



EDUCATION
IS
DEDICATION



SAHRDAYA NEWS & VIEWS



SAHRDAYA
COLLEGE OF ENGINEERING & TECHNOLOGY

BOOK - 2

VOLUME-2

JULY 2005

Chairman's Message

A.M.D.G.

Very happy to know that Sahrdaya College of Engineering and Technology, Kodakara is to release its Semestral Newsletter. Wish and pray that this becomes a sign and symbol of the grand success in academic performance and in extracurricular activities. Though the College is already known to the public, as the first batch comes out next year, its results should be glorious in every respect. For this let each one, some way or other, connected with the institution, play his/her part most earnestly and wholeheartedly.

Nowadays value-education system is highly insisted upon. The skills and talents of the students are to be cultivated and fostered. The personality-development is to be aimed at and achieved. By all means facilities and faculties are therefore to be provided. By prayer special Blessings from above and by hard work of the staff and the students the objectives are to be realized. Of course the students should have the job-opportunities and the placement-possibilities. Special attention is to be paid in all these aspects.

"Trust in Divine Providence and go ahead in all confidence. Do your best and leave to God the rest; please, ever remain graceful and grateful both before God and the society at large". These words are meaningful and thought-provoking. Cardinal Newman speaks of three D's for success, namely decision, determination and dedication.



May I wish all success to the Semestral Newsletter and great satisfaction for all in the functioning of the College. I am grateful to one and all for the contribution to make this college one of the best in the state.

James Pazhayattil

Bishop James Pazhayattil
Bishop of Irinjalakuda

Heartly Welcome to our New Manager



Rt. Rev. Msgr. Jose Kavunkal
(President of IDET & VG of Irinjalakuda Diocese)

New Year Celebrations

Every new year day is a special occasion to learn from the mistakes and failures of the previous year and forget them to the point of no return. For us, its a day to be grateful for the many blessings from our eternal Lord for the previous year and prayerful wait for the gifts in store make ardent. On January 1, the staff and students celebrated New Year in our college premises.

Feast Day of Sacred Heart

Feast day of Sacred Heart of Jesus has a special relevance in our hearts, considering

the very fact that the college is named in the living memory of Jesus Christ. The day reminds us the eternal truth that, only what we have done for Lords reward would stand the test of times. June 3rd was celebrated as the feast day of sacred heart of Jesus in our college.

Inter collegiate competitions

Inter Collegiate Competition: Our college honours the concept of true sportsman spirit and takes all efforts in acknowledging the upcoming avenues in different branches of engineering. Students are always encouraged to attend paper presentation competition, quiz, sportsmeets etc. with this ethics. Following are the chronological order of prizes won by our students in various events.

- Ms. Manju T G, VI BM, won third prize in the Thrissur Dist. Yoga competition (Senior Girls Division)
- On January 29th, BT students participated in a paper presentation competition at Mohandas College of Engineering, Thiruvananthapuram. The participants were Subitha Balaram, Misha Mony, Renju George & Tinu Kuriachan.
- On March 8th students participated in paper presentation and quiz competition conducted at Sree Budha College of Technology, Pandalam and got prizes.
- Anish Chandrakumaran and Beffin Tom Philip of IVth BT won 1st prize (Rs. 2000/-) in quiz competition. Roy Raphael and Anoop G Nair of IVth BT got 2nd prize (Rs.1000/-).
- Sahrdaya achieved the distinction of entering five championship finals out of six, stamping an authority in three and being the runners up in two in the "PECSAG 2005".
 - Volleyball Men** - Sahrdaya was the winner against Vidya academy of Science & Tech, Thalakkottukara.
 - Shuttle Badminton Women** - Sahrdaya defeated Jyothi Engg College in the finals.
 - Table Tennis Women** - Sahrdaya was the Winner against METS Engg. College, Mala in the finals.
 - Football Men** - With the added pleasure of being the hosts, Sahrdayans in the finals and finished as the runners up.
 - Shuttle Badminton Men** - Sahrdaya finished as the runners up in the PECSAG 2005.
- Deepthi Jojo, Anu Hanish of VIth BT won first prize in paper presentation competition conducted at Government Engineering College Thrissur. Aneesh chandrakumanran and Nevin Jacob of IVth BT won the second prize for the same.
- Harinarayanan and Minu Moosa of IVth BT won first prize in the National level Paper Presentation Contest conducted at Government Engineering College Calicut.
- Ajith .T Antony and Anto Jacob of VIth CS won second prize in paper presentation conducted at Vidhya Academy of Science and Technology, Thrissur
- On 17th May, in the Quiz Competition conducted at Jyothi Engineering College, Dipu K Bose of IVth BM and Jeffin Rockey of 1 & 2 BT won the first prize.
- Aneesh Chandrakumaran and Nevin Jacob Koshy of IVth BT won first prize in the paper presentation in the National Symposium organized by RV College of Engineering and Technology, Bangalore.



