

RAJIV GANDHI COLLEGE OF ENGINEERING

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RGCE News 2014-15



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Message from the Chairman

Learning to get things done in the world in order to leave it in a better shape is one of the practical implications of education. The great Dr. Albert Schweitzer, the accomplished concert organist, theologian, missionary and a medical doctor said, "You may have a great education, you may have the name of a great college behind you, you have great careers ahead of you, but if you do not block out at least a small part of your life to give to others, you will never be truly happy. Teach students to examine at the end of each day: How has the world become a better place today, because of me?"



What we need most today is a noble value education which formed the core of the ancient educational system that produced the greatest prophets, scientists, moralists, rulers and honest men and more than all these, a culture and civilization with which we have lost touch for some time now.

The end of education lies in transforming the individual and elevating him to an egoless state. The purpose of education is to strengthen character in the younger generation which is an answer to many of the problems that we face today. It can bring about a widespread renewal of individual commitment to an active life of principle and concerns underlying the great religious cultures, both eastern and western, amount to a consensus regarding basic human values. Values like truth, right action, love, peace and non-violence to be included in a balanced way. The profound moral insights of the great civilizations. May the true Education 'Vidya' carry the message of serenity, humility and human compassion.

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FROM THE DESK OF PRINCIPAL



It is my pleasure in congratulating the editorial board on this pleasant occasion of releasing the first newsletter for the period from June 2014 to November 2014. It is impressive to note a good number of activities took place during this period. I wish that these numbers should grow in future. I am sure that publishing a newsletter of this sort containing the achievements of the students and staff will be a recognition to them, I wish them all the very best in all their future endeavors.

TEACHER'S DAY CELEBRATION

5th September 2014

Teacher's Day Celebration was organized by the students and various events took place.



BIOSPARTA - 25th August 2014



Inauguration of Association of Biomedical Engineers "BIOSPARTA" was held at RGCE Campus Seminar hall on 25th August 2014. Dr.C.Emmanuel, Director-Academics and Research, Global Hospitals presided the event and delivered a Guest Lecture.

SPE(Society of Petroleum Engineers)



The Annual Inaugural Function of the biggest Student Chapter SPE RGCE Chapter was held on 6th August 2014. New working committee was elected. The Chief Guest was Dr. JOYSULU, ED Basin Manager, Cauvery, ONGC. Other senior officials from ONGC, Chennai were also present.

FOOTBALL TOURNAMENT

Rajiv Gandhi College Of Engineering took part in the Anna University Zone-II Football tournament on 25.08.2014 and 26.08,2014 in which 32 colleges were participated



AECER

Inauguration of AECER(Association of Electronics and Communication Engineers) was held at RGCE campus on 8th September 2014. Dr. Manigandan, MIT campus Anna University was the Chief Guest of the event. The Chief Guest delivered a Guest Lecture on "Importance of Engineering and Innovations".

MECH TRUZZ 2K14

First National Level Technical Symposium "MECH TRUZZ 2K14" was conducted by the Department of Automobile and Mechanical Engineering at RGCE on September 14, 2014, headed by Chief Guest Dr. A. Singarayar MA., M.Phil., PhD., Hr. DIP French, Director of SAAP PO Center for HRD and addressed the gathering during MechTruzz '14.



ANTI-TOBACCO AWARENESS PROGRAMME

Rajiv Gandhi College of Engineering YRC Unit organized an ANTI-TOBACCO awareness program at the RGCE Seminar Hall on 22-09-2014 (Monday) at 2.00 pm. The Chief Guest of this program was Dr.E.SenthilKumar, Dept of Public Health & Dentistry, Madha College, and Dr. M.G. Nithin, Dept of Public Health & Dentistry, Madha College, were the Guest of Honor. Dr. E. SenthilKumar gave Chief Guest Address. Dr. M.G. Nithin gave a lecture on "prevention of tobacco related diseases".



NSS DAY & CFT PROGRAMME

Rajiv Gandhi College of Engineering's NSS Unit organized an "Awareness Program" regarding "Cancer" at the RGCE Seminar Hall on 24-09-2014 (Wednesday) at 2.00 pm. The Chief Guest was Dr. Ramanathanjeyaraman, Founder and Managing Trustee of the Vasantha Memorial Cancer Center, Chennai-83. Dr. Ramanathanjeyaraman gave a special Lecture on "CANCER FREE TOMMOROW (CFT)".



