



MARIAN COLLEGE KUTTIKKANAM

(AUTONOMOUS)

MAKING COMPLETE

Mandatory Disclosure 2017

Kuttikkanam P. O., Peermade, Kerala, India - 685 531
Ph: 91 4869 232203, 233203, Fax: 232438
Web: www.mariancollege.org Email: marian@mariancollege.org

Mandatory Disclosure : Updated on 01/02/2017

AICTE File No. : KE-06/ET-MCA/2000
Date & Period of Last Approval : 05.04.2016 for the year 2016 – 17
Date & Period of First Approval : 27.06.2001 for the year 2001 – 02

Name and address of the Institution

Marian College Kuttikkanam, Kuttikkanam P. O., Peermade,
Kerala, India - 685 531

Ph: +91 4869 232203, 233203, Fax: +91 4869 232438

Web: www.mariancollege.org

Email: mariancollege@mariancollege.org

Latitude: 9° 34' 41.8548" N & Longitude : 76° 58' 22.6092" E

Nearest Railway Station: Kottayam

Nearest Airport: Cochin

Type of Institution

Private-Self Financed (Autonomous) – Minority (Christian) - Co-Ed

Name of the Organization running the institution

Peermade Development Society, Peermade P. O., Peermade,
Idukki, Kerala, India – 685 531

+91 4869 232197, +91 4869 232725

pedes@satyam.net.in

Name of the Affiliating University

Mahatma Gandhi University
Priyadarshini Hills P. O., Kottayam, Kerala

www.mgu.ac.in

Permanent Affiliation from 30.10.1999

Name of Principal/Director

Dr. Mendus Jacob, Ph D (Operations Research)

Director, Post Graduate Department of Computer Applications

Ph: +91 4869 233758, Fax: +91 4869 232438

Email: mcadirector@mariancollege.org

Members of the Governing Body

- **H. E. Mar Mathew Arackal** (Patron)
Bishop of Kanjirapally, Catholic Diocese of Kanjirapally
- **H.E. Jose Pulicakal**
Auxiliary Bishop of Kanjirapally, Catholic Diocese of Kanjirapally
- **Very Rev. Fr. Justin Pazheparampil**
Vicar General, Catholic Diocese of Kanjirapally
- **Rev. Fr. James Kozhimala** (Chairman)
Manager, Marian College Kuttikkanam
- **Rev. Fr. Dr. Roy Abraham P** (Secretary)
Principal, Marian College Kuttikkanam
- **Rev. Dr. Hubby Mathew**
Executive Director, Peermade Development Society
- **Sri. Michael A Kallivayalil**
Eminent Industrialist & Planter
- **Sri. Joseph Micheal Kallivayalil**
- **Sri. George J Mathew**
Ex. Member of Legislative Assembly
- **Dr Francis Abraham**
Professor, University of Louisiana, USA
- **Dr Mendus Jacob**
Industrialist and Academician
- **Dr Jose James**
Former Registrar, Mahatma Gandhi University
- **Dr Francis Cleetus**
- **Chev Adv V C Sebastian**
- **Mr Babu Karippaparampil**
- **Mr T K Jose Jose IAS**

Board meetings of the College Governing Body are held once in three months.

