

Prof. K. Sasikumar honoured with R. Shankar Award for Excellence 2011.

Prof. K. Sasikumar, Chairman of Sree Buddha Educational Foundation, Kollam, was awarded the prestigious R. Shankar Award 2011. The committee recognizes the yeoman services rendered by Professor Sasikumar in masterminding the establishment of more than half a dozen Educational Institutions in South Kerala.



Prof. K. Sasikumar receiving R. Shankar Award.

News from SBCE

ICRMM 2012

A two day international conference, ICRMM' 12, jointly organized by the Dept. of BT&BCE, SBCE and KSCSTE, Thiruvananthapuram was inaugurated on 23rd February, 2012 by Prof. V. N. Rajasekharan Pillai (The Honourable Executive Vice-President and Principal Secretary, Science and Technology Department, KSCSTE). The two day conference comprised of lectures, presentation of technical and research papers and posters by eminent personalities. International and national delegates comprising of academicians, research scholars, faculty members, PG and UG students participated in the conference. The conference brought together experts with varying perspectives from industry and academia to explore the recent developments in the field of molecular medicine.

Plenary lectures were given by Dr. C. Adithan (*Professor and Head, ICMR Centre for Advanced Research in Pharmacogenomics, Dept. of Pharmacology, JIPMER*), Dr. D. Karunakaran (*Professor,*

Dept. of Biotechnology, IITM, Chennai), Dr. Dhammika Magana-Arachchi (*Professor, Institute of Fundamental Studies, Sri Lanka*) and Dr. K. Sudesh Kumar (*Professor, University Sains Malaysia, Malaysia*). Dr. Annie John (*Scientist E, SIC Transmission Electron Microscopy Laboratory, SCTIMST, Trivandrum*), Dr. Min-Tze Liang (*Professor, University Sains Malaysia, Malaysia*), Dr. Lakshmi S. Nair (*University of Connecticut Health Center, USA*).

Dr. Min- Tze Liang (*Asso. Professor, University Sains Malaysia*) delivered the valedictory address.



Prof. Rajasekharan Pillai inaugurating ICRMM 2012.

Together for a better tomorrow

A Memorandum of Understanding was signed between Universiti Sains Malaysia and SBCE for collaborating and exploring opportunities to develop, support and enrich the development of research in the field of probiotics other health related areas. The agreement paves the way for student and staff exchange programmes for mutual benefit.

New M. Tech Programmes now at SBCE

SBCE is now offering M. Tech Programme in Computer Science and Engineering. Dr. V. Ajayakumar (*Principal, SBCEW*) inaugurated the M.Tech course in Computer Science and Engineering on October 23rd 2011.

A new M. Tech Programme in Mechanical Engineering with specialization in Computer Integrated Manufacturing (CIM) is also approved.

Two other PG programmes and 6 UG programmes are already under the hood.

New Central Computing Facility at SBCE

On August 20th 2011, a new State of the Art Central Computing Facility was inaugurated by Prof. K. Sasikumar (*Chairman, SBES*). The facility is well equipped with dedicated servers with server management programs and about 60 nodes, latest printers, scanners, CD/DVD writers, multimedia projectors etc. The lab serves as the backbone of the 4Mbps internet connection in the college.

VOICE 2K11

VOICE 2K11, the activities of CASTELLOS, the Association of Civil Engineering students of SBCE, for the academic year 2011-'12 was inaugurated on 20th December, 2011 by Er. James Wilson (Asst. Exec. Engineer - Civil, KSEB). Er. James Wilson specialized on Inter-State water disputes is associated with Mullaperiyar Special Cell of Government of Kerala.

The interactive session on 'Mullaperiyar - A Civil Engineers' Outlook' was interesting as well as informative.



Er. James Wilson inaugurating VOICE 2K11 at SBCE.

Beautification of Pandalam

Grama Panchayath of Pandalam and SBCE is working together on a project aiming at the beautification of Pandalam Town. The Department of Civil Engineering of SBCE is offering technical support for the project seeking a solution for the traffic congestion of Pandalam Junction.

TAKSHATI 2K12

Electronics Technocrats Association (ETA) presented the second edition of department technical saga, 'TAKSHATI' on 13th January, 2012. Mr. Rajeev Kumaraswamy (*Principal Research Engineer, Nest Technologies*) inaugurated the

function. A talk on 'Frontiers in computer vision' by the guest of honour was followed. Circuit Debugging, Wave wizardry, Video Presentation, Quiz etc. were also arranged.

