



**CHANDIGARH
ENGINEERING COLLEGE**
Building Careers. Transforming Lives.

The Communique

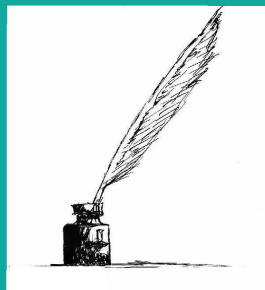
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MESSAGES



Satnam Singh Sandhu
Chairman-CGC

It gives me immense pleasure to know that CEC has come up with the first issue of its quarterly Newsmagazine "The Communiqué" using digital distribution with an aim to showcase its performance. CEC is doing a lot of academic and extracurricular activities within and outside the campus and this magazine will certainly bring greater visibility to the college which is fast developing into one of the largest and the best technical institutes of the region. It is a welcome step and I wish all the best to the students and faculty of CEC for this endeavor.



Rashpal Singh Dhaliwal
President-CGC

I congratulate the faculty and the students especially the Newsmagazine committee members for their efforts in bringing out the first edition of the newsmagazine titled 'The Communiqué'. This Newsmagazine will serve to amalgamate all activities and important events held by various departments of CEC. I am sure this will play an instrumental role in providing a greater exposure to the activities and achievements accomplished by the students and faculty. My good wishes for the success of this Newsmagazine.



Prof. (Dr.) Vikas Singh
Campus Director-CGC

I am glad to know that CEC is introducing a quarterly Newsletter effective 1st Jan 2016. This Newsmagazine will highlight the academic, cultural, sports and other activities of CEC which will help in promoting the image of the institute. My heartiest congratulations and best wishes to the faculty and the students of CEC.



Dr. B. Pattnaik
Director Principal-CGC

Newsmagazine is a snapshot of various activities and advancements of all associated with the CEC. This Newsmagazine will serve to reinforce and allow increased awareness, improved interaction and integration among all of us. Besides that, this medium will also provide proper acknowledgement and respect to all who perform well and excel in their academic or non academic areas. My best wishes to all for its success.

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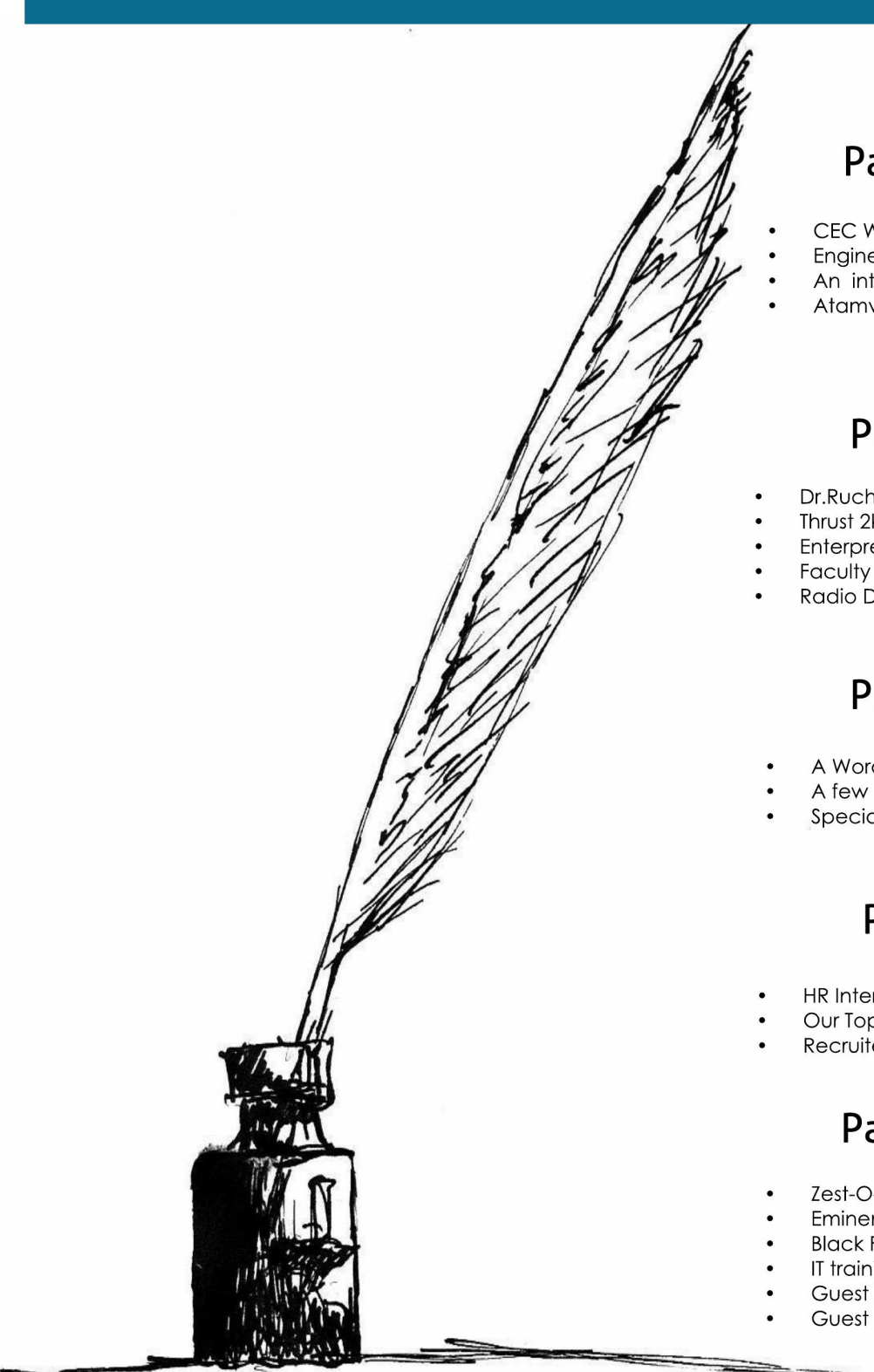
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Engineering Students Play a Pivotal Role in CGC MUN

