

CTAE TIMES



From the Desk of HOD of Renewable Energy Engg.

I am delighted to have an opportunity to interact through "CTAE Times" with the students and faculty members of CTAE. I first of all take an opportunity to congratulate the students, Dean, ADSW and associated staff members who are contributing for building this newsletter, a robust framework which is in some ways shaping young minds and developing them to blossom as enlightened students.

The Department of Renewable Energy Engineering was established in 1981 for Teaching, Research and Extension in the field of renewable energy.

Department offers M. Tech and Ph. D. programme in Renewable Energy Engineering. The Department is committed to provide high quality education and focuses on transforming renewable energy into useful energy and as an alternative to conventional energy. The passed out students of the Department are well placed in various National & International agencies and institutes.

The major research project running in the Department includes AICRP on Renewable Sources of Energy sponsored by ICAR and Biogas Development and Training Centre sponsored by MNRE.

Dear students, whenever I see you all, I see in you great engineers, great leaders and great teachers and even I see some of you may have an opportunity to reach and live in Mars. Hear I would mention the words of Dr. Kalam 'No youth needs to fear about future', which says that if you have an aim in life, do realize that time spent cannot be recovered hence the precious time has to be used for achieving the goal, have confidence to win, have confidence to defeat the problems and succeed.

I wish you all a bright professional career and success in life.

Dr. Surendra Kothari

Training programme by NABARD



Training on Protected Cultivation was organized from 12.09.2012 to 18.09.2012 by Department of Renewable Energy Engineering. The event for 20 participants was sponsored by National Bank for Agriculture and Rural Development. During training

program participants were explained about protected cultivation, plant propagation techniques, climate control and water management along with preliminary training/demos and hand on practices. Farmers were guided on Green house and Shade net house technology. The training was also given on Solar Energy, Biogas Plants, Improved Cookstoves etc. The closing ceremony was graced by the presence of Dr. Narendra S. Rathore, Dean, CTAE & Dr. S.R Maloo, Dean, RCA.

DEBATING BOUT

The clash of young notions from 1st year marked the events on 14th and 15th Sept, 2012. The event was organized by Arun Nagar (General Secretary) under the CLSU had set up a common dais for the junior mates. Hindi



Diwas was commemorated by an ardent Hindi debate on "छात्र भविष्य निर्माण में हिन्दी की महत्त्वता नहीं रह गयी है". It was indeed an efficacious crack to wipe off gillings on mother tongue and jubilate Engineer's Day. Cogent arguments on the topic 'Engineering profession losing its identity in present scenario' compelled the crowd to envisage the need of our profession. Respected Dean Sir instigated young minds to bind to Hindi in this reforming era and reminisced the contributions of Sir M. Visvesvaraya. The events were graced by presence of ADSW and culminated with announcement of 3 winners i.e. *Suhani Dangi, Aman Kumar and Shilpa Kumari* in Hindi debate and 4 winners i.e. *Zahra Veechavera, Siddiqua Fatima, Faraz Ahmed and Akhileshwar Singh* in English debate.

NCC REPORT

This month 18 cadets cleared 'C' and 23 cadets 'B' certificate exam. From 1st year 28 students enrolled in NCC. The unit under 10th Rajasthan battalion NCC, Udaipur completed its 10 days successful CATC-I camp from 3rd to 12th Sept, 2012 held at 12th RAC Bn. Debari, Udaipur. It incorporated within it competitions like firing, tug of war, cross country, drill, volleyball etc. thereafter the winners and runners were honored with Camp Commandant. More than 30 cadets alongwith various social groups participated in a rally organized on 'World Heart Day' by Vedanta group and American Hospital. Cadet Murlidhar (1st year, Agriculture Engg.) was honored with the first prize for 3 km running on 30th Sept, 2012.



CTAE



Organization of Events

Students' Activities

- Project seminars presented by final year students from all disciplines for partial fulfillment of their requirement.
- Mid Term Examinations for II, III and IV year students of all disciplines were held from 24th Sept to 4th Oct, 2012.

SPIC MACAY

Students were revitalized from their soporific life by the mesmerizing Sufi music experience, codified on 4th Sept, 2012 at AVP Hall. Mr. Jamil Khan and his group were greeted with high spirits by Dr. Murtaza Ali Saloda (ADSW), other staff members and students. It was coordinated by Dr. M.S. Khidiya, Coordinator Udaipur chapter of Spic Macay and student volunteers were Manan Tiwari, Harshit Bhardwaj and Bharat Kumawat. The event aspired to endow folk music in the students who are mostly gravitated towards Western music which is in vogue.



- Dr. Narendra S. Rathore, Dean of our college has delivered a talk on Energy Conservation on World Tourism Day (27 Sept.) organised in collaboration with Deptt. of Tourism and Hotel Association, Udaipur.
- Machines were fed for testing in FMPE Department of CTAE, including rotavator, disk harrow, reversible M.B plough and disc plough.