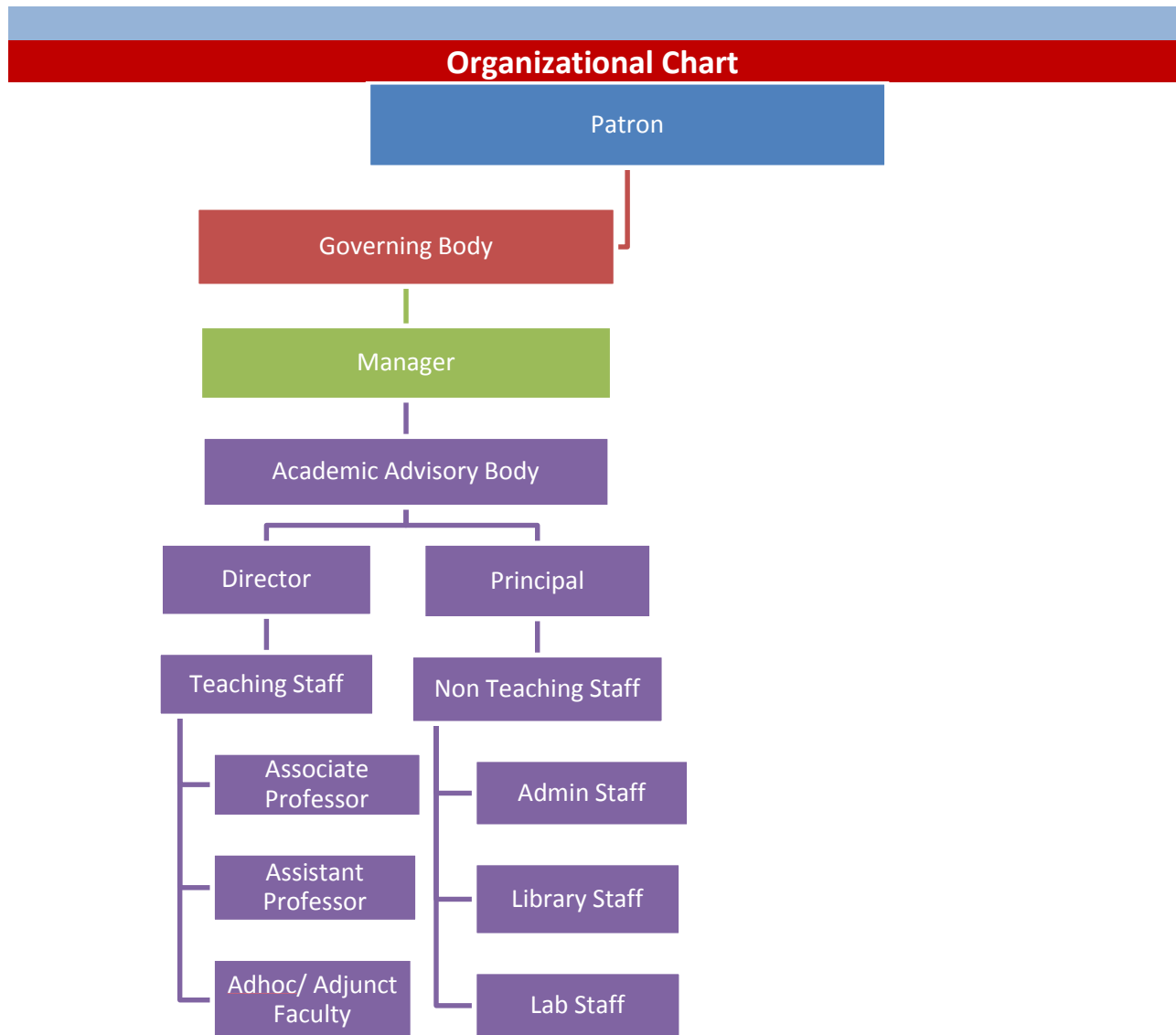
Members of Academic Advisory Body

- **H. E. Mar Mathew Arackal**
Bishop of Kanjirapally, Catholic Diocese of Kanjirapally
- **Rev Fr James Kozhimala**
Manager, Marian College Kuttikkanam
- **Dr. Mendus Jacob**
Director, Post Graduate Department of Computer Applications
Marian College Kuttikkanam
- **Mr. N. T. Nair**
VP, CMS Computers, Trivandrum, Kerala
- **Dr. Shreekrishna Kumar**
Director, School of Technology and Applied Sciences
MG University, Kottayam, Kerala
- **Dr. Rajimol A**

Marian College Kuttikkanam

- **Prof. Rajendran R.**
Reader, School of Technology and Applied Sciences
MG University, Kottayam, Kerala
- **Mr. Sathagopan**
Head, QA, Scandent Group, Chennai

Board meetings of the College Academic Body are held twice in an year.