The students of CEC, Landran played a key role in organizing CGC International Model United Nation's (MUN) a first of its kind event hosted by the Dept. of International Affairs, CGC, Landran on 30th and 31st January 2016, in its campus. A committee of 24 bright students was formed to organize this mega event out of which 16 students were from various departments of CEC. Dr. Ramandeep Saini founder member from the Dept. of International Affairs and Satvinder Bakshi Faculty Advisor from the Dept. of Applied Sciences coordinated with the committee for organizing the event. The main objective of MUN was to expose the students to the vital objectives of the United Nations in solving some of the world's challenging problems with an aim to advance global peace and prosperity and also to provide an action oriented platform to the students to hone their skills in public speaking and diplomatic negotiations. The students and the faculty members of the organizing committee contributed significantly to the glorious success of this prestigious event through their very enthusiastic participation & bringing together over 300 National & International students delegates from reputed colleges & Universities at the CGC campus to deliberate & debate on critical global issues. The Management appreciated the efforts of the faculty & the students in conducting an event of such a magnitude in a successful manner and honored them with mementos and appreciation letters.



In a glittering ceremony at New Delhi, Praxis Media announced the prestigious "National Education Excellence Awards". Chandigarh Engineering College, Landran was immensely praised for its contribution to the cause of technical education and was awarded for the "Most Innovative Engineering College". Dr B. Pattnaik, Director-Principal, CEC received the award from Anil Shastri, Former Finance Minister, Government of India during the function on behalf of CGC. He lauded the efforts of the college in bringing young professionals near to their core area of activity by persistent interaction with the industry. This Award has been given to us as "Most Innovative Engineering College in India"-National Education Excellence Awards, 2016.

The Director Principal Added :

This is because of our outshining performance in Research and Development (R&D) by our students in the academic year 2015-16.

AN INTERVIEW WITH RAHUL PURI SECRETARY GENERAL CGC MUN

Q.1. Being an Engineering student, what made you interested in MODEL UNITED NATIONS?

Ans. Being an Engineering student and a delegate of MUN, I wanted to use my knowledge and wisdom to contribute towards meeting the objectives of the United Nations.

Q.2. How is MUN beneficial for the participants?

Ans. MUN is not just a two day competition. A participant comes out of the conference room with better communication skills, knowledge of the UN agenda including increased awareness of the foreign policies of various countries.

Q.3. What made CGC MUN stand out?

Ans. Well, being the maiden MUN by CGC and having more than 300 delegates speaks itself about this great event.

Q.4. What were the challenges you faced?

Ans. The biggest challenge was to select the organizing team since most of them were unaware of MUN, we had to work hard to teach and motivate them about the MUN and its significance.

Q.5. How would you describe a successful committee?

Ans. A successful committee is the one which has maximum number of portfolios and is well researched too.

Q.6. What advice do you have for MUNers?

Ans. To every MUN and everyone, my advice is simple. Always try to develop yourself each day by a critical analysis of yourself before going to bed so as to improve yourself. HAPPY MUNING !



