



amalites DigEST

Amal Jyothi College of Engineering, Kanjirapally, Kerala



Amal Jyothi Zeroes in on Accreditation

Amal Jyothi College of Engg., Kanjirapally, has emerged as the first new generation engg. college in Kerala to secure the **prestigious AICTE accreditation** for two major depts.

The NBA accreditation team, comprising Prof. Sandeep Sancheti, Director, NIT-Karnataka, Prof. Animesh Biswas, IIT-Kanpur, Prof. Brahmajith Singh, NIT-Kurukshetra (representing the ECE sub-committee), Prof. Anwaruddin Anwar, Zakir Hussein College of Engg., Aligarh Muslim University and Prof. K.G.Rajagopal, IIT-Delhi (representing the EEE) began the appraisal process on 15th Feb, 2008. The committee made an in-depth assessment of the operating practices, systems, quality models, innovative teaching practices, in-house projects, results, academics, infrastructure, finance, lab facilities and the staff. In short, a fine tooth-comb was drawn throughout the institution. The inspection continued for 3 days.

The final day was marked by a grueling round of system verification and interaction of the team members with the Principal, Manager, Administration



and Department Heads. Curtains were drawn by an eventful exit meeting of the accreditation committee with the members of the Governing Board, Academic Council and key faculty. The final verdict sanctioning accreditation for three years to the EEE & ECE departments, was announced on 17 July. This augurs well for the future of all academic programmes of Amal Jyothi. Heartiest congratulations to H.E.Mar Mathew Arakkal, Bishop of Kanjirapally and patron of the College, Fr. Aji Athimoottil, Manager, Dr. S. Balasubramanian, Director, Fr. Jose Kannampuzha, Principal, Dr. Erat S. Joseph, Exec. Director, Deans, HODs and the members of the ECE & EEE depts.

Welcome to the new Manager



The Amal Jyothi family extends a most cordial welcome to the new Manager, Fr. Varghese Parintherickal, as he assumes the role of helmsman of this juggernaut. Amal Jyothi is happy that this management wizard and master builder will hold the scepter of this empire of learning. We earnestly pray that the Almighty God may shower his blessings in plenty on this benign personality and strengthen him in his myriad responsibilities. Strong institutions need men of iron with nerves of steel. Amal Jyothi is no exception. We are sure that Fr. Varghese Parintherickal will effectively steer this flagship educational institution in the Diocese of Kanjirapally to greater heights of glory.

Adieu to Fr. Aji Athimoottil



July 2008 marked the transfer of the Manager, Fr. Aji Athimoottil, as Very Rev. Fr. Aji Athimoottil, Vicar of Pathanamthitta Forane church. The entire Amal Jyothi family places on record their heartfelt appreciation and gratitude to this visionary master-builder and architect of the great edifice that is now Amal Jyothi. Starting from scratch, in a span of 5 years, he toiled with exemplary dedication, remarkable intellect, immense patience, persuasive powers, effective financial management and his trademark disarming smile to put this mighty bulwark on the technical educational map of Kerala. The Resource Square, the Central Complex, the Men's Hostels, the Ladies Hostels, the reservoir, the roads, the launch and successful piloting of the NBA accreditation activities, all these and many more, bear testimony to the astute brain and superb management of Fr. Athimoottil.

TOPPERS



Amrutha Harichandran
S7 ECE



Eldho Varghese
S7 EEE



Sibi Rajan
S7 CSE



R. Vandhana
S7 IT



R. Anish
S7 ME



Neenu Susan Mathew
S5 ECE



Pheba Merin Jacob
S5 EEE



Angella Mary Korah
S5 CSE



Elsa Joseph
S5 IT



Ajin Saju
S5 ME



Cyriac Lukose
S3 ECE



Anu Varghese
S3 EEE



Alwin Tom
S3 CSE



Simmy Suresh
S3 IT



Vibin Varghese
S3 ME



Anu Sebastian
S3 CE



Sharpshooters
Amal Jyothi retains 'the all Kerala inter-engg college basketball tourney Arena 08'



In a lighter vein
The Principal with Dr. Sr. Jessie Kurian, Member, Education Council of the National Minorities Commission.



