



Volume 10

Bi-yearly Newsletter

December 2010

INAUGURATION OF THE KNOWLEDGE CENTRE

The unique KNOWLEDGE CENTRE of Amal Jyothi was inaugurated by Sri.Vayalar Ravi, Hon'ble Minister for Overseas Indian Affairs, Govt.of India, in the presence of Bishop Mar Mathew Arackal, Sri. Anto Antony M. P, Sri. Alphonse Kannanthanam M. L. A., Very Rev. Fr. Mathew Paikatt, Vicar General, Fr. Varghese Parinthricksal, Manager, Fr. Jose Kannampuzha, Principal, Prof.V.I.Cherian, Prof. Tomy Joseph, Dr.James Jacob, Deans and Sri. Jacob Job, President, P.T.A. on 27th Nov. This five-storeyed edifice in 60,000 sq.ft comprises the Central Library in three floors, an auditorium, Conference Halls, the Central Computing facility with 220 systems and the Language Lab with 65+2 consoles.



DECENNIAL CELEBRATIONS OF THE COLLEGE INAUGURATED



The Decennial Celebrations of Amaljyothi were inaugurated in a glittering ceremony by Sri.Vilasrao Deshmukh, Hon'ble Minister for Heavy Industries, Govt.of India, on 7 Jan '11. Bishop Mar Mathew Arackal, Founder-Patron of the College, presided. Sri. Deshmukh also declared open the Central Complex sprawling in one lakh sq.ft in six floors. The star - studded stage included Prof.P.J.Kurian M.P, Sri.Anto Antony.M.P, Sri.Alphonse Kannanthanam MLA, Very Rev.Fr.Mathew Paikatt, Fr. Varghese Parinthricksal, Fr. Jose Kannampuzha, Prof. V. I. Cherian, Prof. Tomy Joseph, Dr.James Jacob and Sri. Jacob Job, President, P.T.A. The Central Complex houses the depts of CE, ME and AUE, Placement Centre, conference halls, classrooms, workshops and labs.

P. T. A. EXECUTIVE COMMITTEE: 2010-11



Dr. Sebastian Narively, HOD, Humanities, authored a scholarly article 'POLITE MEANINGFUL WORDS' in Manorama Year Book- 2011. He has been a regular contributor to this prestigious publication since 2006.

BEST FACULTY AWARDS: 2010 - 11



K. G. SATHEESHKUMAR
Professor



THOMAS VARGHESE
Asst. Professor



R. SREERAJ
Sr. Lecturer



JISS ABRAHAM
Sr. Lecturer



R. MIDHUNA JYOTHI
Lecturer



K.R. ARJUN
Lecturer

TOPPERS



SURYA MERRY SCARIA
ECE - S8



ANNU SEBASTIAN
CE - S8



ANN MARIA MATHEW
IT - S8



TEENA ELIZABETH
SEBASTIAN
CSE - S8



ANU VARGHESE
EEE - S8



NAVEEN GEORGE
MATHEW
ME - S8



JILT SEBASTIAN
ECE - S6



BIJO MD
CE - S6



AJU P SEBASTIAN
IT - S6



JISMON JOSEPH
CSE - S6



ANET JOSE
EEE - S6



AFSALA.KAREEM
ME - S6



ANJU SUSAN BIJU
ECE - S4



TINA MARIA
CE - S4



STEFFI ELIZABETH
IT - S4



TINA MARIA THOMAS
CSE - S4



DIVYA MARIA JOY
EEE - S4



RICHU GEEVARGHESE
SAMUEL
ME - S4



JEFFY TRESSA
JOSEPH
ECE - S1 S2



CHRISTIN JOSE
CE - S1 S2



JESNA JAMES
IT - S1 S2



SANDRA ELIZABETH
SALIM
CSE - S1 S2



DHANYA EAPEN
EEE S1 S2



PRINCE VINCENT
ME S1 S2

DEPT. OF CIVIL ENGINEERING

A seminar on Application of Geo-Informatics in Civil Engineering was led by Mr. BK Jayaprasad, Scientist, Centre For

Earth Science Studies. The topics included GIS, Remote Sensing Surveying etc. Field exposure in GPS also was given to the students



Prof. T. K. Georgekutty, Dept. of CE, has been nominated by the Govt. of Kerala, as a member of the state level expert committee to revise the Kerala P.W.D Data Book for Works. A member of the Executive Council of the Indian Roads Congress, Prof. Georgekutty represented the state in the 71st Annual Conference of IRC held at Nagpur from 11 to 14 November.

