

AMACE VOICE



AMAL JYOTHI MCA ASSOCIATION
FOR CAREER ENHANCEMENT

Yearly Newsletter

Volume 1

MAY 2015



Department Inauguration



Department of Computer Applications being inaugurated by **Rev. Dr. Roy Abraham**, Principal, Marian College, Kuttikanam, on 11th August 2014.

Courses offered

- **MCA (Regular)**
- **MCA (LE)**
- **MCA Integrated**

Amal Jyothi College of Engineering, Kanjirappally, Kerala, a top-rated new generation engineering college in Kerala, is a brilliant example of the vision and foresightedness of **Mar Mathew Arackal**, its Founder-Patron, and **Bishop of Kanjirappally**. Provided with state-of-the-art equipment and infrastructural facilities, the College is making great forays into the arena of technical higher education. The College is situated in an agrarian hinterland, catering mainly for the middle and lower classes. The college is a mega complex occupying nearly 15 lakh sq.ft. built-up area overlooking the busy **Kanjirappally-Erumeli** stretch of the **Kottayam-Sabaramala** state highway. Founded in 2001, Amal Jyothi is approved by the **AICTE** and affiliated to **Mahatma Gandhi University**. Admissions to the 9 UG and 11 PG programs are offered on the basis of a transparent merit list. Amal Jyothi has around 300 faculty and staff and 3000 students, including a B.Tech intake of 750 seats, the highest among new generation engineering colleges in Kerala.

Master of Computer Applications is designed to mould world-class computer professionals of scientific temper by providing theoretical knowledge and practical exposure through live projects and skills for software development and implementation. Experience in emerging technologies through finishing school courses equips students as industry ready. Budding entrepreneurs are given incubation support on the campus.



Fr. Rubin Thottupuram holds MTech, MCA. Currently he is doing PhD in MG University. He has published research articles in many refereed journal and presented papers in many national and international conferences.....



Ms. Merin Manoj had completed M.Sc Software Engineering and MTech. She took certification in Software Testing in 2005. She started her career as a Software Engineer in Islet Systems Pvt Ltd, Cochin. Her active areas of interest include Cryptography, Mobile communication and Computer Graphics



Mr. Ajith G S had completed MCA and MTech. He has over 20 years' experience in programming and academia. Also he worked as Managing Partner in PIXXELS Computers Kollam. His active area of interests includes programming in C, C++ and Java. He had published papers in journals and presented papers in national and international conferences.



Mr. Jobin T J holds MTech and MCA. He has over 14 years experience in industry and academia. He worked as Software Engineer at Software solutions, Cochin. His research areas include network security, Artificial Intelligence, data mining, machine learning etc.



Ms. Lisha Varghese completed her MCA and MTech. She has ten years of teaching experience and her areas of interests include Web Technologies and Computer Security. She is keenly interested in Artificial Intelligence and engages sessions on Cryptography, Artificial Intelligence and Web Technologies.



Mr. Jinson Davis has over 12 years of rich experience in industry and academia. He has MCA and MTech. Prior to joining Amal Jyothi, he has been a faculty member at MACEAST Thruvalla. He had worked as the software engineer in SINASOFT Ernakulam and C-DAC Trivandrum. His area of interest includes image processing and computer networks. He had published papers in journals and presented papers in national and international conferences in the field of data communication.



Ms. Shelly Shiju George has completed MCA and MTech. She is an expert advisor in Raspberry Pi projects. She has published papers in journals and presented papers in national and international conferences. She has 12 years of experience in teaching field.

Sr. Elsin Chackalal has completed MSc and MTech. She has presented papers in national and international conferences in the field of network security. Research interests include Network security and Data mining.



Mr. Juby Mathew holds MCA, MPhil and MTech. Currently he is pursuing his PhD from school of Computer science, Mahatma Gandhi University Kottayam. So far he has published Ten international journals and presented papers in more than Twenty National and International conferences. He has more than twelve years of teaching and corporate experience and continuing his profession in teaching.

Ms. Jetty Benjamin is currently working as assistant professor in the Department of computer Applications. She pursued graduation in Computer Applications in 2009. Thereafter, pursued her Masters in Computer Applications in 2012. Active Area of interest includes Analysis of Algorithm.



