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From Editors Desk

It is my pleasure to introduce the newsletters second issue of this year. This newsletter covers the academic, extra curricular, research achievements and activities of the college during the last three months. Even though university examinations were going on and the last two months were vacation period for the staff members, many academic activities and workshops were conducted and the participation of faculty, staff and students were beyond expectation. I found it very difficult to include all the events in this four page newsletter. I take this opportunity to thank the members of GECBH family who ever helped me to compile this newsletter in this form. Expecting your valuable feedback. Thank you all.

Josna VR



Mission

• Impart engineering knowledge and skills • Mould professionals with integrity • Nurture the spirit of innovation, creativity and sustainability to address needs of society • Collaborate with industry, academic and research institutions of repute

Vision

A centre of higher learning in engineering that nurtures inquisitive young minds, fosters innovative research and reaches out to the society, while incessantly improving itself.

Principal's Message



As I am completing one year in office, I wish to thank all stake holders of the institution (Govt, BoG Members, Students, Faculty & staff, Parents, media & others associated) for unstringing support offered to me for managing the show without much hitch. Only one day was lost due to student strike in the institution. I feel this is a record of sorts in a Government institution. A major change that happened during the current year is team

building and working in groups for various tasks. I feel still we have to go far in this area. Only when all of us put our hands together with single aim the institution can realize its full potential. Our institution has some Unique programme which even premier and older institutions cannot claim. The Development of Strategy Governance, preparation of Performance monitoring system, and EHS manual are this which have to be mentioned specially.

Another major achievement is applying for research centre status from the University for three different programmes. The affiliation to Kerala Technological University (KTU) is a welcome change. The institution is taking part in syllabus revision, inspection and providing facilities for the conduct of KTU workshops. The association with Mercedes BenZ in running ADAM course is widely commented. Many more institutions such as Bosch, Tata, EMC, AN-ERT, KSEB and HLL Lifecare Ltd may go a way in improving Industry-Institute interaction. Another innovative initiative M. Tech Translations Engineering is in the offering. From the kind of response we are getting from different quarters, I am sure that it will be a great success. The weekly lecture series "Expressions" is yet to catch up with the faculty and staff and let us hope that the attitudes will change and Expressions will flourish in the days to come. The inauguration of TBI and the interest shown by the students in Entrepreneur activities is worth commenting. However more focus shall be given on CERD Satellite centre and CERD Innovation centre to make it operation 24 x 7. The opening of HELP desk in the main block will provide more services to our customers and help them know the institution better. The Green campus-Litter free campus initiative also needs mention here. I wish all of you a better academic ambience in the institution in the days to come.

Dr. B. Anil

Aagneya 2015 – Unleashing the Fire Within!!

The annual extravaganza of GECBH, Aagneya'15 was held from March 20-22 which saw enormous participation from various



institutions and was covered by major media channels and newspapers. The web site of Aagneya '15 www.aagneya.in was inaugurated by Honorable Minister Shri. A. P. Anil Kumar, Minister for Welfare of Scheduled Castes and Backward Classes and Tourism. The events of March 20 were held at our college and the next days at the Kanakakunnu Palace Grounds. The cultural events inauguration was done by the famous Malayalam Cinema Director Sri. Lenin Rajendran and the technical events by Prof. V G Idichandy. Proshows were held on all 3 days which in itself is a milestone for years to come. It includes performance by Balabhaskar, Nikhitha Gandhi, Agam band and Jhanu band. All the departments actively lend their hand in making this fest the most memorable one which includes Full Throttle by ME dept, Cos Phi by EEE dept, Inceptra by IT dept and Prayana by CE dept. The whole event enlightens how far GECB has grown the past years.

"Success is not final, failure is not fatal: it is the courage to continue that counts." Winston S. Churchill

11th BOG Meeting



BoG Members

The Eleventh Board of Governance meeting was conducted on 21st March 2015 at college conference hall. Apart from institute nominees, Dr. Idy Chandy, BoG Chairman, Dr. K. Vijayakumar, DTE, Dr. Kurian Issac, Professor, IIST, Dr. V. Gopakumar, Director SPFU were present. The BoG appreciated the college TEQIP activities and approved the future action plans.