AMAL JYOTHI EDUCATIONAL AND CHARITABLE SOCIETY (AJECS)

- AJECS, initiated by the Dept of Civil Engg. has been registered as K.279/10.
- A Health Awareness camp led by Dr. Joseph, Director, Radiation Safety, Govt. of Kerala, under the banner of Chavara Cancer Institute, Tvm, was organized on 29th Oct. The topics were 'Importance of Hygiene in Daily life', 'Effects of Fast Food & Drugs in Human Health' etc.
- Support given to 15 needy students of AJCE towards exam fee
- Tuition fee of Rs. 1,00,000/- to two first-year students
- Rs. 15,000/- for medical treatment of financially backward people
- Rs. 3,000/- towards assistance for the wedding of a bpl girl.

Well-wishers are requested to financially support our projects of helping the poor and the needy.

Account number 10310100183012, Federal Bank, Kanjirappally.

DEPT. OF COMPUTER SCIENCE & ENGINEERING.

Dept. of CSE organized a faculty training program on 'General Informatics' sponsored by State Higher Education Council, for the faculty of St. Dominic's College, Kanjirappally, from 23 to 25 Nov. Mr. Jacob Job (Superintendent of Police, Telecommunications), led a talk on Cyber Laws and Security, Prof. Manoj T Joy, Mr. G.S Santhoshkumar, Mr. Shaan Geo, Ms. Lisha Varghese, Mr. G.S. Ajith, Mr. Jinson Devis, Mr. M.R. Arun were the other resource persons.



"Amaljiyothi Beats" is a new venture initiated by CSE students in search of enthralling campus beats. It offers opportunities to nourish skills along with academics. M. Karthik (Administrator), Saran S Nair (Chief Editor), Josekutty Abraham (Web Designer), Tina Maria Thomas and Sebin Jose S5 are the main craftsmen.

Site address: www.amaljiyothi Beats.com

Contact in: +91 8129366082 or admin@amaljiyothi Beats.com

Depts of CS and ME jointly conducted a workshop on 'Opportunities in Sponsored Research for Academic Institutes' on 26, 27 Nov, inaugurated by Padmashri Prof. R. M. Vasagam, Former Vice Chancellor, Anna University. Prof. Manoj T Joy, HoD, CSE & MCA, was the Convener.



Depts CSE & MCA, along with Deepika Children's League and Zen Technologies, Kanjirappally, conducted a Digital Painting Competition 'Guernica' for High School and Higher Secondary students on 20 Nov.

A training program on General Informatics was organised at Bishop Moore College, Mavelikkara, on 21 Dec. Prof. Manoj T Joy, Ms. Lisha Varghese, Mr. K .S. Arun led classes on 'Catalysts for Better Computing', 'Computer Network and Internet' and 'INFLIBNET'.

Achievements of Students

Josekutty Abraham (S5) was selected as "Star of Interface" at Interface 2010 - School of Computer Sciences, M. G. University Campus, 17-19 Dec
 Karthik M (S5) - first prize in Technical Quiz – Interface 2010
 Saran S Nair (S5) was selected "Star of Ignite" – Ignite 2010 - Marian College -6,7,8 Oct
 Sebin Jose(S5) - first place in IT Quiz, Princy Mariam Daniel, Josme John and Anju Devasia (S5)- first prize in Theme Show - Navigator '10,
 Paul Emil Johnson(S7) - first prize in Best Manager – ASCEND '10 , St.Gits College of Engg.-30 Jul.
 Kadambari Menon(S7) – 1st prize in Paper Presentation and Josekutty Abraham(S5) - first prize in Web Design – in Abhiyanthraki at Rajagiri School of Engg.-18 Sep.



