



# amalites DigEST

Amal Jyothi College of Engineering, Kanjirapally, Kerala



Volume 7

Bi-yearly Newsletter

Jan 2009

## Convocation '08



Time hallowed moment

## Message from the Principal



Fr. Jose Kannampuzha

Finally, it is at our doorstep, yes, the economic meltdown. Never should we be lost in the waves of recession. This must be converted to great challenges. The technical prowess and the professional repertoire we possess must be well honed and fine-tuned to deliver finer results. Let everyone enter the portals of knowledge and get equipped for the greater challenges of the coming days. Only

those who brave it out in the crucible of quality will survive. Stand alone with quality and the entire world will search you out.

27 September '08 witnessed the fourth edition of the Convocation of AJCE. This annual ritual holds a special niche in the heart of every Amalite, in the mind of every student who has entered the portals of Amal Jyothi College of Engg.

The stately and solemn Convocation procession winding its way from the Principal's chambers to the venue, presented a heart-warming sight. Rev. Fr. Varghese Parinthirickal, Manager, AJCE welcomed the gathering. The presidential address was delivered by His Grace **Mar Joseph Powathil**, Archbishop Emeritus, Changanacherry and Chairman, Interchurch Council. The convocation was declared open by Rev Fr. Jose Kannampuzha, Principal. The Guest of Honor was **Mr. S. D. Shibulal**, Co-Founder and Chief Operating Officer, Infosys Technologies Ltd, whose sparkling Convocation Address enthralled the alumnae. The Principal led the Pledge taking ceremony. Subsequently, the chief guest awarded the scrolls. The new graduates were felicitated by Rev. Fr. Aji Athimoottil, the then Manager, who also presented awards to the branch toppers. The student body acknowledged it with a sterling reply of thanks by Eben G Babu, EEE graduate and outgoing Chairman of the Students Council. Mr. Shibulal further awarded the *GEM of AJCE*- 'Fr.Aji Athimoottil Award' to Avinash Prabhakar, ECE graduate and intrepid winner of several student awards. Dr.James Jacob, Dean, R & D delivered the vote of thanks.

## Doyen of machines



**Mr. Zacharias Mathew** Chairman of the Mumbai based Senzo Group of companies has been nominated as Adjunct Professor in the CREST (Center for Research in Sustainable Technologies) and Chief Technology Officer of the college. This mechanical prodigy has developed several inventions, of which the pachyderm control gadget has been in the news recently. He has been conferred with a number of National Level awards such as *National Excellence Award*, *Rashtriya Ekta Award* and *Rajiv Gandhi Shiromani Award* for his outstanding contributions to the development of new technology. AJCE warmly welcomes him to the campus. We earnestly hope that the College will attain greater heights in technology development with his active cooperation.

## Versatile Veteran

Dr. A Balasubramonian, Professor of Mech. Engg., completed his B.Sc (Engg) Mech in 1962 and M.S (Engg) Machine Design in 1970 from College of Engineering, Thiruvananthapuram. He went on to complete a Ph.D. in Mechanics Dynamics from IIT Delhi in 1986. He served NIT Calicut for 45 years from 1962 as Associate lecturer until 2003 as Professor. He was also the Head of the Dept. for a year. Dr. Balasubramonian was instrumental in setting up the Metrology and Measurements, Vibration and Acoustics Laboratories under the Network Scheme of the Govt. of India. Underwent training at Cranfield Institute of Technology, Bedford, U.K in rotor dynamics in 1979. Published several papers in International Journals.



STUDENTS' COUNCIL 2008 - 09

## NEW FACULTY



L.V. Prakashan  
Professor (CE)



Ms. Rosamma Sebastian  
Lecturer (ECE)



Ms. Lisha Varghese  
Lecturer (CSE)



Mr. Rojas Thomas  
Lecturer (ME)



Ms. Annie Maria Issac  
Lecturer (CE)



Mr. Joffie Jacob  
Lecturer (EEE)



Mr. T. Sreekumar  
Lecturer (EEE)



Mr. Rakesh Reghunath  
Lecturer (ME)



Mr. R.T. Aneesh  
Lab Inst. (CE)



Ms. Mini Jacob  
Lab Inst. (CE)



Ms. Shiji K. Mathew  
Lab Inst. (CSE)



Mr. Arun Rajanadnan  
Lab Inst. (CSE)



Mr. Jomon Joseph  
Lab Inst. (ECE)



Ms. P. Radhakrishnan  
Lab Inst. (EEE)