Volleyball Team



Industry Institute Interaction cell (III cell)

From various cultures, lands and traditions do they come; at the end of four years, a way for decent, without much hassles living is what every student aspires. Towards helping them to reach their much cherished dreams an active Industry Institute Interaction cell has been started. The primary aim of this cell is to spread the label of survey which in turn facilitates campus placements. Eminent Industrial experts from various areas of engineering come for seminars and workshop, each time reminding the student that the outside world is not as tolerant as an engineering college and that the tentacles of engineering and technology is spread far and wide, much beyond the scope of text book and lecturers. Amongst the many activities of III cell the feasibility of academic programmes in collaboration with foreign universities are being studied. Mr. Santharam Rao PCRO have structured and implemented the following placement programmes, study tour, industrial visits and seminars as the part of III cell. The chronological order of events from the logbooks of III cell are as follows.

1. A common placement test (CPT) was conducted by national technology foundation, Hyderabad for VIth EC and C.S. students on June 12th 2005. The list of Participating companies are 1. Satyam Computer Service Ltd., 2. Wipro Ltd., 3. Cognizant Technology Solution Ltd., 4. Siera Atlantic Inc., 5. Kshema Technologies, 6. L&T Infotech, 7. Mahindra British Telecom, 8. Masteic India, 9. Polaris Software, 10. Flex Solution, 11. Laser Software, 12. Nest Information Technologies, 13. Trilogy, 14. Zensal Technologies.
2. To enhance the observatory and practical skills an industrial visit cum seminar session on HACCP (Hazard Analysis and Critical Control Point) was conducted at Hindustan Lever Ltd., Aror (Marine Division) and at National Sea foods, Kochi.
3. A Study tour was conducted to Kochi Refineries Ltd., for VIth BT students to study about an Effluent treatment Plant.
4. Students attended Entrepreneurship Interaction Meeting on February 24th, at Avenue Centre, Kochi.
5. A specialised practical training in every month on repair and servicing of bio-medical equipments is given by Mr. M.P. Mathew BE, MLT (MLT USA) Director of Medtronix Company.
6. On January 29th, Mr. Nilesh Shah, Vice President of Metropolies group of companies Mumbai visited the College.
7. Mr. K K Unni, MD of Bilag Industries (P) Ltd. visited the Sahrdaya and conducted a Seminar on role of a BT Engineer in an Agro Chemical Industry and modern trends in the field of Biotechnology.



Inauguration of Bio-Informatics Training Session

8. Top management officials Mr. Vijaykumar, Senior Manager from HLL, Mr. Krishnaswami, Senior Scientist and Mr. Davis, General Manager from CAL visited Sahrdaya on 29th April 2005 for the purpose of placement.

9. Dr. George Thottappilly former HOD, I I T A (Nigeria) visited our college and took charge as advisor of Biotechnology Department.

10. On 2nd May, delegates from Italy and Austria visited us and delivered a talk on Environment and Intercultural relations.

Entrepreneurship Development Club:

To enhance the entrepreneurship development skills in technical youth, Kerala State Industrial Development Corporation selected Sahrdaya College of Engineering and Technology to commence entrepreneurship development club. K.S.I.D.C. has granted Rs.12000 to conduct various entrepreneurship development activities in the current academic year. 108 students from various branches have enrolled in the ED Club.