Ms. Gloriya Mathew has completed BTech in Computer Science and Engineering in 2011. Thereafter, completed MTech in Computer Science & Engineering. Active Area of interest includes Network Security. She has published papers in journals and presented papers in national and international conferences.

Ms. Dilu Mariya Joseph has completed graduation in 2010. Thereafter, Masters in Computer Applications in 2013. Active Area of interest includes Networking. She has presented papers in various Conferences.



Staff Profile

PhD *	2
MTech	11
MCA	7
MPhil	1

Career Enhancement Cell

Our students undergo a rigorous training programme for career development organized by the Career Enhancement Cell under the leadership of Sri. Abraham Kurien IPS, presently Director AJICS (Amal Jyothi Institute for Civil Services). CEC consists of a team of young, talented and highly motivated faculty who work towards furthering of your career goals.

Salient features

Bank Coaching classes

Leadership skills

Aptitude and Communication skill training

Soft skills

Mock Interviews and group Discussions

Online and offline test



Technology Business Incubation (TBI)

Entrepreneurs are provided office space in the Incubation Centre to set up their R & D/business operations. This Centre avail the facility for BTech/ MCA/ MTech final year students for project development as a part of their course completion. The Centre is dedicated to providing support to new ventures in innovation beneficial to society.



The Centre has the following facilities

Fully furnished air-conditioned office space
Uninterrupted power supply
100 Mbps internet connectivity
Discussion rooms
Conference hall
Cafeteria/Guest House

Foreign Language Courses

Many Multi-National Companies look for individuals with impressive CVs having value addition certificates in foreign languages, since it helps them connect with clients world-wide. Courses are offered in the following:-

- **Itāḷiān**
- **German**
- **French**



Techie Hangouts

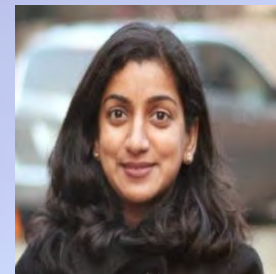
The department focuses on conducting interactive and informative online classes by technical experts. Students will be interacting with techies working in India and Abroad through online Interactive Video Hangouts.



Mr. Dileep, Application Architect, IBM, USA



Mr. Suresh Babu, VP IT, Systemax, USA



Nisha Michael Application Engineer at Google, USA



Mr. Dileep Mundakkapatta, Application Architect at IBM Global Services, Seattle, USA, addressing students On 27 January 2015, on SDLC (waterfall model and agile development)

Finishing School Courses

Finishing School is a concept wherein we bridge the gap between education and the demands of the job market, thereby moulding students to meet the requirements of the industry. We help candidates identify their strengths, thus making them equipped and ready for a bright career in whichever field they choose. The carefully crafted courses are designed to help students make the best of their abilities.

HTML

JavaScript

ASP.NET

PHP

Codeigniter

CakePHP

Android

C#.NET, VB.NET

Register and Host your Website

AutoCAD

Oracle Academy(JAVA/SQL)

Teaching Assistance by S6 MCA in C Programming for DD MCA

An intensive crash course on 'Programming methodology and C Programming' for DD MCA 2014-19 batch had been conducted by the students of MCA 2011-14 from 24-November-2014 to 28-November-2014. The students underwent a thorough and intensive training in C programming to improve their programming skills under the guidance of Prof. John T.J and Ms. O'ely George

Cookery Courses

Cookery Courses provide training in culinary skills, Indian, Chinese and Continental dishes at the state-of-the-art Central Kitchen of the College hostel.



English Training for DD MCA

The students undergo intensive training program on English led by the Department of Humanities Amal Jyothi College of Engineering to improve their language.

Session on Dining Etiquette

Etiquette affects almost every aspect of dining. Dining etiquette rules apply before you ever take your seat and continue after you excuse yourself from the table. The sessions on dining etiquette had been arranged for all the students for their improvement in manners.

AGON International Techno Quiz

Interscholar Quiz and Essay Contest - **AGON 14** was organized by Amal Jyothi College of Engineering in association with Deepika.com and DCL. The contest aims at promoting scholastic excellence and competence through healthy and fair competition among students from various schools and colleges.