- Final admission for B-Tech and MBA were completed on 20th Sept, 2012.
- Series of special lectures for 1st year (MBA) students were delivered by:-
 - Shri N.S. Nenawati on 'Business Law and Ethics'.
 - Dr. H.K. Mittal on 'Team Building'.
 - Mrs. Megha Bhatnagar and Mrs. Megha Gupta on 'Communication Skills'.
- Mr. Anshul Rathi gave a video presentation on 'The making of Tata Nano' for II Yr. III Sem. students of MBA (Technology) to illustrate the production management in real life.
- Essays were submitted to CLSU members for National Essay Writing competition on the topic 'Building a Better World Partnering with Youth' with minimum 2000 words.

PLACEMENT Info

- Final selections of 3 students from Civil and 1 from Mechanical and Electrical branch were made by Aditya Cement Works.
- M/S Samundra Institute of Maritime conducted pre -selection trials for the student of Mechanical Engineering Deptt. for campus placement.
- 15 students were short listed for campus recruitment by Vedanta - HZL from Mechanical, Electrical, Civil and Electronics & Communication branch on 15.09.2012.
- Vedanta - HZL recruited 12 students from Mining Engineering on 13.09.2012 and put two on waiting. Selected students will get starting package Rs.3 lakhs/ annum for first six month followed by Rs.5 lakhs/ annum including retention bonus after three years.
- Off campus recruitment by Indian Army was conducted at GITS, Dabok, Udaipur for the students from Civil, Mechanical, Electrical, Electronics and Communication, Computer Science and Information Technology departments on 25.09.2012 wherein students from CTAE participated and got selected.
- Two students of Final year from Mechanical Engg. Department were selected for the post of Graduate Engineer Trainee (GET) by Birla Cement Works.

ASSIDUOUS ATHLETES



First phase of inter college tournaments were held from 15th to 17th Sept, 2012. CTAE bagged 6 out of 9 trophies and stood second in remaining 3, which was the result of upshot of hard work and determination of the participants. The winning events from CTAE include basketball (boys), chess, table tennis (boys and girls), lawn tennis and badminton (boys). Congratulations to Er. Vinod Yadav, Officer Incharge, Games, CTAE.

THINK TeChNiCaL



LATEST TECHNO GADGETS



Element Gaming Mouse Cyclone Keeps Your Gaming Hand Cool

The main difference with this version and the normal Black mouse is that its equipped with a handy fan on the front to keep your hand cool whilst gaming, and is the worlds first gaming mouse of its kind, and may work very well.

The smart pen



The smart pen is capable of writing on any surface and then storing what was just written in to its memory so you can download it later.



Media Mat

Media Mat is a roll up screen. Flexible screens are becoming available recently but tend to be in grey scale and do not have a fast refresh rate. The screen above is full colour and is able to roll right up to be stored away when not in use.

Sony Smart Watch



It adds some smarts to the timepiece. Users can view Facebook updates, tweets, emails, text messages, incoming calls and more on its 1.3-inch screen.

MARS EXPLORATION



Curiosity landed at 10:32 p.m. Aug. 5, PDT, (1:32 a.m. EDT Aug. 6) near the foot of a mountain three miles tall and 98 miles in diameter inside Gale Crater. During a nearly two-year prime mission, the rover will investigate whether the region ever offered conditions favorable for microbial life.

Curiosity carries 10 science instruments with a total mass 15

times as large as the science payloads on the Mars rovers Spirit and Opportunity. Some of the tools are the first of their kind on Mars, such as a laser-firing instrument for checking elemental composition of rocks from a distance. The rover will use a drill and scoop at the end of its robotic arm to gather soil and powdered samples of rock interiors, then sieve and parcel out these samples into analytical laboratory instruments inside the rover.

The mission is managed by JPL for NASA's Science Mission Directorate in Washington. The rover was designed, developed and assembled at JPL. JPL is a division of the California Institute of Technology in Pasadena.

CTAE RELOADED



NSS unit of CTAE celebrated the NSS day on 15 September with great fervor and enthusiasm. On this occasion a visit to Andh Vidhyalay, Muk Badhir hostel and Orphanage was conducted.

Subsequent to this, a cultural program was organized wherein the volunteers put forth excellent performances. We were honoured to count the presence

of Dr. Narendra S. Rathore (Dean), Dr. V. K. Nepalia (SWO) and Dr. M. A. Saloda (ADSW). Dean sir's speech of applause followed by distribution of certificates of appreciation to volunteers involved in the "blood donation camp" made the event a great

PRESS CLUB IS EAGERLY AWAITING YOUR SUGGESTIONS

Dr. M.A. Saloda, ADSW, Along with Zahra Veechavera, Avi Nahar, Nilay Mathur, Honey Jaroli, Rohit Mishra, Satish Vaishy, Richa Jain, Sharvari Mehta and Piyush Nagori, Tushar Ajmera, Viplav Mehta, Pawan Purbia, Purshottam Pal, Harsh Biyani

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