External talks and visits

1. On January 28th, Director of Industries and Commerce (Govt. of Kerala), Mr. Mohandas addressed the students about self employment.
2. Sri P K Kurian Executive (HR) of VKL Spices Pvt Ltd conducted a Seminar on "Role of a BT engineer in a food process industry" for IVth & VIth BT students.
3. On January 12th, a team of professors visited our college from Murdoch University, Australia, for discussions on 'Conduct of Collaborative Programs'.

AICTE Visit

On February 7th, inspection team from AICTE New Delhi, visited our college. The AICTE Team was impressed by the infra structure facilities used for modernised training and academic style of functioning of our college.

Sahrdaya Attains CII (Confederation of Indian Industries) membership

Mr. Santharam Rao PCRO took initiative and active involvement to get the institutional membership of confederation of Indian Industry. Sahrdaya College of Engineering and technology is affiliated as the institutional member of CII.

Special Events

1. On Jan 10th, the foundation stone for the waste water treatment plant was laid by Bishop Mar James Pazhayattil
2. A herbal garden and a DNA model which earmarks the biomedical and biotechnology department was inaugurated by our Executive Director Fr. Varghese Pathadan on January 18th.
3. On February 5th, welcome ceremony to our new president Msgr. Jose Kavunkal, Vicar General of Irinjalakuda Diocese, celebrated his Birth Day on the occasion.
4. On March 5th, welcome to Mr. P H Kurian IAS, IT Secretary to Govt. of Kerala.
5. A retreat for Christian students, "PENIEL" conducted in our College on March 12th

Sports Day:

"Who ran the fastest?." "Who Jumped the highest?" "Who threw the farthest?" were the questions buzzing around the campus. When the swifter and mightier came out of their shells to give surprizing answers to this questions. Even faculties were't spared from the enthusiasm and fighting spirit of the races. Santhosh Trophy Kerala Foot ball Team coach Mr. Peethambaran inaugurated the event. The Winners of various games were awarded prizes on the same day. The Sports day was conducted on March 14th.



Flag hoisting of Annual Sports Meet

BEATS Association showed their supremacy in Inter Association Games and Annual Sports Meet and became overall champion in both. EBSA Association became overall runners. Annual Sports Meet Charles John Tharakan of EBSA emerged individual men Champion and Juno Catherine of e-mage bagged the women individual champion.

College Day and Arts Day:

In a rather disciplined backdrop and static village environment, college day and arts day are mega

Mens Champion



Charls John
IVth BM

Womens Champion



Juno Catherine
I & II EC



EDUCATION IS DEDICATION



events when the introverts, extroverts and the ambiverts share a common platform to exhibit the honed talents and skills. The colour and fervor of these celebrations which breaks the usual Sahrdaya cycle of lecturers and labs reinforces the spirit of cooperation and builds many a fraternal bonds. Arts day was conducted on March 16 & 17. Ms. Jyoltsna, renowned play back singer inaugurated the events of Arts day. The College Day which would be remembered in student hearts for many years to come was celebrated on March 17th. Bishop Mar James Pazhayattil inaugurated the function.



Inauguration of Arts Day



Inauguration of College Day Celebrations by Bishop Mar James Pazhayattil

In Arts day the following talented youth who exhibited their dynamic artistic caliber were selected as Kalaprabhitha, Kalathilakam, Sargaprabidha and Sargathilakam.

The e-mage bagged the overall performance championship exhibiting their leadership all the way through outstanding participation in Arts day.



The inter-collegiate football tournament christened "Sahrdaya Sports and Games Association" was organized from 29th March to 31st to promote the message of true sportsmanship. Bishop Mar James Pazhayattil inaugurated the tournament.

Career guidance program

A career guidance program was conducted on 7th May for the students aspiring for engineering courses. Function was inaugurated by Rt. Rev. Msgr. Jose Kavunkal.