अखिल भारतीय तकनीकी शिक्षा परिषद्
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
 (भारत सरकार का एक सांविधिक निकाय) (A STATUTORY BODY OF THE GOVT. OF INDIA)
राष्ट्रीय प्रत्यायन मंडल (रा.प्र.म.)
NATIONAL BOARD OF ACCREDITATION (NBA)
 (Constituted Under Clause 10(u) of AICTE act. 1987)

Dr. (Mrs.) Tabassum Naqvi Haider
 Director – Quality Assurance

F.No. NBA/ACCR-847/06
July 19, 2008

To
The Principal/Director
Amal Jyothi College of Engineering,
Koovapally P.O.,
Kottayam District – 686 518,
Kerala

Sub: NBA Decision on Accreditation Status of Programmes offered by your Institution.

Dear Sir:

With reference to your application for accreditation of the following programme (s) and the Expert Committee visit to your institution, the report of the visit team was considered by the various Sectoral Committees and subsequently by the National Board of Accreditation in its meeting held on 19.07.2008. Based on the recommendations of the Board, I am pleased to communicate the Accreditation Status of the following programme (s) from your Institution.

| Sl.No. | Name of UG Programme(s) | Accreditation Status | Period of validity w.e.f. 19.07.2008 |
|--------|--------------------------------------|----------------------|--------------------------------------|
| 1. | Electronics & Comm. Engineering | Accredited | 3 years |
| 2. | Electrical & Electronics Engineering | Accredited | 3 years |

Let me also take this opportunity to congratulate all those have contributed to the quality enhancement of programmes that secured accreditation by **NBA**.

With best wishes,

Yours truly,

(Tabassum Naqvi)

चौथा तल, ईस्ट टावर, एन.बी.सी.सी. प्लेस, भीष्म पितामह मार्ग, प्रगति विहार, लोधी रोड, नई दिल्ली-110003
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Laurels for AICTE

NEW FACULTY



Dr. A. Balasubramoniam
 Professor (ME)



Dr. P. Rajeev Kumar
 Professor (CE)



Ms. Seenathu Beevi
 Professor (IT)



Mr. Alex Chollackal
 Lecturer (ME)



Ms. Amrutha Harichandran
 Lecturer (ECE)



Mr. K.R. Arjun
 Lecturer (ME)



Mr. N.R. Arun
 Lecturer (CE)



Mr. Binoshi Samuel
 Lecturer (ECE)



Mr. Ivin Jose
 Lecturer (ME)



Mr. C.S. Jaison
 Lecturer (ECE)



Ms. K.J. Jeepa
 Lecturer (EEE)



Ms. Jessymol George
 Lecturer (CE)



Mr. Joms Antony
 Lecturer (IT)



Ms. Linu Tess Antony
 Lecturer (DBS)



Ms. G. Parvathy
 Lecturer (CSE)



Ms. P. Reshma
 Lecturer (IT)



Mr. Sabin Simon
 Lecturer (ECE)



Mr. Shaan Geo
 Lecturer (CSE)



Ms. Yelana Thomas
 Lecturer (English)



Sr. Ann Mathew
 Counsellor



Sr. Elsin Chakkalackal
 Lab - Instructor (CSE)



Mr. Febin Francis
 Lab - Instructor (IT)



Mr. M.G. Rajesh
 Lab - Instructor (ECE)



Ms. A. Shafeena Karim
 Lab - Instructor (ECE)

Azure '08

Azure 08, marked the rite of passage of the Amal Jyothi students. Inspired by a hoary past of successes, Azure 08 witnessed a spate of events, cultural and technical under the guidance of Mr. Shiju George (Staff advisor, Students' Council, Dept. of IT). 24 key members of the student body including Praveen R. P. (General Convener), A. M. Shine (President), Antony Lulu Elias (Event Coordinator), Tom Alexander (Treasurer), Bibin Abraham (Secretary), Joe Baby Joseph (Vice President) and Karthika Lakshmi (Joint Secretary) put up a sterling performance.

