

## ALUMNI MEET 2013



Alumni Meet 2013 was conducted on 21st December. The programme included – honouring the decadian staff members and distinguished alumni, distribution of Balu S Pillai memorial scholarship and awards to toppers of 2009-13 batch.

Principal Rev. Dr. Jose Kannampuzha, President Mr. Derrick Sebastian and Secretary Mr. Nitin Prabhakar spoke on the occasion.

Ms. Ann Theja Alex (2006 CSE) and Mr. Libin Varghese (2011 EEE) were awarded the Distinguished Alumnus and Distinguished Young Alumnus awards respectively.

### GEM of AJCE



Elvi Maria Emmanuel  
CE

### CROWN of AJCE



Maria Theres Gracian  
ECE



JUSTUS DANIEL  
AUE S6



FEBIN RAPHEAL  
AUE S4



SEBASTIAN JAMES  
AUE S1 S2



SHERRY ROSE JOSE  
CE S6



RESHMA THANKACHAN  
CE S4



SHAISH K JOHN  
CE S1 S2



ANN MARIA THOMAS  
CSE S6



SNEHA ROSE KURIAN  
CSE S4



TAINU RAJU  
CSE S1 S2



CHIKKU MAREETA JOHN  
ECE S6



PRATHIBA S NAIR  
ECE S4



AMALU ANNA JOSHY  
ECE S1 S2



ANJU GEORGE  
EEE S6



LINDA WILFRED  
EEE S4



JYOTHIS NAIR  
EEE S1 S2



JOSVIN THOMAS  
IT S6



VIDHYA RAVIKUMAR  
IT S4



CHRISTY SHABU  
IT S1 S2



ROY RAPPAI  
ME S6



ALAN VICTOR ALFRED RAJU  
ME S4



SREEJITH M  
ME S1 S2



PAULSON VARGHESE  
MT S1 S2

### Teachers' Day



### Christmas Celebration



### Onam Celebration



amalites  
*Digest*

BI-YEARLY NEWSLETTER

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Amal Jyothi College of Engineering

KANJIRAPALLY, KERALA

## International Conferences: SEEC & CLUSE 2013

The Dept. of Information Technology, in collaboration with Kingston University, London, UK, GCNTech Canada, Follow Me Inc Canada, MHG Kerala, (who designed the first tablet of Kerala with Canadian certification), organized the International Conference on Semantic E- Business and Enterprise Computing (SEEC- 2013) and International Conference on Cloud Computing and Services Engineering (CLUSE -2013) on 18 and 19 Dec. SEEC-2013 is the 6th conference and CLUSE -2013 is the 2nd international conference among ISEEC conference series. The conference was inaugurated by Smt. K.C. Rosakutty, Women's Commission Chairperson Govt. of Kerala and Former MLA, and presided over by Rev. Dr. Jose Kannampuzha, Principal. Prof. Gordon Hunder, Kingston University, Dr. Biju John, Professor and Director of Follow Me Television, Canada Inc and MHG Director and Mr. Pethuru Raj



Chelliah, Infrastructure Architect, IBM Global Cloud Center of Excellence were the keynote speakers. Researchers from India and abroad presented papers on various topics related to the benefits of society like Technological Solution for Security Issues of Women, Computer Simulation to help Detect Irregularities in Cricket Matches etc.

## NATIONAL SEMINAR- APPLICATIONS OF GRAPH THEORY



The Department of Basic Sciences, in association with St. Dominic's College, Kanjirappally organised a UGC-sponsored national seminar on "APPLICATIONS OF GRAPH THEORY" on 21st and 22nd of Nov. The seminar was inaugurated by Dr A.M. Mathai, Director, Centre for Mathematical Sciences (DST), Trichur. The inaugural function was presided over by Fr. Dr. Jose Kannampuzha, Principal, and the keynote address was delivered by Dr. K. Alexander,

Principal St. Dominic's College. The resource persons were Dr A.M. Mathai, Dr K. Reji Kumar of NSS College Nilamel, Prof. V. Swaminathan, Ramanujan Research Centre, Chennai, Dr. I Shahul Hamid, from Madura College, Madurai, Sr. Dr. K. A. Germina, Central University of Kerala, Kasaragod and Dr Sunil Kumar, NIT Calicut. There were more than a hundred participants. The certificates were distributed by Rev Fr. Varghese Parintherickal, Manager of Amal Jyothi.

Congratulations....