MY EXPERIENCE IN CGC MUN.....ATAMVIR

My gavel hit the desk, forcing members to calm down, putting an abrupt end to their discussion....

This had become a regular occurrence over the past two days, and it took just a tiny spark to set off the pandemonium. These delegates did not fear anybody when they spoke; they were a fearless bunch, ready to pack a punch. Moderating the discussion and controlling them was not what I had expected it to be. It was a task of diverse and humongous proportions. The Indo-Pak Cabinet, true to its very essence was a committee that defined Indo-Pak relations in this decade. Members had researched well and represented their portfolios with panache. Even though the tension could have been cut with a knife, the house managed to pass an Extradition Treaty which delighted us because it showed the positive and productive approach today's youth were willing to adopt. All in all, it was a really fulfilling and fruitful experience which will forever remain ingrained in my memory because these two days were like no other – be it the delegates, the conference staff, the organizing committee, the agendas, awards, socialsall of it just fit in place perfectly and functioned like clockwork.





CEC encourages its faculty to participate in various National and International conferences to enhance their knowledge and promote their capabilities in the vast field of Electronics. Dr. Ruchi Singla, HOD, Department of ECE chaired a session on Technology in the International Conference on VLSI Systems, Architecture Technology and Applications (VLSI SATA-2016) organized by Amrita School of Engineering, Bangalore Campus from 10th January to 12th January 2016. The aim of the conference was to provide a common platform for better understanding of the integration of VLSI Systems and Design and its Emerging Applications. Renowned researchers, academicians and experts from around the world presented their original research papers on various topics related to VLSI at the cutting edge of technology during this two day conference.

Faculty Development Programme Held

The Dept. of ME, CEC, Landran organized a FDP on Thermal Energy & its Applications from 1 March to 2 March 2016. The prime objective of this program was to update the knowledge of the teaching faculty and enlighten them about the latest advancements in Research & Development in the field of Thermal Engineering. Thirty Five faculty members from various colleges participated in the program. The resource person from various premiere institutions like IIT, Punjab Engineering College, PEC, and Punjab Agriculture University were involved to conduct the FDP. The program started with the lighting of lamp by Dr. G.D. Bansal, Director Principal CEC Landran Technical campus, Jhanjeri, who was the guest of honor for this event. Dr. Vikas Singh campus Director and Dr. B. Pattnaik, Director Principal CEC Landran who were also present on this occasion emphasized the need of such training programs for the faculty to fill the gaps in order to train the faculty in delivering their best to students.

Entrepreneurship Awareness Camp

The innovation and Entrepreneurship Development Cell (IEDC) of CGC, Landran organized a three day Entrepreneurship Awareness Camp from 27th to 29th January 2016 in the college campus. The program was sponsored by the Entrepreneurship Development Institute of India (EDI) which is the National Implementing Monitoring Agency for Training (NIMAT) as appointed by the Dept. of Science and Technology, Govt. of India. The aim of this camp was to expose the students as well as the faculty to the various facets of entrepreneurship and to motivate the students to pursue such a career option in life. Honorable S. Satnam Singh Sandhu, Chairman CGC inaugurated the camp amidst the presence of Respected S. Rashpal Singh Dhaliwal, President CGC, Dr. Vikas Singh, campus Director, Dr. B. Pattnaik, Director Principal CEC including other faculty members & students of CEC. The three day program comprised of lectures by guest speakers expert in the field of Science & Technology and Business Management. The students were apprised of different aspects of entrepreneurship including opportunity, guidance & available Support system. An orientation visit to an industry was also undertaken for direct exposure of students towards entrepreneurship. This initiative will help students to adopt entrepreneurship as a career by arranging funds & marketing the products of their choice.

THRUST 2k16

Techno cultural fest '#Thrust 2K16' organized by #Mechnorobs Club of Mechanical Engineering Department of Chandigarh Engineering College involves technical, non technical and cultural events. The main highlight of the Technical event was JUNKYARD wars in which the students were given scrap and were asked to make something useful out of it. Other events included #CAD modeling on solid works Logo designing, brain power showdown, Hammer Strike, photography exhibition, Lan Gaming, Roadies and Mechnopower. The students enthusiastically performed in the Cultural show in the auditorium. From Qawwali to Fashion Show, from HIP-HOP to Malwai Gidda students put forth a great show. Simultaneously on a different platter, All India #Political Party Meet event was held based on the Agenda

(Intolerant India: Myth Or Reality)



The world Radio Day is celebrated every year on 13th Feb with an objective to raise great awareness among the public & the media about the power of radio to build bridges between people, share information and promote knowledge & values.

