



## "Skill development is core to nation's economic growth and employment generation"



As an effort towards conducting skill development programs, familiarizing engineering graduates & standard X pass students with the latest automotive technologies and imparting modern training, Amal Jyothi College of Engineering, collaborates with Volvo Eicher Commercial Vehicles Ltd (VECV) and has set up a state-of-the-art automobile lab – AMAL JYOTHI-EICHER CENTRE FOR AUTOMOBILE TECHNOLOGY.

This is the first of its kind automobile training center in Kerala run by an engineering college to bridge the skill gap in the automotive sector at the national level. Mr. Thiruvanchoor Radhakrishnan, Hon'ble Minister for Transport, Govt of Kerala, inaugurated the lab in the presence of Bishop Mar Mathew Arackal, Patron of the College, P. Kaniappan, M.D., Wabco India and Mr. Vinod Aggarwal CEO, VE Commercial Vehicles Ltd. Rev. Fr. Varghese Parinthricksal, Manager, Rev. Dr. Jose Kannampuzha, Principal and Dr. Job Kurian spoke.

## NIDY (National Institute for Development of Youth) and the Science Excursion

NIDY is a new venture to empower the youth through effective employment of information and communication technology developing in them entrepreneurial abilities and employable skills. The Institute yokes together rich academic resources and technological expertise in sharpening the analytical faculties of the young and enhancing their employability. NIDY also places emphasis on inculcating values of personal integrity and social commitment.

Science Excursion:- Another novel project launched at Amal Jyothi is Science Excursion for school students, sponsored by Kerala State Council for Science, Technology and



Environment. Its main objectives are to increase the innovativeness and creativity of students and teachers and to engender in them an

entrepreneurial bent of mind. The programme consists of technical sessions, project exhibition, demonstration of innovative projects, project development facilities and interaction with innovators.

NIDY and Science Excursion were inaugurated by Sri. U.V. Jose, District Collector, Kottayam. The meeting was presided over by Bishop Mar Mathew Arackal, Rev. Dr. Mathew Paikatt, Vicar General, Mr. George Joseph IFS(Rtd), Abraham Kurien IPS(Rtd), Fr. Varghese Parinthricksal, Fr. Dr. Jose Kannampuzha, and Dr. Job Kurian spoke on the occasion.

A great pride to Amal Jyothi that our dear Manager Rev. Fr. Varghese Parinthricksal has been awarded for Professional Educational Excellence Award. He received the award, instituted by Rastra Deepika Ltd., from Sri. Thiruvanchoor Radhakrishnan, Hon'ble Minister of Kerala for Transport and Forest, at a Public

Function at Kumarakom, Kottayam on May 3, 2015.

## Hearty Congratulations to our beloved Manager





## Yuva MasterMind- 2015

Yuva Master Mind Season-5, an all-Kerala innovative engineering project contest for students of schools and colleges, was held at JDC Islam Educational Complex, Vellimadukunnu, Kozhikkode, on 6 and 7 Feb. This mega event is organized by Malayala Manorama with IBS as key sponsor and Amal Jyothi as the technical partner.

The two-day program comprises contests in inventions and exhibitions of top 40 projects. The first three editions of MasterMind (2011,12 and 2013) were held at Amaljyothi, previous year at Ernakulam; and this year the venue was shifted to Kozhikkode.



Prof. Anil K. Gupta, Executive Vice-Chairman, National Innovation Foundation, the chief guest of Yuva MasterMind- 2015, Rev. Dr. Jose Kannampuzha Principal, Mr.G.Vijayaraghavan Member, State Planning Board and the winners.

2



## GRADUATION CEREMONY

11th Graduation ceremony inaugurated by Dr. M.S. Anand, Former Director IIT, Madras. Padmasree Sri. M. Chandradathan, Director, VSSC, Tvm presided. Prof.V.I Cherian, Dean Academic, Dr. Job Kurain, Former Dean IIT, Madras, Rev.Fr. Varghese Parinthricksal, Manager and Rev.Dr. Jose Kannampuzha, Principal, were spoke.