Retirement

Prof. MK Usha, HOD Science got retired after her long academic service from GECBH on March 31st 2015. Senior Superintendent, Mr. Christy J and Workshop Superintendent, Mr. George Joseph has got retired from service on the same day. GECBH

family wish you all a wonderful retirement life.



Prof. Usha MK



Mr. Christy J.

ADAM Convocation and Merit Evening

PTA Organized, Merit Evening and ADAM convocation on 27.03.2015. Merit Evening is an annual function organized every year to felicitate the class toppers, Rank winners, the best teachers and the students who have received awards and prizes in various technical/arts/sports competitions also to felicitate teachers who receive outstanding achievements during the period. ADAM is an Advanced Diploma Course organized jointly by GECBH and Mercedes Benz-India pvt. Ltd. Honorable Chief Minister of Kerala, Sri. Oommen Chandy, gave the convocation address and distributed the certificates to the ADAM students. The function was presided over by the Honorable Education Minister Shri. P K Abdu Rabb. The Principal Dr. B. Anil presented the report of the activities of the college. The honorable MLA; Shri. K. Muraleedharan inaugurated the video conferencing facility of the institution. Dr. K. Vijayakumar, Director of Technical Education welcomed the guests and the gathering. He also honored the former principals of the institution. The Honorable Education Minister gave away the merit certificates and cash award to the class toppers, mementos to students who have received awards and prizes in various technical/arts/sports competitions, best teacher awards to the teachers, mementos to the teachers who acquired PhD during the year and Kerala University senate members were honored in the function. The Consul General Germany, Bangalore; Mr. Jorn Rohde delivered the special address and Dr. Suresh Das; Executive Vice-President; Kerala State Council for Science, Technology and Environment (KSCSTE) delivered the key note address. Smt. Mary Pushpam; ward Councilor attended the function. Shri. Shrikant Deshmukh; General Manager, Mercedes Benz-India Ltd and Dr. Ajit Prabhu; PTA Vice-President offered felicitations. Dr.G.Ramachandran, Dean delivered the vote of thanks.



Faculty and Students during ADAM Convocation



Dignitaries on the dias

Smt. Bhagyalekshmy receiving memento from our Dean.

Womens Day

Womens Day celebrations were came to an end on 18th March, 2015. The chief guest was Smt. Bhagyalekshmi, dubbing artist. Smt. Bhagyalekshmi inspired the audience with her presence, magnificent personality and wonderful words. Principal, Dean, PTA members, staff and students were present on this occasions. On 17th March, 2015 our girls participated in 'Spread the light'. To empower women and create awareness among them on various issues, 300 girl students of our college participated in the "She Walkathon" organized by Kerala State Women's Development Corporation (KSWDC) on 21 st March, 2015. The participants of She Walkathon marched from Kanakakkunnu Palace ground to Kowdiar raising slogans about the greatness and strength of womanhood.



TLPC–Yoga Class



TLPC has organized a training course on Yoga and Stress Management for

faculty and staff for 23 days. Yoga Guru Surendran Rayaroth was the yoga faculty, from International Sivananda Yoga Centre.

MoU with ICT

An MOU was signed with ICT Academy, Kerala with the objective of getting expert services for improving the Employability Quotient of the students and imparting training programmes for faculty members. The ICT Academy extended their assistance in reaching out to the prospective recruiters also.

"You yourself, as much as anybody in the entire universe, deserve your love and affection"— Gautama Buddha

Poster Presentations of UG Projects



Principal Inaugurating IT Poster Presentation

All the final year B. Tech students arranged a poster presentation of their UG project work. Principal inaugurated the events and addressed the students. External evaluators were invited to find out the best posters of the year. Poster presentation started with final Year ECE students on 11 th May 2015. Final Year EEE students presented their posters on 13 th May 2015. And final Year IT students on 22 nd May 2015 and ME students on 23rd May 2015.