DEPT. OF ELECTRONICS & COMMUNICATION ENGINEERING.

Staff development programmes attended

- Prof. K.G. Satheeshkumar attended a five-day Faculty Empowerment program – Wipro Mission 10 X - organized by Wipro and hosted by Viswajyothi Engg. College, Vazhakulam 9-13 Nov.
- Profs KG Satheeshkumar, Paul Thomas, Geevarghese Titus, Liju V Oommen, and Mohammed Nadeer, attended a workshop on 'Opportunities in Sponsored Research for Academic Institutions' held at AJCE - 26 & 27 Nov.

Students' Training beyond curriculum

A seminar on 'Communication Engineering' and 'How to Handle the Final Year Project' led by Dr. V.M. Pandharipande, Director, Centre for Excellence in Microwave Engg, Osmania University, - 30.Aug.

Publications:

Mr. K S Arun presented (1) "An Automatic Feature based Registration Technique for Medical Images" in the International Conference on Recent Technologies in Communication and Computing (ARTCom 2011) and (2) "Evaluation of the Role of Low Level and High Level Features in Content- based Medical Image Retrieval" in the International Conference on Advances in Information and Communication Technologies (ICT 2011)

Chithra S.S, Aiswarya Mathew, Annu Sebastian of S1 MCA presented "Global Mobility System" in the UGC Sponsored National Conference on 'Green Computing' at Marian College Kuttikanam on 20 Jan.

K.Arun Shankar, M Sreejith, Nikhil Zacharia of S1 MCA presented 'Inflight Internet' in the same conference.

Ms. Bindu S Mony- presented "Runlength Counting for Handwritten Malayalam Character Recognition" in the national conference (ICMCM 2010) and "Modified Quadratic Classifier and Normalized Vector Distance for Handwritten Malayalam Character Recognition" in the National Conference on Emerging Trends in Mathematics and Computer Applications (ICETMCA' 10).

Prof .Manoj T Joy attended the international conference on "Effective E-Teaching and Learning"- Indian Institute of Information Technology (IIIT), Bangalore -- 5-9 Nov.

Seminar on Robotics by Espillon Solutions, Ernakulam, for final year students.

3-day training for M.Tech students on Microwave and RF Engg, led by Dr. V.M. Pandharipande commencing on 31 . Aug.



Papers published in National/ International Journals

1. The paper titled 'Investigation of Channel Capacity of Railway Power Lines for Track and Level Cross Monitoring Application' by Profs Anish Francis and Geevarghese Titus has been accepted in IEEE Xplore Digital Library, and Springer LNCS-CCIS, available in the Springer Digital Library
2. Mr. O. S. Sunishkumar authored 'Factors Affecting Students' Performance in Higher Technical Education' in the Journal for Engineers and Management, pub. by ISTE & SJCTET, Palai



National/International Conferences

1. The paper 'Investigation of Channel Capacity of Railway Power Lines' is accepted for International Conferences
(1). Recent Trends in Information, Telecommunication and Computing – ITC 2011, to be held in Bangalore on 10, 11 March and (2). Emerging Trends in Electrical and Computer Technology- ICETECT -2011 to be held in Nagercoil on 22, 23 March.
2. Mr. O. S. Sunishkumar Presented 'Fuzzy Based Adaptive PID Control System for Improving Teachers' Performance in Higher Technical Education in the International Conference on Intelligent System, and Renewable Energy and Nano Technology, (IISN-2011) org by the Inst. of Science and Technology, Klawad, Haryana - 18 - 20 Nov.