Amal Jyothi bags  
Second Prize at TechTop 2013

We are proud to announce that the project 'Advanced Low Cost Cardamom Drier' by ME-S8 students Tom Jose, Rinson Paul, Lloyd John and Prince Vincent with Mr. Toms Philip as faculty mentor, bagged the SECOND PRIZE with a cash award of Rs. Fifty thousand at the prestigious Tech Top-2013 project competition held at Technopark, Thiruvananthapuram from 1 to 3 August. The projects that made it to the TechTop final are listed below. Hearty congratulations to the prize winning team as well as all the teams that reached the finals.



Sl.No.	Project Name	Team Members	Sem/Dept	Mentors
1	GREEN AIR SYSTEM	Nivea Thomas, Divya S. Shaji	S5 CIVIL	Prof. TOMY JOSEPH/ AUE
2	GREEN HEARTH	Dennis John, Geet Rose Jose, Ajith Mathew Thoomkuzhy, Abhilash Anandan	S5 ECE	Prof. H.SREE RAM /AUE
3	ADVANCED LOW COST CARDAMOM DRIER	Tom Jose, Rinson Paul, Lloyd John, Prince Vincent	S8 ME	Prof. TOMS PHILIP/ ME
4	E-DIAGNOSER: AN ADVANCED LOW COST PATIENT MONITORING WATCH	Shibin Joseph, Sareesh S. Pillai, Libin Varghese	S8 EEE	Prof. V.RESHMI / EEE

'E-Diagnoser' @ Global Humanitarian  
Engineering Award – Silicon Valley, California, USA Global Humanitarian Engineering Project of the Year

The E-Diagnoser is a portable and wearable wristwatch-like instrument that is programmed to measure various parameters like temperature, blood pressure, respiration rate, and whether a patient has fallen down. Once a parameter exceeds a predetermined limit, the E-Diagnoser can call or message a doctor or close relative. E-Diagnoser has been developed by a team from the Amal Jyothi College of Engineering,

Kerala, India. The project 'E-diagnoser' is one among the three projects that made it to the final round of "Global Humanitarian Engineering Award" to be presented during the IEEE Global Humanitarian Technology Conference to be held during 20-23rd October at Silicon Valley, California, USA.

AMAL JYOTHI INCUBATION CENTRE AND FINISHING SCHOOL

Objectives of the Incubation Centre

- Creation of Technology-based incubates on continuous basis.
- Help to create value- added jobs and services.
- Foster entrepreneurial spirit.
- Create awareness about Technology Incubation and Commercialization of R & D products and processes.
- Develop tools for Technology Transfer.
- Promote small & medium industries.
- Assistance to existing incubates by way of specialized services e.g patenting, 'Copyright' arrangement of Venture Capital, helping awareness towards marketing of products & processes.



CREATION OF  
TECHNOLOGY

DEVELOP TOOLS FOR  
TECHNOLOGY TRANSFER

PROMOTE SMALL & MEDIUM  
INDUSTRIES

ASSISTANCE TO EXISTING  
INCUBATES BY WAY OF SPECIALIZED  
SERVICES E.G PATENTING

Objectives of the Finishing School

Our Finishing School is to fulfill the national mandate of generating high-quality skilled and directly employable manpower in various niche areas of technology e.g. Software and Application Development, Systems & Database Administration, Information Security, GIS etc. Curriculum of the courses is designed in consultation with Industry experts and leading Academicians.



Amal Jyothi Incubation  
Centre and Finishing School  
were blessed by Fr. Varghese Parinthirickal,  
Manager, on 02 Aug. in the presence of  
Prof. Manoj T Joy, HoD, CSE, and  
Fr. Ruben Thottupuram, Director (AES).

