

Chairman's Message

A.M.D.G.

I am happy to know that Sahrdaya College of Engineering and Technology, Kodakara is about to release the Bi-annual News letter. The beginning of a New Year exhorts us to be renewed, to learn from the foregone experiences and to start again. It imparts us new hopes. It demands us to build up a new style of life on the basis of the year passed by. We have to learn from the shortcomings of the past. Once you learn to construct life from the bad and good experiences of the past, your life will be successful. That is my wish and message for you. Let your life be blessed with every goodness and grace of the Lord so that it may be successful in 2007 as well as in the years to come. Be responsible to your duties and to your study. May God bless you.



James Pazhayattil
Bishop James Pazhayattil
Bishop of Irinjalakuda

ACADEMIC EVENTS

1. The Academic year 2006 was inaugurated on June 12th 2006 by Bishop Mar James Pazhayattil. Prof Ravindranath, MLA, presided over the function and Dr. Achyuth Shanker, Director, Bioinformatics Centre, Kerala University delivered the key note address. The Newsletter July 2006 was also released during the function.



Academic year
inauguration-2006-07



Release of Newsletter July 2006 by
Prof. Ravindranath, MLA

2. The students council for the year 2006' -07 was inaugurated on 19th July by Bishop Mar James Pazhayattil. This day also commemorated the 73rd Birthday of our Bishop Mar James Pazhayattil. The Student council was headed by Ms. Meera Sarah Jaiboy (7th Sem EC) as the Chairperson, and Mrs. Chris John (3rd CS) the General Secretary, Mr. Jeffin Rocky (5th Sem BT) the vice-chairman.

The other council members includes Ms. Chinnu Sara (5th Sem BM) Arts Secretary, Ms. Aswathy (5th Sem BM) Student Editor, Ms. Priyanka Gowrishanker (5th Sem BT) the Sports Secretary. The student council was supported and helped for their various activities by the Staff advisor to the Students Council Dr. Ambili. M. Sr. Lecturer. BT Department



Student council 2006'- 07 Inauguration which also commemorated B' day celebrations of Bishop Mar James Pazhayattil.



Student council members

3. On 9th October, 1&2 Semester classes of 2006 batch was inaugurated by our Chairman Bishop Mar James Pazhayattil. Rt. Rev. Msgr Vincent Alappat delivered a message to the new batch of Sahrdayans.

The four departments conducted separate Fresher's day to their respective new batch of students. e-MAGE on 9th, ACES on 10th, EBSA on 11th, and BEATS on 12th of October.



Inauguration of 2006 batch

4. On 16th October, National Service Scheme unit observed "Anti Poverty day" with a poster presentation competition. NSS volunteers collected Rs. 9665/- as monetary and stationary donation from staff and students and distributed study kit to 154 poor students of Govt. Girls High School Kodakara and Govt. L.P. School, Puliparakunnu.

5. Jesus youth of Sahrdaya College of Engineering & Technology conducted "KAIROS '06" a 5 Day retreat from 20th to 24th October 2006 in the campus.

6. The students of fifth and seventh semesters went on study tour for about one week during 28th June 2006 to 2nd July 2006 and 1st July 2006 to 7th July 2006 respectively.



"KAIROS '06

7. On 16th August, an orientation course for newly joined faculties was conducted by Rev. Dr. Joy Nellissery and Adv. Kunjipalu. This followed an orientation class to college students council members and other office bearers on August 17th.

8. On 23rd August, NSS unit organized an Essay writing and Elocution competition in connection with National Integrity week.

9. On 26th August, staff of Sahrdaya went for tour to Cherai beach and boating at Ernakulam Backwaters.

10. On September 11, 2006 orientation classes to 2006 batch students in communication English started.

11. On 28th October, Talents Day was conducted for 1&2 Semester students.



Talents Day Inauguration



Beats - Overall winners

Executive Director Fr. Varghese Pathadan inaugurated the event. Beats has bagged 1st Prize for overall Performance.

12. The fourth and sixth semester students exhibited their project works on 25th August. On 12th September Best project awards distributed. The Award was a cash prize of Rs. 1000/-. The following projects were adjudged as the best.