The electronics Project Club of CEC Landran, celebrated the world Radio Day on 13th Feb 2016 with great zeal and enthusiasm. The theme of the celebration was "Role of Radio in times of Emergency & Disaster". Satnam Singh Sandhu, chairman CGC welcomed RJ Jassi 94.3 MY FM and Mr. Surinder Singh Chairman IITE Centre Chandigarh who were invited to be the guest of honor for this function. As a part of celebration the students performed solo songs, dances and also showed video files on the related topic. The famous RJ Jassi interacted with the students & entertained them by executing certain activities like quiz, games and awarded the winners with gift vouchers and coupons.

Editors Speak



The CEC e-News Magazine with an expressive masthead will run to 8 pages on thicker-than-normal newsprint. It will be available free online on launch day.

There are many people who aren't currently buying a newspaper, not because they have fallen out of love with newspapers as a format, but because what is currently available on the newsstand is not meeting their needs. This paper has been created as a result of student insight and is the first newspaper designed for students. Students have stopped buying a newspaper in the past two years but we believe a large number of them can be tempted back with the right product. With news, placement tips, knowledge on latest in science and technology, research guidance and much more to cater to the needs of every engineering student this magazine aims at being a guide and a friend to the students. I wish the team of editors success in their endeavors.

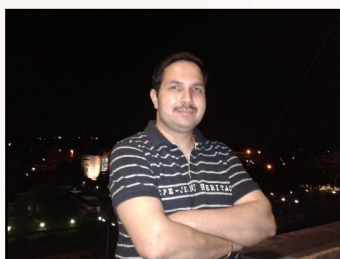
Choosing the right niche is essential to the success of a newsmagazine. A niche is a corner or section of the overall market addressed. There are many different issues, programs, causes, and problems and services you could write about. But it is important to remember that the newsmagazine, in order to become a staple in your community, needs to be somewhat predictable to those who are interested in it as well as something you are knowledgeable about. We are here trying to promote a service for our audience that is students. A good purpose or aim we carry is to highlight your success and to provide you with tips to achieve excellence. How readily can you reach your target is what we want to see? We look forward to contributions from faculty, students and others for the success of this news magazine.

Krishan Kant

Editor

Assistant Professor

Deptt. of Applied Science



Dear Reader

It is a matter of great happiness for all of us to have the first issue of the periodical 'The Communique'. This newsmagazine is not meant only to portray a mix of newsworthy reports about the activities and achievements pertaining to various departments of CEC but more importantly also serves as a window of opportunity for the engineering students to express their creative talents. We have received some very exciting and interesting stories from the students for this issue and do hope that this magazine will attract and encourage many more students to showcase their talents or come up with some brilliant and thought provoking ideas for the coming up issues of 'The Communique' every three months. Besides the above contents, this magazine will also feature sports and cultural events of the college.

I take this opportunity to extend my profound thanks to all the faculty coordinators, students and all others associated with the layout and designing of the newsmagazine. I also appreciate the guidance and support given by the management to make this endeavor a success.

Satvinder Bakshi

Editor

Assistant Professor

Deptt. Of Applied Sciences

The editorial team is thankful to the staff of various departments who have assisted in the success of the news magazine. It would not have achieved its rightful aim without the motivation, assistance and guidance of the college management. Assistance by the branding department needs special mention here as they guided our technical designer Mr Gunagyam in finding the perfect touch for this news magazine. We invite suggestions and views for bringing in improvements in our future issues.



TOP RECRUITERS



Akshay Shekher of B.Tech. CSE who has been placed in AMAZON sharing his success said that "It is very important to be thorough with your basics. Once your concepts are clear then it is not very difficult to clear the interview or the tests taken for placement. Many students believe that placement is a complicated and tricky thing but that is not the case as we are well prepared during the training provided to us for placements. If you divide your time well and start preparing in advance, then nothing can stop you from achieving success. Besides this I took many mock tests as practice makes one perfect."

Ridhima who has found placement in Deloitte while showing her ecstasy on success shared that: "I don't see any difference between the Online and pen-and-paper format. If you're well-prepared and confident about your preparations, then the format of the test should not make a difference to you. In CGC we are provided with training in both the formats so that we do not make any mistakes while sitting for the exam."