Stage events, Photography, Network gaming, auto expo, dance fiestas etc ruled the days. Rounding it off, a group of 'Dare Devils' exhibited a blazing show of motorbike wizardry.

Azure '08



Dr. A. T. Devasia, first VC of MGU unfolds the Azure 08



Resplendence on show



Grace in fluid motion



Scintillating display of power



Feminine ensemble

Arena '08



H.E. the Bishop doing the honours



Entranced by the ballgame



Deadlock

Published by

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DEPT. OF COMPUTER SCIENCE AND ENGINEERING

Asthra '08, a Tech savvy festival was conducted by the CSE dept. on 17 Apr. The event was inaugurated by Mr. James M Adai, Media Co-ordinator, Mathrubhumi.



Mr. James M. Adai at the inauguration

In the run-up to Asthra '08, the following students were the prize winners.

Aneesh Rajan Kurian, Siby Rajan, Joel Varghese of S8 won the 1st prize in Brand IT (Advertising Event)

Neethi Mariam Jacob, Jeswin Ann Samuel, Rimily M Thomas of S6 got 2nd prize in Brand IT (Advertising Event)

Rubesh V, Sankardeep V, Abdul Wahab, Nitin Rajan of S6 got 1st prize in The Corporates (Resource Management)

Deepak P Babu, Prince Tom Dominic, Joel Varghese, Arun S got 2nd prize in The Corporates (Resource Management)



Asthra 08 in the making

Reshma T Gomez and Bobina Jose of S8 were selected as the Best Friends in Asthra '08.

Mr Balu, Marketing Engineer, Suntech Technologies, Thiruvananthapuram, gave a talk on 'Software Trends in Banking' on 18 April.



Mr. Balu enlightening the students

Mr. Renju Jose rejoined the dept as Asst. Professor on completion of his M.Tech.

Seminars Attended – Students

- ♦ Anuj Maurice and T H Dipin of S7 attended a Java technical event organized by NIIT at Kottayam on 29 Aug. The session was led by professionals from Sun Microsystems, Kochi.
- ♦ A seminar on 'What Employers Look for' was organized for S7 on 14 Aug. The session was led by Ms. Ann Theja Alex, Software Engineer, Infosys Technologies Ltd, Bangalore.

Participation in STTP

- ♦ Mr. Manoj T Joy, HOD and Mr. S. Sreejith attended a FDP (AICTE -sponsored) on Communication, Networks and Security at LBS Institute of Technology, Thiruvananthapuram from 26 May to 07 Jun.
- ♦ Ms Shiney Thomas, Mr. K.S Sunil, Ms.Fabeela Ali Rawther, Ms. M.G Resmipriya, Ms.Sonia Mathew and Ms.Nishley E Joseph attended an STTP on "DSP And Neural Networks" at VJCET, Vazhakulam, from 4 to 10 Jun.
- ♦ Ms. Shahana Sathar has been granted study leave for M.Tech(Cyber Security) in Amritha Institute of Technology and Sciences, Coimbatore on QIP.

Students' Achievements

- ♦ Anina John and Vinza V Suthan of S8 qualified in the GATE
- ♦ V.Rubesh of S6 won first prize in web designing and Christy Mathew Jacob of S6 won third place in poster designing at *Resplendous'08*, Mangalam Collage of Engg., Ettumanoor.
- ♦ S. Arun of S8 secured first prize in team management at *Infusion '08*, SJCET, Pala.
- ♦ Neil George of S8 bagged first prize in debate at *Zephyr* VJCET, second prize in gaming at *Dgnite 08*, at Marian College, Kuttikanam and at *Dfest 08*, VJCET.
- ♦ Deepak P. Babu of S8 won first prize at *Dgnite '08* and second prize at *AD Astra '08*, RIT, Kottayam, in quiz competition.
- ♦ Joel Varghese of S8 secured first prize in team management at *Infusion '08*. He also won first prize in debate at *Zephyr*, VJCET, second prize in gaming at *Dgnite '08* and *Dfest '08* and second prize in event manager at *E-Mergenaz '08*, Sree Budha College of Engg, Pandalam.