Name	Dept	Name of Paper/Course/FDP/STTP	Venue/Date
Mr. Arun S, Athira Raju (PG Scholar)	EEE	Three Phase Boost Front-End Hybrid Multilevel Inverter For Photo-Voltaic System, Novel Hybrid Multilevel Inverter for Standalone System, Dual Stage Boost Front-End Hybrid Inverter for Photo-Voltaic System	RIPOC'13, Mohandas College, Tvm, (ICEE-2013), International Conference Electrical Engg Hyderabad, IAIRS
Ms. Rani Chacko Deepa James (PG Scholar)	EEE	Analysis of the Impact of Electric Vehicle in Grid Connected Wind Farm, Mitigation of Power System Oscillations in Grid Connected Wind Farm by Smart Park Shock Absorber.	International Conference on Electrical Engineering (ICEE-2013) Hyderabad, National Conference on Recent Innovations in Power System Operation and Control, Mohandas College, Tvm.
Mr. Arun S, Ms.Sreeja C Gayathri Devi K S (PG Scholar)	EEE	Triple Conversion On-line UPS National Conference on Recent Innovations in Power System Operation and Control Hybrid Multilevel Inverter Based on Switched Capacitor and Diode Clamped Units	Mohandas College, Trivandrum International Conference on Electrical Engineering (ICEE-2013), Hyderabad
Mr. Victor Jose and Greety Jose (PG Scholar)	EEE	Induction Motor Fault Diagnosis Methods:A Comparative Study	International Conference Electrical Engineering (ICEE-2013) July 6,7
Mr. Bobin K Mathew	EEE	High Impedance Arcing Fault Detection in MV Networks Using Wavelet Transform	(ICEECS)Bangalore(NBHM), DST and KSCSTE, at MBC, Tvm.
Ms. Tissa Mathew	CE	Earth Quake Resistant Design and Structural Rehabilitation	RIT Kottayam
Ms.Grace Mary Abraham	CE	Quake Resistant Design and Structural Rehabilitation	RIT Kottayam
Ms.Annie Maria Issac, Mr.Naveen Joseph	CE	Modeling Techniques in Environ -mental & Hydrological System	NIT Calicut
Mr. Naveen Joseph	CE		International Conference, HYDROS-13, IIT Madras
Mr. B. Vishnu	CE	Workshop on Discrete Choice Modeling Travel demand modeling	Agra, spon. by Transportation Research Group of India
Ms. R. Midhuna Jyothi	IT	Digital trends and its applicability to industries	TCS at InfoPark, Kakkanaad on 09- October 2013
		workshop on CASE Lab	RSET, Kakkanaad on 6- July

AZURE 13



Mr. Joby Mathew, Gold medalist in World Dwarf Games, Michigan 2013 Inaugurate the Azure 2013.



Mr. Ajmal Ameer, Cine Artist inaugurate Blood donation day organized by Royal Blood Cell (A venture of Association of Mech. Engineers) in Association with NSS.



IRUN- Kanjirappally Marathone-an awareness programme on eye donation- inaugurated by Dr.N.Jairaj MLA. organized by Mechanical Engineers Association and Lions Club Kanjirappally.

Physical Education

M.G University Tournaments

Teams	Position
Table Tennis	Winners
Chess	Runners Up
Basketball	South Zone Third

► Sarath V Joy (S5 ME), Aswin Tom (S3 CSE) and Rahul Binu Mathew (S1 S2 ME) represented MG University in the south Zone inter University Table Tennis Championship ► Vishnu Surendran (S1S2 ME), represented MG University in the south Zone inter University Chess Championship held at SRM University Chennai