Hostel Day



Principal lightning the lamp

The third anniversary of the ladies hostel, was celebrated in an incredible voice on 25th March 2015, at the mini auditorium of the college. It was inaugurated by a famous writer Dr. Raheena Beegum and felicitated by the Principal Dr. B.

Anil and Warden. Prof. Manju R. Inmates of the hostel expressed their joy by showcasing their talent in various forms.

Sports Day

The annual sports day was held on March 24 at Central Stadium. The honorable Principal Dr. B Anil inaugurated the meet which witnessed the energy and sportsmanship owned by the students. Job George of S6 CE and Nidhi Rai of S6 IT were the individual champions. The much coveted football and cricket tournament cups were won by S6 ME and S8 EC respectively. The overall trophy was won by S6 Civil for a straight third time which is a commendable achievement.



March past during Sports day

Expressions

Expressions is a platform for the faculty and staff members to share their experience after they attend a training programme/ conference outside the campus. This programme is coordinated by TLPC of the college and conducted at Unnathi hall every thursday evening from 4 pm to 5 pm. The series of lectures during the last months were as follows

- ◆ Prof. RameshKumar of Mechanical Dept. share his experiences during his travel to Braunchweig, Germany to present a paper on " Delamination of secondary bonding in CFRP skinned sandwich structures" in the 3rd International Conference on Buckling and Post Buckling behaviour of laminated composite structures held between 25th to 27th march .
- ◆ Prof.Gopakumar & Prof. Anu Mohammed shared their experiences of a training held at Carl Benz (Vocational Training Institute, Stuttgart, Germany) on 16/04/2015.The lecture was about "The German System of Dual Education-Opportunities& Challenges in Implementing the System in India".
- ◆ Prof. Sangeetha U & Prof. Josna VR shared the knowledge they gathered while attending an MDP at MDI Gurgaon about "HRD Inverntions for Organisational Development" on 23/04/2015
- ◆ Prof Balu John shared his knowhow on "National Knowledge Network" based on his visit to IIT Guwahati on 14/05/2015

Stem Cell Awareness Program

An awareness programme on stem cell donation was conducted by the NSS unit on 20– 21 March 2015 in association with Dhathri Foundation & Hope and Techno cultural fest of Government Engineering college, Barton Hill. About 600 registrations were done. The programme was a great success .

KTU Cluster Meet

Dr. KP Isaac , VC, KTU addressing the gathering



Kerala Technical University Workshop on PG syllabus and Course Plan preparation was held on 29th April 2015. Principal welcomed the gathering and Dr. KP Isaac , VC-KTU discussed about the vision and mission of KTU. Dr. RVG Menon, Social Scientist, Thinker gave a talk on Sustainable Engineering. Dr. V. Radhakrishnan, Chairman, CGPC Trivandrum Cluster introduced the new syllabus and course paln of PG programmes. More than 125 participants from 14 different institutions participated. After the workshop ,the final syllabus and course plan is prepared and concluding remarks about the workshop was given by Prof. S. Shabu, Convener, CGPC, Triavndrum Cluster. The workshop was coordinated by Prof. S. Sheela, Prof. Anoop SKM.

"The only person who is educated is the one who has learned how to learn and change." — Carl Rogers

Electrical Safety Work shop

Prof. S. Sheela and Prof. Vinod V. organized a two day workshop on Electrical safety and Poster Exhibition on Safety on 8th and 11th May 2015. Sri. Muhammed Ali Rauthar (Director, KSEB Ltd), Sri. Rajan K (Electrical Inspectorate), Sri. Arun (Safety officer, HLL Life Care) and Dr. K. N. Pavithran were the resource persons. A visit to HLL Life



Care Ltd, Perorkada Plant is also arranged as a part of workshop.