FACULTY NEWS

SEMINARS, CONFERENCES, WORKSHOPS AND FDPs

- ➔ Mr. RiberoThomson.V and Mrs. Dhenish Maria of BME Department attended Faculty Development Programme on the topic "Recent Trends and Developments in Biomedical engineering" held at Maria College of Engineering and Technology, Marthandam, Kanyakumari District, from 12th to 16th May 2014.
- ➔ Ms. P. Saranya of EEE Department attended Faculty Development Programme on the topic "Application of soft computing Technologies for Innovation in Electricity Markets" held at SRM University, Chennai between 23rd to 27th June 2014.
- ➔ Mr. M. Saravanan of EEE Department attended Faculty Development Programme on the topic "Electromagnetic Theory" held at Arunai College of Engineering, Tiruvannamalai between 16th to 23rd June 2014.
- ➔ Ms. Berin Shalu S and Ms. Sania Thomas of CSE Department attended a workshop on "Open Source Software Lab" at Jeppiar Institute of Technology, Sriperumbadur on 18 and 19 July 2014.
- ➔ Mrs. Sindhu G. of BME Department attended Faculty Development Programme on the topic "Radiological Equipments" held at SRM University on 1st and 2nd August 2014.
- ➔ Mr. P. Palani Kumar of EEE Department attended a seminar entitled "Academic conclave" held at National Instruments, Chennai on 28th August 2014.

- ➔ Mr. C. Rohit Bhat of CSE Department has attended a workshop on "SAP" at S. A Engineering College, Chennai on 12th September 2014.
- ➔ Ms. Berin Shalu S and Ms. Sania Thomas of CSE Department attended a workshop on "Bigdata-Hadoop" at B. S AbdurRahman University on 18th September 2014.
- ➔ J.Gobinath "Short Range Data Transmission Using Non-Radiative Magnetic Resonant Coupling Achieved in Mobile Phone Head set" ICC-2014, Indexed in Elsevier publications, Alpha College of Engineering, Bangalore, 12-14 June 2014 Page 84-90
- ➔ Mr. M. Saravanan, AP/EEE Published a Paper titled "Three-Phase Dual Input Direct Matrix Converter for Integration of two AC Sources from Wind Turbines" in a National Conference, Advancement in Electrical Science and Technology held at Magna College of Engineering, Chennai on 11 September 2014.
- ➔ Ms. P. Saranya, AP/EEE Published a Paper titled "Comparative Study of Sinusoidal PWM and Selective Harmonic Elimination for 3-Phase Current Source Inverter" participated in a National Conference, Innovative Techniques in Electrical Engineering, ITEE'2K14 held at Thangavelu Engineering College, Chennai on 20 August 2014.

JOURNAL PUBLICATION

- ➔ J. Gobinath, "Real-Time Distributed Wireless Sensor Network for Monitoring Smart Agricultural Environment", International Journal of Applied Mechanics and materials (IJAMM), indexed in Annexure II (SI No:1434), Volume 573(2014), June 2014, Page 388-393 ISBN: 978-3-03835-124-5.
- ➔ Mr. R. Selvendran of CSE Department has published a paper titled "High Performance Multicast Routing in Mobile Ad-hoc Network" in the International Journal of Computer Application

Congratulations!!

Mr.M.Madhu, HOD/IT had done his Ph.D viva successfully during the month of October 2014

GUEST LECTURES**CSE**

Guest Lecture on **"IP Addressing"** conducted by CARE IT Solutions Pvt. Ltd. on 14th August, 2014 .

Name of the speaker : Mr. C.Ramesh

Guest Lecture on **"Data Communication and Cloud Computing"** conducted by CARE IT Solutions Pvt. Ltd. on 14th August, 2014

Name of the speaker: Mr. S. Viswanathan

**PETROLIUM**

Guest Lecture on **"Basement Exploration"** by **Mr. AYYADURAI, GGM, ONGC** on 6th August, 2014.