Table Tennis Team



Name	Dept	Name of Paper/Course/FDP/STTP	Venue/Date
<b>Mr.Jayakrishna Shafeena Basheer</b> (PG Scholar)	CSE	Advanced Hybrid Color Space Normalization for Human Face Extraction and Detection	International Journal for Scientific Research and Development.
<b>Ms.Tintu Alphonsa Thomas S Anju</b> (PG Scholar)	CSE	Secure-BIGWHEEL: A Secure Multi-party Communication Protocol for DDoS Defence Framework in NS2	IJAR in Computer Science and Software Engineering. Volume 3, Issue 10, Oct.2013
<b>Ms.R.Neenu Ms.Neethu C Sekhar</b>	CSE	Secure and Efficient Mechanism for quick transmission of Safety Critical Information in VANET	International Journal of Engg., Research and Technology (IJERT), 1. Nov- 2013 , Vol. 2 , Issue 11
		Event-driven Data Dissemination in VANET using ADEM algorithm	International Journal of Mobile and adhoc networks(IJMAN)vol3,Issue 4.
<b>Mr. S Arun, Ms. C Sreeja, K.S Gayathri Devi</b>	EEE	A Novel Method for Capacitor Voltage Balance in Five level Diode Clamped inverter	Advanced Information Science and Technology. IJAISTvol.14.
<b>Mr. Joms Antony</b>	IT	Ubiquitous Patient Monitoring and Smart Alert Generation in an Intensive Care Unit Supported by Low Cost Tablet PC based Automation System Powered through Open Source Software and Hardware Platforms	The Global Humanitarian Technology Conference (GHTC-SAS), South Asia Satellite-2013
<b>Ms. Ashji S Raj and Mr. G.S Santhoshkumar</b>	CSE		Image Computing & Applications NIT Calicut
<b>Ms. Sharon Sunny, Ms. S.Sruthi, Anjana V Ms. Tintu Alphonsa Thomas</b>	CSE	CASE Tools	Rajagiri School of Engineering and Technology, Kochi. 19 <sup>th</sup> and 20 <sup>th</sup> Nov.
<b>Ms.V.Anjana, Ms.Minu George, Ms. Sharon Sunny, Ms. S.Sruthi</b>	CSE	Introduction to latest technologies in IT	SMV Higher Secondary School Poonjar 24 Aug.
<b>Mr. Aby Jacob</b>	CSE	Adhoc Networks: Research Aspects and NS2	SJCET, Palai, 16th Aug.
<b>Ms.Sumy Joseph Ms.Minu George</b>	CSE	Data Mining	TEQIP II, and organized by the dept. of Computer Science and Engineering at, RIT, Kottayam,
<b>Mr.Ajith G.S</b>	CSE	Information and Communication System security	TEQIP II-sponsored FDP, College of Engineering, Adoor.
<b>Mr.Anish Benny Jibin George</b>	EEE	Real Time Harmonic Minimization of Multilevel Inverters Used in Photovoltaic Systems.	4 <sup>th</sup> IEEE International Conference on Computing, Communication and Networking Technologies (ICCCNT 2013), Vivekanandha College of Engg. for Women, Tiruchengode July 4-6.
<b>Mr.Anish Benny Vandhana</b>	EEE	Fuzzy Logic Controller Based Maximum Power Point Tracking of Photovoltaic System Using Boost Converter ,	
<b>Mr.Anish Benny and Shilpa Sreekumar J</b> (PG Scholar)	EEE	A Novel Neural Network Based Current Injection Technique for Torque Ripple Reduction in BLDCM	1 <sup>st</sup> IEEE International Conference on Current Trends in Engineering and Technology (ICCTET 2013), Akshaya College of Engg.and Technology, Coimbatore.3 July
<b>Mr.Anish Benny Jibin George</b>	EEE	Reduction of Real-Time Harmonics in Multilevel Inverters Used in Photovoltaic Systems	
<b>Mr.Anish Benny Shilpa Sreekumar</b>	EEE	Maximum Power Point Tracking of Photovoltaic System Using Fuzzy Logic Controller Based Boost Converter,	
<b>Mr.Anish Benny Mr.Sreekumar T Vandhana J</b> (PG Scholar)	EEE	ANN Based Current Injection Technique for Torque Ripple Minimization in BLDCM	International conference on information technology, electronics and communication, Hyderabad.
<b>Mr.Robins Anto, Rangy Sunny</b> (PG Scholar)	EEE	THD reduction in a single phase PV systems,Harmonics control and performance analysis of grid connected PV systems	
<b>Ms.Sarin Baby, Anju G Pillai Thomas P C, Sreerenjini K Tibin Joseph, Sasidharan Sreedharan</b>	EEE	Transient Stability Analysis of Wind Integrated Power Systems with Storage Using Central Area Controller	International Conference on Microelectronics Communication &Renewable Energy AICERA 2013.
<b>Ms.Neenu Rose Antony, Ms.Sarin Baby</b>	EEE	Optimal Placement of Fuel Cell DG Considering Voltage Stability Enhancement, Optimal DG Placement Considering Voltage Stability Enhancement and Reduction of Real Power Losses	National Conference, RIPOC '13 (Mohandas College of Engineering and Technology), International Conference on Electrical Engg. (ICEE), Hyderabad, International Academic and Industrial Research Solutions (IAIRS)June 28,29.
<b>Ms.Sreekala P, Ms.Reshmi V, Alan.C.Varghese,and Johnson Abraham</b> (PG Scholar)	EEE	Grid Power Quality Improvement and Battery Energy Storage in Wind Energy Systems	Annual IEEE International Conference in Microelectronics, Communication and Renewable energy AICERA 2013.
<b>Ms.Sreekala P, Mr.Dinto Mathew Alan C Varghese</b> (PG Scholar)	EEE	Novel DSTATCOM topology for size reduction and load compensation in distribution system, PSeries Compensator DSTATCOM topology for size reduction and load compensation	International Conference Electrical Engineering (ICEE-2013), Hyderabad National Conference, RIPOC'13, July 6,7
<b>Ms.Vidya M Nair Ananthu Vijayakumar</b> (PG Scholar)	EEE	Modelling of Fuel Cell for Distribution Generation System National Conference, Fuel Cell Modeling for Distribution Generation System International Conference Electrical Engg.(ICEE-2013) Hyderabad.	RIPOC'13 Mohandas College, Trivandrum, June 28,29
<b>Mr.Dinto Mathew, Ashna Mohan</b> (PG Scholar)	EEE	Comparative Performance Analysis of Control Algorithms for Three Phase Shunt Active Power Filter, Stand-alone Inverter Using Adaptive Total Sliding Mode Control For Photovoltaic Generation System, Design of Stand-alone Inverter using Adaptive Total Sliding Mode Control	National Conference, RIPOC'13Mohandas College, Trivandrum Conference Electrical Engineering (ICEE-2013),Hyderabad, IAIRS, National Conference (NCSEE2013) on Systems, Energy and Environment, GEC, Kannur

