

CTAE TIMES



From the Desk of HOD of FMPE

At the outset, I wish to congratulate the editorial board of CTAE Times for regular and timely publication of this news letter which indicates the sincere efforts and dedication of the students towards their institute. The activities related to the students, staff and various units of the college are highlighted in very systematic manner.

Agriculture is the back bone of Indian economy and mechanization plays a vital role in the growth of agriculture. The Department of Farm Machinery and Power Engineering is responsible for the introduction and modernization of farm machines in different crop production operations resulting in socio-economic growth of the farmers. Department offers various courses at undergraduate level and makes available facilities for masters and doctoral programme, research and training in the fields of Farm Machinery and Power Engineering. The graduate and post graduate students are keeping the flag high in different sectors of agricultural industry including John Deere, Mahindra and Mahindra, TAFE, Escorts, Sonalika, ASPEE and many others.

The department is enriched with three national level All India Coordinated Research Projects sponsored by ICAR, New Delhi namely, AICRP on Farm Implements and Machinery, AICRP on Increased Utilisation of Animal Energy with Enhanced System Efficiency and AICRP on Ergonomics and Safety in Agriculture. The main objective of these AICRPs is to develop and provide machines, tools, technologies to the farmers, which can enhance production, reduce drudgery and save time, money and man power in agricultural operations. Number of machines and technologies have been developed by these schemes for benefit of the farmers of the state/country which have taken place in the inventory of the farmers.

Dr. G.S. Tiwari

Head, Department of FMPE



The Alumni Meet

The Alumni Society of CTAE coordinated the Ex-Alumni Meet cum Felicitation Program on 13th Oct, 2012 at AVP Hall, Er. Madan Chajjed, President, Alumni Society intricated that the society was drafted in 1999 and first meet was organized in 2003 and at present CTAE Alumni Society embodies 3000 members. The chief guest, Dr. K.N. Nag on this juncture enunciated about the commendable role of engineers in the field of agriculture and catapulted the souvenir of the Ex-Alumni Meet. Students who consummated 25 yrs of graduation were gratified and they shared their past experiences and memories. Dr. Narendra S. Rathore, Dean, CTAE articulated the alacritous proliferate in educational standard of college during yesteryears. The program was vanguarded by Dr. Abhay Mehta and vote of thanks was delivered by Dr. N.K. Jain, Secretary, Alumni Society.

CYBER CRIME

To pour the full tide of knowledge amidst the students, CTAE cleared the desks for an ingenious workshop on 'Information Security & Forensics' held from 9th Oct. 2012. Department of Computer Science & Engineering was influxed with participants and the workshop basically mooted on –Ethical hacking, Email exploitation & security, Operating system hacking & security, Malwares (viruses, Trojans, worms), Network attacks, www attacks, mobile hacking, and software reverse engineering. Dr. Narendra S. Rathore, Dean, CTAE, Dr. Naveen Choudhary, Head, CSE, and Dr. Dharm Singh, Assistant Prof. inaugurated the atelier followed by their streak of lectures on the myriads of interesting topics which helped the mass inculcate the tactics of cyber crime artistry.



Guest Lecture on FSO

Department of Electronics and Communication Engineering arranged a lecture by Prof. Devi Chadha, Senior Professor, IIT Delhi, on the topic 'Emerging trends of photonics and free space optical communication and technology' on 29th Oct, 2012. B.Tech. final year and PG students along with entire ECE faculty attended the lecture. She discussed present state of art technology in optical communication and its future scope in our country.



Organization of Events



Students' Activities

- Project seminar for final year students of Agriculture Engineering was held on 9th Oct, 2012 in the Department of Soil and Water Engineering.
- Mid-Terms for first year students were held from 8th to 15th Oct, 2012.



ROBOTICS SPREE : CYBORG

Ebullient young minds were paid positive by the organization of Robotics workshop 'CYBORG' by Kyrion Roboworx subordinating with CLSU team. Inaugural ceremony was ushered in by our respected Dean Dr. Narendra S. Rathore, ADSW Dr. M.A. Saloda and CLSU advisor Dr. H.K. Mittal. Event episoded on 19th and 20th Oct, 2012 in 4 sessions, where the students under the tutelage of experts contrived variegated robots from the provided kit. Before switching off, a feedback session was held and the students seemed to be gratified and they also proffered to have such workshops on regular basis. The event was cosily conducted by Mayank Pokharna and Ashwani Jangid.