Nikhil Koul who has been selected in HP says that hard work and right guidance are the keys to success. While being in this institution I have acquired skills for both. I am thankful to the college administration as well as very knowledgeable and helpful teachers who always worked for bringing out the best in me. I joined the college with an aim to work for a big multi national firm and with the help of hard work I am today a part of HP. Every student who wants to attain success must carry passion for success first.

1. Tell me about yourself.

Good morning/Afternoon Sir/Ma'am. First of all thank you for giving this great opportunity to me to introduce myself in front of you. My self _____ (Your Name). I belong to respectable middle class family in _____ (City/Village Name). At present I am pursuing final year B.Tech ECE/ME/CSE/EEE/CIVIL at _____ (College Name) in _____ (College Place). I am a quick learner and sincere person. I am self motivated and flexible to adapt to conditions. I am always keen to learn new things whenever I get a chance. Apart from studies I am very good and enthusiastic in the field of sports(____). I am a player of Lawn Tennis and I have been associated with this game for the last five years. My hobbies are listening to music, Reading News paper, playing games and singing songs. We are five members in my family including me: my mother, Father and 2 siblings. My short term goal is I want to get a job in a reputed company like yours. My long term goal is I want to reach a respectable position and part of success of that company. Thank you for making me speak about myself.

2. Why should I hire you?

As I am a fresher, I don't have any experience but I am willing to work for you in any kind of situation. I have ability to work with your organization and I can show my ability getting a chance for working with your organization. This is an opportunity to start a career that I definitely don't want to lose so I will give my cent per cent to give my best. I am searching for a platform where I can prove myself by utilizing my knowledge, skills that are useful for the development of the organisation I am associated with.

3. What are your strengths and weaknesses?

strengths: My strength are 1. I have good communication skills and leadership qualities. I got my confidence from my experiences like I was able to manage the 1000 members with different mind sets in my tech fest as an organizer. 2. I can handle myself in difficult situations, can motivate others. 3. I am punctual and very enthusiastic to learn new things. 4. I have good quality of being positive, I can enjoy comments (on me) and can make my surroundings happy with my sense of humour. 5. I am a quick learner and I am ready to work with the team with positive attitude. Weaknesses: 1. I don't like people, who are always telling just good qualities in me. 2. I can't say no to anyone. 3. Taking over responsibilities.

4. What is the difference between confidence and over confidence?

"Only" is the one word that changes the difference between confidence and overconfidence like I can do this work is confidence and I only can do this work is overconfidence.

I am going to give my best in the interview to impress the panel, this is confidence. The interviewer is definitely going to hire me, that's over-confidence. Or I'm the best person to hire for or company – Confidence. I'm only the best person to hire from or company – Over confidence.

5. What is the difference between hard work and smart work? (Your reply to this question will be published in next issue)



The Department of CSE organized a unique event titled 'Black and Flap' on 5th Feb 2016 at CEC Campus. The main objective of the event was to instill confidence among students to debate readily on various National and International topics related to industrial development, privatization of education and inclusive growth etc. A total of 43 students participated in the first round of this debate competition out of which 10 students were selected for the final round of the event. The criteria for selection of winners of this "Black and Flap" event was based on clarity and distinction of debate between both notions of the topic besides judging their speaking skills. The concept was both unique and refreshing for the participations that seemed very enthusiastic about this event and made it a huge success. Shimona, Nishthha, Niharika from CSE were adjudged first, second and third respectively.

EMINENCE 2K16

As per the culture of Department of Information Technology, Chandigarh Engineering College, Landran, organized inter-departmental technical cum co-curricular activities under "Eminence 2K16" on 2nd March 2016.

These activities were organized with an objective, to provide a platform to the student of Department of Information Technology and to provide them platform where they can showcase their talent with a competitive spirit and to enhance their personal and professional skills. The inter-departmental activities were executed with a total number of 11 events which were planned and organized at its best quality by student coordinators and faculty members focusing on the interest and the need of engineering students. The activities included project display, Interview Emperor, Express-O-mania, Word Power, Code War, Student parliament, Design-O-Pedia, Personality Test, Brain storming, Trouble Shooting and Graphic Designing events were organized. The winners were congratulated and encouraged with trophies, gifts and certificate of appreciation by college authorities.



GUEST LECTURE ON CLOUD SIM

The department of CSE invited Prof. Dr. Mayank Aggarwal, Head, CSE, Faculty Institute of Engineering & Technology, Guru Kashi University Haridwar for a Guest Lecture on 28th Jan 2016. Dr. B Pattnaik, Director Principal CEC and Dr. Amit Varma, Hod CSE welcomed the Chief Guest at the inaugural function.