CERD Projects

CERD Innovation center has sponsored the following student projects and events.

- ◆ "Campus based Mobile application"- Voice of GECB by Geethu SS S4 ECE
- ◆ "Hachathon"- Technical event of Inceptra 2015
- ◆ Technical Exhibition of Aagneya 2015
- ◆ "Obstacle Avoider Hexapod And Autonomous Line Follower" by Alan Baby Koshy, Sajith S V, Omjith S P, Tashi SS, Satheerth of SIS2 IT. They have various prizes by participating in national level competitions

Workshops for Ministerial Staff

A two day workshop on Design and Documentation File System (DDFS) by Mr. Sooraj Sukumaran was conducted on 26-27th May 2015 at Zoom IT. And also a two-day workshop on



"Office Productivity" for Ministerial staff on 20th and 21st May, 2015 from at ZOOM-IT (Video Conferencing Room).

Clean & Litter Free Campus Campaign

The ministerial staff of GECBH cleaning the campus premises along with the Principal on 16th May 2015.



Training Programmes Attended

- ◆ Prof. Josna V R and Prof. Sangeetha U, programme on "HRD Intervention for Improving Organisational Performance" during 16-18 March 2015 at MDI Gurgaon, Haryana
- ◆ Dr. Biji Jacob, Workshop on "Quality Initiatives in Technical and Higher Educational Institutions" during 10-12 March 2015 at ESCI Hyderabad
- ◆ Prof. Christy James Jose Hi Impact Leadership - Blue Print for Success during 11-13 March 2015 at Chennai.
- ◆ Prof. H. Ansarudeen, Prof. Lini R Chandra and Dr. Raji M., "Emotional Intelligence and inter personal Skills" during 05-07 May 2015 at ESCI Hyderabad.
- ◆ Prof. N. Ambili and Prof. Rendhir R Prasad, Ms. Gopika S Kumar and Ms. Aswathy VS ,Pedagogical Workshop during 25-27 May 2015 at IIT Madras
- ◆ Dr. B. Anil, ICT Academy's planning meet on 23 April 2015 at Ernakulam
- ◆ Prof. Sangeetha U, Prof. Josna VR and Prof Mala JB , workshop on SQL Programming during 11-15 May 2015 at Marian Engg Collge , Menamkulam .
- ◆ Dr. Savier JS, One day workshop on IPR, on 07 May 2015 at LBSITW, Poojappuara
- ◆ Prof. Ambili N and Prof Sindhu N, Communication and presentation skills during 28-30 April 2015 at ESCI, Hyderabad.
- ◆ Prof. Anoop SKM, Application of Wireless Sensor Networks, 17-18 March 2015 at Trivandrum.
- ◆ Dr. B. Anil and Prof. Anu Muhammed, National Conference on recent trends in Aerospace Systems and Integration Testing on 1-2 May 2015 at IPRC, Mahendragiri.
- ◆ Prof. Anoop SKM and Mr. Abhishek Abraham Varghese , Introduction to Design of Algorithm under National Mission on Education during 25-30th May 2015 at Mar Basalios College of engineering, Trivandrum

ISTE Day



The ISTE Day 2015 was conducted in a fitting manner by conducting a faculty training programme on 21st May 2015. Sri. RAD Pillai, Deputy Director (Rtd) VSSC and Executive Secretary, National Council IIIIE inaugurated the programme. He spoke on

Importance of professional bodies in the overall development of Faculty members. He emphasised the need for constant interaction with Industry. Sri. B. Jyothiraj, Master Balck Belt Trainer (Director, Missing Link and Visible Hands) presented the fundamentals of Six sigma. Anti terrorism pledge was taken after the annual genenal body meeting. New elected Treasurer cum Secretary of the Faculty chapter is Prof. Sangeetha U and Staff Advisor for Student chapter is Prof. Anoop SKM. The ISTE day celebrations ended with planting tree saplings in the campus ..



"If you tell the truth, you don't have to remember anything." — Mark Twain .