DESTINO Release

The activities of ETA (*Dept. of ECE*) for the academic year 2011-'12, was inaugurated by Dr. B. Premlet (*AP, TKM College of Engineering*) on 5th August, 2011. A session on 'Role of EC Engineers to make power grid smart' was conducted and the guest of honour chaired the same. Dr. Somi Sebastian (*Principal, SBCE*) released the first volume of DESTINO, the department technical magazine.

ENVIO 2K11

The Dept. of BT&BCE inaugurated their students' association (BUDS) activities for the academic year 2011-12 on 7th of July 2011, in the Ashoka Auditorium of the College. Prof. T. R. Sreekrishnan (*Professor, BCE&BT, IIT Delhi*) inaugurated the function by lighting the lamp and addressed the gathering on the topic 'Sustainable development through Biotechnology and Bioprocess Engineering'. This was followed by a Lecture on 'Biotechnology for Environmental Protection' by Prof. T. R. Sreekrishnan.



Prof. T. R. Sreekrishnan inaugurating ENVIO 2K11.

Workshop on Ethical Hacking

A two-day workshop on Ethical Hacking by experts from Hash Solutions, Ernakulam, was conducted on 8th and 9th February 2012.

Training sessions on NetBeans

Training sessions on NetBeans was organized by Cyborg technical team for S5 B.Tech CSE students during the 1st week of October 2011.



Lecture on Image & Video Processing

An invited lecture by Dr. Philip Koshy, on Image & Video Processing, was organized by Cyborgs for M.Tech CSE students on 31st August 2011.

Lecture on Compiler Optimisation Techniques

An invited lecture on Compiler Optimisation Techniques by Mr. Subu Surendran (*AP-CSE, SCT, Thiruvananthapuram*) was organized by CYBORGS on 21st January 2012.

Seminar on 'Arduino'

Cyborgs organized a seminar on 'Arduino' on 26th August, 2011. Mr. Kenney Jacob (*CEO, Ayrurz Web Holdings and Co-founder of Mobme Wireless Solutions*). The session was followed by a demonstration of Arduino related projects.

MOMENT 2K11

The activities of MOMENT, the Departmental Association of Mechanical Engg. Students, for the academic year 2011-'12 was inaugurated by Er. T. K. Sreekumar (Dy. Gen. Manager, KEL, Kollam) on 23rd August, 2011 in the Ashoka auditorium. A technical talk on 'Quality Control' was conducted by the distinguished guest of the day.

NSS Special Camp

NSS special camp, conducted from 16th to 22nd of December 2011, was inaugurated by Dr. Somi Sebastian (*Principal, SBCE*). Socio Economic survey was undertaken by the volunteers in the adopted village with the help of Kudumbasree unit members. Women empowerment programme and seminars on 'Youth & Law' and HIV/AIDS were also organized. The volunteers cleaned main block, auditorium, canteen area and other places inside the campus and visited 'Emmanuel Bal Bhavan' (an orphanage).

Mr. Vishnu Surendran (*ME4*) and Ms. Lekshmi A. (*EC4*) were selected as the best Male volunteer and Female volunteer respectively.

Blood Donation Camp

As part of the National Blood Donation day (1st October), a blood donation camp was organized in SBCE. A team of doctors and assistants from Govt. Blood Bank, Kollam received blood from 51 students. An awareness class was also conducted along with the blood donation.

Seminar on 'Blood requirements for Diabetic Patients'

A Seminar on 'Blood requirements for Diabetic Patients' was held at Peet Memorial Training college Mavelikkara, under the auspices of Mavelikkara Diabetic Club, Cochin Kidney foundation and NSS unit of SBCE. Dr. Georgy K. Ninan (*Consultant Nephrologists*) and Dr. Susan Samuel (*Gynaecologist*) handled the sessions.

Anti Drug Awareness Campaign

Anti drug campaign organized in SBCE on 7th of July 2011 was inaugurated by Sri K.K. Sivadasan (Treasurer, SBES). Dr. L. R. Madhujan (Clinical Psychologist) delivered a special address on this occasion highlighting the after effects of drug addiction.