Guest Lecture on **"Exploration & Exploitation of HPHT Wells"** by **Mr. P RAJA, Head COD, ONGC** on 6th August, 2014.

Lecture on **"Fire, Safety, Exploration & Disaster Management"** by **Mr. J R SHUKLA, Ex GGM, ONGC** on 30th September, 2014.

Lecture on **"Field Development Geology"** by **Mr. SENGUPTA, Chief Geologist, ONGC** on 30th September, 2014.

Lecture on **"Geochemistry in Oil & Gas Exploration"** by **Dr. IVSV PRASAD, GM Head RGL, ONGC** on 30th September, 2014.

Talk on **"Development of Mature Fields: EOR Options"** by **Mr. TAYFUN BABADAGLI** on 9th July, 2014.



STUDENTS' CORNER**CONFERENCE PRESENTATIONS**

Ms. K. Amul and Ms. B. Anandhi of 4th year BME participated in the 2 days National Level Technical Symposium "MEZZO T14" held at Adhiyamaan College of Engineering, Hosur on 26th and 27th August, 2014 and presented a paper on "Liquid repellent gas membrane for carbon-di-oxide capture in heart lung machine".

Mr. Ashwin BIRTH R and Mr. K. A. G. Sudharshan of Petroleum Engineering Department presented a paper on "Propane (LPG) based fracturing in Tight Gas Reservoirs" in ICPST 2014 organized by IIT Madras.

Ms. P. Saranya, AP/EEE, Mr. A. Vignesh, and Mr. Samuel Verghese George of 4th year EEE Department students participated in a National Conference, Innovative Techniques in Electrical Engineering, ITEE'2K14 and Published a Paper titled "Comparative Study of Sinusoidal PWM and Selective Harmonic Elimination for 3-Phase Current Source Inverter" held at Thangavelu Engineering College, Chennai on 20 August 2014.

Mr. M. Saravanan, AP/EEE, Mr. Navaneethakrishnan and Mr. Rajasekerpani T. of 4th year EEE Department Students participated in a National Conference, Advancement in Electrical Science and Technology, and Published a Paper titled "Three-Phase Dual Input Direct Matrix Converter for Integration of two AC Sources from Wind Turbines" held at Magna College of Engineering, Chennai on 11 September, 2014.

Congratulations!!

Mr. Vignesh V of 3rd year Petroleum engineering Student presented a paper titled "EM Waves in EOR" in a TechFest held at Sriram College of Engineering and won 3rd Prize.

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INDUSTRIAL VISITS

3rd year students of CSE department visited Entell Cad Engineering, Mysore on 8th August, 2014.

4th year students of CSE department visited Trans IT Power Labs(P) Ltd.,Bangalore on 12th September, 2014

4th year Students of BME department visited S.S .Pharmaceuticals, Bangalore on 26th September, 2014.

4th,3rd and 2nd year Students of EEE department visited Panicker Switchgear, Chennai on 21st August, 2014.

4th year students of EEE department visited Electronics Pvt. Ltd., Bangalore on 28th August, 2014.

Final year Petroleum Engineering students visited WSS Ahmedabad, IRS Ahmedabad and CE Well Vadodara, Gujarat between 19th to 27th September, 2014.

Final year Petroleum Engineering students visited Regional Geoscience Laboratory, ONGCL, Chennai between 16th to 19th September, 2014

3rd year Petroleum Engineering students visited National Institute of Oceanography and IPSHEM, Goa between 13th to 19th September, 2014

PR-ONN-2005/1 Block, E-760-3 Rig, ONGCL, Palar Basin between 17th to 18th September, 2014



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Non-Academic Activities

Culturals

Few Students of our college participated and won prizes in FELICITAS-14 conducted by Madras Veterinary College, Vepery, Chennai.



Sports

✍ A. Ashwini of BME-Final year participated in the Junior State Athletic Championship in the event of shot put and discus throw which was held at Kongu Engineering college, Erode on 5.07.2014 to 7.07.2014.

✍ College cricket team which was captained by Mohammad Muzammil A. of IT-Final year participated in the Anna University Zone-II Cricket match held at Sri Venkateshwara College Of Engineering on 16, 18, 20.08.2014.