## TOPPERS



Jilt Sebastian  
S1S2 ECE



Neenu Ann Joseph  
S1S2 EEE



Afsal A. Kareem  
S1S2 ME



M.D. Bijo  
S1S2 CE



Paul Emil Johnson  
S1S2 CSE



Shilpa Elsa Abraham  
S1S2 IT



Litty Rose Philip  
S4 ECE



Anu Varghese  
S4 EEE



Vibin Varghese  
S4 ME



Anu Sebastian  
S4 CE



Alwin Tom  
S4 CSE



Ann Maria Mathew  
S4 IT



Prakriti Rajan Babu  
S6 ECE



Anju Alias M.  
S6 EEE



Ajin Saju  
S6 ME



Deepak Abraham  
S6 CSE



Elsa Joseph  
S8 IT



Amruta Harichandran  
S8 ECE



Eldho Varghese  
S8 EEE



Sreeraj P.R.  
S8 ME



Soumya Ann Thomas  
S8 CSE



R Vandana  
S8 IT



## Student achievements

- Joe Baby Joseph and T. H. Dipin (S7), won the First prize in Paper Presentation in *ASEATIC*, a technical festival conducted by the ECE dept. of AJCE, on 3 Oct.
- V. Sankardeep and Rubesh Valiyapurayil (S7) bagged the Second prize in Web Designing at *ABHIYANTHRIKI'08*, a National Level Inter Collegiate Festival held at Rajagiri School of Engg on 26 & 27 Sep.



Joe Baby Joseph



T.H. Dipin

## STTPs/Seminars

- Mr. Renju Jose participated in the MHRD-AICTE Staff Development Program on *'Computer Architecture and Design'* at NIT, Rourkela, from 29 Oct to 11 Nov.
- Mr. Sunil K.S and Ms. Parvathy G participated in the AICTE-sponsored STTP on *'Emerging Trends on Mobile Computing and Networking Technologies'* organised by VJCET, Vazhakulam.
- Mr. Shaan Geo, Mr. Santhosh Kumar and Mr Renju Jose attended the national seminar on *'Modern Trends in IT Industry'* organized by Sarabhai Institute of Science and Technology, Thiruvananthapuram on 24 Sept.

## DEPT. OF ELECTRONICS AND COMMUNICATION ENGINEERING

### Seminar and workshops

- Mr. Jose J Edathala and Mr. Sabin Simon attended a one week STTP in *'Emerging Trends in Mobile Computing and Networking'* at VJCET, Vazhakulam.
- Prof. K. G. Satheeshkumar and Mr. Geevarghese Titus, attended an STTP on *'Free Software in Engineering'* at NSS Engg. College, Palakkad, from 17 to 29 Nov.
- Ms. Betzy Babu and Ms. Darsana P. attended an STTP on *'Pedagogic Strategies for Creating Effective Learning Environments'* at RIT, Pampady, from 24 Nov. to 5 Dec.
- Mr. Sabin Simon, Ms. Leeba P Kumar, Ms. Amrutha Harichandran, Ms. Rosamma Sebastian and Mr. R. Rajesh attended an STTP on *'Simulation and Automation using Various Tools'* held at SJ CET, Pala, from 18 to 22 Nov.
- Mr. Sunish Kumar O. S. and Mr. Jaison C.S. attended a three day workshop on *'VLSI Technologies'* held at Rajagiri College of Engg, Ernakulam, from 4 to 6 Dec.
- Mr. Liju V Oommen attended a two week MHRD & AICTE-sponsored STTP on *'Computer Architecture and Organization'* at NIT, Rourkela, from 29 Oct. to 11 Nov.
- Mr. Geevarghese Titus attended a four day ISTE-sponsored workshop on *'Emerging Trends and Innovations in IT Curriculum'* at AJCE from 3 to 6 Dec.

### Consultancy / Extension work

Prof. K G Satheeshkumar was selected to evaluate the project titled *'Providing Drinking Water through Roof Top Structures'* by CAPART (Council for Advancement of People's Action Rural Technology).

### Achievements

- Amrutha Harichandran, S8, was selected as the *Crown* and Avinash Prabhakar, S8, was selected as the *Gem* of AJCE for the year 2007-08
- Second edition of the dept. magazine *'Zealous'* was released on 03 Oct.

### Workshops organized

- A FDP on *VILabView* - 7 to 8 Aug.
- A workshop on *'Digital System Design and Signals & Systems'* for S7 by Ascent Empower, Calicut, - 8 to 11 Aug.