Legal literacy Programme

Mavelikkara Taluk Legal Services, KELSA and NSS unit of SBCE collectively organized a Legal literacy class focusing on 'Anti Ragging' for the 2nd year students. Keynote Address was given by Sri. G. Radhakrishnan (*Hon'ble Addl. District & Sessions Judge I, Chairman Taluk legal Services Committee, Mavelikkara.*). Session was conducted by Adv. T .O. Noushad.

New Conference Hall in SBCE

Dr. G. Sidharthan (*Former Registrar, University of Kerala*) inaugurated the new State of the Art Conference Hall in SBCE on 23rd November 2011. The hall is equipped with most modern audio visual facilities of international standards.

Training and Placement Cell

The Human Resources Department of SBCE is conducting an in-house training programme for both odd and even semesters in order to help students to achieve placement in various reputed companies. The Training Cell mainly deals with Quantitative Aptitude and Communicative Skills. Every week one hour is devoted for each class. Training starts from the 3rd Semester onwards.

Eighty three students have been placed in various companies including Infosys, US Technologies, Nest Technologies, HCL Infosystems and MRF Limited among others in the current academic year. Companies that visited the Campus in the last semester include HCL B-serve, Spectrum Solutions, Cybernet Slash Support, HCL Infosystems and Clariya Softech.

SBCE IN ITS DECENNIAL YEAR

Sree Buddha College of Engineering, Pattoor, established in the year 2002, is celebrating its tenth year of establishment. The year long Co-curricular and extracurricular programmes were inaugurated on 6th February, 2012. Prof. K. Sasikumar (*Chairman, SBES*) presided the inaugural function. Prof. V. Prasad (*Secretary, SBES*) welcomed the gathering and Dr. Somi Sebastian (*Principal, SBCE*) delivered the report. Sri. R. Rajesh MLA inaugurated the decennial celebrations. Smt. Sobha Raj (*President, Nooranad Grama Panchayath*) and Sri. T. Vijayan felicitated the occasion. The inaugural function concluded with the vote of thanks by Sri. K. K. Sivadasan (*Treasurer, SBES*).



Sri. R. Rajesh MLA addressing the gathering during the inauguration of Decennial Celebration at SBCE

BUDDHOLSAVAM

Buddholsavam 2012, the cultural fest of the Sree Buddha Group of Institutions, was organized on the 6th and 7th of February 2012. It was inaugurated by renowned Film Director Sri.K.Madhu. Buddholsavam showcased several skilled and elite performances by the students studying in various institutions under the Sree Buddha Educational Society to exhibit their cultural talents.



Sri. K. Madhu inaugurating Buddholsavam 2012.

ASTRAL 2K12

Astral 2K12, was held from 8th February 2012 to 10th February 2012. It was a three day National Level Technical Fest which exhibited the enthusiasm and talent of many students, from different walks of the academia. Dr. S. Suresh Babu (*Principal, TKM College of Engg, Kollam*) inaugurated Astral 2012. Students from more than 45 colleges in and out of Kerala participated in the 25 events conducted.

Astral '12 included Mega Technical Expo organized by the various departments of SBCE having talents of SBCE and several reputed organizations like ISRO, CMFRI, KMML, KAL and KSRTC participating. The three days were also a perfect blend of technical and cultural events like Machine Assembly, Wave Circuitry, Web Designing, Open Application Development, Circuit Design, Bomb Defusing, Pitch Wheel, Project Presentation, Nexus'12, Voice of Astral'12, Debate, Robo War, Danzon, Rock band, Chemcad Design, Model Making, Best Planner, Scavenger Hunt, Paper Presentation, Best Manager, Mr. & Ms. Astral, Enquesta '12 and Autocad Design took. The Best Manager was enthralled by the presence of Sri. Rahul Easwer judging the event. Astral 2012 came to its conclusion with a mega bash, its pro show by "RAHLAAP" - a musical mega event by famous playback singers - Rahul Nambiar and Alaap Raju.



A classical dance performance during Buddholsavam

Bodhini and Satori

As a part of the Decennial Celebration, 'Bodhini', a Science Exhibition contest for School students, was held on the 9th February 2012. Several schools of Central Travancore participated in the same. Students of Sree Buddha Central School, Karunagappally bagged the first prize and VVHS, Tamarakulam bagged the second place.