✍ College Men's Kabbadi team captained by Sakthikumar V. Of EEE-Final year participated in the Anna University Zone-II Kabbadi tournament held at PB College Of Engineering on 24.09.2014.

Congratulation!!



Women's Volleyball team captained by D.Sangeetha of BME-Final year won the third place in Anna University Zone-II Volleyball tournament held at Kings Engineering College on 17.09.2014.



College Men's Volleyball team captained by Arunkumar J. of PE-final year got 4th position in the Anna University Zone-II Volleyball tournament which was held at SKR Engineering college on 18.08.2014.

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Congratulation!!

RGCE Students participated in Anna University zonal athletic meet 2014-2015 which was held on 16/10/2014 at Saveetha Engineering College, Thandalam and won medals in the following events.

1. A. Ashwini of BME IV year won first place in shotput.
2. R.Anbarasan of ECE IV year won third place in 10000 mts.
3. Women's relay team won third place.
 - i) A. Ashwini of BME IV year
 - ii) Malathy of EEE IV year
 - iii) M.Vidhya of ECE IV year
 - iv) Usha of BME II year
 - v) Sowndarya of BME II year



Congratulation!!



RGCE Students participated in Block level women's Athletics meet 2014-2015 at JJ Government Higher Secondary School and won over all championship in volley ball and basket ball.

Snap Shots



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HONOUR FOR REV. DR. KURIAN THOMAS

Chairman, Rajiv Gandhi College Of Engineering

Rev Dr. Kurian Thomas, a well known figure in the field of social service was honoured by the Government of Tamil Nadu by bestowing on him “Lifetime Achievement Award” on 18-11-2014 at a glittering function in Chennai. The award was presented by the Hon’ble Minister for Social Welfare Tmt. Valarmathi.

Rev. Dr. Kurian Thomas is the Chairman of Rajiv Gandhi College of Engineering, Asha Nivas Trust and Patron of the Kerala Catholic Society.

We staff and students of Rajiv Gandhi College of Engineering wish him many more years of active service for the poor and the downtrodden. We also rejoice at this well-deserved recognition which has come his way



From The Management and Staff of :
 • Asha Nivas - Social Service Centre
 • Rajiv Gandhi College of Engineering
 • Kerala Catholic Society

for being conferred
“Lifetime Achievement Award”
 by Government of Tamil Nadu
 on 18th November 2014

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Congratulations

Department of **Petroleum Engineering**
Rajiv Gandhi College of Engineering

On receiving

“THE TEACHING AWARDS IN ENGINEERING”

Presented by

Education Matters & Staffordshire University UK



Message of congratulations and appreciation received from
Mr. NARENDRA MODI, Honourable Chief Minister of Gujarat.



Paying the highest pride and respect to 'Parents' and 'Guru' is the practice imbibed in our culture. We owe our knowledge and wisdom gained as a student, to our father, mother and teachers. 'Guru' is one who brings us out of the darkness of ignorance and enlightens our lives.

This is well expressed in Sanskrit shloka. "श्रद्धां विनित्यस्य शुकं च सताकं च बहुजनमितिम् श्वेताश्वे श्रीगुरुवे नमः" The "Teaching Awards in Engineering" organized by "Education Matters" and "Staffordshire University, UK" deserves warm welcome in this context. This endeavor is an appreciable attempt to recognize the contribution of teachers in nurturing the life of our students and sensitizing our youth for that purpose.

I extend my congratulations to all the teachers to be awarded and convey my best wishes for all the success.

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Placement News

Congratulation !!

The following final year students of Biomedical Engineering were placed in TNQ Books and Journals Pvt.Ltd through off campus placement drive held at Kings Engineering College, Chennai.

1. Jenifer A
2. Preethi G
3. Imnatila P Ongen
4. Sangeetha
5. Pandiselvi
6. Mageswari N
7. Karpagavalli R

CALL FOR ARTICLES

It is likely that College Annual Magazine will be published in April 2015. Interested staff and students' are requested to submit the articles including drawings, writings, papers and Essays to the following E-mail : rgcenewsletter@gmail.com