Inspire 2014

A Techno Cultural meet for schools was held on September 27, 2014 along with AZURE 2014, a National level techno cultural fest conducted by Department of Computer Applications. More than 250 students from various schools participated in the events and Marian Senior Secondary School Vaddavathoor won the overall championship. Students and staff had taken time off their busy schedule under the guidance of Mr. Juby Mathew and Ms. Jetty Benjamin for the successful completion of the program. Inspire contained five events including cultural, technical and literary competitions offering prizes worth Rs 60,000



Pathfinder

It is a career guidance workshop for 10th and +2 Students. The programme has its focus on providing career orientation for High School and Higher Secondary Students by furnishing comprehensive information about



Courses and Careers open to students who hail from different branches of study and who are endowed with skills and aptitudes special to each. At the end of the programme each student would be expected to have a clear picture of Courses and Careers that are most suited to their individual personality and which are most likely to provide them with the best opportunity to reach their full potential. The programme is led by retired Senior Civil Services officer Mr. Abraham Kurien IPS, former DGP, Govt. of U.P.

Students: Extracurricular/Co-curricular Achievements

Video presentation - 2nd Prize (S4 MCA); Navigator'15 @ Marian College
Praveen P Jose, Sobin K C, George Philip, Nivin C S

Paper Presentation- 3rd Prize (S4 MCA); Navigator'15 @ Marian College
Siju Xavier, Senchu Thomas

Mentorship training-- 2014

The critical role of school teachers in guiding and counselling adolescents under their care is served by a well-designed and professional programme of training for teachers coming from all parts of the State. Mentorship training coupled with Pathfinder programme is a part of a new initiative to provide more focused thrust to youth development in all its dimensions.



Talent Eve

A platform for students to explore their innate talents and to build their potential for ensuring future success. Our first Talent eve was celebrated on May 16th 2014. Students of all batches shared their unique talents. Christmas Celebration along with the talent eve conducted on 17th Dec 2014. The program started with a Christmas message by HOD, Rev. Fr Rubin Thottupuram followed by various programs from each class. The Event thrilled, inspired and touched everyone.

Competitions conducted for students were:

- Posture making
- Carol singing



Teachers' day celebrations



Google Map maker Event 2014



Women's Day Celebrations



Christmas Celebrations



AMACE Radio



Radio AMACE, a venture of Department of Computer Applications was inaugurated by Prof. Manoj T. Joy, HOD, Dept. of CSE on 9th March 2015. It is a promotional platform for our students to cultivate their cultural talents by giving artistic expression on radio. It is also an opportunity for them to learn and gain knowledge about advanced methods and technologies in the field.

Industry visit

Our Department organizes Industrial visits every year so that the students get an understanding about the industry, the organization's operations and the overall business environment. Also they get an opportunity to gain in-depth knowledge about the field of their interest, helping them make the correct career choice in future. Interfacing with the industry gives them a chance to build networks and hone their business communication skills.

All The MCA Batches of our Department have enjoyed their student life with Industrial visits

- MCA 2013 - Infosys Bangalore
- MCA 2014 - Infosys Bangalore

- MCA 2015 - UST Global Cochin
- MCA 2016 - UST Global Cochin



Staff Achievements

→Mr.Juby Mathew (AP, CA) has published a Paper titled "A New Hybrid Scalable Parallel Clustering Approach for Large Data Using FCM And FA" and this paper has selected as the "Best paper" in an International Conference on Advanced IT, Engineering and Management [SAC AIM 2014]-14,15 October 2014-St. Aloysius College [Autonomous], Mangalore, India.

→Mr.Juby Mathew (AP, CA) has published a Paper titled "Scalable Parallel Clustering Approach for Large Data using Genetic Possibilistic Fuzzy C-Means Algorithm", in an "IEEE International Conference on Computational Intelligence and Computing Research-December 18,19,2014 (ICIC 2014)".

→Lisha Varghese, An Enhanced Mechanism for Automated Removal of Cross-site Scripting Vulnerabilities using Input Validation, International Journal of Advance Research in Volume 2, Issue 9, September 2014

→Lisha Varghese, "Enabling Search and Retrieval over Encrypted Data using Homomorphic Encryption" Presented in "International Conference on Innovations & Advances in Science, Engineering and Technology (IC-IASET 2014)" at Toc H Institute of Science and Technology, Cochin and published in IJRSET, Vol. 3, Special Issue 5, July 2014

→Lisha Varghese, A Novel Approach for Efficient Log Management using Event Filtering, Journal: International Journal of Application or Innovation in Engineering & Management (IJAIEM), Volume 3, Issue 8, August 2014

National level e-seminar on "Steps 2 Research"

Steps 2 Research, focused on understanding research in multiple perspectives and help researchers to acquaint themselves with recent developments. The seminar was conducted on 19th and 20th September 2014, through A-View, virtual



learning software. It was meant for teaching faculty, research scholars and post graduate students all over India. The Seminar provided a unique opportunity to learn from very eminent academicians and research scientists by sharing their experiences and best practices blended with Theoretical and Exper-

mental Research.