Higher studies

- 1. Mr. Teji K.J., Lect. in Computer Science Engineering, registered for PhD under MGR Deemed University.
- 2. Mr. Sivasubramaniam A, Lect. In Electrical Engineering, registered for Ph D. under MGR Deemed University.
- 3. Mr. Jackson Paul V. lect. in Physical Education joined for part-time Ph D. in Physical Education under Annamalai University.

Scholarships

- 1. Mr. Abhilash Abraham of I&II BM received Malayalee Engineers Association North America scholarship of 100\$ per year.

- 2. BT project group received a project grand of Rs.10,000 /- from ANERT Govt. of Kerala (group members were Vipin Soman, Vinay Babu, Sudha Menon & Renju George.)
- 3. Shidhin C. R of IVth EC selected for a scholarship by Kerala State Backward Class Development Corporation Limited.

- 4. BT project group received a project grand of Rs.10,000 /- from ANERT Govt. of Kerala (group members were Vipin Soman, Vinay Babu, Sudha Menon & Renju George.)

Overseas Visits

On February 10th Executive Director Fr. Varghese Pathadan visited middle east to attend UAE Medical Exhibition.

Results of University Exam:

The many sacrifices pains and enthusiasm of toppers in the IVth Semester university exams of the first batch were honored by the executive director. **The Toppers**

Best Student of the year 2004-'05

In the College after a rigorous selection procedure Aneesh Chandrakumaran of IVth semester BT won the best student of the year Award for 2004-05' and Awarded a Diamond Ring Sponsored by M/s. Sunny Diamonds Chalakudy.

NEWLY JOINED FACULTY MEMBERS

- 1. Dr. A.N.Chandran M.Tech,Ph.D joined as Professor in BT Department.
- 2. Mr. Rajiv Mohan, M.Tech; MBA, (PhD) joined as Asst.Professor in EC Department.

- 3. Mr. Arunachalaperumal, M.Tech, MBA, joined as a Senior Lecturer in EC Department.
- 4. Ms. Subashini M.Tech, joined as a Senior Lecturer in CS Department.
- 5. Mr. Juliet Anto, M.Tech, joined as a Lecturer in CS Department.
- 6. Miss. D. ... M.Tech, ... Lecturer in EC Department.
- 7. Ms. Reshma ... B.Tech, ... Instructor in BM Department.
- 8. Ms. ... B.Tech, ... Instructor in BM Department.
- 9. Ms. Reshma Jose B.Tech, joined as an Instructor in BM Department.
- 10. Mr. ... ch, joined as an Instructor in CS Department.
- 11. Mr. ... h, joined as an Instructor in CS Department.



LIST OF TRAINING PROGRAMME & SEMINAR ATTENDED BY STAFF MEMBERS

- 1. Dr. Sudha George Valavi, Lecturer in Chemistry Dept. attended a Seminar on "Spectroscopy" conducted at St. Joseph's College, Irinjalakuda.
- 2. Mr. Sivasubramaniam, Lecturer in Electrical Engg. attended STTP on "Web Technology" conducted at Engineering College, Sivakasi and also attended refresher course on "Electrical Safety and Maintenance" at Annamalai University.
- 3. Mr. K.J. Teji, Lecturer in Computer Science Engg. attended Seminar on "Data Base Management System" at Technopark, Trivandrum.
- 4. Dr. Santharaj, Asst. Prof. of Biomedical Dept. & Smitha Karunan of Computer Science Dept. attended the 15th Annual Convention of ISTE.
- 5. Mr. Cijo C. James, Lecturer in Biotechnology Engg. attended National Seminar on B.T. at M.A. College, Ramapuram.
- 6. Miss. Rehna K. Rathnan, Instructor in Biotechnology Dept. attended Seminar on "Recent Trends in Molecular Biology and Bioprocess Engineering" organised by Lab Mats Instruments, Coimbatore.
- 7. Mr. Santharam Rao, PCRO visited the Hindu Job Fair conducted at Coimbatore, also attended a seminar on HR strategies in software firms conducted by CII on 27th May - 05'
- 8. Mr. Jackson Paul, Lect. in Physical Education presented a paper on Coronary Heart Disease risk factor and Physical activity in the National Seminar on Physical Education and Sports conducted at Dr. Sivanthi Aditanar College of Physical Education, Tiruchindur also he was Calicut University D-zone Convenor for Sports & Games 2004-05.
- 9. Mr. Jeshmon K. Thomas Lect. in EC Department attended a workshop on Electronic Design Automation & Simulation at East Point College of Engg. & Tech, Bangalore
- 10. Mr. Juliet Anto Lecturer in Computer Science Engg., & K. J. Teji, Lecturer in Computer Science Engg. participated in the Workshop on "Analysis & Design of Algorithm" organised at Technopark, Trivandrum.



