

Alumni Speak

“At Amal Jyothi education has always been “A crest above the Rest”. Realizing the very fact that books are not the only source of learning, the College has taken immense efforts to see to it that each and every student gets the maximum possible exposure in practical field too. AJCE has not only kept its promise of quality but it has also proved its uniqueness by providing the best of everything.”

The Department of Computer Applications of AJCE gives a great opportunity to students to broaden their knowledge beyond their field of studies and to think out of the box. It gifted me a nice experience and I find this place interesting, exciting and vibrant.

Mrs. Shilpa Siby
Best outgoing student 2013



As an Amalite I can say that AJCE is one of the best colleges to be at! The faculty and staff are very passionate and show genuine desire to help students to achieve their goals. The College has numerous modern facilities which promote a great learning environment and flexible schedules that suit the needs of a student.

Ms. Teenu V Therese
Best outgoing student 2014



Amal Jyothi educates students in a very creative way and encourages them to think out of the box. The College not only helped me to excel in the academic field, but also taught me a lot about different cultures. I have had huge amounts of support from both the faculty and staff who will go out of their way to help you. Thanks to Amal Jyothi.

Mr. Senchu Thomas
Best outgoing student 2015



We offer MCA / MCA Lateral Entry / MCA Integrated Courses

A candidate seeking admission to:

(1) Regular 3-year MCA course

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-year duration in any discipline with Mathematics at 10+2 level.

(2) 2-year MCA (MCA Lateral Entry) course

A pass with not less than 50% marks in any recognized regular Bachelor of Science degree course (BCA/BSc(Comp.Science)/IT) of minimum three-year duration with Mathematics at 10+2 level.

(3) 5-year MCA Integrated course

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

mcaadmissions@ajce.in
+ 91 9447290939
+ 91 4828 305635



AMAL JYOTHI
COLLEGE OF ENGINEERING
KANITRAPPALLY



ESPERANZA
ANNUAL NEWS LETTER

DEPARTMENT OF
COMPUTER APPLICATIONS

“ The Department of Computer Applications was established in 2009, continue to grow commendably, setting its foundation as a leading innovator in computer applications. In 2014, MCA Lateral Entry and MCA Integrated started. The first batch of the Department of Computer Applications came out with wonderful results of 95% pass in 2012, which has been maintained all these years. In 2016, MCA Lateral Entry holds the first position and MCA Regular, the third position in the MG University third semester examinations.

MCA RESULTS -February 2016

Lateral Entry
98.11%
1st in University

Regular
92%
3rd in University

Semester	I	II	III/ LE	IV/ LE	V/ LE	VI/ LE
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%	94.3%	90.4%	100%	100%
2013-16	94.3%	90.5%	92.0%			
2014-16			98.11%			
2014-17	84.6%					



The Department of Computer Applications 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
Mundakkapatta
Application Architect
IBM, USA



Mr Suresh Babu
VP IT, Systemax
USA



Ms Nisha Michael
Application Engineer
Google.
USA



Mr Binod Mathew
Implementation Owner
Arrow Electronics Inc., USA



Mr Walter F Edwards
CEO, Medical Accounts Receivable Systems (MARS)
USA



Mr. Sudeep
Balachandramenon
Technical Architect/
Consultant AT&T
New Jersey, USA

congratulations
PhD Awardee



Dr. Juby Mathew

Our Vision

The Department develops professionals having good knowledge, skills and attitude in the field of computer applications for the betterment of the society and industry.

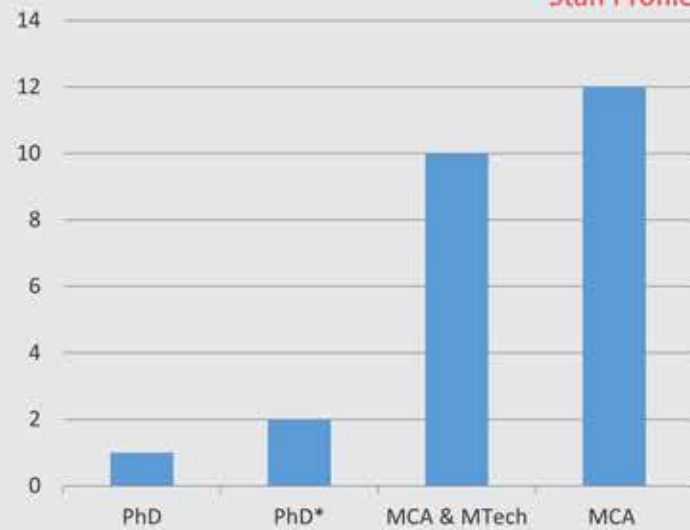
Our Mission

To provide high quality education in computer applications and thereby create computer professionals with proper leadership skills, commitment and moral values.

