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TEQIP Phase—II



From the Editor's Desk

Greetings and welcome to the second issue of the newsletter! The past three months was full of various events , this four page newsletter is not enough to cover all the activities. Hence certain events are only mentioned. Hope that this issue will encourage both staff and students to work hard for the betterment of the college. I thank our Principal for giving me an opportunity to work for the second edition and his endless support for the making of this newsletter. My sincere thanks to my colleagues for the support and encouragement. Please give your valuable suggestions and comments in future also.



Josna V R

Newsletter Released

The first edition of the newsletter of GECBH has been officially released on 17th December 2013 by the BoG Chairman, Dr. Idyachandy. by giving it to Dr. V Gopakumar.



Vision

We envision ourselves growing into an institute of global stature which nurtures inquisitive young minds, fosters innovative research and reaches out to society at large—all the while incessantly improving upon itself.

Mission

To mould a quality professional with integrity and sense value on each aspiring technocrat by imparting a sound knowledge of Technical fundamentals and the ability to approach complex technical problems with good judgment and objectivity.

Principal's Message



GECBH witnessed many colorful and grand events in the last three months— to name a few: Merit Evening on 24/01/2014, ADAM course inauguration on 28/01/2014, PTA General Body

Meeting on 08/02/2014, a course on RF Fundamentals— took our college to new heights. Aagneya 2014— from February 27th to March 2nd— a mega Technical and Cultural festival showcased our students' knowledge and talents on recent technology and cultural activities. Technical exhibition by — Prayana, Cosphi, Inceptra, Full Throttle— attracted large number of visitors to our college. These programs have been appreciated and praised by the public and media.

Next month University exams for all semesters will start. As in the past, I am sure that our college will definitely excel in the University exams by bringing ranks to our college. This year our campus placement figure hit a new record compared to last years number. These achievements are being possible due to the tireless efforts of our dedicated faculty and staff members. TEQIP's contribution is thankfully acknowledged.

Even though land area of our college is quite inadequate and infrastructure facility is meager, We have never let them retard our progress. Proposals for a new building and commencement of a new international collaborative course are on the anvil. I miss a lot by retiring on 31/03/2014. But the experience, confidence and achievements, I gained as Principal of GEBH will be cherished and remembered forever. Let me sign off with a Brazilian proverb

"When I dream alone, its only a dream. When we dream together, it is the beginning of reality"

Dr. R Sathikumar

Coming together is a beginning; keeping together is progress; working together is success - Henry Ford

TEQIP BOG Meeting



8th BoG Meeting at College conference hall

The Eighth Board of Governance meeting was conducted on 17th December 2013 at college conference hall . Apart from institute nominees, Dr. Idy Chandy , BoG Chairman, Dr. V. Gopakumar ,SPFU Director, Dr. Kurian Issac, Professor, IIST, Mr. Sherif, Additional Secretary, Higher Education , were present. The BoG appreciated the college TEQIP activities and approved the future action plans .

Republic Day Celebrations



Principal, Dr.R.Sathikumar hoisted the national flag in the presence of PTA President , Staff members, student union members and the students of the college on 26th January 2014 in connection with the Republic Day celebrations. Principal has given the republic day message to the fellow members of the college.

Road Safety Awareness



A talk on “Road Safety Awareness” has been taken by Shri. Rishiraj Singh , Transport Commissioner in connection with the inauguration of FULL THROTTLE 2014 , the Mechanical Dept. Association on 6th February 2014 at Mini Auditorium.

Annual GECTAA Meeting

Government Engineering College, Trivandrum Alumni Association (GECTAA) annual general body meeting has been held on 28th December 2013 at the college mini auditorium. Many of the previous years professors both transferred and retired attended the meeting. There was a good number of student alumni gathered for the meeting.

ANNUAL
GECTAA
MEETING



The Annual general body meeting of Staff club was held on 18th December 2013. The report of the staff club activities was presented by the Staff Club Secretary Mr. Antony. The revenue generated and the expenses incurred during the previous year has been submitted for the approval of the members by Treasurer Mr. G. Leven.

The New Executive Committee was elected with Prof.G. Ramachandran as President, Prof. Suja as Vice President, Mr. Manzoor as Secretary, Prof. Simikrishna KR as Joint Secretary and Mr. G S. Gopakumar as Treasurer. To name a few the new staff club organized the following events.