## ISBA Managers' Conclave at Amal Jyothi

For the first time in its history, the Indian STEP's and Business Incubators' Association (ISBA) held its annual Managers' Conclave in Kerala - at Amal Jyothi - from 26 to 28 Feb. The ISBA Managers' Conclave is a gathering of all the managers of the Science & Technology Entrepreneurs Parks and Technology Business Incubators in India, to chalk out strategies for incubation. A unique feature is its diversity, with member organisations from academic institutions/

universities of repute such as IIM-A, IIT Bombay, IIT Kanpur, University of Pune, NIT Trichy, NIT Surathkal, NID, VIT University, PSG etc., R&D organisations such as NCL, ICRISAT and NDRI. and technology parks like ICICI Knowledge Park and Technopark. Most of these incubators have been established by the Dept of Science & Technology, Govt of India. 'Sustainability of Incubators', 'Funding through Corporate CSR', and 'Rejuvenating Non-performing

Incubators' were some of the major themes of discussion. The Conclave gave an opportunity to the new incubators to learn the best practices and share experiences with the senior managers from the incubation fraternity.

It was in appreciation of the commendable performance of the IEDC of Amal Jyothi for the last five years that ISBA selected the College as the venue for its annual Conclave.





Career-seeking youth were urged to have a long-range plan and back it up with appropriate soft skills, by the speakers at the national-level Career Guidance Seminar held at AmalJyothi on 5th May.

This first-of-its kind event in Kerala was conducted by the Ministry of Youth Affairs through the Rajiv Gandhi National Institute for Youth Development (RGNIYD), and supported by the Information Communication Technology (ICT) Academy of Tamil Nadu. Over 2,000 youth from different districts of Kerala attended.

Speaking at the seminar, well-known 'Career Guru' B.S. Warriar instructed career seekers to have a long-term goal and develop soft skills. "Employers are no more looking purely at technical skills, but also at associated skills like communication", he said, adding that the quality of the institution also mattered a lot.

## National Level Career Development Programme



Abraham Kurien IPS (Rtd), former DGP of UP, said it was important to discover one's own aptitude and have an inter-disciplinary knowledge-base in order to be successful. He stressed on the area of self-discipline as a key ingredient for success.

3

## Recent Advances in Nano Science and Nano Technology



Dept. of Basic Sciences and Chemical Engineering jointly organized the Faculty Development Programme on Recent Advances in Nano Science and Nano Technology from 20 April to 1 May

## Entrepreneurship Awareness Camp (EAC)

IEDC organized a 3-day Entrepreneurship Awareness Camp for M Tech first year students from 19 to 21 May. This programme was sponsored by DST, Govt of India, through NIMAT projects. Classes were led by Shri Abraham Kurian, Fr. Dr Jose Kannampuzha, Dr Jippu Jacob, Shri Joe Scaria, Shri. G M Tharakan, Prof. Sherin Sam Jose and Shri Benson Thomas.



## National Technology Day Celebration

National Technology Day was celebrated on 19 May. This programme was supported by Kerala State Council for Science Technology and Environment (KSCSTE). Around 70 students participated. Shri Abraham Kurien, Joe Scaria and G M Tharakan led the technical sessions.





## Introduction to Chemical Engineering



A talk on 'Introduction to Chemical Engineering' by Prof. Dr. G. Madhu, Principal, CUSAT.

## 'Share a Little- Care a Little'

The NSS units, in collaboration with the Association of Mechanical Engg and RBC of the College conducted a blood donation initiative on the theme Share a Little- Care a Little. Fr.Varghese Parinthirickal, Manager, inaugurated it. Shibu Thekkemattam, Dist. Co-ordinator, Blood Donation Forum, spoke. The drive provided a mammoth collection of 204 units of blood for the Medical College,



Kottayam, and 61 units to Kottayam District Hospital, from 265 donors, including 150 odd ladies, ready to share the life giving blood to the needy.