Our Team

The Department consists of high-profile faculty with research and industry experience. 50% of them hold more than one post-graduation degree. They support real time project guidance to solve problems of the society through modern information technology tools. We maintain 1:15 faculty student mentorship ratio.

Staff Profile



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 worldwide. Courses are offered in the following:

- Italian
- German
- French



Workshop on 'Raspberry Pi'

A workshop on Raspberry Pi was conducted by the Department of Computer Applications. The workshop was very useful for students as they got a lot of project ideas from its practical sessions.



Career Enhancement Cell

Our students undergo a rigorous training for career development organized by the Career Enhancement Cell under the leadership of Shri. 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.



Oracle Academy

The Computer Applications Department, along with Oracle Academy, has been providing on-line training and online conferences for students and the 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 and obtained certificates from the Oracle Academy. Main courses offered are:

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



English Language Training

Students undergo an intensive training program in English to improve their language skills led by Ms. Delfeena Poulouse from Amal Jyothi Institute for Civil Services. It also helps them develop their confidence in speaking and flexibility in their language.

Dining Etiquette

Etiquette affects every aspect of human behavior. 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 students for their improvement in manners.

Finishing School

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
- Code Igniter
- CakePHP
- Android
- C#.NET, VB.NET
- Register and Host your Website
- Oracle Academy (JAVA/SQL)

AGON

An Interschool Quiz and Essay Contest – AGON'15 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. More than 5000 students from in and outside India participated.



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. The course helps students improve their skills in making delicious and nutritious food.



Pathfinder



It is a career guidance workshop for X, XII and Degree Students. The programme has its focus on providing career orientation for High School and Higher

Secondary students by furnishing comprehensive information on Courses and Careers open to students who hail from different branches of study and who are endowed with skills and aptitudes special to each. The programme was led by Mr. Abraham Kurien IPS, former DGP, Govt. of U.P, and Shri. B.S Warriar, noted CareerExpert on 20 February 2016.



Webinar

Webinar on 3 February 2016 about Assurance Services, current trends and career paths was organized by TCS for students on topics of relevance to academia. Webinar helps students to gain deeper insight into the world of Assurance Services and career paths. It proved to be very informative for students.



Digital Magazine

The Department digital magazine F5 second edition, is based on the concept, to help and motivate students to maintain and innovate their novel ideas and thoughts. Digital magazine is an endeavor that will both challenge and engage the students, no matter what they're interested in!



Walk N' Talk

Enjoying the energy of the Campus and the excitement of new environment - really a home away from home, we have Walk N'Talk every semester. It is also an opportunity to interact with the teachers about their ideas to innovate them. They open up and share what is in their hearts. It works like magic ! The relationship deepens and student behavior is positively affected.



Technotica

"Technotica" is a state level software project contest for BCA, B.Sc. Computer Science and IT Students. It was organized by Startups Valley - TBI at Amal Jyothi College of Engineering, sanctioned by NSTEDB, Department of Science & Technology, Govt. of India in association with National Institute for Development of



Youth (NIDY) & ISTE Kerala Section. The presentation was conducted on 1 and 2 February, 2016. Ten teams were selected to the finals.



Seminar

Fr. Roy Vadakkan led a seminar on Time Management for the students on 15 February 2016. It helped them to be aware of using time as one resource in organizing, prioritizing, and succeeding in their studies and life in the context of competing activities of friends, work, family, etc.



Nacore



Jointly organized by the Departments of Computer Science & Engineering and Computer Applications, of Amal Jyothi College of Engineering, during January 28-30, 2016. The Conference was organized

in association with ISTE Kerala and funded by KSCSTE. The main theme of NACORE '16 was Cyber Security. Workshops on "Cyber Crime and Online Safety" led by Dr. P. Vinod Bhattathiripad, Cyber Forensic Consultant, and "Cyber Security Issues and Concerns" by Mr. Arun, Cyber Consultant, were the highlights.



Social Outreach Programmes

Social Outreach programs are organized by the Department, for the students of UP and HS of various schools. It is an opportunity to our students to involve in real life requirements, both academic and non-academic, of the society they live. The program was successfully held at St. Thomas HS, Erumely and St. Mathews UP School, Elikulam etc.