*Zealous unfolds*

- Seminar on *'Higher studies – CAT, MAT and GRE'* by IMS Learning Resource Pvt. Ltd, Bombay.
- Talk on *'Space Technology'* for students on 03 Oct.

### Industrial visits and study tours

- S3 students went on a two-day study tour on 7 Aug. S5 students visited ISRO on 29 Aug. S7 students went on a four-day study tour on 13 Aug.

### TECHNOTYST'08

ASEATIC organized a national technical fest on 3 & 4 Oct. The program was inaugurated by Mr. Shajahan, Scientist-in-charge, Space Physics Laboratory, VSSC Trivandrum.



*Tech wizards*

### Publication

Mr. T. M. Muhammad Nadeer, Asst. Professor, published a paper on *'Optical and nonlinear optical properties of copper nanocomposite glasses annealed near the glass softening temperature'* in the international journal *'Optics Communication'*.

## DEPT. OF ELECTRICAL AND ELECTRONICS ENGINEERING

The branch-wise PTA meeting for S3/S5/S7 students was conducted on 18 July.

Mr. Chetan Kudale from Trident Tech Labs, Bangalore, presented a '*Power System Software Suite*' on 12 Aug., to the EEE faculty and students for project applications.



*Real time simulation*

The Simulations Lab of the Dept. was upgraded with the addition of new Dual Core Systems on 02 Sep.

The Dept. submitted an application to AICTE under the MODROBS scheme for modernizing the Power Electronics Lab. on 25 Sept.

### Seminars attended by students

- The students of S5 interacted with Mr. Zachariah Mathew on 30 Oct.
- S3 students attended a lecture on '*Student Empowerment*' organized by the Kanjirapally Grama Panchayath on 30 Sep.

### Students achievements

- Derek John Mullassery and Albin Francis (S5) took the first prize in Paper Presentation conducted by ISTE students chapter of University Engg. College, Muttom, on 26 Sep.
- John Tom, Martin Mathew and Hashif Nalakath (S5) won the first prize in Project Presentation at the University Engg. College, Muttom, on 26 Sep.
- Derek John won the second place in debate at the RIT fest, Kottayam, on 15 Oct.



Derek John



Albin Francis

### ENERCON-08

The Sastrapadam camp '*ENERCON-08*' was held from 8 to 11 Sept. for about 90 higher secondary students from the Changanacherry Archdiocese. Keeping in mind the *Oorjja* theme of this camp, Prof. V.I.Cherien enlightened the bright sparks with a glitzy talk on '*Power Generation and Distribution*'. Mr. Edstan Fernandez and Mr. Sijo George



*Into the realms of energy*

conducted a vibrant session on '*Energy Conservation*'. In yet another session, the students were conducted to the EEE laboratories by Mr. K. M. Manoj, Mr. Resa K Ali and Mr. K. G. Pradeep.

### Training programmes for staff

- Prof. V I Cherian led a session on '*Industrial Experience & Teaching*' as part of the Induction Program for Faculty members, on 13 Dec.
- Mr. R. Sreeraj, Mr. Edstan Fernandez, Ms. C. Sreeja and Ms. P. Sreekala attended a five-day STTP on '*Computing, Simulation & Modeling in Electronics Engineering*' held at SJ CET, Pala, from 18 to 22 Nov.
- Mr. Sijo George attended an STTP on '*Mathematics for Engg. Appns.*', from 29 to 31 Dec, conducted by the Depts. of IT & EEE of VJ CET, Vazhakulam.
- Ms. Ann Mary Joshua attended a two-week TQIP-sponsored STTP on '*Pedagogic Strategies for Creating Effective Learning Environments*' held at RIT, Pampady, from 24 Nov. to 5 Dec.

## DEPT. OF INFORMATION TECHNOLOGY

### Students' achievements

- Aswin Reji (S5), won Third Prize in the Basketball Tournament held at S. B. College, Changanassery.
- Subin Varughese (S7) got second prize in Dance competition in the College Fest held at UC College, Aluva.
- Jibin Jacob, Alan George, Revathy Mariyam Thomas, Simmy Suresh, Gauthamy S. Krishnan (S5) secured Second prize for Campus Olympics in '*Lumiere 08*' organized by College of Engineering, Kidangoor.