1. IV BM - Juliet Jaison Vargese, Merin Jose, Joyce Joy, Nimi M A - Project title - "Digital Pedometer"
2. IV BT - Geo Joy, Soumya M V, Mithil K, Geethu K G, Navya Thomas - Project title - "Production of Biolurvare using *Bacillithuringanis*"
3. IV CS - Anish John, Sushil U S, Cerin Thilakan, Ajith Peter - Project title - "Cool Talk"
4. IV EC - Maxvin P M, Vineesh P V, Binu C Jose, Krishna C S, Remya R - Project title - "Infra red Object Counter"
5. VI BM - Tonson Louis, Aboobacker P, Riju D Kunnath, Sooraj John, Abdul Rasheed P - Project title - "Artificial Limbs Controller".
6. VI BT - Ashwin Davis, Anitha A, Maya P T, Sini Pankajakshan - Project title - "Extraction and Purification of Stevioside from *Stevia*".
7. VI CS - Benson V Francis, Mohanachandran, Simna Khader, SarathRag, Vineetha Thomas - Project title on "Office Automation with Finger Print Technologies"
8. VI EC - Malini S Menon, Hima K R, Sruthy Satheesh, Suraj K, Tony Rapheal - Project title - "Automatic Vehicle Identification System".

13. On 14th September, National Service Scheme volunteers visited Old Age Home at Mothirakanni. They cleaned the home and its surroundings and distributed gifts to the inmates.

14. National Service Scheme unit was inaugurated on September 22nd by Prof.S.K.Mo han, Director of Technical Education, Govt of Kerala.



Inauguration of NSS unit

15. On 2nd of October, National Service Scheme unit volunteers cleaned the public road leading to the college in connection with Sevanavaram. The service was continued for 3 days. As a part of "Clean Kerala Mission", all the staff and students of our college cleaned the campus.



Sevanavaram

16. National Service Scheme unit volunteers conducted a twoday Nature Camp at

Parambikulam wild life sanctuary with trekking ,removal of plastic wastes and classes on " Nature and Wild Life Conservation".

17. On 16th of December 4th BM students visited Robotic Show at FISAT,Mookkannoor.

RESULTS

The 2005 Batch students proved themselves with flying colours in their 1&2 semester University Examinations.

Results of 1&2 semester (2005 Batch)

EC	-	61.6
CS	-	43.33
BM	-	53.3
BT	-	86.2

The Toppers of the Branches were



Arya Madhusoodhanan
EC - 82.9%



Judie Johny
CS-78.5%



Sahla Ali
BM - 84.9%



Shabana Aboobacker
BT - 83.5%

LIST OF TRAINING PROGRAMMES & SEMINARS ATTENDED BY STAFF MEMBERS

1. On 23rd December Dr A N Chandran, Professor, BT Dept. attended a workshop on NBA Accreditation at SCMS, Kalamassery
2. Mr.Leon Ittiachen, Asst Professor, BT Dept, attended the 36th ISTE Convention and National seminar at Sri Bannari Amman Institute of Technology, Sathyamangalam, Tamilnadu and presented a paper on Impact of the WTO agreements on Technical research.
3. On December 12th Mr Swapnakumar, HOD, CS Department and Mr.Sankaranarayanan, Lecturer Adhoc of the CS Department attended a 2 day workshop on Open Source and IBM software at CUSAT.
4. Mr. Jackson Paul, Lecturer in physical education attended a two day training programme on "Network with local self governments " on 12th & 13th of December at KILA, Thrissur.
5. On 2nd of December Dr. B.Santhanaraj. Prof, Dept of BM attended a National Workshop on " Nanomaterial Properties and applications " at N.I.T. Tirichinappalli.
6. On 13th November, Mr.A. Sivasubramanian, Lecturer in Electrical Engineering, attended AICTE sponsored staff training programme at MEPCO Engineering College Sivakasi on "Recent Trends in FACTS controllers and their applications in Power Systems".
7. On 25th October Mr.Arunachalaperumal, Asst.Professor in Electronics and Communication attended a 2 day workshop on " Wired and Wireless Optical Communication Network " at Sri Bannari Amman Institute of Technology , Sathyamangalam.
8. On 18th October Mr. Satheesh Monikandan Asst.Professor in Electronics and Communication attended a short term course on "Advance in Networking and Communication" at Manakula Vinayaka Engg. College, Pondichery.
9. Mr. Jackson Paul, attended a 10 day training Program on "National Service scheme Program officers training course" at Rajagiri College of Social Science Kalamassery, from 19th - 27th July 2006.
10. On 7th November Mr.Arunachalaperumal, Asst.Professor of EC Dept. attended National conference on "Virtual Instrumentation" organized by National Instruments LTD, Bangalore.
11. On 17th -21st of July Mr. Rajiv Mohan David, Asst.Professor, EC Dept. attended a QIP Short term course on "Organic Electronics" at Indian Institute of Technology, Kanpur.