## e-AWEC



e-Awareness Wing of Electronics and Communication(e-AWEC),aims at promoting awareness on the various aspects and challenges concerning the electronic world Fr. Davis Chiramel, Founder of ACTS and Kidney Federation of India, inaugurated the club on 5 Oct. and delivered a talk on the 'The Importance of Organ Donation'. Principal Rev. Dr.Jose Kannampuzha presided over the function Dr.K.Karunakaran Nair,P.G.Coordinator led a session on the manufacture of LED lamps and importance of sustainable energy management.

## 'Creative Teaching'- ISTE e- workshop.



CSE Dept. of Amal Jyothi in association with ISTE Kerala Chapter, organized a one-day ISTE e-workshop on 'Creative Teaching'. The programme was inaugurated by Dr.Mukta Atrey, Senior Project Manager, Ekalavya. Rev. Dr. Jose Kannampuzha, Mr.Abraham Kurien IPS (former DGP, Govt. of UP) , Prof.Dr.Sabu Thomas, Director, School of Chemical Sciences MG University and Rev. Dr.Tomy Tharayil, Director Danahallaya, Punnapra,Alappuzha handled sessions on 'Effective Teaching & Adaptive Learning', 'Communication skills and career oriented tools for Teachers', 'Teacher research lead to learning' and 'Know your students- Teacher-student relations' . Prof.Manoj T. Joy, HOD, Mr.Mathew J Joseph,AP,ME, Aby Jacob and Neethu C Sekhar, AP, CSE were the coordinators for the workshop. More than 545 participants attended the workshop in 10 remote centers all over Kerala.



## Career Guidance & Entrepreneurial Skills Development

Amal Jyothi College of Engineering organized a CAREER GUIDANCE & ENTREPRENEURIAL SKILLS DEVELOPMENT TRAINING- Pathfinder- for High school and Higher Secondary students.

## FACULTY DEVELOPMENT PROGRAMMES



## Faculty Development Programme led by Mr.Jacob Jose, Panthappally, National trainer.

## First Aid Training Programme- NSS

'INDIAN INSTITUTE OF EMERGENCY MEDICAL SERVICES' conducted a First Aid Training programme for students of various educational institutes in and around Kanjirappally, in association with National Service Scheme units of AJCE, on 23 Aug.

## Innovation and Patenting



The IPR cell of KSCSTE and 2 day National Level Workshop on 'Innovation and Patenting' inaugurated by Mr. P.H. Kurian IAS, Principal secretary, IT & Industries, Govt. of Kerala on 27<sup>th</sup> September. The inaugural function was presided over by Rev.Dr. Jose Kannampuzha. Principal, and the keynote address was delivered by Mr.

R.S. Praveen Raj, Scientist, CSIR-NIIST, Thiruvananthapuram. Dr.James Jacob, Dean Research and Dr.Jippu Jacob spoke.

## Mentorship Training:-



A mentorship training programme was conducted on 21 Sept, inaugurated by Mr.Abraham Kurian IPS, Director, Amal Jyothi Institute of Civil Services.