Programmes Organized

A seminar on 'Intellectual Property Rights' was organized for PG students on 19 Nov. Mr. K. M. Viswanathan (Deputy Controller of Patents-Rtd.), Mr. R. Devan (Asst. Controller of Patents) and Mr. Shafikh S (Project Scientist, PIC-Kerala) led talks on 'An Overview of Intellectual Property Rights', 'Indian Patent System and Patent drafting', 'Activities of KSCSTE & PIC-Kerala' respectively.

DEPT OF ELECTRICAL & ELECTRONICS ENGINEERING.

Heartly welcome to Prof.K.J.Thomas!!

Sri.K.J.Thomas has joined the Dept. as Professor, after a luminous three decade tenure in the KSEB. He took BSc Engg and MSc Engg from NIT Calicut



before joining the KSEB in 1980. He served as Asst. Executive Engineer at Lower Periyar Power House, as Executive Engineer at Sengulam Power House, Vellathooval, and as Dy. Chief Engineer at Moozhiyar, Kallada, Peppara and Meenmatty. In 2008 he was elevated as Director, Power Engineers Training & Reserch Centre, Moolamattam. A top brass in the Board, Prof. Thomas retired as Chief Engineer (Generation) in October 2010.

Mr. Robins Anto has rejoined after his M.Tech in Energy Systems from IIT, Bombay



Short-term training programme

- Mr. Robins Anto and Mr. Shinosh Mathew attended a workshop on 'Recent Trends in Design and Conduct of Experiments in State-of-the-Art Electric' at Rajagiri College of Engg.
- Ms. Elizabeth Jose, Ms. Sarin Baby participated in STTP 'Modern Trends in Power Systems' at Saint Gits 28-30 Oct.
- Mr. S. Arun and Ms. V. Reshmi attended STTP on "Electrical System Design" at Mar Baselios Engg. College Tvm.

Autocad training:- An AutoCAD training programme was conducted on 6 Jan 2011.

Electrifying Achievements

Justin Mathew Thomas, Eldhose John, Toney Rajan Philip, Jijo Paul and George Emmanuel(S6) secured 1st and 2nd prizes in various tech fests conducted by engineering colleges.

Gyan Darshan Club

Started the 'Gyan Darshan Club' to give an insight into the new techniques/technologies used in engineering.

OBITUARY

SUJITH JOSEPH S₅ EEE
passed away on 19 Oct 2010

May his soul rest in peace



DEPT OF INFORMATION TECHNOLOGY

Center for Machine Learning



The Dept. has launched a Centre for Research in Machine Learning, inaugurated by Dr Paulose Jacob, Director, School of Computer Science, CUSAT. Fr. Jose Kannampuzha, Principal, switched-on the website.

International Conference on Semantic E-business and Enterprise Computing - 2010

Profs Sandhya Ramakrishnan and Ranjit Abraham were selected as Organizing Chairs at International Conference on Semantic E-business and Enterprise Computing - 2010 organized at Cochin by Kingston University, London, Vimalalayam College, Ekml, and Amal Jyothi- 15-17 Sept.

Students' Achievements

Ruben Rajan (S7) and Jofis John (S7) bagged IInd Prize in Quiz in SAMASYA'10 at MBC, Peermade.

Lalet Scaria(S5) got Second place for Technical Quiz in EQUINO X -10 held at SJCET Pala

B.Anoop (S5), stood First in SMS Quiz in ABHIYANTHRIKI' 10 at Rajagiri Engg. College.

Nobel Sebastian (S5) got 1st Prize in MGUTy SOUTH ZONE BADMINTON CHAMPIONSHIP at NSS College , Chry.

DEPT.OF MECHANICAL ENGINEERING

Association of Mechanical Engg.(AME) was inaugurated by Dr.Jacob Philip, Director, Sophisticated Test and Instrumentation Centre, Cochin on 28th Sep.

Office bearers - President: Vishnu Surendran(S8) Secretary: Afsal A Kareem(S8) Vice president: Jubin A Mathew (S6) and Treasurer: Chinju Kurian John(S6). Prof.Roshan Kuruvilla is the faculty –in-charge.