Student feedback mechanism on institutional Governance/Faculty performance

Director takes feedback from students on faculty performance on a prescribed format electronically. This is done on a semester basis. He also takes informal feed backs from students

on a regular basis. Faculty will be summarized on student's feedback and corrective measures are taken, when necessary

Grievance redressal mechanism for faculty, staff and students

We have constituted a Grievance Redressal Cell as per AICTE directives, headed by Mr Robins A Kattoor, Associate Professor, P G Department of Computer Applications

Name of the Department, Course, Level & first year of approval

P G Department of Computer Applications, Master of Computer Applications (Regular), P G, 2001

P G Department of Computer Applications, Master of Computer Applications (2nd Year Direct), P G, 2014

Year Wise Sanctioned Intake

| Course | 2016 | 2015 | 2014 | 2013 | 2012 |
|---------------------------------------------------------------|------|------|------|------|------|
| Master of Computer Applications (Regular) | 60 | 60 | 60 | 60 | 60 |
| Master of Computer Applications (2 nd Year Direct) | 60 | 60 | 60 | Nil | Nil |

| | M C A (Regular) | | | M C A (2 nd Year Direct) | | |
|------------------------------------|-----------------|------|------|-------------------------------------|------|------|
| | 2016 | 2015 | 2014 | 2016 | 2015 | 2014 |
| % Students passed with Distinction | | | | | Nil | Nil |
| % Students passed with first class | | | | | Nil | Nil |
| Students placed | 36 | 45 | 44 | 24 | Nil | Nil |
| Average Pay. Package Rs./Year | | | | | Nil | Nil |
| Students opted for higher studies | Nil | Nil | Nil | Nil | Nil | Nil |

Placement details of Students

| Batch | Total no of Students | No of eligible candidates | No of Placed Students | Minimum Salary | Maximum Salary | Average Salary |
|-------------|----------------------|---------------------------|-----------------------|----------------|----------------|----------------|
| 2014 – 2017 | 24 | 18 | 6 | 10000 | 22000 | 14000 |
| 2015 – 2017 | 55 | 45 | 1 | 10000 | 10000 | 10000 |
| 2013 – 2016 | 49 | 41 | 36 | 8000 | 26000 | 15000 |
| 2014 – 2016 | 43 | 35 | 24 | 8000 | 26000 | 15000 |
| 2012 – 2015 | 59 | 49 | 45 | 7000 | 22000 | 14000 |
| 2011 – 2014 | 60 | 54 | 44 | 7000 | 30000 | 18000 |

Accreditation status of the course

Courses are not accredited

Doctoral Courses

Nil

Foreign Collaborations, if any

Nil

Professional Society Memberships

Computer Society of India

Professional Activities

- Industry Interface
- Alumni Interface
- Industrial Visits
- Digital Awareness Campaign
- Surveys
- Workshops
- Technical Talks
- Advanced technical training

Consultancy Activities

Consultancy Services offered in Management, Big Data, Python, Android

Grants fetched

Nil

Departmental Achievements

UGC Minor Project

2 Awards/ Recognitions

3 University Ranks

22 Publications in National & International Journals

The networking students developed and deployed Private Cloud in the campus

Membership in professional bodies like Computer Society of India, Consortium of Placement Officers of Kerala

Distinguished Alumni

Our alumni are in lead position of prominent MNC's in India and abroad (City Bank-Malaysia, Oracle, IBM, United Airlines, Cognizent, Kuoni Gits)

Dr Mendus Jacob



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|-----------------------------------------------------------|------------------------------------------------|------------|
| Name of the Teaching Staff | Dr Mendus Jacob | |
| Designation | Director | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 01 – 06 – 2002 | |
| Qualification with Class / Grade | M Sc, M Phil, Ph D | |
| Total Experience in Years | | |
| Teaching : 22 | Industry: 18 | Research:5 |
| Papers Published in Journals | | |
| National: 11 | International : 9 | |
| Institutional Responsibilities | | |
| Mentor – Faculty Members, Staff Advisory Committee Member | | |