The objective of this academic exercise was to apprise the students about the latest advancement in IT Infrastructure and application development to promote cloud based computing. Dr. Aggarwal motivated the students with his innovative ideas to enable them to pursue their research work on Cloud SIM which is the future of computing. The guest lecture was followed by an interactive session with the students which would prove helpful to M. Tech students to carry on their research work and for future placements. Over 70 students including faculty members attended this workshop.



IT Training Programme

The Department of IT, CEC, Landran organized a five day training program for the faculty on the subject "Mobile Computing" at its campus from 15th to 19th February 2016. Based on information and communication technology (ITC), this program was sponsored by the National Institute of Technical Teachers Training and Research (NITTTR), Chandigarh. The aim of this training program was to improve the efficiency and effectiveness of education by training the faculty on various technological aspects of mobile computing.

A total of about 50 faculty members from the departments of IT, CSE and ECE participated in this program. A galaxy of eminent scientists, academicians and researchers from NITTTR and Punjab Engineering College, Chandigarh conducted various scientific sessions on a predesigned curriculum to cover all technical aspects of mobile computing.

Department of Computer Science Engineering organized one day techno cultural fest "Zest-O-Fiesta" at CGC Landran. This year the main focus was given to the theme "Restoring Faith in Humanity". The various events held on the occasion were comprised on three categories i.e. Technical, Non Technical and Cultural. During the cultural event students performed skit, Bhangra, fashion show, live band and flash mob. The event concluded with prize distribution to the winners and a special surprise award was presented to the best dressed male and female faculty member by Dr. Vikas Singh, Campus Director

GUEST LECTURE ON CROWD SOURCING

The Dept. of CSE invited Dr. Deepak Garg, to deliver a lecture on crowd sourcing to the under graduate and post graduate students of Computer Science on 18 January 2016. Dr. Deepak Garg highlighted the benefits of crowd sourcing by using the potential and ideas of people with an aim to have a high quality of content and superior generation of ideas.



Dr.Amit Verma

Professor and Head
CSE Department

"Image Processing Techniques for Tumor Detection "

Amit Verma, Professor and Head, Department of CSE, CEC recently presented a research on, "A Survey on Image Processing Techniques for Tumor Detection in Mammograms", his research has much relevance today as tumor today is a big threat in eastern part of the world. His presentation during 10thINDIACom; INDIACom-2016; IEEE Conference ID: 37465 2016 3rd International Conference on "Computing for Sustainable Global Development", from 16th - 18th March, 2016 at Bharati Vidyapeeth's Institute of Computer Applications and Management (BVICAM), New Delhi (INDIA) was richly appreciated by well acclaimed researchers in the field. Dr.Amit Verma has a teaching and research experience of 12 years in the field of computer science and engineering well acclaimed research was much appreciated during the presentation.

Power control Device with Real time Clock

Hardeep Saini has seven year research and teaching experience in the field of embedded systems. Recently he has completed a Consultancy project with ABCTechserv Pvt.Ltd. This device is cost efficient and has long life functionality features. In this project, power control refers to the process of controlling the power of a transmitter to achieve better communication signal or overall quality of service. It is mainly used to control the transmitting power of a communication device to achieve better performance.

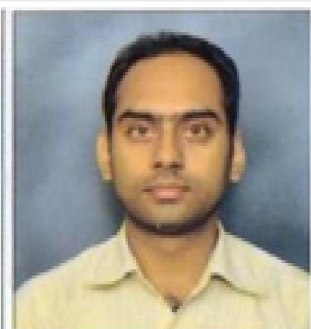
Typically, power control allows the transmission or signal power to be scaled, which results in better signal quality. However, power control algorithms are also designed to not scale the power unnecessarily high. Therefore, power control keeps a balance between low, average and high transmission powers for optimal signal or system quality with time variant.

This device is best suitable for hospitals to operate high power machines like MRI, CT Scan and X-ray machines.