## 'Kissan Jyothi'

## 'Propulsion Through Ages'

4



Dept of Mechanical Engg and the Institution of Engineers (India) Students' Chapter organised a Technical talk on 'Propulsion Through Ages' by Sri Jasperlal, VSSC, Trivandrum, on 28 March.

The Dept of Mechanical Engg. organized an Agricultural Project Exhibition- 'Kissan Jyothi' on 18th March, at the Open Market of Parathode Gramapanchayat. The exhibition was inaugurated by our Patron, Mar Mathew Arackal. During this various projects done at Amal Jyothi under the ME Dept were



Kissan Jyothi-I inaugurated at Parathode Grammapanchayat by Bishop Mathew Arackal.

displayed. The idea of commercialization of existing projects and lending a helping hand to the farmer community were the prime motives. The farmers and allied industrialists in the nearby areas showed keen interest, sharing their problems and providing possible modifications of the projects on display.



Kissan Jyothi at Kalaketty inaugurated by Dr. James Jacob, Director, Rubber Research Institute of India

National Games  
KERALA 2015  
31 Jan - 14 Feb

National Games  
KERALA 2015  
**RUN KERALA RUN**  
JUN 20, 2015  
GET SET PLAY  
I HOST, I SUPPORT NATIONAL GAMES.

GET  
SET  
PLAY



Run Kerala Run at Amal Jyothi Flag-off by Rev.Fr. Dominic Karikkattil.

## Faculty Development Programme



IEDC organized a state level Faculty Development Programme on Entrepreneurship from 20 to 24th April. It was sponsored by the Ministry of Youth Affairs through the Rajiv Gandhi National Institute for Youth Development (RGNIYD), and supported by the Information Communication Technology (ICT) Academy of Tamil Nadu. 21 faculty from different engineering colleges participated. They decided to train this year at least 40 students from their colleges in entrepreneurship. The sponsoring agency offered support of all participating colleges for further training.



## Science Fest 2015

The Dept. of Basic Sciences in association with ISTE AJCE Chapter organized a Science Fest from 21-28 Feb. It was inaugurated by Prof.Dr. Ho-Sung Kim, Uty. of Newcastle, Australia and supported by KSCSTE and the Department of Science and Technology.



## Inauguration of Indian Institute of Chemical Engineers Students' Chapter



The Indian Institute of Chemical Engineers students chapter was inaugurated by Mr. K.Sureshkumar, Manager, PollutionControl, FACT-Udyogmandal Division followed by a talk on Introduction to Chemical Engineering by Mr.V.Harinath, Manager, Manufacturing, BPCL, Kochi Region on 6th March. Fr.Dr.Jose Kannampuzha, Principal.Prof.P.K.Jayasree, HoD, CHE and Prof .Surya Sathyan spoke.

## Inauguration of Laboratory block for Chemical Engineering



The three-storied Laboratory Block for Chemical Engineering was blessed by HE Mar Mathew Arackal. The Laboratory was inaugurated by Ms. Catherine, a social worker from Canada and International President of SAVE-A-FAMILY Plan, on 9th March.

## Inauguration of Amaljyothi Metallurgy Students Association -AMSA

### 'FERROUS EXTRACTIVE METALLURGY-2015'

A two-day workshop on ferrous extractive metallurgy was conducted by Metallurgists' desk in association with the Department of Metallurgy, during 8-9 Jan. The main objective of this workshop was to impart the knowledge of process metallurgy to metallurgy students and to appraise about the ancient field of metallurgy existing in India. Mr. K.Ashok, CSIR-NML, Mr. R Saravanakumar, Air Bus (IIT Kanpur alumni) and Mr. S Nagaraj, JSW steel ltd. were the resource persons.