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|----------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|--------------------|
| Name of the Teaching Staff | Win Mathew John | |
| Designation | HOD & Associate Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 02 – 04 – 2008 | |
| Qualification with Class / Grade | M Sc, MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 16 | Industry: Nil | Research: 3 |
| Papers Published in Journals | | |
| National: 2 | International : 1 | |
| Institutional Responsibilities | | |
| Coordinator, P G Department of Computer Applications, College Level Coordinator for Continuous Assessment, Official Mail Administrator | | |



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|---------------------------------------|------------------------------------------------|----------------------|
| Name of the Teaching Staff | Robins A Kattor | |
| Designation | Associate Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 13 – 08 – 2004 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 12 | Industry: 5 | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
| Faculty Advisor (2014 Batch) | | |



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|---------------------------------------|------------------------------------------------|--------------------|
| Name of the Teaching Staff | Brijesh George John | |
| Designation | Associate Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 09 – 01 - 2005 | |
| Qualification with Class / Grade | MBA, M Sc (SA), PGDMM, PGDBA | |
| Total Experience in Years | | |
| Teaching : 10 | Industry: 9 | Research: 2 |
| Papers Published in Journals | | |
| National: 3 | International : 2 | |
| Institutional Responsibilities | | |



Placement Officer



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|-------------------------------------------------------------------------------------|------------------------------------------------|---------------|
| Name of the Teaching Staff | Reny Jose | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 02 – 05 - 2005 | |
| Qualification with Class / Grade | MCA, M Tech (IT), M Phil | |
| Total Experience in Years | | |
| Teaching : 11 | Industry: Nil | Research; Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
| Mentor (2015 batch), IQAC Core committee member, PG Best Class evaluation Organizer | | |



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|-------------------------------------|------------------------------------------------|---------------|
| Name of the Teaching Staff | Raji Ramakrishnan Nair | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 31- 12 - 2007 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 11.5 Years | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |

| Institutional Responsibilities | | |
|-------------------------------------------------------------------------------------|------------------------------------------------|----------------------|
| Department Book Bank in charge | | |
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| Name of the Teaching Staff | Satheesh Kumar S | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 06 – 08 - 2009 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 7 | Industry: 5 | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
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| Name of the Teaching Staff | Kochumol Abraham | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 08 – 09 - 2009 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 11 | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: 2 | International : 3 | |

Institutional Responsibilities



Faculty Advisor(2016 Lateral Batch), Women Cell Organizer




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| Name of the Teaching Staff | Sr Regina SABS | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 19 – 04 - 2010 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| Teaching : 6 | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |



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| Name of the Teaching Staff | Sibi Jacob | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 06 – 07 - 2011 | |
| Qualification with Class / Grade | MCA, M E | |
| Total Experience in Years | | |
| Teaching : 5 | Industry: Nil | Research: 1 |
| Papers Published in Journals | | |

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| National: Nil | International : 1 | |
| Institutional Responsibilities | | |
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| Name of the Teaching Staff | Jaison Mathew | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 10 – 08 - 2009 | |
| Qualification with Class / Grade | MBA | |
| Total Experience in Years | | |
| Teaching : 7 | Industry: 3 | Research; Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
| Placement Co-ordinator | | |
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| Name of the Teaching Staff | Athiramol T V | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 13 – 08 - 2013 | |
| Qualification with Class / Grade | M Sc (Mathematics) | |
| Total Experience in Years | | |
| Teaching : 2 | Industry: Nil | Research: Nil |

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|-------------------------------------------------------------------------------------|------------------------------------------------|----------------------|
| Papers Published in Journals | | |
| National: 1 | International : Nil | |
| Institutional Responsibilities | | |
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| Name of the Teaching Staff | Sonia Scaria | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 11 – 06 - 2014 | |
| Qualification with Class / Grade | MPE | |
| Total Experience in Years | | |
| Teaching : 2 | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
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| Name of the Teaching Staff | Kiran V Nath | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 07 – 07 - 2014 | |
| Qualification with Class / Grade | MCA, M Tech (IT) | |
| Total Experience in Years | | |
| | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| | International : Nil | |
| Institutional Responsibilities | | |
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|---------------------------------------|------------------------------------------------|----------------------|
| Name of the Teaching Staff | Sijo Thomas | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 01 – 07 - 2015 | |
| Qualification with Class / Grade | MCA | |
| Total Experience in Years | | |
| Teaching : 2 | Industry: 5 | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |



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|---------------------------------------|------------------------------------------------|----------------------|
| Name of the Teaching Staff | Titus J Sam | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 01 – 09 - 2015 | |
| Qualification with Class / Grade | MCA | |
| Total Experience in Years | | |
| Teaching : 2 | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: 1 | International : Nil | |
| Institutional Responsibilities | | |



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| Name of the Teaching Staff | Divya Joseph | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 25 – 08 - 2015 | |
| Qualification with Class / Grade | B Tech, M Tech | |
| Total Experience in Years | | |
| Teaching : 2 | Industry: Nil | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : 2 | |
| Institutional Responsibilities | | |



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|---------------------------------------|------------------------------------------------|----------------------|
| Name of the Teaching Staff | Prince V Jose | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 04.01.2017 | |
| Qualification with Class / Grade | B Tech, M Tech | |
| Total Experience in Years | | |
| Teaching : 3 | Industry: 2 | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : 2 | |
| Institutional Responsibilities | | |



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|---------------------------------------|------------------------------------------------|----------------------|
| Name of the Teaching Staff | Abin Thomas Mathew | |
| Designation | Assistant Professor | |
| Department | P G Department of Computer Applications | |
| Date of Joining the Institution | 23.012017 | |
| Qualification with Class / Grade | MCA | |
| Total Experience in Years | | |
| Teaching : 1 | Industry: 2 | Research: Nil |
| Papers Published in Journals | | |
| National: Nil | International : Nil | |
| Institutional Responsibilities | | |
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Fee

- a. Details of Fee, as approved by State Fee committee, for the Institution**
Rs. 60,000/- per student per year.
- b. Time Schedule for payment of fees for the entire programme**
Fee collected yearly in the month of November
- c. No. of Fee waivers granted with amount and name of students**
2013 – 16 (3 Students)
1. Joseph Mathew
 2. Bibin Chacko
 3. Sruthimol M
- d. Number of Scholarships offered by the Institute, duration and amount**
The Institution offers only Fee waivers and no Scholarships are offered.
- e. Criteria of Fee waivers/Scholarship**
Fee waiver/ Scholarships is granted for the economically backward students with excellent academic propensity.
- f. Estimated cost of Boarding and Lodging in Hostels**
Rs. 10,000/- per year

Admission

- a. Number of seats sanctioned with year of approval**
Number of seats sanctioned for MCA (Regular): 60

Year of approval: 2001 (27 - 06 - 2001)

Number of seats sanctioned for MCA (Lateral): 60

Year of approval: 2001 (07 - 06 - 2014)

- b. Number of students admitted under various categories each year in the last three years.**

| Year | Sanctioned Intake | Management Quota | Merit Quota | NRI Quota |
|--------------|-------------------|------------------|-------------|-----------|
| 2016- 2019 | 60 | | 56 | |
| 2016- 2018 | 60 | | 09 | |
| 2015- 2018 | 60 | | 30 | |
| 2015- 2017 | 60 | | 57 | |
| 2014- 2017 | 60 | | 24 | |
| Total | 300 | | 176 | |

- c. Number of applications received during last two years for admission under Management Quota and number admitted.**

From 2008 -09 Academic year onwards no management Quota

Admission Procedure

- a. Mention the admission test being followed, name and address of the Test Agency and its URL (website).
Entrance examination for the Admission for MCA course by Kerala Government
GOVERNMENT OF KERALA
OFFICE OF THE COMMISSIONER FOR ENTRANCE EXAMINATIONS
HOUSING BOARD BUILDINGS, SANTHINAGAR, THIRUVANANTHAPURAM – 695 001.
URL : <http://lbscentre.in/> or www.cee-kerala.org
- b. **Number of seats allotted to different Test Qualified candidates separately [AIMCET/CET (State conducted test/University tests)/Association conducted test]**
The institution sanctions the merit quota only from the state conducted test.
Merit quota : 100% seats
- c. **Calendar for admission against management/vacant seats:**
- NA

Criteria and Weightage for Admission

Application Form

Candidates can apply online

Information on infrastructure and other resources available

Library:

a. Number of Library books/Titles/Journals available (programme-wise)

| | |
|----------------------------------|---------------|
| Number of Books: | 10,850 |
| Number of Titles: | 3345 |
| Number of Journals: | 24 |
| Number of International Journal: | 13 |

b. List of online National/International Journals subscribed.