- ◇ New Year Celebrations and lucky draw contest A talk on “Leave and related Subjects” by Mr.M. Nithyanandan, AO and Ms. Anupama LDC on 9th January 2014 .
- ◇ A talk on “Income Tax Calculations” by Mr. Milan N, UDC on 30th January 2014.
- ◇ Issued a Diary cum address book for the members.

NSS Activities

The College NSS unit has organized various events during the last three months which includes the following

- ◇ Dental Camp on 8th February 2014 at college premises.
- ◇ Five days NSS service program named “Punarjani” at SAT Hospital premises.
- ◇ Blood Donation Camp on 28th February at college premises.



No man is good enough to govern another man, without others consent– Abraham Lincon

Condolences



Ms. Bindhu Vinod, Instructor Grade I of IT department passed away on 12th January 2014. The staff club members expressed their condolences and attended the funeral at her residence.

May the God Almighty give her family the strength to withstand the loss.

Achievements by Staff members

Mr. Ramanathan TR, Trade Instructor of Civil Department has given talks during the training program on AUTOCAD conducted by center for training in Financial management for the employees of harbor engineering department at our college from 12-18 Jan 2014.

Dr. Indu S. AP (Maths) has secured first rank in Communicative English (Distant Education).

Merit Evening



A merit evening was organized by Government Engineering College , Barton Hill on 24th January 2014 to felicitate the achievers of GEC Barton Hill. The achievers included both students and faculty. The function was presided over by Shri Muralidharan MLA and inaugurated by the Hon'ble Minister for Education

Shri Abdu Rabb. Dr.R.Sathikumar, Principal welcomed the gathering . Dr.J.Letha, Director of Technical Education delivered the keynote address. Smt. Mary Pushpam, Counciller, Dr.Ajith Prabhu,PTA Executive Vice-President and Dr.Sheela.S, Principal, CET offered felicitations during the function. Dr.G.Ramachandran, Dean proposed the vote of thanks. The Minister presented almost 32 awards and Smt.Haritha V Kumar , Civil Services topper was also felicitated during the function. In her absence, her father Shri.Vijaykumar received the award . The Best Teacher award was given to **Prof. Beena S** Assistant Professor of ECE department. **Prof. S. Remesh** , Assistant Professor of ME Department has given a special award for his continuous contributions to the Placement Cell.



STTPs and Workshops

- ◇ Dr. Suja S AP and Prof. Lakshmi Devi AP of Civil Engg Dept. have coordinated a CERD sponsored STTP on "Research Methodology and Intellectual Property Rights" from 17 -19 December 2013.
- ◇ Prof. Anu Muhammed AP of ECE Dept. has organized a TEQIP sponsored STTP on "RF Fundamentals and Applications" from 6-11 January 2014.
- ◇ Prof. S. Sheela ,Prof. J. Savier Asso. Prof, Prof. Vinod V AP and Prof. Jaijith MB AP of EEE Dept. have organized a DTE sponsored STTP on "Recent Advancements and Analysis of Power System Engineering" from 17-22 March 2014.
- ◇ A workshop on Question paper setting for PG Programmes under Kerala University has been conducted at our college on 15th January 2014.

Union Arts and Sports Days



The Arts Day —Sargam 2014 and College Union of GECBH was inaugurated by cine artists Ms. Miya and Mr.Padmasoorya on 3rd February 2014. The program was coordinated by

the Union Staff Advisor **Prof. TV. Harish AP((ME)**. The Union the Sports day was celebrated on at Central stadium. Principal took the salute during march past of the teams of each department students. Both students and staff participated in various sports and games. The competitions were coordinated by **Dr..Sabu ..Physical. Education Department.**



ADAM Course



ADAM (Advanced Diploma in Automotive Mechantronics) course is one of the social-oriented programs initiated by Mercedes-Benz India in collaboration with prestigious Government Institutions across India .The course, which is the first one in south India , is organized by the Department of Mechanical Engineering of GEC Barton hill. It has been officially inaugurated by our honorable Education Minister Mr. Abdu Rabb on 28th January 2014. Mr. K. Muralidharan MLA, Dr. J.Letha DTE, Mr, Sivakumar Dealer Principal Rajaree Motors, Mr. Srikanth Desmukh,Mr.Devdatha Chandavarkar, Vice President after sales Mercedes- Benz India were present during the function. A centralized entrance examination is conducted and the merit list is published. The classes started on 26th March 2014. **Prof. Gopakumar S AP (ME)** is the coordinator of the course .