Amaljyothi Metallurgy Students Association was inaugurated by Dr. A. Sreekanth, Asst. Professor, CECASE, NIT Trichy, on March 23. Being the first in Kerala, the Association aims to conduct technical talks, symposiums, workshops etc., to update the technical knowledge without compromising other extracurricular interests of the students. The function was succeeded by a lecture on 'Introduction to Corrosion' by Dr. A. Sreekanth.



## MEGAPIXELS- BASIC DIGITAL PHOTOGRAPHY

Dept. of CSE in association Computer Society of India Cochin Chapter conducted 2 day workshop 'MEGAPIXELS- BASIC

DIGITAL PHOTOGRAPHY' headed by an avid photographer Dr. Ullas G. Kalappura on 14 and 15th March. Ms.Shany Jophin(AP, CASE) was the coordinator.





## ART OF PUBLICATION & CRAFT OF RESEARCH



The Dept of CSE in association CSI-Cochin Chapter & ISTE Kerala Section conducted a workshop on 'Art of Publication & Craft of Research', organized by Centre for Continuing Education, on 7th April.

6

## MAKE AN IMPACT WITH YOUR RESEARCH



Dept of CSE, in association with CSI-Cochin Chapter & ISTE Kerala Section, conducted a workshop on 'Make an Impact with Your Research' for research scholars and teachers on 20 Feb. Rev. Dr. Jose Kannampuzha inaugurated the workshop, Dr. Job Kurian and Dr. Jacob Philip led the sessions. Ms. Teenu Therese Paul, AP, CSE, was the coordinator.

## COMPUTER HARDWARE ASSEMBLING AND FUNDAMENTALS OF NETWORKING



Dept of CSE organized a 3-day technical and interactive session on 'COMPUTER HARDWARE ASSEMBLING AND FUNDAMENTALS OF NETWORKING' for higher secondary students from 13- 15 May. Prof. Manoj T. Joy, Ms. Sharon Sunny, Ms. Resmipriya M.G., Ms. Shany Jophin, Mr. Arun M.R., Mr. Manoj Joseph, & Mr. Binesh Babu managed different sessions

Ms. Shiney Thomas (AP, CSE) attended the 5-day coordinators' workshop on "Introduction to Algorithms" under MHRD -NMEICT through Project T10kT at IIT- Kharagpur from 16 to 20 May, 2015.

### Physical Education

Basketball, Table Tennis & Chess Teams are the winners at the Mahatma Gandhi University Intercollegiate Tournaments

BasketBall (Girls) Team winners TKM Trophy at TKM College, Kollam, RAGAM fest at NIT Calicut

VolleyBall winners: MBC Trophy, FOTIOS 2k15 fest at Caarmel Engg College, PACE 15 fest at SJCE, Pala



**Basket Ball Team**



**VolleyBall Team**



**Table Tennis Team**

### Students selected to represent M.G. University in All India Inter University Competitions



Feba Neenu



Aswin.T.T.