Teachers' Day Celebrations

Teacher's Day marks as an occasion of gratitude and respect to the selfless efforts of teachers. Students offer gifts to their teachers on this special occasion as a token of love and gratitude. It aims to mobilize support and appreciation for teachers.



AMACE Radio

"AMACE Radio" an initiative of our Department, is a live radio station from Amal Jyothi College campus. It is a promotional platform for our students to cultivate their cultural talents by giving artistic expression on radio. It gives them an opportunity to learn and gain knowledge about advanced methods and technologies in the field.



Alvida 2015

Students of 2012-'15 were given a heart-touching farewell party by their juniors. They expressed their token of love for the seniors saying, "Being juniors we have learnt a lot from the seniors". Mr. Senchu Thomas was selected as the best student of the outgoing batch.



Alumni Meet

The Department organized its Alumni Meet on 5 December 2015. Forty alumni were present. The day was a really wonderful occasion to meet their teachers and friends.



Achievements

Paper presentations

Mr. Juby Mathew (AP), published a paper titled "Implementation of Parallel Clustering Algorithms Using Join and Fork Model", in an "International Conference on Innovations in information Embedded and Communication Systems (ICIIECS'16)" -March 17 and 18, 2016

Mr.G.S Ajith (AP), published a paper on 'Drive Alertness Monitoring using Fusion of Facial Features and Bio signals' in the organization of seventh sense Research Group on 3 November 2015.

Mrs. Lisha Varghese (AP), published a paper on "Blur Parametric Estimation on Natural Images for Linear Motion, Out-Of-Focus and Gaussian Blur for Blind Restoration in IJARCE, Vol. 4, Issue 11, November 2015.

Extracurricular / Co-curricular Achievements of Students

- Mr. Augustine George (2012-2015 batch) secured 1st prize in C S I - sponsored state level project competition Insight'15 held @ SaintGits College Pathamuttom.
- TechTop Projects
- In association with Vodafone and Dr. A.P.J Abdul Kalam Technological University (KTU), the SCMS Group of Educational Institutions organized a national contest for "Dr. Pradeep P, Thevannoor Innovation Awards" for the best new socially relevant and commercially viable innovative thought. Nine Projects from MCA were selected to the final round.
- Smart Kottayam (Student Movement for Activating Regional Transformation) was conducted on 18 August 2015. Six projects from the Department were selected.

Campus Recruitment

Campus hiring is the most effective way to hire fresh graduates. Most of our students got jobs through campus recruitment process conducted by various MNCs. We have come up with a 60% placement in 2013-2016 batch which is currently going on, we accomplished 100% placement in 2012-2015 batch.

- 60% Placement for 2013-2016 Batch (MCA Regular & LE)-Ongoing
- 100% Placement for 2012-2015 Batch (MCA Regular)



Technology Business Incubation (TBI)

Entrepreneurs are provided office space in the Incubation Centre-Startups Valley- to set up their R&D/business operations. This Center offers facilities for B.Tech/ MCA/ M.Tech final year students for project development as part of their course completion. The Centre is dedicated to provide support to new ventures in innovation, beneficial to the society.

The Centre offers the following facilities:

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



Effective Use of ICT in Education

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 workshop on "Effective Use of Information and Communication Technology (ICT) in Education and Daily Task Automation" on 21 and 22 May 2015. Sessions were handled by a group of teaching and technical experts, provides an advanced and deeper knowledge on curriculum and technical-based computer applications and discussed about different open source softwares. Teachers from several schools attended the workshop.



Infrastructure

The computing facility of the Department consists of a state-of-the-art network of computers with more than 300 nodes spread over 5 separate labs running with Linux & Windows servers. The various labs are Project Lab, Hardware Lab, Programming Lab, System Software Lab and the Incubation Lab. The Department Library aims at developing a comprehensive collection of documents useful for researchers, the faculty and the student community.



Dive into Python 3



A workshop on Python 3 was conducted by the Department of Computer Applications on 26 and 27 May 2015. It provided in-depth knowledge of how to use Python language to create effective programs. Students who attended the workshop got good many logical ideas to write efficient and portable programs.

Amace Day

Amace Day was a platform for students to explore inborn talents, to build their potential and to ensure future success. Students of all batches shared their unique talents. Everyone has a unique talent or skill in which they truly excel and the day to embraced those quirky abilities.