- Online Databases: NLIST, PROQUEST, QUESTIA, Sage Online

c. E-Library facilities

- Digital Library facility is available in the intranet

Laboratory:

Not Applicable

Computing Facilities:

a. Number and Configuration of Systems

Number of Systems: 98

Configuration:

Intel Core i3 Processors ; 98

b. Total number of systems connected by LAN

Systems in LAN Configuration: 98

c. Total number of systems connected to WAN

98

d. Internet bandwidth

160 Mbps lease line serviced by Bharat Sanchar Nigam Ltd. (BSNL) & Airtel

- **Major software packages available**

System software:

Licensed Bulk Volume under MSDN

- Windows 7
- Windows 8
- Windows 2012
- Windows 2000 Advanced Server

Application Software:

Licensed Bulk Volume under MSDN

- Microsoft Visual Studio 6.0
- Microsoft Office XP
- Microsoft Office Access 2003
- Microsoft Office Info path 2003
- Microsoft Office One Note 2003
- Microsoft Office Project Professional 2003
- Oracle 8
- Norton Anti virus Co-operative edition
- Microsoft Visual Studio . Net 2003
- Microsoft Embedded Visual C++ 4.0 With Service Pack 2
- Microsoft SQL Server 2000 Enterprise Edition
- Microsoft SQL Server 2000 Standard Edition
- Microsoft SQL Server 2000 Service Pack 3a
- Windows Server 2000 Resource Kit
- Windows 2000 Service Pack4
- Windows XP Service Pack2
- MSDN Library For Visual Studio 6.0
- MSDN Library For Visual Studio . Net 2003
- MSDN Library For Visual Studio . Net 2005
- MSDN Library For Visual Studio . Net 2008
- Windows Small Business Server 2003
- Microsoft Identity Integration Server 2003 Enterprise Edition
- Windows CE.Net 4.2
- Windows XP Tablet PC Edition
- Microsoft Content Management Server 2001
- Microsoft Internet Security And Acceleration Server 2000 Enterprise Edition
- Windows 2000 Server Resource Kit
- Windows XP Driver Development Kit
- Windows Server 2003 Driver Development Kit
- SQL Server 2000 Web Service Toolkit
- Microsoft System Management Server 2003
- Microsoft Exchange Server 2003 Enterprise Edition
- Microsoft Operations Manager 2005
- Microsoft Speech Server 2004 Enterprise Edition
- SQL Server 2000 Reporting Services Developer Edition
- Microsoft Virtual PC 2004 Windows System Resource Manager
- Microsoft Office Visio Professional 2003
- Visual Studio.Net Academic Student Tools 2003
- Microsoft Internet Security And Acceleration Server 2004 Standard Edition
- Visual Studio.Net Academic Teaching Tools 2003
- Microsoft.Net Academic Resource Kit

- Visual SourceSafe 6.0d
- Visual FoxPro 9.0
- Visual FoxPro 8.0
- Microsoft Office Outlook Standard 2003
- Microsoft Office Project Server 2003
- Visual Basic for Applications Software Development Kit Version 6.4
- Microsoft Commerce Server 2002 Developer Edition
- SQL Server For Windows CE 2.0
- Microsoft Operations Manager 2005
- McAfee Antivirus 8.7i
- RHEL 4

e. Special purpose facilities available:

▪ **Games and Sports Facilities**

- i. Indoor Stadium for Badminton
- ii. Football Ground
- iii. Basketball court
- iv. Gymnasium
- v. Volley Ball Court