EXTERNAL SEMINARS & TALKS

1. On 31st October , 2006 Dr. B.R.Shanker, Prof in Dept of Mathematics and Computational Sciences NIT, Suralkal delivered a series of seminar on "Number theory and Cryptography" for Computer Science Students.
2. A short term practical orientation course in Java Programming was conducted by Mindware Software P Ltd Bangalore for EC & CS students. Practical orientation short term course in "Embedded Engineering" was conducted by OCL Informatics Kochi.

3. On 24th August a team from IFCR (Inter-Ed Faculty of Clinical Research) Cochin conducted a one day technical workshop on clinical research.

4. On 12th August Dr. Rajan Varghese, consultant for NBA Accreditation delivered a talk on "Technology in higher education" to the teaching staff.



One day technical workshop by IFCR Cochin

5. On 5th August, Mr. Santhosh Sridharan, MD, California Softwares USA, delivered a talk on Entrepreneurial experience in IT Industry as a part of EDP club activity.

NEW FACULTIES

The following are the new members of the Sahrdayan family

1. Mr Vinob Chander ., MTech, Senior Scale Lecturer – Computer Science Department.
2. Mr Aljo Jose ., BTech ,Lecturer Adhoc - Computer Science Department.
3. Mr.P N Sankaranarayanan., BTech ,Lecturer Adhoc - Computer Science Department.
4. Ms Susan Zachariah., BTech ,Lecturer Adhoc - Computer Science Department.
5. Ms Sonia Roland., BTech ,Lecturer Adhoc - Computer Science Department.
6. Mr S Swapnakumar., MTech, Senior Scale Lecturer – Computer Science Department.
7. Mrs Anuja Elsa Sebastian ., MTech, Lecturer – Electronics and Communication Department.
8. Ms Ninu Chacko., BTech ,Lecturer Adhoc - Electronics and Communication Department.
9. Ms Rekha M., BTech ,Lecturer Adhoc - Electronics and Communication Department.
10. Ms Betsy Babu., BTech ,Lecturer Adhoc - Electronics and Communication Department.
11. Ms Jisha David., BTech ,Lecturer Adhoc - Electronics and Communication Department.
12. Mr K Palani Samy., MTech, Senior Scale Lecturer – Electronics and Communication Department.
13. Mr.S R Krishnan., MTech, Lecturer – Computer Science Department.
14. Mr Prasanth V S ., BTech ,Lecturer Adhoc - Computer Science Department.
15. Ms Hridya P S ., BTech ,Lecturer Adhoc – Biotechnology Department.
16. Ms Alwin Thomas ., BTech ,Lecturer Adhoc – Biotechnology Department.

ASSOCIATION ACTIVITIES

ACES (COMPUTER SCIENCE DEPARTMENT)

1. On 17th July ACES organized a seminar on Java Technologies. Mr. Bhavan, Focus InfoTech Cochin delivered a lecture on "Recent Developments in Java Technology".
2. On 25th August, ACES organized an intercollegiate technical competition, "ASTRA ENCORE", the photographic exhibition focused on history of Computers. The chief guest was Mr. John Thomas, General Manager BSNL, Cochin.
3. On 14th October, 7th CS students organized social service work by planting trees at Kodaly Forest area.
4. On 10th of November ACES conducted a 2 day technical symposium- "PIXELS-06" and a Software exhibition. Technical competition like Paper presentation, Quiz, and Software debugging are also conducted.
5. On 23rd November ACES arranged a technical seminar on "Projects in new generation Technology" by IDEONICS, Cochin.
6. On 20th November, ACES in association with the Leading Malayalam TV channel association organized a technical concert-

INSPIRE 2.6. It included Live Broadcast ing, Video editing & News reading. The Program was Inaugurated by Mr.P.J.JACOB, DGM, IT Division Manager SIB, Ernakulam. The second day included Technical seminars on Ethical hacking by Mr. Joseph Kodyil, Live CD creation by Sarath Lakshmanan and Linux by Mr. Pramod. The Chief guest for the function was Dr. Babu Sunder, from CUSAT.



INSPIRE 2.6.