- CTAE, CST Student Branch and BSNL, Udaipur organized a quiz competition on the occasion of 12th BSNL Day on 8th Oct, 2012. The quiz included multiple questions on BSNL services such as mobile and broadband services, data cards and blackberry. 3G data usage of 1GB free download for one month was awarded to 8 winners.
- For formulating future research strategies in energy studies and system engineering professors from IIT Jodhpur, Dr. Venkata Ramana Badarla, Dr. Akhilesh Mohan and Dr. Sri Prakash Tiwari, visited CTAE on 26th and 27th Oct, 2012.
- Department of Soil and Water Engineering organized 2 week 'Para Engineers training programme on Watershed Development' from 26th Oct, 2012 onward.

PLACEMENT Info

- Information and Placement Bureau informed B.E. final year students of all branches about University Grants Commission Academics Job Portals on www.ugc.ac.in/jobportal.
- Vedanta HZL selected *Mr. Sanjay Inani*, final year student from Mining Engineering and TCS invited applications of final year students for campus recruitment.
- Secure Metre visited centre of Management Technology for exploring possibility of campus interview.

Congratulations To

- Dr. Narendra S. Rathore, Dean, CTAE, was invited for participation in Educators Meet organized by National Instruments, Bangalore on 17th Oct, 2012 and by National Innovation Foundation, Ahmedabad for screening R&D proposal of North India on 20th Oct, 2012.
- During Wildlife Week CTAE smacked zealous performance with Mayank Pokharna annexing first position in power point presentation and Shilpa Kumari and Aman Kumar

PRAYAS

Creative Art Society (CAS)

Share to Learn

PRAYAS

A step forward for student welfare & development :

CREATIVE ART SOCIETY

*Share
to
Learn*

With Creative Art Society inaugurating a prolific whack i.e. Prayas on 11th Oct, 2012; it compelled to stage the hidden talent. As staring the steps is no use so the students of CTAE have stepped up the stairs. Thereby being the harbinger of change, this venture focuses on 'share and learn' as its prime motto. Creative Art and Society is conceptualized like no other because we ourselves portray it, so from igniting minds through knowledge hub to pouring melody around through music, this key start is by the students and for the students. To have an insight, the first month ceases for a new alpha after- facing the mirror through general quiz, questioning ourselves through corruption issues, detailing the tool to capture the world, getting acquainted with thoughts flowing through the brush. Hence this isn't just the room to applaud talent but stage to point flaws and thereby remove them. To limn it includes 6 clubs to host the creativity around.

Knowledge Hub

Inform and Reform

Literary

Words to Thoughts

Painting

Image to Imagination

Photography

Intuition and Spontaneity

Oratory

Speak and Mend

Music

Painting on Silence

Special thanks to Dean Dr. Narendra S. Rathore, ADSW Dr. M.A. Saloda & Dr. H.K. Mittal (CLSU advisor) for continuous support in formulation of this program & effective implementation of various events.

Team: - Mayank Kedia, Arun Nagar, Mayank Pokharna, Pankaj Narwar, Sandeep Chaudhry, Nikhil Jain, Viplav Mehta, Piyush Nagori, Tushar Ajmera, Harsh Biyani and Pawan Purbia.



QR Codes

1. Reinventing the Shopping Experience: Shoppers are encouraged to browse life-like images of supermarket shelves with their smartphones and scan the QR codes on products to add them to their shopping carts, all whilst waiting for the metro. Their purchases would then be delivered to them at home, with no need to carry heavy bags.

2. Enhancing the User Experience : Some savvy museums and art galleries have been quick to realize the potential in QR codes for enhancing user experiences. Art galleries such as The Cleveland Museum of Art place QR codes next to exhibits to direct visitors to online or audio tours, or to provide more in-depth information.

TECH INNOVA



The charging system is based on "piezoelectric film", a technology commonly used in hi-fi speakers, which turns vibrations into electrical voltage, and is thin enough to be woven into a cotton shirt. The energy gathered from sound waves is stored in a reservoir battery, which can then be plugged into a mobile phone to charge it.

NSS Pre-Republic Day parade was convened on 31st Oct 2012 in RCA and four students i.e. Divya Sharma, Harsha Upadhyay, Naman Jain and Prateek Sharma were culled.

NSO CTAE athletes exemplified their talents in Inter University tournaments which were held from 17th to 19th Oct, 2012 at CTAE grounds. The events included Volleyball (Boys & Girls), Athletics (Boys & Girls), Kabbadi (Boys) and Hockey (Boys). CTAE triumphed in Volleyball (Boys & Girls) and Hockey (Boys) and bagged second position in Athletics. This was all the sequel of their fortitude, firmness and tenacious practice. Prof. Vinod Yadav applauded all the athletes for their ebullient performance in the tournament.

Three Students of CTAE namely Jay Jain II yr., Mining Engg., Tushar Ajmera II yr., E & C Engg., Piyush Nagori, II yr. Mechanical Engg. were selected for Inter University Chess Tournament to be held at Ujjain.



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

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