ISTE Workshop on "LaTeX-Typesetting Tool"

Department of Computer Applications and the Department of Computer Science & Engineering jointly conducted two days ISTE Workshop on "LaTeX-Typesetting Tool" in a row of three series during December 1,2,3,4 2014 and January 22, 23 2015 in association with ISTE Kerala Section.

LaTeX is an extremely powerful markup language for creating structured documents. It is particularly well suited for documents containing mathematics, but can be used for any document. Those whose publications involve a large number of mathematical equations often use LaTeX rather than MS Word or some other word processing package. It is the standard writing tool for most research in the mathematical sciences. LaTeX provides a facility for pdf output so that it is easy to share your research with other people who don't have LaTeX installed. Remarkably, LaTeX is freeware.



Workshop on "Raspberry Pi"



The Raspberry Pi is a low cost, credit-card sized computer that plugs into a computer monitor or TV, and uses a standard keyboard and mouse. It is a capable little device that enables people of all ages to explore computing, and to learn how to program in languages like Scratch and Python. It's

capable of doing everything that a desktop computer will do, from browsing the internet and playing high-definition video, to making spreadsheets, word-processing, and playing games. A workshop of Raspberry Pi has been conducted by Departments of Computer Applications and Computer Science and Engineering on 7th March 2015, Saturday. The workshop was very fruitful and useful for the students as they got lot of project ideas after the practical sessions of the workshop.



Workshop on "Effective use of Information and Communication Technology (ICT) in education and daily task automation"

The Department in association with National Institute for Development of Youth (NIDY) and ISTE Kerala Section, conducted a 2 Day Workshop during 21, 22 May 2015 on "Effective use of Information and Communication Technology (ICT) in education and daily task automation". Sessions were handled by a group of teaching and technical experts. Sessions provide an advanced and deep knowledge on curriculum and technical based computer applications and discussed about different open source softwares. Teachers from many different schools attended the workshop.

Placement records 2015 Batch

A workshop on Python 3 had been conducted by Department of Computer Applications on 26, 27 May 2015. This workshop had provided in-depth knowledge of how to use Python language to create effective programs. The students attended this workshop got good many logical ideas to write efficient and portable programs.

Campus Recruitment

Placement Records 2011-2014 Batch

Teena Mathew	-IBS
Arya Nair	-IBS
Maathu Michael	-IBS
Irene Mathew	-IBS
Norma Antony	-IBS
VinayValsan	-RME Techno park
Alby Joseph	-ExperionTechnopark
Athulya S Kumar	-Experion, Technoark
Jissajaisson	-ExperionTechnopark
Anju raj	-CyberomTechnopark
Shany Mathew	-zyntegra solutions pvt ltd, cochin
Remya Mohan	-AP, MES College Erumely
Aleyamma Sebastian	-AP, MES College Erumely
Balu Abraham	
.Dany Antony	
Shince K Jose Shejnamol	- Promasoft
Arya Surendran	- Promasoft
Annie Xavier	
Renjith R. Nath	- Envestnet, Trivandrum
Sanu P. Antony	

Result Analysis till now

In the Batch of 2011-14, 13 students were placed in the First Class with Distinction and 42 in the First Class

→Semester 5-2011-14 Batch -100%

→Semester 6- 2011-14 Batch -100%

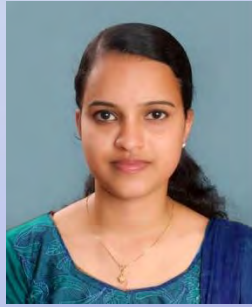
Ms. Teenu V Theresé has got the best outgoing student award: 2011-14 Batch