Rahul Binu Mathew



Ren Cherian



Richu Roy



Sarath V. Joy



Shinu Raj



Vishnu Surendran

## PAPER PRESENTATIONS/CONFERENCES/TRAINING/PROGRAMME ATTENDED

Name	Branch	Name of Paper/Course/FDP/STTP	Venue / Date
Ms. P.K. Jayasree	CH	Biosorption of cr(vi) ions from waste water.	International conference on advances in chemical engineering and technology on 16-18 Oct. at TKM
		Fdp on Recent Advances in Nanoscience and Nanotechnology	20April – 1May at AJCE
Ms. Surya Sathyan	CH	Fdp- on Chemical engineering design aspects.	17- -22- Nov. at GEC, Calicut
		Fdp on Recent Advances in Nanoscience and Nanotechnology	20April – 1May at AJCE
Mr. A.D. Ranapraphapan	CH	Fdp on Recent Advances in Nanoscience and Nanotechnology	20April – 1May at AJCE
Ms. Reethu K. Sebastian	CH	Workshop on safety requirements for engineering institutions.	21-23 Jan, CUSAT
		Fdp on Recent Advances in Nanoscience and Nanotechnology	20April – 1 May at AJCE
Mr. G.S. Santhoshkumar	CSE	TEQIP phase-II Network Simulation2	CE, Kidangoor, 26th to 27- May.
Mr. G. Krishnalal	CSE	Credit Based Scheduling Algorithm in Cloud Computing Environment	ELSEVIER Procedia Computer Science, Vol.46
Mr. Jerin Thomas	CSE	A Survey on Segmentation Techniques Used For Brain Tumor Detection	IJMT & Research, Vol-2 Issue 1: Jan.
Ms. Tintu Alphonsa Thomas	CSE	A survey on Big Data Mining Challenges	IJMT & Research. Vol.2, Issue 1- Jan.
Ms. Ashji S. Raj & Ms. Shany Jophin	CSE	ICT enabled teaching	Catholicate College, Pathanamthitta On 29.05.2015
Ms. Anishamol Abraham	CSE	A survey on communication for smart phone	IJMT & Research. Vol.2, Issue1; Jan.
Ms. Ashji S. Raj	CSE	Blending virtual labs into regular curriculum of nodal centre colleges	Amrita, spon. By MHRD, on 30th May
Ms. Rani Chacko	EEE	Art of Publication & Craft of Research	7 <sup>th</sup> April, AJCE
Mr. Sreenath B. Ms. Midhu Das B.	EEE	Power Electronics for Grid Connected Renewable Energy Systems	14 to16 May, NIT, Calicut

## Student's Achievements

Name	Event	Venue
Basil Jose, Chandu Das K., Vinil Varghese - S4 CH	Mad Chemist- First Place	Dyuthi 15, GEC Thrissur
Denish M D, Shammas Saleem, Bill C. John, Sajeed Kabeer - S4 CH	Chem e Car - First Place	Dyuthi 15, GEC Thrissur
Chandu Das -S4 CH	Aqua rocket- First Position	Nakshtra'14 ,Saint Gits
Chandu Das -S4 CH	Chemist- First Position	College of Engg, M G Univty
Dan Jose, Chandu Das Adarsh David Lal- S4 CH	Project expo - First	College of Engg, M G Univty
Sherin Mary Mathew S4 CH	Just a minute English- First	Nakshtra'14 ,Saint Gits, Ktm
P.K. Muhammed Easa Ayoob Khan, Mohamed Fawaz, Thasleem Ali, Akhil Babu- S4 CH	Chem e Car – Second	Tozero' 15, TKM, Kollam
Akshay O.V., Ajay Sunny, Allan Jose Sabu, Akhil Joseph S4-CH	Product launch - First	ADZAP TKM
Jeeson Joseph, Ajmal Basheer, Jince George, Charles Sebastian - S6 CSE	MEX-HUNT- First prize	ASTHRA -2015 SJCTET, Palai,
Francis Alexander Pattara, Joel Varghese Joy - S6 CSE	Capture the Flag- First prize	Dyuthi'15, GEC, Thrissur,
Alex P. Thomas, Francis Alexander Pattara S6 CSE	BACKTRACK- First prize	Dyuthi'15, GEC, Thrissur,
Joe N. Sabu - S6 CSE	Ultimate Geek - First prize	Dyuthi'15, GEC, Thrissur,
Amal Krishna T. - S6 CSE	Web Pully- First prize	Dyuthi'15, GEC, Thrissur,
Joseph Michael Xavier, Allen M Mathew - S6 CSE	PC Hardware Design- First prize	Nakshtra'14 ,Saint Gits
Chandu Das, Muhammed Musadiq, Adarsh David Lal - S4 CH	Aqua Rocket – Second	Tozero' 15, TKM, Kollam
Dan jose, Chandu Das - S4 CH	Best Innovation award	Srishti 2K15, Saingits College of Engineering , Ktm
Dan jose, Chandu Das - S4 CH	Best civil engineering project award	Srishti 2K15, Saingits
Rinnu Ann Raju - S4 CH	Best Artist	Nakshtra'14 ,Saint Gits
Amal Krishna T., Joe N. Sabu	Capture the Flag- Second prize	Dyuthi'15, GEC, Thrissur
Francis Alexander Pattara – S6 CSE	Ultimate Geek - Second prize	Dyuthi'15, GEC, Thrissur
Joe N Sabu – S6 CSE	Play Along - Second prize	Dyuthi'15, GEC, Thrissur,
Aparna Nelson	Best Singer- Second prize	Nakshtra'14 ,Saint Gits
Arun Shaji , Nikhil George- S4 CH	Quiz Competition- Second Place	Encuvesta- MBC
Allan Jose Sabu, Akhil Joseph- S4 CH	Product launch- Second Place	GENIIS '14 -Girideepam Institute of Advanced Learning
Cleetuskutty Koshy, Amal S Madhurayil - S4 CH	Paper Presentation	College of Engg, Punnapra
Amal S Madhurayil - S4 CH	Best Library user	Amaljothi
Akhil Joseph, Sebin Anto -S4 CH	Product Launch- Second Place	XENIOS '14 - Marian College , Kuttikkanam
Sebin Anto- S4 CH	Best Branding team	XENIOS '14 - Marian College , Kuttikkanam