EBSA (BIOMEDICAL DEPARTMENT)

1. On 14th June EBSA organized a seminar on Radiographic equipments by Dr Thirunavukarasu from Annamalai University, Chidambaram.
2. On 22nd September, a two day training programme on MAT LAB was organized by EBSA. Dr. Sathish Kumar , GEC, Calicut and Dr. B. Jayanand, GEC, Thrissur trained the students on "Real Time Mat Lab Programming".
3. On 20th October "Aardhra", a one day exhibition and technical competition on Milestones in Medical Equipments, was conducted.
4. On 14th November Mr. George Joseph, Managing Director (Retd) Siemens India Ltd delivered a talk on "Radiographic Equipments" .
5. On 17th November, EBSA organized a seminar on "Tele Medicine" by Mr Jaspal Singh, CDAC, Chandigarh
6. On November 24th, EBSA arranged a technical seminar on CT-Scan by Mr Sanjay David, Sr Manager (Marketing), Siemens India Ltd.
7. On 9th November, 2006 Seventh Semester BM Students have undergone one day training at Amala Hospital, Thrissur,



a technical seminar by Mr Sanjay David

BEATS (BIOTECHNOLOGY DEPARTMENT)

1. On 15th October the Biotechnology Dept successfully organized "BT- For the People" jointly conducted by BEATS & National Service Scheme unit with free medical camp, training classes in Mushroom cultivation, free water sample testing, Blood testing, general medical check ups etc in the village of Thessery near Chalakudy
2. BioVision - 2006, an International Symposium on "Biotechnology for Health Care"



BioVision - 2006

conducted jointly by BEATS and EBSA at Hotel Trichur Towers on 16th -18th November. The three day symposium was inaugurated by Dr. Mohandas, Director of Sree Chithira Tirunal Institute of Medical Sciences , Thiruvananthapuram. The function was presided by Rev. Msgr. Vincent Alappat, President of Irinjilakuda Diocesan Educational Trust. The meeting included lectures on health care by eminent national and international speakers in the field of Biotechnology and Biomedical engineering. The eminent speakers included Dr. Stephan Winter from Germany, Dr. Madan Thangavelu from London, Dr. Somanesan from Singapore, Dr. Balanagarajan from Adayar Cancer Institute Chennai, Dr. Sudhakaran from Kerala University, Dr. Archana Ayogiri from Sanjay Gandhi Institute of Medical Science Lucknow and Dr. Niyaz Ahamed from Center for finger printing Analysis Hyderabad. There was a cultural fiesta by the students.

3. On 28th of November BEATS organized a technical seminar on "Molecular Breeding of Trees" by Dr Balasundaram, HOD, BT Dept, KFRI, Peechi.

e-MAGE (ELECTRONICS & COMMUNICATION DEPARTMENT)

1. On 19th August ,e-MAGE organized a seminar on Embedded systems by

Joby.K.Paul, Technical manager, IDEONICS systems, Cochin.

2. On 5th & 6th of October, e-image conducted an Intra collegiate symposium and National level technical seminar – Genesis '06.

Dr. Panicker, Principal, FISAT and Mr S.J.Sukumar



Thrissur District Collector Dr.Beena IAS addressing the students

CIT Coimbatore presented papers on "Real Time Systems" Dr.Beena IAS, Thrissur District Collector, was the chief guest for the concluding ceremony and gave a Lecture on "Emerging Aspects of Indian Administrative Service".

ACHIEVEMENTS

1. On 29th September, ATM of South Indian Bank inaugurated by Rt. Rev. Msgr. Jose Kavunkal.

2. Executive Director Rev. Fr. Varghese Pathadan received Rotary Award for Best Educationalist for the year 2006, by Rotary Club, Chalakudy on 31st of October.



Inauguration of ATM at the college

3. On December 9th, Judie Johny of 3rd semester CS, secured 3rd Prize in "All Kerala Speech Competition" conducted by Fr. Vadakkan Memorial Charitable Trust, Thrissur.

4. On December 1st, Nevin Jacob Koshy of 7th BT secured 1st position & a cash award of Rs. 1500/- for paper presentation conducted at MET'S Engineering College, Mala.

5. Vipin Varghese of 7th EC won the 1st Prize for the Paper Presentation at FISAT, on 25th of November.

6. On December 2nd, College Cricket Team won the Runner up trophy in PECSAGA Inter Collegiate tournament held at Vidya Engineering College, Thrissur.

7. Joyce Joy and Jinu Thomas, Reshma Rapheal and Divya Thomas of Biomedical Department won the 2nd and 3rd prize respectively in the paper presentation conducted at Jyothi Engg. College, Thrissur on 23rd of November.

8. On 30th October Jinu Thomas and Tina Vincent De Paul of 5th BM, won 3rd prize in Paper presentation conducted at Mar Athanasious College, Kothamangalam.