Teena Mathew -
IBS



Arya Nair
IBS



Maatha Michael
IBS



Norma Antony
IBS



Irene Mathew
IBS



Vinay Valsan
RME Technopark



Alby Joseph
Expert Technopark



Athulya S Kumar
Expert Technopark



Jissa Jaison
Expert Technopark



Anju Raj
Cyboss Technopark



Aleeyamma Sebastian
Assistant Professor
MES College
Erumely



Remya Mohan
Assistant Professor
MES College
Erumely



Shany Mathew
zyntegra solutions
pvt ltd, cochin

Siju Xavier	UST Global
Helen Mary Thomas –	Envestnet, Trivandrum
Parvathy S Kartha	
Ankitha Jose	Wipro
Augustine George	Wipro

Rajasree T	Wipro
Anumol Sebastian , Dani jose	
Dhanya Sebastian , Kasturi Soman	
Nigila M Lavy, Renju Tom	
Ria Mathew, Sumymol Varkey	

Placements records 2015 Batch

Emy M Thomas	Wipro
Jima T J	Wipro
Monisha M Mohanan	Wipro

Teena Susan Varghese	
Vishnupriya M	
Parvathy S. Kartha – Promasoft	



Siju Xavier
UST Global



Ankitha Jose
Wipro



Augustin George
Wipro



Emy M Thomas
Wipro



Jima T J
Wipro



Monisha M Mohan
Wipro



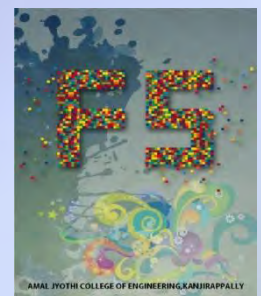
Rajasree T
Wipro

MCA Regular Results

Semester	I	II	III	IV	V	VI
2009-12	90%	78%	82%	100%	91%	100%
2010-13	69.6%	78.5%	76.8%	85.7%	85.2%	100%
2011-14	91.5%	73.7%	94.5%	98.5%	100%	100%
2012-15	86.6%	67.3%	94.23%			
2013-16	94.3%					

Department Digital Magazine

Department digital magazine F5, is the concept, to help and motivate the students to maintain and innovate their new ideas and thoughts. It has been started with the new motto for support of new changes. It is the initialization of a new journey to enhance the hidden talents of students. Students can use this platform to showcase their working innovative skills. It is helpful for students to represent themselves having natural aptitudes.



Some of the Services provided by our Department

Incubation Centre for entrepreneurial support: Ventures by Maathu Michael (MCA 2014batch) www.layamusicals.com, Joffin Jose (MCA 2016 batch) www.visualmagic.in and www.feminworld.com

In house virtual company with the support of the students and faculty develops various software and websites. "Parish Companion" (www.pacom.in) a centralized data management system for parishes. (Completed around 200 installations across Kerala)

Website designed and Hosted includes

www.mariamthresia.org

www.stdominicscollege.org

www.greenkerala.in

www.keralacolleges.in

www.keralaschools.in

www.edukply.in

www.kanjirapallydiocese.com

www.dukhrana.in

www.santhom.org

www.vilanilam.com

www.darsakan.in

Students are getting support for web site design and hosting from department initiative via www.ajcehost.com

Giving consultancies in software deployment and hardware purchases for Sahyadri Co-operative Credit Society Ltd., Kanjirapally and various Schools under the Corporate Management of Diocese of Kanjirapally.

Oracle Academy



The Oracle Academy the global Institute for Technology Provider partnered with Amal Jyothi College of Engineering, Kanjirapally to train students of 21st century and provide teachers with world-class training and professional development opportunities. The Computer Application department along with Oracle Academy have been providing on-line training and on-line conferences for students and teaching community. It is beneficial to students as well as academicians to gear up their knowledge and technical expertise. So far more than 1000 students have successfully completed this course. Those who have successfully completed will get certificates from Oracle Academy.