Seminars & Workshops attended

- ♦ Ms. Sita Devi presented a paper on “Mathematical Characterisation of Interference in Uplink OFDMA system” in Confer 2008 held at VIT University, Vellore, from 27 to 29 March.
- ♦ Ms. Sita Devi attended a National conference on “Signals, Systems and Communication” at Anna University, Chennai on 8 & 9 May.
- ♦ Mr. O S Sunishkumar and Mr. Akas G Kamal attended a one-day workshop on “Wavelet Transform” at SJCT, Pala. on 16 April.
- ♦ Mr. Josemon J Edathala attended a one-week STTP on “DSP and Applications” at Viswa Jyothi College of Engineering, Vazhakulam, from 4 to 10 June.

R&D Projects

- ♦ A project titled “*Solar Irrigation*” was one of the 33 projects selected from over 300 projects at All-India level. This project was developed by a team of ECE students comprising Avinash Prabhakar, Chandu Sasidharan & Ashad U A under the guidance of Prof. KG Satheesh Kumar HOD.
- ♦ Avinash Prabhakar, Chandu Sasidharan & Gokul Gopi won the 1st Prize for their project “*Electronic Wheel Chair*” at a national platform, in a project presentation at *Infocom '08* held at Salt Lake Stadium, Kolkata. This was conducted under the aegis of NASSCOM and NCSM (National Council of Science Museums) from 21 - 24 February.
- ♦ Avinash Prabhakar, Abhilash Sathyan & Gokul Gopi won first prize for the project “*Electronic Wheel Chair*” on a national level Project presentation in *Dynethi '08* held at Saintgits College of Engineering, Kottayam, on 18th April..
- ♦ Mr. Syril Joseph, & Mr. Jishnu Prasad, final year students received cash prizes from various colleges for their project

Intelligent Light Dimmer for Automobiles developed under the guidance of Mr. Satish John, Asst.Professor.

Library Additions

The Dept Library has been upgraded with a collection of more than 700 text books, 100 CDs of various subjects, monographs and lab manual prepared by the faculty. Also there is a good collection IEEE papers.

Consultancy/Extension work:

Prof KG Satheeshkumar has been appointed Institutional Monitor for Mid-Term Evaluation for the project titled “PROVIDING DRINKING WATER THROUGH ROOF-TOP RWH STRUCTURES” by CAPART (Council for Advancement of People's Action Rural Technology) Dharwad, Karnataka.

Achievements:

- ♦ ***The Dept won the much-coveted Accreditation by National Board of Accreditation, AICTE.***
- ♦ Our R&D project “Solar Irrigation” was selected for final round presentation from among 300 projects in the All India technical competition “*Techtop 2008*” held at Technopark, Trivandrum.
- ♦ The Project titled ‘*Intelligent Light Dimmer System*’ for Automobiles has received an amount of Rs.2,16,000/- from KSCSTE, Trivandrum, for implementation of the project to its PI Prof. Satish John.
- ♦ The Department conducted an Advanced diploma course in VLSI led by Silicon Labs, Bangalore, for final year students.
- ♦ In this account NI2 Logic Designs, Pune, and Mistral solutions Bangalore, came for campus placement for the students who had undergone the VLSI training.

The Dept won the prestigious Accreditation by National Board of Accreditation, AICTE.