9. On 19th October Mr. Martin Thomas and Mohammed Aslam of 7th CS won 1st Prize in paper presentation conducted by SUN Engineering College, Nagarcoil.

10. On 14th July Sahrdaya college of Engineering and technology has got sanction for starting NSS Technical cell unit, order No.164/NSS/NU/2006-07 dated 14/07/06.

11. On 26th of September, Table Tennis women team of our College won the runner up trophy in the Calicut University Inter Zone Table Tennis Women Tournament.

12. On 28th September, Mr. Sidharth.K of 5th BT and Annmary Alengadan of 1&2 CS represented Calicut University Table Tennis Team and participated in the Interuniversity Competitions at Vellore.

13. On 12th Binu.C.Jose and Reshma Roges won 3rd prize in paper presentation QUINT ESSENCE -06 conducted at G.E.C., Thrissur.

14. On 3rd of October Judie Johny of 3rd CS won the 2nd prize in the Elocution competition for Engineering College students conducted by Dept. of forest and life, Govt. of Kerala

15. On 29th of September, our college was selected as an approved testing center by Kerala State pollution control board for testing of water and waste water. (LIC No. PCB/LAB/42/2006 dated 12/09/2006).

16. On 16th August BM student project was adjudged as the best project in the All India Engineering college student project competition conducted by Degree control INC-USA, at Thiruvananthapuram. The prize constituted a cash prize of rupees 1 lakh and a shield. The team members included Mr. Nazeeb Nizamuddin, Mr. Luke Tom, Mr. Ayyappan, Mr. Akhil Raj, and Mr. Edward Denny. The project was undertaken under the leadership of Mr. Sherikh, Lecturer in BM Dept.



Best project selected by Degree control INC - USA, at Thiruvananthapuram .

17. BT students received R&D project grant of Rs.60,000/- from Institution of Engineers ,India. Guide :- Mr. Leon Ittiachen, Group Members :- Mr. Tojo James, Mr. Aby Jose, Mr. Anoopraj, Mr. Ashwin Davies, Mr. Shine Sebastian. Project titled "Effect of preservatives in Ayurvedic Medicines".

CELEBRATIONS

1. On 24th August Onam was celebrated in the college campus. This included various Cultural competitions like "pookalam" and various other programmes by the students and staff.

2. On 2nd of October, celebrated the Birthday of our Executive Director, Rev. Fr. Varghese Pathadan

3. Christmas was once again celebrated saretly at sahrdaya. The students had their celebrations on 18th of December. This followed the Christmas celebrations by the Staff members on 23rd of December. Bishop Mar



Christmas celebrations

James Pazhayattil presided over the function. The events included cake cutting, distribution of gifts to all the members of Sahrdaya, Cultural Programmes, games and a delicious lunch.

PLACEMENT AND RECRUITMENT

Splendid performance in placements were exhibited by 2006 & 2007 pass out students by bagging 50 placements in Wipro , Kanbay , Sathyam Computers, Accenture, I - gate, L&T Infotech , Xtreme Soft Solutions , Trivandrum & Cognizant Technology Solutions , Mumbai from the respective branches of Engineering . Now the total number of students who got placements in various companies have risen to 200.

FACULTY DEVELOPMENT PROGRAMME

Teaching through learning and then learning through teaching is part of the continuous enrichment process for any teacher. It is with this noble aim that the management decided to have a Faculty Development Programme conducted from 28th to 30th of December.



Inauguration of Faculty Development Programme

Our Vision : " To train the youth to be the leaders of tomorrow with apt skills, deep rooted sense of social responsibility, strong ethical values and with a global outlook to face the challenges of the changing world. "
Our Mission : " With a high calibre faculty and an excellent infrastructure, we promote academic excellence, absolute discipline and sound practical exposure. "

Managed by Catholic Diocese of Irinjalakuda Approved by AICTE, New Delhi & Affiliated to University of Calicut,

P.B. No. 17, Kodakara, Thrissur Dt., Kerala. Pin : 680 684 Phone: 91-480-2726630 (12 Lines) Fax: 91-480-2726634 E-mail: sahrdayam@sify.com, Website: www.sahrdaya.ac.in

Printed & Published by: Sahrdaya College of Engineering College, Kodakara, Thrissur. Executive Editors: Rev. Fr. Varghese Pathadan and Prof. K.T. Joseph
Edited by : Mr. Nixon Kuruvila, Lecturer in Mechanical Engineering Department. A Semestral News letter Printed at : Nirmala Offset Printers, Chalakudy.