Main Courses offered are:

1. Database design and programming with SQL
2. Java Fundamentals and Programming with Alice 3 and Greenfoot

Listed below are the online conferences conducted by Department of Computer Applications in technical partnership with Oracle Academy

1. New features on JDK 8 conducted on 24th July 2014
 1. Nirdosh Chouhan, Principal Software Engineer at Oracle (IDC)
 2. Krishnamoorthy Dharmalingam, Technical Manager, R&D Development Oracle
2. New features on MySQL, conducted on 1st August 2014
 1. Anup Kumar Mishra, Sr. Development Manager, Oracle India Pvt. Ltd
 2. Avinash Dubey, Product Development Manager, Oracle Golden Gate
3. Cloud Computing, conducted on 15 December, 2014
 1. Geet Singh, Principal Software Engineer at Oracle (IDC)
4. Internet of Things Tech Session, , conducted on 16 January 2015
 1. Saurabh Singh, Senior consultant for the Oracle Fusion Middleware
5. Oracle Analytics, , conducted on 21 January 2015
 1. Asheema Wattal, Technical Manager, R&D Development Oracle

ALUMNI MEET

Amal Jyothi College of Engineering and Department of Computer Applications organized its Alumni Meet on 20th December 2014. The date of this Meet was declared in the month of November itself and the news spread far and wide. Many of the alumni played active role in contacting their batch mates and others. The Meet was attended by 14 alumni of batches that graduated in year 2012 (First Graduated Batch) to 2013. It was a great pleasure to know about their accomplishments in professional lives. They very proudly took their families around the campus and showed the places where they lived and spent time. The general body meeting of the Alumni Association was held at 4.00pm. In this meeting, NOD of Computer Applications and the faculty members participated. A new Executive body of Alumni Association was formed.

Pehela Milan 2014

New batch students were given a warm welcome. Er. Rubin Thottupuram, NOD, Computer Applications, gave expression to his paternal sentiments to the new academic batch and encouraged them to enjoy their academic journey in this institution. He exhorted them to grow into globally minded individuals fully equipped to meet the growing demands of a competitive world. The new students were given chance to showcase their talents.



Induction programmes for SI MCA and DD MCA

Students had a two days Induction programme led by Mr. Francis. DDMCA students had special orientation program on Drug & Alcohol addiction led by Mr. Georgekutty Augusthy on 25-August-2014.

Farewell 2014



Students of 2011-14 were given a wonderful and heart touching farewell part by their juniors. Ms. Teenu V Threse was the best outgoing student of the batch.

Walk n Talk



Enjoying the energy of Campus and the excitement of new environment. Really a home away from home. We have Walk n Talk in every semester. An opportunity to interact with the teachers about their ideas to innovate them.

AMACE

Amal Jyothi MCA Association for Career Enhancement, under this umbrella department espouses participatory decision making and management of various departmental activities with students, like:

Placement Activities

Admission oriented activities

Conference / Workshop / Seminar

Talent Fest /Competitions

Yearly Digital Magazine – “F5”

Monthly Digital Newsletter

MCA student's blog management - mcablog.ajce.in

MCA Alumni Management

Teachers' Day Celebrations



Testimonials



AJCE gives a great opportunity for students to broaden their knowledge beyond their field of studies and encourage to think out of the box. It gifted me a nice experience and I find this place interesting, exciting and vibrant. - Ms. Shilpa Siby (Best outgoing student 2013)

As an Amalite I can say that AJCE is one of the best college to be at! The staff & teachers are very passionate & show genuine desire to help students to achieve their goals. The college has great modern facilities which promote great learning environment & flexible schedules that suit to meet the needs of a student. - Ms. Teenu V Therese (Best outgoing student 2014)



MCA / MCA LE / DD MCA Admissions

A candidate seeking admission to

(1) Regular 3 year MCA course must have

A pass with not less than 50% marks (or CGPA (Core Courses) more than 2.15 out of 4) in any recognized regular Bachelor's Degree course (with Mathematics / Statistics (Business Mathematics and Business Statistics are excluded)/ Computer Science / Computer Application / Engineering and Technology as a Main / Subsidiary / Core / Complementary) of minimum three years duration in any discipline with Mathematics at 10+2 level

(2) 2 year MCA (MCA Lateral Entry) course must have

A pass with not less than 50% marks in recognized regular Bachelor of science Degree course (BCA/BSc(Comp.Science)/BTech) of minimum three years duration in the discipline of Computer Science or Information Technology with Mathematics at 10+2 level.

(3) 5 year Dual Degree MCA (DDMCA) course must have

A pass with not less than 45% marks in 10+2 level with Physics and Mathematics as compulsory subjects along with one of the Chemistry / Biotechnology / Biology / Technical Vocational subject.