### Seminar on Graph Theory and Cryptography

The Dept. of IT conducted a one-day seminar on '*Graph Theory and Cryptography*' in association with the Silver Jubilee Celebrations of M. G. University. Dr. Ancykutty Joseph, Principal, S. D. College, Kanjirappally, inaugurated the seminar and delivered a talk on '*Path Graph*'. The session on Cryptography was led by Rev. Dr. Mathew V Chacko, Professor, Dept. of Computer Science.

### *Ciphers . . . Open sesame*





### Continuing education

- Mr. Shiju George, Asst Professor, attended an AICTE-sponsored STTP on *'Teaching Computer Networks Effectively'* at IIT, Madras from 16 to 27 June 08.
- Mr. Thomas Varghese, Mr. Shiju George, Mr. Dileesh E. D, Mr. Ratheesh S and Ms. Saumya Sadanandan attended a MHRD-sponsored Faculty Development Programme on *'Algorithms and Complexity'* at NIT, Calicut, from 6 to 19 July.
- Mr. Shiju George attended a National seminar on *'Modern Trends in IT industry'* at Sarabhai Institute of Science and Technology, Thiruvananthapuram, on 24 Sept.
- Mr. Shiju George and Mr. Dileesh E. D attended MHRD-AICTE Staff Development program on *'Computer Architecture and Design'* at NIT, Rourkela, from 29 Oct. to 11 Nov.

### Outreach programmes

- Mr. Shiju George, did mid-term Evaluation of the Project *'Gramin Vikas Andolan'* sanctioned by CAPART for the block ELAMDESAM in IDUKKI District, undertaken by the NGO, Gandhiji Study Centre, Thodupuzha.
- Mr. Shiju George, joined as a team member for mid-term Evaluation of the project *'Roof Rain Water Harvesting'* accomplished by NGO *'Vasudha'* for the block Sultanbetherly.

### Clubs

The following clubs have been formed for students to come together and explore novel ideas: Hardware Club, Programming and Logic Club, Multimedia and Web Designing Club, Debate and Group Discussion Club, Open Source Club.

## DEPTS OF BASIC SCIENCES AND HUMANITIES

- Collaborated with the KSEB in conducting a *Power Quiz* Competition on 27 Nov. Steffi Elizabeth Mathew (S1S2 F) & Jibin George Sam (S1S2 C) bagged the First Prize. They also represented the college in district level competition at St. Thomas College, Pala.
- S1S2 *PTA Meeting* was organized on 23 Aug.

### Seminars attended

- Dr. Soney C. George, HOD, Basic Sciences, Participated the international conference *'ICBC 2008'* at Kottayam, organized by School of Chemical Sciences, M.G University, on Sept 11.
- Mr. Ullas Thomas and Mr. Bobby P Mathew attended a national seminar on *'Graph Theory and Cryptography'* at St. Paul's College, Kalamassery, from 7 to 9 Aug.
- Ms. Preetha Mathew, Mr. Bobby P Mathew, Ms. Lisa Rani Alex and Ms. Linu Tess Antony attended a national seminar on *'Cryptography and Computer Applications'* at B.C.M College, Kottayam, on 21 & 22 Nov.

## DEPT. OF MECHANICAL ENGINEERING

- The dept. organized a *'Faculty Training Programme'* on 12 and 13 Dec. Mr. Mathew Joseph, Mr. Jibin Jacob and Mr. K. R. Arjun were the coordinators.
- Mr. M. N. Muralidharan, Mr. Balachandran, Mr. Joshi Joseph and Mr. A. N. Raman developed a *'Paper Punching Machine'* for university exam purpose.
- The activities of the *'Royal Mech Association'* for the year were inaugurated by Mr. Zachariah Mathew, on 30 Sept.



*The virtuoso on home turf*

### Paper presentation

- Mr. J. P. Ajithkumar presented a paper in the international conference on *'Modelling and Simulations in Supply Chain Management'* at NIT, Trichi, on 8 Dec.
- Mr. Toms Philip presented a paper at Dr. Mahalingam College of Engg and Technology, Pollachi on 19 Dec.

### STTPs

- Mr. J. P. Ajithkumar attended an STTP on *'Entrepreneurship'* At PSG College of Engg, Coimbatore, on 28 Nov.

- Mr. Bobby P Mathew attended a national seminar on *'Digital Topology'* at Mar Thoma College for Women, Perumbavoor, 28 and 29 Nov.
- Dr. Abin Manoj Pottenkilum, attended a workshop on *'Observational Astronomy'* at School of Pure and Applied Physics, M. G. University, Kottayam, from 1 to 3 Dec.