Inauguration of Football Match



Inauguration of Career Guidance Program

11. On March 2nd, **Mr. Leon Ittiachan** Senior Lecturer in Biotechnology Engg. attended the State Level Sensitization Program at Thrissur.
12. **Mr. Nixon Kuruvila**, Lecturer in Mechanical Engg. attended one day National Seminar on Maintaining Quality and Relevance in Engg. Education : Issues and Challenges, organised by the ISTE chapter of St. Joseph's Engg. College, Palai.

TOPICS FOR GROUP DISCUSSION

To sharpen the interpersonal skills and to repress the fear amongst the students when asked to give a public address, a group discussion programme is being conducted on all Fridays. Total number of GD's conducted during the semester is numbered to 14. Some of the topics on which the students debated were "Should Goa be the permanent venue for International film festivals", "should censoring of film to be abolished or not", " Will the terrorists go down because of Bush's 2nd term", " Tsunami Disaster - The Government reaction and relief programs satisfactory or not" Discuss, " The military troop reduction in Jammu & Kashmir - will it bring relief to the people in Kashmir", "Banning of mobile phones, fashion shows and cinematic dance in college campus", "Central budget for the year 2005-06", " Is India well equipped to handle natural calamities"

"The free transport between India & Pakistan" will it reduce the border tension, "The hurdle to Indian economic prosperity is not over population, but corruption", "Brain drain from India has caused more harm than gain", "Should there be retirement age for politicians", " Speed governors on heavy vehicles", "Is India really shining".

Technical Seminars by Staff

Towards enriching the teaching traits and nourishing the inter disciplinary cognition of faculties in various upcoming technical areas we are conducting technical seminars in every week presented by teaching staff of various departments.

Departmental Activities

e-mage (Electronics Association)

The following seminars were organised, participating eminent personalities from industries.

1. Electronics and communication department organised a seminar inviting Dr. M.T. Sebastain NIT Calicut on the topic "Communication Security".
2. EC department conducted a seminar on Networking Security by Core technologies Irinjalakuda.

3. A Seminar on "Modern trends in staff selection criteria in industry" by NIIT Chennai was also conducted by e-mage.

The students also conducted seminars on weekly basis on modern technological advancements in the field of Electronics, Communication, Instrumentation and software.

ACES (Computer Association)

1. A seminar was organised by ACES on "Red Hat Linux and features" by Mr. Sasikumar Unni, Manager - Technical Learning Services, Redhat India Pvt. Ltd., Mumbai.
2. Another seminar was organised by ACES on "Virtual Class rooms" by Anoop M Paulose Asst. Manager Educational Initiatives, Everonn System India Limited, Chennai.
3. An external seminar was organised by ACES on "Embedded System Technology" by Mr. Tom Jacob HR Manager, FCI OCL Ltd., Cochin.
4. On 13th may, ACES conducted inter association technical event, 'PRIMUS' 05. Mr. V. P Joseph, General Manager, South Indian bank gave away the price for winners.

EBSA- (Biomedical Association)

1. The biomedical students of our college has visited St. James Hospital in the month of January 2005. They have been demonstrated various equipments such as Xray, Ultra sound, CT Scanner and many surgical equipments. The students also got exposure to the clinical practices adopted in the biochemical, pathological and orthopedic centres.

BEATS (Biotechnology Association)

1. A Seminar on Human Genome by Dr. Joseph Padayattil, former professor, IISC Bangalore on March 28.
2. Dr V.J. Paul gave a talk on drug addiction on the 24th of May.



Inauguration of "PRIMUS - 2005"