▪ **Extra Curriculum Activities**

- Apart from the syllabus the MCA students at Marian get ample opportunities to have first hand experience of the latest developments in the industry through the regular academia-industry interface programs
- Apart from the activities prescribed in the curriculum, students can visit industries and have interactions with leading industrialists
- Personal effectiveness program of six months-duration, spread over the entire course to sharpen the students' soft skills.
- The **Virtual Company**, a novel concept, helps students to bridge the gap between the institution and industry and there by providing chances to earn and support their studies.
- **Extra syllabi specifications, live projects and case studies** to facilitate enhanced understanding of the topic.
- **'Ignite'** – A National level IT fest organized annually by the final year MCA's, aimed at enhancing the organizational skills of the students.

▪ **Soft Skill Development Facilities**

- **Personal effectiveness program** of six months-duration, spread over the entire course to sharpen the soft skills of the students.
- **Special Training** for aptitude, GD etc to make the students more competent
- Students volunteer to communicate in English on the campus to **line up with the global work force.**

- The **Virtual Company**, a novel concept, helps students to bridge the gap between the institution and industry and there by providing chances to earn and support their studies.
- Special **training on emerging technologies** such as .NET and J2EE to make students competent in the ever changing IT scenario.
- **MSDN Academic Alliance** for Microsoft Certified courses, which includes the latest development tools, servers and platforms from Microsoft, in the Microsoft licensed computer lab.
- **Extra syllabi specifications, live projects and case studies** to facilitate enhanced understanding of the topic.
- For the MCA students to get in touch with the industry, the changing IT scenario, the job opening at Bangalore, the Department has planned to conduct a one-month off-campus study and interaction program at Bangalore. This will give the students a chance to interact with the experts from the industry.
- The daily activities includes Thoughts for the day, Daily presentations and per week the students themselves have to conduct mock interviews ,Quizzes, GDs , General Aptitude tests, Computer related technical aptitude.
- Apart from the syllabus, students must get certified either in Microsoft (MCP), Redhat (RHCE), CCNA or SCJP.

- **Number of Classrooms and size of each**
Class rooms: 5
Area: 3 of 91 Sq. M each and 2 of 60 Sq. M each
- **Number of Tutorial rooms and size of each**
Not Applicable
- **Number of laboratories and size of each**
Not Applicable
- **Number of drawing halls and size of each**
Not Applicable
- **Number of Computer Centres with capacity of each**
Computer Lab: 1
Area: 524.80 Sq. M
Seating Capacity: 94
- **Central Examination Facility, Number of rooms and capacity of each.**
 - 2 Halls suitable for Placements/ Examinations / Presentations with seating capacity of 120, 400 Nos. Public Address System, LCD projector, OHP, Computer System etc are also available.
 - 5 Class rooms with LCD projector, Computer, Board etc for conducting Placement Interviews.
 - 90 computers for online examinations.

- **Teaching Learning process**
 - Classroom Lectures
 - Multimedia Presentations
 - Live Project Works

- Seminar & Presentation
- Individual & Group based Development Activities
- Weekly Technical & Aptitude Tests
- Assignments

MCA (Regular) Syllabus

| Semester - I | |
|----------------|------------------------------------------------------------------|
| PMC1701 | Mathematical Foundations of Computer Science |
| PMC1702 | Digital Systems and Logic Design |
| PMC1703 | Computer Organization and Architecture |
| PMC1704 | Structured Programming with C |
| PMC1705 | Principles of Management and Accounting |
| PMC1706 | Programming Lab In C |
| PMC1707 | Mini Project – I |
| PMC1708 | Communication Skill Enhancement Training |
| Semester - II | |
| PMC1709 | Object Oriented Programming with C++ |
| PMC1710 | Probability and Statistics |
| PMC1711 | Microprocessors and Embedded Systems |
| PMC1712 | Operating Systems |
| PMC1713 | Recent Advancements in Computer Science |
| PMC1714 | Programming Lab in C++ |
| PMC1715 | Internet Of Things And Hardware |
| PMC1716 | Mini Project – II |
| Semester - III | |
| PMC1717 | JAVA PROGRAMMING (Core) |
| PMC1718 | Database Management Systems |
| PMC1719 | Software Engineering |
| PMC1720 | Data Mining |
| PMC1721 | Networking and System Administration |
| PMC1722 | Entrepreneurship, Innovation and Communication Skill Enhancement |
| PMC1723 | C Aptitude |
| PMC1724 | Programming Lab In JAVA |
| PMC1725 | Mini Project – III |
| PMC1726 | Domain Expertise Workshop |
| Semester - IV | |
| PMC1727 | Web Programming using PHP |
| PMC1728 | Data Communication and Networks |