M/s Intercadd systems, Ernakulam, in association with KLG Systel, Chennai, conducted a seminar on “Emerging trends in Power System Computing” for the 4th year EEE students on 5 Feb 08. The team was led by Mr. Nicky George, Marketing Engineer, and Mr. Vasudev, Applications Engineer, KLG Systel.

On 6 Feb, the CSC (Community Service Cell) of the dept. conducted a seminar on “Energy Awareness” for the primary grade students of St. Joseph's LP School, Koovapally. About 60 students participated.



Exposition of energy issues



The Kottayam branch of CADD Centre, conducted a scholarship exam for the 3rd year EEE students on 7 Feb. Meritorious students are offered scholarships if they choose to pursue CADD related courses at CADD centers across India.

On 11 Feb, Dr. S. Ashok of the EEE Dept., NIT, Calicut, delivered a lecture titled "Energy Conservation & Demand Side Management" for the 2nd & 3rd year students.

On 6 March, Rony Joseph of S8 (2008 batch) was selected for Merit scholarship of Rs. 1000/- instituted by the faculty,

A team comprising 2nd year students Sajin Babu, Sajin Jose, Martin Paul, Jerin Jose and Nikhil K James submitted a working model "*Magnetic Levitation Propelled Train*" and won the 1st prize in the project display at "*Zephyr-08*", the technical extravaganza conducted by Vishwa Jyothi College of Engg. & Technology, Vazhakulam.



Sajin Jose



Sajin Babu



Martin Paul



Nikhil K James



Jerin Jose

Another team from the same batch consisting of Derek John and Albin Francis participated in the "Best Manager" event and won acclaim.

The EEE students' association "ELECTRONS" gave a farewell party to the outgoing EEE students (2008 batch) on 22 Apr. The function was solemn, with shades of fond memories.

On 1 May, the staff enjoyed a picnic to Ramakkalmedu near Kumily and Vagamon. Incidentally, Ramakkalmedu is the current scene of windmill activity.

*Electrifying conflux*

Participation in STTP / FDP

- ♦ Mr. Edstan Fernandez, Mr. Robins Anto and Mr. Sijo George attended a one-week AICTE-sponsored STTP on Energy Technology & Policy at CIT, Coimbatore, from 12 May onwards.
- ♦ Mr. Sijo George and Mr. R. Sreeraj attended a one-week AICTE sponsored STTP at NIT Calicut from 8 June. Mr. Sijo George & Mr. R. Sreeraj attended a 10-day 'Faculty Awareness camp on Entrepreneurship and Distributed Generation and Power Quality' at NIT Calicut commencing on 9 June.
- ♦ Mr. P C Thomas and Mr. Edstan Fernandez attended an AICTE-sponsored STTP on 'Condition Monitoring of Power Apparatus & Systems' at IIT Madras, from 30 June to 11 July.
- ♦ Mr. R.K Divyalal and Ms. Ann Mary Joshua attended a 3-day Training programme on 'Power Electronics and Digital Techniques in Electric Utility Application' at College of Engineering, Perumon, commencing on 7 July.

DEPT. OF INFORMATION TECHNOLOGY

Scholarships

- ♦ Ann Maria Mathew won the AJCE Merit Scholarship instituted by the faculty, securing highest marks in I & II semesters in IT.
- ♦ Archa Jeevan has been awarded the AJCE Merit Scholarship instituted by the faculty for securing highest marks in VI semester in IT.

Beyond Syllabus

- ♦ S8 IT underwent a two-week training Program (28 Jan to 11 Feb) on J2EE and J2ME architecture and program methodologies, organized by Kites Solutions, Cochin.
- ♦ The dept organized A two-week training programme on Dot NET for S6 IT.
- ♦ Nanditha Nair of S8 IT attended a two day seminar on 'Science and Literature' at Cochin University of Science and Technology in February.