Hardeep Saini

Asst. Professor , ECE
Department



Mahesh Sharma

Asst.Professor Applied
Science Department

Search for halo structure in ^{37}Mg using the Glauber model and microscopic relativistic mean-field densities

Assistant Professor Mahesh K. Sharma is a researcher in Physics. He has done nascent research in the field of nuclear physics and his research has been well acclaimed the world over. He has a teaching and research experience of more than 10 years. The research paper on "Search for halo structure in ^{37}Mg using the Glauber model and microscopic relativistic mean-field densities" is the one that has been published in American Physical Society in Journal of Physical Review C. Citing his paper, he investigated the ground-state properties like binding energy and charge radius using relativistic mean field formalism (RMF) for Mg isotopes from the valley of stability to the drip-line region. The RMF densities have been analyzed in the context of reaction dynamics. The results for $^{24-40}\text{Mg} + ^{12}\text{C}$ reactions at projectile energy of 240 MeV/nucleon are calculated using the Glauber model with the conjunction of densities from relativistic mean field formalism and compared with experimental data. They found nice agreement of estimated values of the reaction cross sections with the data values, except for the ^{37}Mg isotope. In view of this, the halo status of ^{37}Mg is examined through a higher magnitude of rms radius, one neutron removal cross section, and a small value of longitudinal momentum distribution. Finally, an effort is made to explore the structure of ^{37}Mg halo candidate using Glauber many-body formalism.

ANTI DOPING WORKSHOP

A workshop on Anti Doping Awareness program was held at CGC campus, Landran in collaboration with the IK Gujral Punjab Technical University and the National Anti Doping Agency (NADA) under the Ministry of Youth Affairs & Sports, Govt. of India. The main objective of this program was to promote awareness about the harmful side effects of dope substances in sports. A total of 150 students from over 25 PTU affiliated institutes participated actively in this workshop. Dr. Amanpreet Singh, Registrar PTU Jalandhar who was the Chief Guest informed the students about the adverse affects of drugs and advised them to refrain from using these drugs as their use is also a violation of the rules in sports. Mr. Rahul Gupta, PCS, Secretary cum Director Sports, Punjab was also invited to be the guest of Honor for this workshop. A detailed information about the misuse of Dope substances and the benefits of wrong national & dietary supplements was given to the students through lectures & video shows. The event concluded with distribution of certificates to the participants by NADA.



STUDENT ACHIEVEMENTS

- Started Joint Research with CDAC Mohali
- Participated in Mini F1 Racing Organized by Sae International at USA.
- 1st position in Lashkara fashion show at IIT Ropar
- Akshay Bhatt got first prize by creating water rocket in SPECTRUM 2016 in IIT Roorkee.
- Second Position in number of students succeeded in TCS CodeVita in entire north region .
- First Position in Punjab, (Vibhuti Joshi 6th Sem) MTV Colors of Youth event at Amity Noida.
- 5 Students Joined Microsoft as Graduate Trainee Engineers.
- Conducted PTU Sponsored five days FDP on Computer and Communication with a Grant of Rs. 50000.

LETS CHECK YOUR SCIENCE!!

- Q.1 Brass gets discoloured in air because of the presence of which of the following gases in
A.Oxygen B.Hydrogen sulphide C.Carbon dioxide D.Nitrogen
- Q.2 Which of the following is a non metal that remains liquid at room temperature?
A.Phosphorus B.Silver C.Boron D.Mercury
- Q.3 Chlorophyll is a naturally occurring chelate compound in which central metal is :
A.Copper B.Magnesium C.Iron D.Calcium
- Q.4 Which of the following is used in pencils?
A.Graphite B.Silicon C.Charcol D.Phosphorus
- Q.5 Which of the following metals forms an amalgam with other metals?
A.Tin B.Mercury C.Lead D.Zinc

ANSWERS: 1 B 2 B 3 B 4 A 5 B

PATENTS

2601/DEL/2015, "Advanced Server Protection Framework", , invented a framework which protects the server from the different types of attacks especially DDoS attack and from the overloading due to bulk request from the clients. This framework also increases the reliability and capacity of the server.

3192/DEL/2015, "AUTOMATED MEHNDI APPLYING MACHINE", Aautomatic Mehndi Machine is proposed which will apply the mehndi according to the design feed in the system.

3810/DEL/2015, Shashi Bhushan, Jaspreet Singh, Ishant Raju, Nishant Raju, "BIOMETRIC CARD (B-CARD)", Patent filed under Intellectual Property Right (IPR) on November 20, 2015.

| | |
|--------------|---|
| Steffi Kalra | Gold medalist in PTU intercollege Badminton championship |
| Jaspreet | Gold medal in Badminton |
| Ayushi Verma | Bronze in basketball university level |
| Priya | Got 3rd position in Relay race at Gharuan Campus Got 3rd position |

26
Member Team from
ME Department took part in
Mega ATV Championship held at
Bhuvaneshwar.



In a historic development, Chandigarh Engineering College, Landran had the privilege of opening the student chapter of American Chemical Society (ACS) in its campus on 22nd January 2016. Established in 1876, ACS is a prestigious society devoted to research in the subject of Chemistry. A total of thirty seven B.Tech students of CEC have been enrolled as members of the society. In addition 9 faculty teachers have also joined as members of its executive committee. This association with ACS will help the students and faculty to use the latest available resources to carry out research. It will also open more job opportunities for graduates and facilitate networking with researchers of other countries. Besides above all, It will also help the students and faculty to keep themselves abreast of the latest research in the field of Chemical Science.