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|-------------------------------|------------------------------------------------------------------|
| PMC1729 | Data Structure and Analysis of Algorithms |
| PMC1730(A) | Principles of Compiler Design |
| PMC1730 (B) | Hadoop and MapReduce |
| PMC1730 (C) | Cloud Computing |
| PMC1731 | Aptitude and Communication Skill Enhancement Training |
| PMC1732 | Domain Expertise workshop |
| PMC1733 | Programming Lab In PHP |
| PMC1734 | Mini Project - IV and Project Presentation |
| PMC1735 | Social Initiatives |
| Semester - V | |
| PMC 1736 | Internet Technology and Distributed Applications |
| PMC 1737 | Computer Graphics |
| PMC 1738 | Operations Research |
| PMC 1739 (A) | Web Programming using Python |
| PMC 1739 (B) | Big Data Analytics |
| PMC 1739 (C) | Storage and data Centre Management |
| PMC 1740 (A) | Mobile Application Development |
| PMC 1740 (B) | Data Science with R |
| PMC 1740 (C) | Network and Information Security |
| PMC 1741 | Main Project Phase – I |
| PMC 1742 | Domain Expertise Workshop |
| Semester - VI | |
| PMC 1743 | Innovative Initiatives |
| PMC1744 | Familiarizing Open Source Software |
| PMC1745 | Artificial Intelligence |
| PMC1746 | Main Project |
| PMC1747 | Viva Voce |
| PMC1748 | Workshop on Intellectual property Rights |
| MCA (Lateral) Syllabus | |
| Semester - III | |
| PMC1717 | JAVA PROGRAMMING (Core) |
| PMC1718 | Database Management Systems |
| PMC1719 | Software Engineering |
| PMC1720 | Data Mining |
| PMC1721 | Networking and System Administration |
| PMC1722 | Entrepreneurship, Innovation and Communication Skill Enhancement |
| PMC1723 | C Aptitude |

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| PMC1724 | Programming Lab In JAVA |
| PMC1725 | Mini Project – III |
| PMC1726 | Domain Expertise Workshop |
| PMC1701 | Mathematical Foundations of Computer Science (Bridge Course) |
| Semester - IV | |
| PMC1727 | Web Programming using PHP |
| PMC1728 | Data Communication and Networks |
| PMC1729 | Data Structure and Analysis of Algorithms |
| PMC1730(A) | Principles of Compiler Design |
| PMC1730 (B) | Hadoop and MapReduce |
| PMC1730 (C) | Cloud Computing |
| PMC1731 | Aptitude and Communication Skill Enhancement Training |
| PMC1732 | Domain Expertise workshop |
| PMC1733 | Programming Lab In PHP |
| PMC1734 | Mini Project - IV and Project Presentation |
| PMC1735 | Social Initiatives |
| PMC1710 | Probability and Statistics (Bridge Course) |
| Semester - V | |
| PMC 1736 | Internet Technology and Distributed Applications |
| PMC 1737 | Computer Graphics |
| PMC 1738 | Operations Research |
| PMC 1739 (A) | Web Programming using Python |
| PMC 1739 (B) | Big Data Analytics |
| PMC 1739 (C) | Storage and data Centre Management |
| PMC 1740 (A) | Mobile Application Development |
| PMC 1740 (B) | Data Science with R |
| PMC 1740 (C) | Network and Information Security |
| PMC 1741 | Main Project Phase – I |
| PMC 1742 | Domain Expertise Workshop |
| Semester - VI | |
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