IT- TRIX 08

The IT association ITANIA (Information Technology Association Nurturing Innovative Adept) conducted an intercollegiate technical fest IT- TRIX, 08, on 8 April, with a view to instigating students

*IT is the buzzword*



to achieve an echelon in technical field. The competition encompassed Paper Presentation, Audio Mixing, Software Reviewing, Visual ad creation, Vehicle Art, Network Gaming & BUZZ-the main event. The success of the fest nurtured the department, its staff and the students in various facets.

Achievements of students in intercollegiate events

- ◆ Nanditha Nair of S8 secured Second prize for Paper Presentation in *Uojana'08*, organized by Younus College of Engg
- ◆ Ashish Joe Abraham of S8 secured Second Place for C Debugging in *Resplendous '08*, organized by Mangalam College of Engg, Ettumanoor.
- ◆ Deepu Issac of S8 bagged First Prize for Paper Presentation in *Resplendous '08*.
- ◆ Devassy Jose of S8 won Third Prize for Paper Presentation in *Resplendous '08*.
- ◆ Jibin Jacob and Snehal Sugunan of S4 bagged First Prize for Digital Photography in *Resplendous '08*.
- ◆ Joe John Thomas and Arun M Nair of S4 won Second Prize for Digital Photography in The same contest.
- ◆ Lijo Sebastian of S4 bagged First Prize for Paper Presentation in *IT-Trix '08*, organized by the ITANIA, AJCE.
- ◆ Rony Roy of S4 won Second Prize for Paper Presentation in *IT-Trix '08*.
- ◆ Shafana of S6 won Third Prize for Paper Presentation in *IT-Trix '08*.
- ◆ John Jacob, Tiju Abraham, Tony KUrian & Kannan Das M of S6 won Third Spot for BUZZ in *IT-Trix '08*.
- ◆ Rojin Skariah and Rahul Nath of S6 bagged First Prize for Network Gaming in *IT-Trix '08*.
- ◆ Feby of S6 bagged First prize for Mixture in *IT-Trix '08*.
- ◆ Denny Paul and Anish George of S6 won second prize for Mixture in *IT-Trix '08*.

- ◆ Sharon and Arun of S5 won second prize for Network Gaming in *IT-Trix '08*.
- ◆ Anto John of S4 bagged first prize for Network Gaming in *Ognite'08* organized by Marian College, Kuttikkanam.

Continuing Education

- ◆ Mr. Shiju George, Asst. Professor, attended a Short Term Course on "Web Architecture & Programming", sponsored by the Directorate of Technical Education, Govt of Kerala, and conducted by the Dept of CSE, Kottayam, from 21 Jan to 2 Feb.
- ◆ Mr Shiju George attended a workshop on "Institution Monitors" conducted by CAPART (Council for Advancement of People's Action and Rural Technology) at Parakulam, Adoor, on 13 & 14 March.
- ◆ Prof. Sandhya Ramakrishnan, HOD, attended *'Intellections-01'*, Computer Science Lecture Series organized by the Dept of CSE, CUSAT on 9 May.

Research & Development

Aby Thomas, Jibin Jacob, Christy Jacob and Cherry Ipe Cheriyan of S4 were awarded in "Innovation ideas unleashed (I²U) contest-2008", organized by ASCII club (R & D) for their proposal named *'Automatic Library'*.

Outreach Programmes

- ◆ Prof. Sandhya Ramakrishnan delivered a talk on "Careers in Information Technology" during the Career Fest organized by Yuva Deepthi, Kanjirappally, at AJCE and Ossanam English Medium School, Kattapana.
- ◆ Mr. Shiju George, participated in the mid-term Evaluation of the project "Roof Rain Water Harvesting" organised by the NGO, WE HELP, Manimala.

DEPT. OF MECHANICAL ENGINEERING

Quiz in Mechanical Engineering

A Quiz in Mechanical Engineering was conducted on 04 April with a tempting prize money of Rs. 750/- for the first place and Rs. 500/- for the second. It was a closely contested event with a variety of rounds viz, Cranking Round, Igniting Round, Rapid Fire & Logo Round. The Quiz Masters were Mr. Vijesh K (S6.) and Mr. Mathews Philip (S6). At a thrilling finish, the first prize was won by Blesson.V.Mathew & Rathish Ravindran of S8 and the second spot by Varghese Kurian & Vibin Varghese of S4.