Research Publications

Sree Hari, Sreedevi and Vijayakumar Narayanan , Professor (ECE), A Temperature resilient refractometer for the measurement of refractive index of liquids” at Massey University, New Zealand, Dec 3 – Dec 5, 2013, New Zealand.

Nithyamol V R, Joseph Zacharias and Vijayakumar Narayanan Professor (ECE)“Influence of Optical Amplifier parameters on the performance of a photonic OFDM based Radio-over-Fiber System” ,International Conference on Technological Advancement and Research, Dec 19-Dec19,Goa, India

Sreedevi, and Vijayakumar Narayanan Professor (ECE)“60 GHz Photonic Millimeter Wave Link Short-Range Experiment for Transmitting DPSK Signal Over a Distance of 10m “ to IEEE International conference on Control, Communication and Computing 2013, Dec 12-14, 2013,Trivandrum, India

Vidya M S, Joseph Zacharias and Vijayakumar Narayanan , Professor (ECE), ,”Four-Wave Mixing Suppression by Combining Phase Modulation and Dispersion Management with Data Rates Up to 10 Gbps “to IEEE International conference on Control, Communication and Computing 2013,Dec 12-14,2013, Trivandrum, India

Techno– Cultural Fest AAGNEYA



The Techno– cultural festival of GEC Barton Hill was held from 27th February to March 2nd which was attended by nearly 400 students from other colleges. The Technical festival was organized inside the college campus was inaugurated by Mr. Retnakara Rao , Deputy Director VSSC. Many events like technical exhibition , paper presentations , quizzes and department wise competitions were organized by the associations like Inceptra, Full Throttle, Cosphi and Prayana. The cultural festival started on 28th February 2014 evening at the Kanakakunnu Palace Open Air Auditorium which is inaugurated by



Mr. Venugopal Director Doordarshan Kendra. The Magazine “Mashithandu” of the college Union is also released on the occasion by young poet ,Mr. Dileep Kuttyadikkadi. The Cultural events started with Family night– a joint cultural programmes by the staff and students of the college. Later on many competitions were held and students from various colleges participated .The whole hearted effort of student volunteers, union members, union staff advisor and also the Coordinator of the whole event Mr. V. Thulasedharan, AP(CE) were made this event a great success.



Wi-Fi Enabled GECBH Campus



Our campus has been Wi-Fi enabled with effect from 20th March 2014 which is been launched by our Principal Dr. R. Sathikumar. The function was held at Mini Auditorium . Prof. P R Satheebhai, HOD(IT) delivered the welcome speech and Mr. G. Leven , System Analyst presented a report on Wi-Fi implementation and usage. Prof. Deepthi Sasidharan delivered the vote of thanks.

To reach this goal, the department of IT had to go through different stages involving laying OFC Backbone interconnecting main buildings, wired network in all areas inside buildings , single LAN, introducing DHCP, Web Filtering, better bandwidth, etc.

Now, all GECBHians can be proud that we have 24x7 internet connectivity of high bandwidth (100 Mbps NKN connection) with the support of 10 Mbps NMEICT connection and 2 Mbps Leased Line, both as wired and Wi-Fi network in almost all areas in campus. The whole credit goes to **Mr. G. Leven**, for his sincere hard work for making this into reality.

Other Activities

To mention a few more activities

- ◇ PTA General Body Meeting on 8th January 2014.
- ◇ Talk by and Dr. N. Vijayakumar under FEST (Faculty Experience Sharing after Training) on 14th February 2014.
- ◇ Mentor , Prof. KPP Pillai visited the college and Interacted with both faculty and students on 4 –5 March 2014.
- ◇ Women's Day celebration on 7th March 2014.
- ◇ Association Inaugurations of IT (Inceptara),ECE, EEE (Cosphi), CE (Prayana) and ME (Full Throttle). Along with the function students organized various talks on their respective fields.
- ◇ 10 more students got placed in CTS through CGPU.
- ◇ Published 8 papers by faculty and students of IT Dept and 2 papers by ECE Dept in the National Conferences organized by GEC Wayanad and GEC Idukki.

Services by CCE

Center for Continuing Education Cell (CCE) has been working as a body for connecting the society and the college Dr. N. Vijayakumar Professor (ECE) is the CCE manager of the college. Cell is organizing programmes like ADAM Course, Transitional Engineering Course, Piping Engineering course and also providing facilities for programmes like Federal bank Recruitment drive, NASCOM exam, Food Safety Department Training etc.