# TOPPERS



Govind Reghunat  
AUE S3



Reena Elizabeth John  
CE S3



Silpa Varghese  
CSE S3



Karthika K. Namboothiri  
CH S3



Neema Zacharias  
ECE S3



Donia Grace Thomas  
EEE S3



Dheeru Thomas  
IT S3



Surej Kulangara Abraham  
CE S3



Irfan K. Moidu  
CE S3



Sebastian James  
AUE S5



Shaise K. John  
CE S5



Athira Haridas  
CSE S5



Josna Joseph  
ECE S5



Beljo Jose  
EEE S5



Smila Mathew  
IT S5



Shinu P. Jose  
ME S5

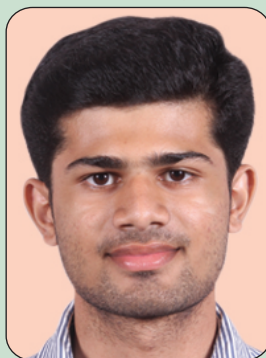


Paulson Varghese  
MT S5



Febin Rapheal  
AUE S7

## GEM OF AJCE



FEBIN RAPHEL  
AUE



Reshma Thankachan  
CE S7



Ginumol Mathew  
CSE S7



Prathibha S. Nair  
ECE S7



Sruthisree O. Menon  
EEE S7



Vidhya Ravikumar  
IT S7



Alan Victor Alfred Raju  
ME S7

## Placement Status 2014-2015

Sl.No	NAME OF ORGANISATION	NO. OF OFFERS
1	TCS	45
2	UST GLOBAL	21
3	WIPRO	16
4	SUNTEC	5
5	MPHASIS	5
6	IBS SOFTWARE SOLUTIONS	4
7	CONCIERGE	12
8	ZAFIN	3
9	HCL	2
10	HCL INFOSYSTEMS	2
11	MEDAS	2
12	ENVESTNEST	1
13	POORNAM	1
14	PROMATAS	4
15	UNISYS (Shortlisted)	Awaiting
16	ADMIN-AHEAD SERVER TECHNOLOGIES	15
17	DIGITAL CORE TECHNOLOGIES	1
18	EMPOWER LABS	3
19	SUTHERLAND	42
20	SMART TRAINING SOLUTIONS	4
21	POPULAR/KUTTUKKARAN	68
22	OMNEX	27
23	AAPT	1
24	MRF	1
25	INDIAN NAVY	Awaiting
26	UNISIS ENGINEERING	Awaiting
27	RAZOR THINK	1
28	KPMG	1
29	APP ZOC	2