Seminar on 'Career Openings in Merchant Navy'

A seminar on 'Career Openings in Merchant Navy' was conducted on 08 April. The resource person was Mr. S. Sandheesh, Personnel Officer, Samudra Institute of Maritime Studies, Cochin.



Moulding future mariners



Technical Aptitude Tests

A series of Technical Aptitude Tests (TAT) were conducted for students to brush up their subject knowledge.

The first in the series TAT 001 on Fluid Mechanics, Strength of Materials and Thermodynamics was held on 4 April. The toppers were (1) Sreeraj P.R (2) Arun J Kannampally and (3) Soji Joy & Rathish Ravindran

The second test in the series TAT 002 on Refrigeration and Air Conditioning & Heat and Mass Transfer was held on 23 April. The toppers were (1) Anish R. (2) Sreeraj P.R. (3) Jacob P Mathew

Farewell to the First batch (2004- '08) of the Dept
A warm farewell was accorded to the first batch of the department under the initiative of Third year students. The Principal and Prof. Tomy Joseph, HOD, graced the occasion with their presence.



Farewell to the first batch

Workshops and Staff Training

- ♦ Mr. Sherin Sam Jose attended a workshop 'Technoentrepreneurship' at Cochin on 17 May.
- ♦ Mr. Sherin Sam Jose participated in a DST sponsored entrepreneurship training programme at PSG Tech. Coimbatore 5 - 17 May.
- ♦ Mr. J. P. Ajith Kumar attended an AICTE sponsored training programme on the topic 'Composite Material Tech. and Emerging Applications' at Lourdes Matha College of Sciences & Tech, Trivandram from 26 May to 6 June.

New Laboratories

An advanced Metrology Lab is being erected in the newly constructed central complex.

Inventions by students

Mechanical Engineering students with lots of innovative ideas developed the following items as part of their final year project.

- 1) Remote controlled Screw Jack
- 2) Solar heat box
- 3) Cardamom Polishing Machine

DEPTS OF BASIC SCIENCES AND HUMANITIES

World Science Day Celebrations

The Depts of Basic Sciences and Humanities, conducted Science Day celebrations on 22 February. It was sponsored by the Kerala State Council for Science and Technology, Trivandrum. The function was inaugurated by Dr. Alan Dufresne, Professor, National Polytechnic Institute, Grenoble, France. The keynote address was delivered by Dr. Sabu Thomas, Professor, School of Chemical Sciences, M. G. University. The meeting was presided over by Fr. Jose Kannampuzha, Principal. Prof. Joy Cyriac, Dean, Academic, Rev. Dr. Mathew V. Chacko, Professor of Mathematics, Dr. Soney C. George, HOD, Basic Sciences and Eben Babu, Chairman, Students Council spoke, on the occasion.

An Interschool Science Quiz Competition was conducted the same day. It was inaugurated by Rev. Fr. Aji Athimootil, Manager. Vinayak Vinod & Vismaya Vinod, DV High School, Kumaranalloor, won the first prize, and Anoop Teejo Mathew & Safar V. M., St. Thomas HSS, Erumeli, the second prize and Anantha Padmanabhan & Anthrayose Ajith Chacko of MTS, the third spot.



Scientific rigour

A Painting Competition was held on 20 February on 'Our Planet Earth'. Jilt Sebastian, S1/S2, Paul Emil Johnson, S1/S2 and Vineetha Vijayan, S1/S2 secured the first, second and third prizes respectively.

A Debate Competition on 'Are the Developments of Science and Technology Hazardous to Earth?', was held for S1/S2 students on 22 Feb. The team comprising Naveen Paul & Bibin Manuel



bagged the first prize. Sheba Merin Baby & Reshmi Rose Joseph secured the second place.