## Inauguration of Wireless and Optical Communication Society



Electronics and Communication Engineering Association along with National Instruments Initiative organized the inauguration of Wireless and Optical Communication Society by Mr.J. Visweswaran, Academic Technical Consultant, National Instruments India. Rev.Dr.Jose Kannampuzha, Principal, presided over the function and Dr.James Jacob, Dean Research, Prof.K.G. Satheshkumar, HOD ECE, Dr.K.Karunakaran Nair, and Prof.O.S.Sunishkumar spoke.

## INAUGURATION OF ICI STUDENTS CHAPTER

The inaugural ceremony of ICI-Students Chapter of Amal Jyothi was held on 7 Sept. The Chief Guests for the event were Er. Shelly S. Fernandez, Chairman, ICI-Ko chi Centre, and Mr. Ravi Prakash, Manager- Technical of RMC



Ready Mix. Welcome speech was given by Mr. C.S Belarmin Xavier, Asst. Professor, CE Dept. Mr. Shelly S. Fernandez pointed out the faults and carelessness usually made by civil engineers, which led to the failure of structures like Poonamchambers, Worli, Mumbai, Mandovi River Bridge etc., resulting in heavy loss of lives. Mr. Ravi Prakash spoke on readymix concrete. He touched upon different innovative architectural structures at different parts of the world such as Nehru Science Center,Mumbai, Lotus Temple, Delhi, Petronas Towers, Kuala Lumpur,etc



## ACHIEVEMENTS - STUDENTS



Release of Magazine 'Yantrik' of Mechanical Engineering Dept. by Rev. Dr. Jose Kannampuzha



MCA Farewell - 2013 Batch



The Entrepreneurship day inaugurated by the Founder and Director of Centre for Entrepreneurship and Management Development Mr. S.R. Nair on Nov. 22.

### Training programme for 1<sup>st</sup> year P. G. Students.

A personality development training session on 'Grooming' led by Prof. Mathew & Sheila Mathew, Visiting Faculty of Marian College, Kuttikkanam, was conducted for 1<sup>st</sup> P. G. students on 19 October.

### TRAINING PROGRAMME FOR FIRST YEAR B.Tech STUDENTS



A motivational talk by Mr. Alphonse Kannamthanam IAS (Resigned), Former Entrance Commissioner was held as part of a Personality Development Programme.

- Students from CSE department participated in the 24th CSI regional student convention organized by CSI student branch at Rajagiri School of Engineering. Listed are the names of students who bagged prizes in various technical competitions.
- Tony Toms and Stephinmon Antony of S5 CSE-B batch won first prize for the event "Scramble" with a cash amount of Rs. 5000/-
- Febin Francis and Akshay Das of S5 CSE-A batch won second prize for the event "The Basic" with a cash amount of Rs. 3000 RS/-
- Albin P. Albert, Amal Paul, Jewel John & Jishnu Muralikrishna of S7 CSE had participated in the National Level Technical symposium "ARCADE RAIDER" as part of the fest "ASCEND-2013" held at Saintgits college of engineering on 2nd Aug

### Placement-Oriented Training programme for Final year students

- Placement-oriented training (Phase-1) for 213 selected first year students of 2013-17 batch from October to 15 January by English and Soft Skills trainers for 3 days per week.
- Placement Training (Phase 2) to eligible 2014 YOP students from 3rd to 11th August (9 days) by Talent Sprint. Aptitude training, GD, Mock interview and

### Students Council 2013-14



### Inauguration of M.Tech Energy Systems



The pioneering specialization 'M.Tech-Energy Systems' was inaugurated on 26<sup>th</sup> Aug. by Prof. V. I. Cherian, Dean - Academic. 24 students were admitted to the program. The function also marked the inauguration of the 5<sup>th</sup> batch of M.Tech-Power Electronics and Power Systems, with 18 students.

Resume preparation were the contents.

- Aptitude training (Phase 3) to eligible S7 students (2010-14) on 27 and 28/10/13 by Talent Sprint in view of TCS campus placement drive.
- Mock Interview practice to S7 students on 29 and 30 Aug by in-house trainers the view of TCS campus recruitment.



TATA CONSULTANCY SERVICES, IBS, UST GLOBAL, INDIAN NAVY, EVEREST INDUSTRIES visited our campus for recruitment from final year students and a good number of students have been recruited. Many students have been short listed to South Indian Bank, MRF Tyres, Verizon, Aceware etc. through off campus recruitment.

