Mathematical Foundations of Computer Science
MCA 102 Digital Systems & Logic Design
MCA 103 Computer Organization and Architecture
MCA 104 Principles of Management and Accounting
MCA 105 Structured Programming in C
MCA 106 C Programming Lab
MCA 107 PC Hardware Lab
MCA 108 Communication & Soft skills

SEMESTER II

MCA 201 Probability and Statistics
MCA 202 Data Structures and Analysis of Computer Algorithms
MCA 203 Microprocessors and Embedded Systems
MCA 204 Operating Systems
MCA 205 Object Oriented Programming with C++
MCA 206 C++ Lab
MCA 207 Data Structures Lab in C

SEMESTER III

MCA 301 Java and Web Programming
MCA 302 Software Engineering
MCA 303 System Software
MCA 304 Data Base Management Systems
MCA 305 Data Communications
MCA 306 Java Programming Lab
MCA 307 DBMS Lab

LATERAL ENTRY STREAM

A student admitted to the Lateral Entry Scheme will directly get admitted to third semester of MCA and the course curriculum from Semester 3 till Semester 6 is same as that of regular stream. In addition to this, the student has to secure a minimum pass in the following subjects (No internal marks will be awarded for these subjects) before the submission of the final project.

MCA 101 Mathematical Foundations of Computer Science

MCA 104 Principles of Management and Accounting

MCA 201 Probability and Statistics

MCA 202 Data Structures and Analysis of Computer Algorithms

MCA 203 Microprocessors and Embedded Systems

SEMESTER IV

MCA 401 Operations Research
MCA 402 Computer Networks
MCA 403 Linux and shell Programming
MCA 404 Object Oriented Modeling and Design
MCA 405 Elective - I
MCA 406 Linux Lab
MCA 407 Open Source Lab - Python /PHP

SEMESTER V

MCA 501 Computer Security
MCA 502 Internet Technology and Distributed Applications
MCA 503 Computer Graphics
MCA 504 Data Mining
MCA 505 Elective - II
MCA 506 Computer Graphics Lab
MCA 507 Seminar
MCA 508 Mini Project

SEMESTER VI

MCA 601 Project
MCA 602 Viva voce

*Subject to change as per university norms.

EVALUATION

The student evaluation consists of two components

1. Sessional / Internal Assessment, 2. End Semester Examination

The Department had evolved an objective method of continuous evaluation system to rate the students for internal assessment of 25 marks for each subject in a semester as prescribed by the university. Periodic assessment of students is conducted through internal class tests scheduled during the semester and comprehensive model examination in case of retest held at the end of the semester. In addition, students have to take seminars and assignments and the same to be submitted in every subject during the semester. The students score in the test, assignments, seminars and attendance are tabulated as per the norms prescribed by the University to arrive at the students internal assessment marks. The end semester examination for each subject in a semester is conducted by the University and carries 75 marks.



UNIQUE FEATURES

- » STATE OF THE ART INFRASTRUCTURAL FACILITIES
- » WELL EQUIPPED COMPUTER LABS
- » WELL STOCKED LIBRARY WITH NATIONAL AND INTERNATIONAL JOURNALS
- » COMPETENT AND EXPERT FACULTY MEMBERS

CELLS AND ACTIVITIES

- » THE TRAINING & PLACEMENT CELL
- » INDUSTRY- INSTITUTE PARTNERSHIP CELL
- » ALUMINI ASSOCIATION
- » FREE OPEN SOURCE SOFTWARE (FOSS CELL)
- » DEBATE CLUB
- » SOFTWARE DEVELOPMENT CELL
- » SEMINARS/WORKSHOPS
- » VALUE EDUCATION PROGRAMME
- » MCA ASSOCIATION
- » OUTREACH AND WOMEN EMPOWERMENT CELL
- » GRIEVANCE REDRESSAL CELL



AWARDS & SCHOLARSHIPS

The College has instituted the following awards and scholarships and will be awarded only to those students who appear for all the internal assessment tests/test papers conducted by the college.

SEMESTER TOPPER AWARD:

Semester Topper of the University Examination will be given an award as decided by the Management Committee.

Prof. MATHEW KOSHY ENDOWMENT SCHOLARSHIP:

Instituted for the best student in MCA. It is judged on the basis of securing highest marks for the university examination in the 1st semester and 2nd semester.

Prof. MATHEW KOSHY ENDOWMENT SCHOLARSHIP:

Awarded to the top scorer in Mathematics in the first semester.

Mrs. KRISHNAMBAL SCHOLARSHIP:

Awarded for the best outgoing student in MCA. This scholarship is instituted by Mr Mahesh S.R. an alumnus (2001 - 03 Batch) of MCA in memory of his late mother.

Dr. SHEELA KUMARI ISSAC AWARD:

For the best student in MCA instituted by the former Bursar, Dr. Sheela Kumari Issac.

Dr. ABRAHAM C KULANGARA SCHOLARSHIP:

For the students on the basis of merit cum means during the period of regular study.

TUITION FEE WAIVER SCHEME (TFW)

TFW is applicable to seats up to a max 5% * of sanctioned intake and shall be supernumerary in nature. Children of parents whose annual income is less than Rs. 2.5* lakhs from all sources shall be eligible under the scheme. The waiver is limited to the tuition fee as per government norms for self financing courses. All other fee will have to be paid by the beneficiary. Rank list will be prepared as per AICTE norms for Tuition Fee Waiver Scheme.