Workshops/ STTPs attended

Mr.Toms Philip attended seminar 'Recent Trends in Mechanical Engg Design' at SaintGits – 14-17 Sept.

Mr. Arackal Jose Mathew - seminar 'New Paradigm in Mechanical Engg'at SCMS . - 18 Sept.

Mr.Thomas Abraham - workshop on "CNC Technologies" at SJCET, Palai 1- 4 Nov.

Achievements of students

1. Abin Jacob, Meby Mathew, Nirmal Tom Babu and Sanal Abraham(S8) won first place in Glider Design at 'Mechaura, 2011" at SJCET, Palai.

2. Louis Issac and Nithin Jacob (S4) presented a paper in 'Mechaura, 2011'

DEPT OF AUTOMOBILE ENGINEERING

Amal Jyothi is one among a limited number of colleges in Kerala offering BTech.in Automomobile Engineering. It was with the launch of the ambitious project of a driving school that the nascent automobile engineering dept made its debut. Inaugurated by Sri.Anto Antony M. P giving a symbolic key to Prof. Tomy Joseph, Dean, Admin & HOD, AUE in the presence of Sri. Vilasrao Deshmukh Union Minister for Heavy Industries, and Bishop Mar Mathew Arackal, the Amal Jyothi Driving Academy offers classes both theory and practical in driving and maintenance of automobiles. Its services are limited for Amalites initially, but will be extended to the public subsequently.



Orientation Programme:

An orientation program was conducted for freshers from 19 to 22 July. The language classes were led by Dr. P.J. George, St. Dominic's College, Kanjirappally, Prof. George Cherian, Prof. T.T. Joseph, S.H. College, Thevara, Fr. Simon Pazhempallil CMI and the Personality Development section, by a professional team.

Induction Programme

An induction programme for S1S2 was led by Mr. Georgekutty Augusty, Prof. Mathew Kurian and Prof. Shyla Mathew, Marian College - 11 Aug.

Seminars

A talk on 'Awareness on Road Safety' by Mr. Sajjan Joseph, Jt. R.T.O, Ponkunnam - 4th Aug. An 'Aids Awareness' seminar org by DBS and Jesus Youth on World AIDS Day i.e. 2nd Dec

Award of Ph.D

Prof. Sreejith. K. Pisharady, was awarded Ph. D. in Physics by M.G. University on 26 July.

Review of Projects of MasterMind

Dr. Soney C. George and Mr. Bobby P Mathew reviewed Master Mind projects in various colleges and schools

Reviewing of Journal article

Dr. Soney C George reviewed a research article "Membrane Color and Gas Permeability of Polyimide Membranes" in the international journal, Polymer Engineering & Science.

Annual Retreat

Annual retreat and formation classes for the entire students were organized by Sr. Ann Mathew, the College Counsellor, and team of DH - July-Aug.

General clubs

DBS is guiding 10 general clubs - Dance, Health & Yoga, Histrionics, Literary, Maths, Music, Oratory, Painting, Quiz and Photography.



Sir Isaac Newton Lecture Series

Sir Isaac Newton Lecture on Green Chemistry was delivered by Dr. Siby Joseph, HOD of Chemistry, St. Joseph's College, Moolamattom - 07 Dec.

DEPT. OF PHYSICAL EDUCATION



GEORGE EMMANUEL
(EEE-S6)
Individual Champion



AISWARYA MATHEW
(MCA-S1)
Individual Champion - women



M. G. University
Shuttle Badminton Championship-IIInd Prize



M. G. University
Chess Championship-IIIrd Place



Dr. Ruble Raj, Principal, Marian College, Kuttikkanam, motivating the parents

Bishop Mar Mathew Arackal, Founder-Patron of the College,
blessing the sophisticated hostel bakery, the last word in taste and flavour



STUDENTS COUNCIL - 2010 - 11



State-of-the-art centralised kitchen for hostels with a
capacity to feed 3,000 mouths at a stretch



Christmas Celebrations

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