A Career guidance and personality Development programme 'Satori' was also organized and conducted in association with 'THE HINDU' on 9th February 2012. The programme was inaugurated by Dr. S. N. Kumar (Former Joint Commissioner, Commissionerate of Entrance Examination, Kerala). The sessions were handled by Dr. S. N. Kumar and Prof. Mathew Varghese (HOD, Dept. of Economics, Christian College, Chengannur) and was attended by over 250 students and teachers from various schools of Central Travancore.



A Kadhakali performance during Buddholsavam

Book Exhibition

A Book exhibition was organized as part of the Decennial Celebration having eminent publishers exhibiting books for general reading, academics, sports etc.

Basketball Court Inauguration

The new basketball court in SBCE was inaugurated by Mr. Monish Wilson (Inspector, Customs and Central Excise, Cochin and former captain of the Indian Youth Basketball Team) on 28th October 2011.

Achievers!!!

Mr. Vishnu Raj (ME8) bagged the title of Mr. Pathanamthitta in the body building contest held at Pathanamthitta in January 2012.

Mr. Sharon Joseph chacko (EE4) won the first place in Photography competition in Aura'12 conducted at BMC College of Engineering, Sasthamkotta.

Mr. Sharon Joseph Chacko and Mr. Vishnuprasad K. P. of EE4 won the third place in street play competitions held at AmalJyothy College of Engineering, Kottayam and in Dwani'12 conducted at College of Engineering, Trivandrum.

Mr. Sharon Joseph Chacko, Mr. Vishnuprasad K. P. and Abhijith Gopal of EE4 won the third place in street play competitions held at Adisankara College of Engineering, Kottayam and L.B.S. College of Engineering, Thiruvananthapuram.

Mr. Sharon Joseph Chacko and Mr. Vishnuprasad K. P. of EE4 won the third place in Short film competition in Aura'12 conducted at BMC College of Engineering, Sasthamkotta.

Mr. Ananth (EE6) got Silver medal in Kerala University Intercollegiate Table Tennis Championship.

Mr. Ananth (EE6) and Ms. Aiswarya Das (CS4) got selected to Kerala University table tennis team.

Mr. Sooraj Asokan (BT8) got Bronze medal in Mr.Kollam Body Building Competition (under 60 kg category).

Mr. Amal Raj & Mr. Stephen Varghese Thomas of CE8 secured first prize for their paper 'Potential use of Phosphogypsum in Concrete' in FACE 2012, National Conference on Sustainability and Innovations in Civil Engineering, held at TKM College of Engg., Kollam on 23rd February, 2012.

Ms. Lekshmi Chandran and Ms. Sreelekshmi S. of CE8 got second prize for their paper 'Srap Tyre Rubber in Road Construction' in Nakshathra 2012, National level techno cultural festival, held at St. Gitts College of Engineering, Kottayam.

Ms. Sukanya S. Baburaj (CE6) got 1st prize at Yonus College of Engg., Kollam and 2nd prize at Baseliious Mathews II College of Engg., Kollam for solo dance competitions.

Topping all the way

SBCE congratulates the following students who have topped in their respective semesters from various departments.

Ms. Alka Mariam Shaji (BT3), Ms. Gopika Manohar (BT5) and Ms. Sibi Geevarghese (BT7) from BT&BCE.

Ms. Surya G Nadesan (CS3), Ms. Neethu Elza James (CS5) and Mr. Deepak M.V. (CS7) from CSE.

Ms. Akhila G. (EC3), Mr. Sam John (EC5) and Ms. Aswathy Sudevan (EC7) from ECE.

Mr. Joji Chacko Varghese (EE3), Ms. Arya Suresh (EE5) and Ms. Nisha prakash (EE7) from EEE.

Mr. Rohit T. R. (ME3), Mr. Ayyappa Krishnadas M. (ME5) and Mr. Dileep Kumar C. (ME7) from ME.

Ms. Divya K. Sadasivan (CE3), Ms. Lincy Varghese (CE5) and Mr. Amal Raj (CE7) from CE.