## ACHIEVEMENTS - STAFF

Awards to the Best Faculty and Staff



Prof. K.G. Satheeshkumar



Prof. Manoj T. Joy



Mr. Geevarghese Titus



Mr. Shiju George



Mr. S. Arun



Mr. Mathew Joseph



Ms. Reshma P



Mr. Binu Mathew



Mr. Ajith G.S.



Ms. Shamini James



Ms. Margaret Sherin James



Mr. Richu Thomas



Mr. K.M. Manoj



Mr. K. Balachandran



Mr. Rajesh M.G.



Mr. P.G. Ranjithkumar

Congratulations.....

### WORKSHOP ON 'ANDROID APPLICATION AND DEVELOPMENT'

The Dept. of IT in association with Magnificata Hybrid Gadgets (MHG), ISEEC London and GCN Technology, Canada, has organized a workshop on "ANDROID APPLICATION AND DEVELOPMENT" from September 25- 27, 2013. Around 40 students from IT and MCA participated in the workshop.

### PROJECTS

Mr. Joms Antony, AP/IT and team has won second Prize in the Open Source Hardware Projects contest conducted as a part of FOSS Young Professionals Meet 2013 (FYPM2013) under the Pre-incubation Support Services of ICFOSS International Center for Free and Open Source Software, supported by IEEE Kerala Section and IEEE GOLD.



Dr. Rajendra Jagdale,  
Director General, Science and Technology Park, Pune,  
address the staff and P.G students

- Jince Kappan, AP, Physical Education led MG University Swimming and Waterpolo team as Manager in the South Zone Inter University Championship held at Guru Nanak Dev University, Amritsar in October, 2013.
- The department of information technology organized a four day training

programme on IBM Rational suite from 14th August to 17th August 2013 coordinated by Ms Midhuna Jyothi R, AP, IT

- Mr. Jerin Thomas, AP CSE has been selected as the staff-in-charge for the newly started Add-On Courses programme at AJCE. The courses would be launched from January 2014.

### PAPER PRESENTATIONS/CONFERENCES/TRAINING/PROGRAMME ATTENDED

Name	Dept	Name of Paper/Course/FDP/STTP	Venue/Date
Ms. Shiney Thomas, Gloriya Mathew (PG Scholar)	CSE	A Novel Multifactor Authentication System Ensuring Usability and Security	in International Journal of Security, Privacy and Trust Management (IJSPTM) Vol 2, No 5, Oct '13
		An Authentication System for Information Security using Cued Click Point and one time session key	in the International Journal of Engineering Research & Technology (IJERT) Vol 2, Issue 7, Jul '13
Ms. Shiney Thomas (AP), Tina Maria Thomas & Jiss Varghese (PG Scholars)	CSE	An Improvement to Vertex Decimation: Finding Referencing Neighbours for Low Distortion in 3D Steganography	ICCC2013, at CET, Tvm. 13-15, Dec 2013.
G. Krishnalal	CSE	A Secure Communication for a Reputation Management Model in Multi-agent System A Secure Data Transmission For Multiagent System Using Digital Signature	International Journal of Computer Applications – IJCA. Vol 84 – No:2 International Journal of Engineering Research and Technology - IJERT ISSN:2278-0181 Vol.2 - Issue 8
Mr. Syam Gopi (AP) Soumya Thomas (PG Scholar)	CSE	A secure data transmission in manets using hybrid technique	International Journal of Engg. Research & Technology.
Mr. G.S. Santhoshkumar	CSE	Ubiquitous Patient Monitoring and Smart Alert Generation in an Intensive Care Unit Supported by Low-Cost Tablet PC based Automation System Powered through Open Source Software and Hardware Platforms	IEEE Global Humanitarian Technology Conference (GHTC) 23&24 Aug at Technopark Tvm.
		A Dynamic Cryptographic Approach to Defend Against Distributed Dos Attacks In Multiparty Applications	International journal IJERT, Vol.2, Issue 8, Aug
		A Secure Multi-party Communication Protocol for DDoS Defence Framework A Secure Multi-party Communication Protocol for DDoS Defence Framework in NS2	International journal IJARSSE: Vol.3, Issue 10, Oct. 2013
Mr. Jayakrishna	CSE	Compression of Color Images Using Clustering Techniques'	International Journal of Scientific & Engineering Research Vol.4, Issue.8
		Computer Assisted X-Ray Analysis System for Detection of Onset Tuberculosis	International Journal of Scientific & Engineering Research, Vol.4, Issue 9, Sept. 2013