### Sir Isaac Newton lecture series

*Sir Isaac Newton Lectures*, a lecture series on different science and technological subjects, was inaugurated by Dr. Sabu Thomas, Professor of Polymer Chemistry, School of Chemical Sciences, M.G. University on 2 Dec. The inaugural lecture was on *'Polymer Nanocomposites'*. Besides the faculty members, all first year students also participated in the event.

### *In the footsteps of Newton*





*Dr. C. Thomas Abraham, formerly Director, Adult Education, M.S. Utty, enlightening the staff.*

### Project proposal / Talks

- Dr. Soney C. George, Submitted a project proposal entitled '*Development of Polymer Membrane for the Pervaporation Separation of Liquid Mixtures*' to AICTE in Aug.
- Dr. Soney C. George, delivered a talk on '*Nanoscience and Technology*' during the Chemistry fest organized by Dept of Chemistry, S. D. College, Kanjirappally, on Dec 11.

### Publication

Dr. Sebastian Narively, HOD, Humanities, authored an informative article '*Pack Your Punch*' in Manorama Year Book 2009 – page 821.

### Training programmes organized

- Faculty training programme on 8 and 9 July
- Lab and administrative staff training on 9 and 10 July.
- A refresher course in English for the faculty on 12 and 13 Dec
- A course in Functional English for administrative staff - 13 Dec - Resource person - Dr. P. J. George, S. D. College, Kanjirappally.
- A two day remedial course in Basic English Grammar for S1S2 - 1 and 2 Nov.



*Moulding young minds – Rev. Dr. Augustine Palackaparambil, former Principal, Deva matha College, Kuravilangad*

## NATIONAL SERVICE SCHEME

- The NSS unit conducted *a seminar on 'Moral Values'* and *a visit to Baby Sadan* on 20 Aug. The programme was headed by Prof. V. I. Cherian and Prof. K. P. Sundareswaran.
- Around *50 saplings were planted* around the central complex on 21 Aug.
- An *Introductory session for first year students* was organized on 17 Sep. Dr. V. J. Sebastian Narively, Director, NSS, spoke about the relevance of NSS, especially for Engg students. Prof. Sherin Sam Jose, Programme Officer and Bijo M. D. (S3 CE), Volunteer Secretary, also spoke.
- As an extension of our community service NSS volunteers took *a computer coaching class for Sisusadan* orphans at Govt. L P school, Panacheppally. The programme was headed by Ms. Tom Josina, Asst. Programme Officer. NSS volunteers also conducted *a drawing class* for them on 23 Sep.
- For the new comers to NSS an *Orientation programme* was organized on 22 Nov. Dr. P. D. George, St. Thomas College, Palai, was the resource person.
- A *seven-day special camp* was held at Purakkayam near Kuttikkanam from 18 to 24 Dec. Road reconstruction, Blood grouping, Personality development, Trekking and cultural programmes were the major activities.

*Service above self, the NSS way*



## ENTREPRENEURSHIP DEVELOPMENT CELL

- As a joint venture of EDC and National Innovation Foundation (NIF), *a workshop on 'New Innovations'* was held on 6 Aug. Ms. Veejashree, Honorary Coordinator, *IGNITE 08*, NIF, was the chief guest. She detailed the innovations, the support extended by NIF for new innovations and the procedures of IGNITE competition.
- *A workshop on Mechanical Design* was organized in collaboration with Royal Mech Association on 30 Sep. Mr. Zacharias Mathew, a successful entrepreneur from Mumbai, was the chief guest.
- With a view to developing entrepreneurs from our college, EDC arranged an *Entrepreneurship Awareness programme* on 30 Oct with Mr. Zacharias Mathew as resource person.

## PHYSICAL EDUCATION

- Mr. Jojo George, Lecturer in Physical Education, was selected as Manager of M. G. University Basketball team in the South Zone inter university tournament held at Karnatak University, Dharwad, from 10 to 15 Nov. He was also one of the officials at the 69<sup>th</sup> All India Inter University Athletics Championship 2008-09, held at Maharajas college, Ernakulam, from 20 to 24 Dec.
- Christopher Raju (S7 ME) won second place in 100M Breast stroke and third prizes in 200M Breast stroke and 50M Breast stroke at M. G. University Inter-collegiate swimming competitions at St. Thomas College, Pala, on 3 & 4 Oct.
- John Paul Joseph (S7 ME) bagged the third prize in M. G. University Inter-collegiate wrestling competition at Maharajas College, Ernakulam, on 10 Oct.