SPICMACAY @ SBCE

SPICMACAY chapter of Sree Buddha College of Engineering, Pattoor organized a Manipuri Dance by Padmashri Darshana Jhaveri and team in the Asoka Auditorium of SBCE. Padmashri Darshana Jhaveri is one of the four internationally renowned Jhaveri Sisters.

Faculty Training Programme

A staff training programme in SBCE, conducted on 15th and 16th November, 2011, was inaugurated by Dr. Somi Sebastian (*Principal, SBCE*). The first session was conducted by Prof. K. I. Koshy (*VP, SBCEW*) on 'Learning and Teaching Styles by Richard M. Felder'. Sessions on 'Principles and Application of ISO' by Prof. K. Krishnakumar, (*AP-BT&BCE, SBCE*) and 'Oral presentation skills' by Dr. Preetha G. Prasad (*AP-BT&BCE, SBCE*) were also conducted.

Prof. K. Sasikumar (*Chairman, SBCE*) addressed the staff in the first session on the second day of the training program. This was followed by a talk by Dr. V. Ajaykumar (*Principal, SBCEW*) on 'Teaching techniques for new staff' and a session on 'Effective communication and teaching skills' by Prof. Geetha Ranjini (*HOD - EC, RIT, Kottayam*).

Invited Lecture

Dr. Seema Nair P. (*HoD, BT&BCE*) is invited by OMICS Group to deliver a invited lecture on 'Multifunctional Intestinal *Lactobacillus rhamnosus* for Human Health' in the *International conference and Exhibition on the theme 'Probiotics – Visions & Opportunities'* from November 19th to 21st, 2012 in San Antonio, USA. She is awarded an *International travel grant by the Department of Biotechnology, GoI, New Delhi* for attending the conference.

Papers published

Dr. Siddharth Banerjee (*AP, BT&BCE*) published a paper entitled 'Detection of pyrogenicity on medical grade polymer materials using rabbit pyrogen, LAL and ELISA method' in *Journal of Pharmaceutical and Biomedical Analysis* in April 2011 [J Pharm Biomed Anal. 2011. 55(5):1170-4]. Impact factor 2.733.

Dr. Siddharth Banerjee (*AP, BT&BCE*) also published a paper entitled 'Inflammatory response to pyrogens determined by a novel ELISA method using human whole blood' in *Journal of Immunological Methods* in June 2011 [J Immunol Methods. 2011. 369(1-2):146-53]. Impact factor 2.340.

Mr. Vaisakh G (*AP-CE*). and Ms. Sivabala P. (*AP-CE*) published a paper entitled 'Dynamic response of high rise structures under the influence of discrete staggered shear walls' in the *International Journal of Engineering Science and Technology (IJEST)* in October

2011. [7789 - 7798, Vol. 3, No.10, October 2011, ISSN : 0975-5462].

Ms. Sivabala P. (*AP-CE*) published a paper titled 'Effect of shear wall panels on the dynamic response of a silo' in the *International Journal of Civil and Structural Engineering* [958 - 967, Vol. 1, No 4, 2011, ISSN 0976 - 4399].

Dr. Seema Nair P. (*HoD, BT&BCE*) published a paper entitled 'Hypocholesterolemic Activity of *Lactobacillus acidophilus* Strains and its Mechanism' in *Adv. Bio. Tech:*11(10):14-18.

Poster Presentations

Faculty and M.Tech. students of BT&BCE of SBCE presented the following papers at a *Conference on Anti-Infective Drug Discovery and Development MEDCHEM 2011* held at the Department of Chemistry, IITM, Chennai from October 28th and 29th, 2011.

'The Mixture of Alkaloids from the Roots of the Ayurvedic Medicinal Plant *Adhatoda vasica* as a lead for Potent anti-methicillin resistant *Staphylococcus aureus* activity' by Dr. Preetha G.Prasad (*AP*), Ms. Manitha T.P (*AP*), Mr. Bejoy S. Raj, Ms. Suchitra Pushpan, Ms. Veena V. Pillai, Ms. Sritha Sreeraman and Mr. Unni Devarajan.

'Phytochemical Screening and *in vitro* Evaluation of Free Radical Scavenging Activities of the Ariel Parts of *Sida veronifolia*' by Dr. Preetha G. Prasad (*AP*), Ms. Surya Padmakaran Haripriya and Ms.Laila Gangadharan.