GENERAL GUIDLINES AND RULES

ATTENDANCE:

Attendance will be marked at the beginning of each session by the teacher engaging the class. Late comers will be refused attendance for half a day and the student may be permitted to attend class at the discretion of the teacher concerned.

INTERNAL EXAM:

There will be two examinations in every semester except semester 1. In semester 1, there will be 3 exams (2 Internal & 1 Model)

DRESS CODE & CONDUCT:

Students should attend the College neatly and decently dressed in their uniforms, as per the uniform code published from time to time.

Use of alcoholic liquors, smoking and chewing tobacco, intoxicant drugs etc are prohibited in the campus.

Students should take special care to keep the premises clean, neat and tidy.

VALUABLES

The College will not be responsible for the loss or theft of any valuables. Students are advised against wearing costly ornaments or bringing excess cash.

DAMAGE/DESTRUCTION

Students are advised to keep the premises clean. The cost of repair/replacement of damaged college property will be realized by a common fine levied on all the students if the person/persons responsible for the same cannot be identified.

UNIFORM The College insists on all students wearing uniform and identity cards to uphold the identity & dignity of the professional course.

RAGGING & VIOLENCE

As per the Supreme court verdict in SLP No. 24295 of 2006 dated 16-05-2007 and in civil appeal number 887 of 2009, dated 8-5-2009, ragging is totally banned & anyone found guilty of ragging and/or abetting ragging is liable to be severely punished. The parents must sign an affidavit to the effect that he or she is aware of the law against ragging & agrees to the punishment meted out to his/her ward in case the latter is found guilty of ragging and/or abetting ragging. The students must also sign a similar affidavit.

USE OF MOBILE PHONES

Transfer and Conduct Certificates-Students who leave the institution before the completion of course will be given Transfer Certificate only on payment of fee for the whole course. Conduct Certificate is not issued as a matter of right; it has to be earned by the student by proper conduct. As per the direction from Govt. of Kerala the use of mobile phones is banned while in the campus.

MCA Admission 2017

Qualification Required (As per Mahatma Gandhi University norms)

REGULAR (60 Seats)

A pass with not less than 50% marks in any recognized regular Bachelors Degree course of minimum three years duration in any discipline with mathematics at 10 + 2 level

OR

A pass with not less than 50% marks in any recognized Regular Bachelors Degree course of minimum three years duration in any discipline with Mathematics / Statics as one of the Subjects

OR

A pass with not less than 50% marks in BCA degree of minimum three years duration from a recognized University.

LATERAL (60 Seats)

A pass with not less than 50% marks in any recognized regular Bachelors of Science Degree course of minimum three years duration in any discipline of Computer Science or Information Technology with Mathematics at 10 + 2 level

OR

A pass with not less than 50% marks in BCA degree of minimum three years duration from a recognized University.

FEE STRUCTURE

REGULAR

- Tuition Fee - Rs. 50,000/- per year
- Caution Deposit - Rs. 10,000/-
Only at the time of admission. (Refundable)
- HR - Rs. 10,000/- 2nd semester
- Association, Recreation, & Sports - Rs. 2000/- per year
- Consumables - Rs. 500/- per year
- *University Special fee - Rs. 3,140/-
- *Subject to change as per University norms.

LATERAL

- Tuition Fee - Rs. 50,000/- per year
- Caution Deposit - Rs. 10,000/-
Only at the time of admission. (Refundable)
- HR - Rs. 10,000/- along with 2nd semester tuition fee.
- Association, Recreation, & Sports - Rs. 2000/-
only at the time of admission
- Consumables - Rs. 500/- per year
- *University Special fee - Rs. 2,210/-
- Student Support fee - Rs. 5,000/- (for bridging papers)
along with semester fee for all semesters. If in case of omitting the bridging papers as per University norms, the amount will be refunded.
- *Subject to change as per University norms.

Application Forms

Application forms and brochure can be obtained on the payment of Rs. 500/- in cash or Rs.500 by DD payable to the Principal / Director, MCA Union Christian College, Aluva. The full address of the candidate should be shown in the request for application forms. Application form duly filled in together with the necessary details should be furnished and supported by copies of certificates duly attested by Gazetted officer or the Head of the Institution in which candidate studied last. Application forms can also be downloaded from the department website. www.mcaucc.edu.in. Such form should be accompanied by the DD favoring principal / Director, MCA, Union Christian College, Aluva along with all other necessary documents.

Caution

The college will not be responsible for non receipt of or late receipt of application forms, selection memos and other correspondence regarding admission. The Director will decide any other details not specifically covered by the above and his decision will be final. The Director is also empowered to cancel any admission if found to be illegal subsequent to the admission.

Selection for admission will be provisional and subject to verification of original documents by the concerned authorities at the time of admission. If any fraud is detected his/her selection will be cancelled without any further notice.

Students should submit transfer certificate, conduct certificate, medical certificate, etc at the time of admission.

The seats will be filled based on the rank/score obtained in the Entrance Test, the marks obtained in the qualifying examination and Interview.

Activities



Activities

Activities





UNION CHRISTIAN COLLEGE, ALUVA

Master of Computer Applications
U.C. College P.O., Aluva- 683 102, Kerala.
Ph: 0484 2603633 / 2603533,
E-mail: mcaucc@gmail.com, Web: www.mcaucc

ADMISSION ENQUIRY : 82811 07533