Satnam Singh Sandhu, Chairman, Chandigarh Group of Colleges appreciated the efforts of the faculty and students in opening up this chapter and said that this will certainly go a long way in improving the standards of research and enhance the use of new technology. Rashpal Singh Dhaliwal, President, CGC while appreciating the effort said that CGC is an institution that has always worked for bringing in excellence and this chapter will certainly go a long way in promoting research based skills among students.

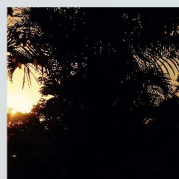
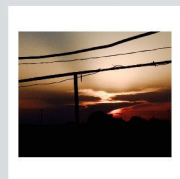
The Applied Sciences Department of Chandigarh Engineering College, Landran under the banner of "Excelsior Club" celebrated Science Fest on 30th March 2016. The purpose of conducting this event was to enhance the scientific temper among the students. More than 150 students took part in various competitions held during the Fest. As per the tradition, the function started with the Lamp lighting ceremony by all the dignitaries and a welcome address by the students of the college.

A Science Quiz was conducted related to the subjects being studied by the students in the first year. About 200 students appeared in the first round and 32 qualified for the second round. The six finalists played in teams on the final day. Himesh Chopra and Rythem Bansal, both the students of CSE, emerged as winners after clearing three rounds of the quiz.

In addition, a number of Science Projects and models were also displayed on this occasion related to the subjects of Physics, Chemistry, BEE, FCPIIT and EME which were well appreciated by all. A panel of judges selected the best two projects from each subject. The Chemistry project which bagged the first position was Biodiesel fuel from Algae which could be used for making eco-friendly biodiesel. In Physics, the best model selected was a wireless starter which could operate from a distant position even from one country to another through a phone ring. Trophies and Prizes were given to the students for the best entries.

The Chief Guest for the occasion Prof. Dr KS Vishwanathan from ISSER, Mohali said that these programs should be conducted regularly to popularize science and technology among the general public, especially the student community. Science and engineering must understand each other's language for better results and accidents in lab have many a times led to greatest inventions, he opined. He also highlighted the role of Chemistry in Industry and encouraged the students to focus on research to develop new technology.

THE SHOT STORY



Raunak Kharbanda, a student of CSE Department, Applied Sciences is a very promising photographer who has a strong inner urge and an appreciative eye to capture any sensitizing moment anytime and anywhere. As per his own narrated story, Raunak revealed that his passion for photography just happened and kept on growing within him rather quietly. He further expressed his feelings by saying, "I capture life."

We do believe that Raunak will keep on pursuing his passion and we wish him the best of luck.

THE WIZARD GUNAGYAM

A few years back I got this crazy fever of photography on my mind. I wondered how the professionals edited and took such a great photo but in no time I was creating my own WOWmakers. I learnt everything from the scratch, learning online. I am always curious about new technology and softwares. One day a senior advised me to work for my CSE Department which would help me to hone my creative skills. Without giving a second thought I agreed and here I am who has not only designed Annual Technical Magazine "THE BYTE" of CSE Department but also played a key role in designing posters and other artworks for CSE's biggest Fest-O-Fiesta. I have thoroughly enjoyed Graphic Designing of the first issue of the CEC Newsmagazine "The Communique". I am lucky that I've been supported and guided by my teachers who have encouraged and appreciated my creativity.



Arjun Mahajan, a CSE student of Applied Sciences, CEC, Landran is a talented singer who was in the spotlight for being selected for the north zonal finals of the 'MTV Colours of Youth' singing competition held on 5th March, 2016 by competing against the most talented youth of the country. The show was judged by a panel of judges comprising of Bollywood actress Perizaad Zorabian and Nikhil Chinappa a well known Radio Jockey and a popular TV presenter. The MTV finals would be held in Goa in end March, 2016.

His singing talent was spotted by his school teacher when he was in class 4th and was taken in the musical choir of the school. Encouraged by his teachers and parents, he did a Diploma course of five year duration in Music at the Prayag Sangeet Smriti, Allahabad.

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