Ms. S. Meera Bai, Dr. Preetha G. Prasad (*AP*) and Mr. Bejoy S. Raj of BT&BCE presented a poster on 'Potent antioxidant phytochemicals from the stem and leaves of the Ayurvedic Medicinal Plant *Vitex negundo* as possible Therapeutic against *Vibrio cholera*' at the *International Symposium on Innovations in Free Radical Research and Experimental Therapeutics* held from 7th to 9th December, 2011 at Karunya University, Coimbatore, Tamilnadu.

Dr. Preetha G. Prasad (*AP*), Mr. Bejoy S. Raj, Ms. Suchitra Pushpan, Ms. Veena V. Pillai, Ms. Sritha Sreeraman, Mr. Unni Devarajan and Ms. Manitha T.P. (*AP*) of BT&BCE presented a poster on 'The potent alkaloid mixture from the Ayurvedic medicinal plant *Adhatoda vasica* as a Promising lead for anti-methicillin resistant *Staphylococcus aureus* activity' at the *The 14th CRSI National Symposium in Chemistry* organized and hosted by NIIST-CSIR, CRSI and IISER from February 2nd to 5th, 2012 at NIIST, Thiruvananthapuram.

A poster entitled 'Computational Screening on the Phytomolecule 5-Methyl Indolo[3,2-B]Quinoline as a Lead Molecule for the Design of Inhibitors for Nat 2 as a Drug Target Against *Mycobacterium tuberculosis*', by Dr. Preetha G. Prasad (AP), Ms. V. L. Pushpa, Ms. Siby Geevarghese, Ms. Aswathy Devi, Ms. Anjana Varkey, Ms. Najeeb, P.M., Ms. Akhila and Mr. Arun Kumar B. of BT&BCE, got the first prize in ICRMM 2012, the International Conference organized at SBCE.

Paper Presentations

Riji N. Das (AP, CS) presented a paper titled 'WiEyeTNB: A Wireless Sensor Based Drowning Detection System for Enhanced Parental Care' in the 6th International ICST Wireless Internet Conference, WICON 2011, held from 19th to 21st October, 2011 in Xi' An, China.

Ms. Juna John (EEE) presented a paper titled 'A Driving Technology for retrofit LED lamp for lighting fixtures with Electronic ballast' in the International Conference on Emerging Technology Trends in Advanced Engineering Research on 21st February, 2012.

Neethu Thomas and Sreelekshmi. S of CS8 presented a paper titled 'A survey of linear filters used for despeckling ultra sound images' in National Conference on advancements in computer applications (NCACA2011) held at Federal Institute of Science and Technology (FISAT), Angamaly on 15th June, 2011.

Dr. Preetha G. Prasad presented a paper titled 'Phytochemical Studies of the Root Extract of the Traditional Medicinal Plant *Adhatoda vasica* for anti-methicillin resistant *Staphylococcus aureus* activity' at the National Seminar on Recent Trends in Chemical Sciences: Frontiers and Challenges organised by Department of Chemistry, University of Kerala at Kriavattom Campus on 25th and 26th August, 2011.

Knowledge Sharing Platform

⇒ BT&BCE

The Department of Biotechnology and Biochemical Engineering of SBCE organised seminars on CHEMCAD Simulation of Alkali Catalysed Biodiesel Production (Ms. Ashna Rajeev), ELISA- A diagnostic Tool in Immunology (Ms. Remya R.) and Pharmacogenomics (Ms. Manitha T. P.) in connection with the Knowledge Sharing Platform at SBCE.

⇒ ECE

Seminars on Natural and Seamless Composition Using Colour Control (Ms. Sangeetha), Content-base Image Water marking (Mr. Sudeep P. V.) and Automotive

MEMS (Mr. Alex V.) were organised by the Department of Electronics and Communication Engineering of SBCE.

⇒ CSE

Following are the seminars organised by the Department of Computer Science and Engineering of SBCE - 3D transformation of MRI Scan of Brain (Mr. Gopu Darsan) and Computer and Its Phases (Ms. Dhanya S.).

⇒ ME

Mechanical Engineering Department contributed on - Underfloor Air Distribution system (Mr. Ragan Reghunath), Heat Transfer of Plate Heat Exchanger Using Nano Fluids (Mr. Sreejith P.) and ISO 9000-Supply Chain Efficiency (Mr. Chinmaya Krishna).