Christopher Raju



John Paul Joseph



## DEPT. OF CIVIL ENGINEERING

### New geotechnical laboratory

The newly established Geotechnical engineering lab was blessed by the Manager Fr. Varghese Parinthrickerel in the presence of the Principal Fr. Jose Kannampuzha. Sr. Clamma Rosary, HOD, welcomed the gathering. This is the third full-fledged laboratory in the department. The lab is fully equipped for conducting various experiments related to soil mechanics and foundation engineering. Consultancy works also are being undertaken.

### Community interaction programme

As part of the Social service and community interaction programme, the Department made a visit to Prathyasa Bhavan, an organization run by Little Sisters of Divine Providence, Kunnamthanam, Changanacherry, with thirty four students of pre-final year and four faculty members. The institution is dealing with the socially backward, mentally retarded, handicapped people, with proper care and consideration. The students made a contribution of Rs.10000/- to the institution. Rev. Dr. Mathew Vellanickal, Director, Zion Retreat Centre and Vicar General of Changanacherry Archdiocese, interacted with the students, followed by a Holy mass.



*Hands of compassion*

### AJCE reservoir completed

The construction of the Fresh water reservoir to meet the water requirements of AJCE is completed. The reservoir can hold twenty million liters of water. The cost of construction is around Rs.1.2 million. The reservoir will be filled only in stages so that safety aspect can be monitored. One-third will be filled this year and the rest in subsequent years.

### Achievements of students

- Rinku Maria Louis (S5) won First Prize for 'Best Manager' in *Vastbeya'08*, at RIT, Pampady.
- Neetu Anna Joseph (S5) and Bijo M.D. (S3) bagged the second prize in *Eternia-08*, the National Level technical paper presentation contest, held at Saintgits College of Engineering, Kottayam.
- Harigopalakrishnan, Faizal Majeed and Rachel Alex (S5) won the Second Prize for 'Creative Ability' in *Vastbeya'08*.
- Neetu Anna Joseph (S5) and Bijo M. D. (S3) secured the second prize in 'Technical Paper presentation' in *Vastbeya'08*.
- Maneesha Sebastian (S5) and Priya Mary Roy (S3) bagged the Third Prize in 'Debate' in *Vastbeya'08*.



Rinku Mariya Louis

### Research publication

Dr. P. Rajeev Kumar published a paper titled, '*Accelerated Physical Modeling Contaminant Transport through Soils*', in *Indian Geotechnical Conference '08*, at IISc Bangalore, in Dec.

### Achievements by the faculty

Prof. K. Ajayakumar secured First Rank and Gold medal in M Tech degree exam from Anna University, Chennai.

### Workshops and staff training

- All faculty members of the Dept. attended staff training programme on '*Neo Areas of Research in Computing*' conducted by the CSE dept. from 26 Nov. to 2 Dec.
- Faculty members of the Dept. attended a workshop on '*Emerging Trends and Innovations in IT Curriculum*' conducted by Dept. of IT from 3 to 6 Dec.

### Training programmes for students

Dept. of CE, along with ISTE, AJCE Chapter, conducted a training program on Auto CAD for S5 CE.

## DEPT. OF COMPUTER SCIENCE & ENGINEERING

### NARC '08



An intercollegiate Staff Development Programme on 'Neo Areas of Research in Computing' was conducted from 26 Nov to 2 Dec. The program was inaugurated by **Dr. Achuthsankar S. Nair**, Hon. Director, Centre for Bioinformatics, University of Kerala. There were around 45 participants from different colleges. Eminent speakers, research guides and industry experts led the sessions for the faculty members aspiring to pursue research in Computer Science and allied interdisciplinary branches. The main aim was to develop research skills and knowledge in the rapidly growing areas of doctoral research.



# Vignettes of AJCE



The fount of divinity - Blessing of the Chapel by H. E. Mar Mathew Arackal, Bishop of Kanjirapally



Prof. K. K. Abraham, President, Pala Marketing Society, inaugurating the staff training programme

## Convocation '08



A rousing reception



Sacerdotal wisdom



Crowning glory for Amrutha



A garnet for Avinash



Avast! Ye Sombreros



Floral ensemble



Mahabali keeps everyone in splits



A toast to Santa



Heralding the king

## Christmas Celebrations



Regaling everyone



Jinglebells....

Published by  
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Phone : +91-4828 251661, 261895 Fax : +91 4828 251136  
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[www.amaljyothi.ac.in](http://www.amaljyothi.ac.in)