World Maths Day Celebrations

We organized 'World Maths Day' celebrations, on 5 March. Rev. Fr. Aji Athimootil, Manager, inaugurated the function and Rev. Dr. Mathew V. Chacko, delivered the keynote address on 'Coding Theory'. Fr. Jose Kannampuzha, Principal and Prof. Joy Cyriac, Dean, Academic, spoke.



Encrypting the World

Journal Reviews And Publications

Dr. Soney C. George, HOD, Basic Sciences, published the following papers in international journals.

- ♦ 'Solvent free cyanosilylation of aldehydes catalyzed by SnI_2 ', Applied Organometallic Chemistry, 2001: 21 994-998.

- ♦ 'Cyanosilylation of Carbonayl Compounds Catalyzed by Potassium-L-Asparatic acid', Bull. Korean Chemical Soc. 2007, Vol. 28, No. 12, 2431, 2434.

Dr. Soney C. George, reviewed a manuscript entitled 'Oxygen and Carbon dioxide Transport through High barrier Polyester Blends' of Polymer Engineering Sciences, USA, on 26 May.

Project Proposal and Guidance

- ♦ Dr. Soney C. George, submitted a project proposal to KSCTE, under student project scheme on 13.02.2008.
- ♦ Dr. Soney C. George, guided three M Sc. Projects from S. D. College, Kanjirapally, in the field of 'Rubber-Clay Nanocomposites'.
- ♦ Rev. Dr. Mathew V. Chacko, gave guidance in research methodology using statistics, to nursing students of Mary Queen's Hospital, Kanjirapally.
- ♦ Mr. Bobby P. Mathew, Lecturer in Mathematics, guided two M. Sc. Projects of St. George College, Aruvithura, in 'Fractal Geometry' and 'Distributive Lattices'.

TALKS

Rev. Dr. Mathew V. Chacko, led a one-day orientation in 'Standard Use of English' to teachers of CMI Public School, Kozhikode, on 13 Apr. He also gave a talk on 'Value-based Education' at Savio School, Calicut, on 15 Apr.

PHYSICAL EDUCATION

Arena- 08

Amal Jyothi conducted ARENA-08, an All Kerala Inter Engg. College Basketball tournament during 7-10 March, 2008. Mr. Anvin Antony, national basketball player inaugurated the tournament. 16 teams from all over the state participated. The first prize consisting of a rolling trophy and Rs. 25000/- was won by Amal Jyothi. The second prize worth Rs. 10000/- went to Vimal Jyothi College of Engg., Chemperi, Kannur, and the third spot with Rs. 5000 to Rajagiri College of Engg. Cochin. Danet George, Amal Jyothi College of Engg was selected as the best player.

Sports And Games

Tournaments were held in the college in Volleyball and Football. S6 EEE and S8 ME bagged the first and second prizes respectively in Volleyball and in the Football competitions S6 ME and S8 EC-B secured the first and second prizes respectively.

NATIONAL SERVICE SCHEME

NSS of AJCE organized a 'Paristhithi Samrakshna Yathra' to Thenmala with 'Save Nature' as its theme. Around 40 students and 2 staff members participated in this programme.

Paper stickers carrying the message, that the use of plastic should be reduced to the minimum, were pasted at Palaruvi and Thenmala. We also arranged a seminar on the use of plastic and every member decided to reduce the usage of plastic. A boating session made the day all the more memorable.

PLACEMENT CELL

- ♦ The following companies came to the College for **campus placement** during the current semester.

TCS
SATYAM
KEANE
INDIAN NAVY
IBS
ACCENTURE

- ♦ Recently CTS has accredited AJCE for campus recruitment.
- ♦ Several students were selected in **off-campus recruitments** by companies like INFOSYS, L&T and SYNTEL.
- ♦ The Placement Cell organised 5-day **Aptitude Training Programmes** for the entire S7 and S5