⇒ EEE

Electrical and Electronics Engineering Department contributed on - LLC resonant Converter for Constant Voltage Applications (Ms. Anjali Krishna), Brain Machine Interface (Ms. Nisha Kuriakose) and Multi ILPS and PWM BLDC Motor Control for Robotics Based on RISC Controller (Mr. Vivek G.).

⇒ CE

Seminars on Stabilisation of Soil (Ms. Sreeja Balakrishnan), Membrane based Watergas treatment (Ms. Megha M.), Experimental Study on the Effects of Phosphogypsum in Concrete (Ms. Sivabala P.) and Finite Element Method (Ms. Anisha A.) were organised by the Department of Civil Engineering.

⇒ BS

The Department of Mathematics and Basic Sciences presented seminar on Zero Knowledge Proofs (Dr. Lissa Mathew), Contributions of Mathematics (Ms. Rakhi Rajeev), Lipids- Are they Really bad? (Ms. Asha rani V. S.) and Shape Memory alloys (Ms. Anju B. I.).

Courses Attended

Ms. Sony M. G. (HoD, EEE), Ms. Sheeba Babu (AP-EEE), Vishnu J. (Lecturer-EEE) attended Staff Development Programme at T.K.M. College of Engineering, Kollam from 17th to 22nd October 2011.

Riji N. Das (AP, CS) attended a workshop on 'IPv6' by BSNL Kerala, held at Mar Baselios College of Engineering & Technology, Thiruvananthapuram on November 12, 2011 and the International Conference on Wireless Technologies for Humanitarian Relief (ACWR 2011) held at Amrita University Campus, Amritapuri from 18th to 21st December, 2011.

News from SBCEW

Paper Presentations

Ms. Sruthy S, (AP-CS) presented a paper on 'Image Fusion Techniques using Curvelet Transform' at the *Second International Conference on Advances in Computer Engineering (ACE – 2011)* held at Thiruvananthapuram on 25th August, 2011.

Dr. V. Ajayakumar presented a paper on 'e-Commerce Applications' at a *National Seminar conducted by Government College, Attingal*, in March 2012.

Prof. Sasikumar felicitated

A rousing reception was given in the College campus on 5th January 2012 felicitating Prof. K. Sasikumar, Chairman of Sree Buddha Foundation, Kollam, recipient of the prestigious R. Shankar Award 2011. The reception was jointly organized by Sree Buddha College of Engineering for Women and Bodhi Hospital, Elavumthitta. Hundreds of people from different walks of life thronged together in the meeting to felicitate the great son of Elavumthitta. The speakers thankfully acknowledged the yeoman services rendered by Professor Sasikumar in masterminding the establishment of more than half a dozen educational institutions in Southern Kerala.



Sri. K.C. Rajagopal(Ex.MLA) felicitating Prof. Sasikumar.

Workshop on Embedded systems & Microcontrollers

A Five-day workshop on 'Embedded systems & Microcontrollers' was conducted for the 6th semester Electronics & Communication Engg. and Applied Electronics & Instrumentation Engg. students from December 30th, 2011.

Published by Dr. Somi Sebastian, Principal, Sree Buddha College of Engineering, Pattoor P.O., Alappuzha District

Talk on Women Empowerment

Dr. Mallika Sarabhai was one of the distinguished guests, who visited the college during the last semester. She gave a very enlightening talk on Women Empowerment.

Workshop on .Net Technology

A workshop on .Net Technology was conducted by the Department of Computer Science and Engineering for the benefit of students.

Seminar on Electromagnetic Theory

A one day seminar was conducted on 'Electromagnetic Theory' by Dr. B. Premlet, Associate Professor, T.K.M. College of Engineering, on July 20th, 2011 for the 5th semester Electronics & Communication Engg. students.

MG University Youth Festival 2012

Students of SBCEW participated enthusiastically in the MG University Youth Festival 2012 held at Tiruvalla.

Ms. Remya Krishnan (CS1&2) won the first prize in a stiff competition in Kathakali. Ms. Remitha Raju (CS6) bagged 'A' grade in Mohiniyattam.



Students of SBCEW in the procession at MG University Youth festival 2012.

Editorial Board

Chief Editor: Mr. Vaisakh G. (CE)

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