What’s Inside

- Faculty development program on “CREO (CAD/CAM)”
- RUKHSAT: Farewell of Diploma Students
- One Day Project Exhibition of CSE Department
- Industrial Visit to GNA Industries
- Official from Global Institutes participated in EDP Coordinators Meet-June 2016

PHOTO of the MONTH

Students on educational trip to AIPL (ADVANCE INDIA PROJECTS LIMITED) Ambuja site at Khanna
Faculty development program on “CREO (CAD/CAM)”

Department of Mechanical Engineering of Global Institute of Management and Emerging Technologies, Amritsar organized a Faculty Development Program on “CREO (CAD/CAM)” from 30th May to 03rd June 2016. The HOD of ME Department Prof. DS Bhambra, faculty and staff members welcomed Er. Amit Kumar PTC, New Delhi. Er. Amit has done B.Tech in Mechanical Engineering from Amity University. He is working as an Applications Engineer in Design Solution Pvt. Ltd Delhi as a PTC venture. He gave an insight view of CREO software along with training objective and outcome. First day, Mr. Amit gave detailed information of CREO software interface and how it helps to the students in the industry as well as in practical lab.

The objectives of the workshop/training are given below.

1. Faculty members will be able to understand the basic of CREO interface.
2. Faculty members will be able to apply the workshop/training knowledge into classroom teaching and training the B.Tech Students.
3. Faculty members will be able to make the different projects/models on CREO. Mr. Amit gave the software presentation of CREO with different commands like extrude, swept, blend, revolve and sweep in Morning session and hands on practice in afternoon session. All faculty and staff members has interacted and made 2D/3D drafting on CREO software. The following Projects made by faculty and staff members using the general commands like Drawing, Extrude, revolve, blend, swept blend etc.


Prof. Amrinder Singh extended a vote of thanks. The Director presented a college memento as a token of remembrance.
The faculty and students of Global polytechnic college gave a fond send off to the final year students of all diploma streams. The "RUKHSAT 2016" was organized in the college auditorium with lots of enthusiasm. It was an occasion for the outgoing students to look back at the time that they have spent in the college.

The function began with a floral welcome of Chairman Dr. Baldev Singh, Vice Chairman Dr. Akashdeep Singh, Director Dr. Rajesh Goel along with all the dignitaries. After the lamp lighting ceremony, Dr. Rajesh Goel/(Director,GIMET) wished good luck to the students for their bright future and appreciated the efforts taken by the students of polytechnic college.

The programme began with the recitation of shabad. Then the function got off with a spate of dance, music and laughter as the hosts tried to impress the audience with the showcasing of their skills. Juniors organised a group bhangra event which was the pick of the day. The function was filled with more fun by games played by the students along with the full support of faculty members.

The farewell evening saw the crowning of Mr. Gurwinder Singh (civil deptt), Ms Amanpreet Kaur (CSE deptt) as Mr farewell and Ms farewell. The function was full of fun and frolic.

The Vice chairman Dr. Akashdeep Singh and Mr. Charanjit Singh (Principal GPC) wished all the best to the outgoing students for success in the future.
RUKHSAT: Farewell of Diploma Students
(GLOBAL POLYTECHNIC COLLEGE)
A Project Exhibition was organized in Global Institute of Management and Emerging Technologies on 2nd June 2016 for B.Tech Final year students of CSE stream. On this occasion, Prof. (Dr.) Rajesh Goel, Director, GIMET, Dr. Sandeep Singh (HOD, CSE) and experts were present to motivate the students. Around 116 students participated in the exhibition and presented their projects. PowerPoint presentations were the primary way to describe their work and discuss the goal of their projects. This event became the preliminary platform for students to develop technical skills so to face placements in future. Many students participated in the exhibition and presented their projects.

Many projects were displayed on this day, description of some projects are as follows:

1. **Best Deals** - This is a website where territorial manager manages all merchants in their territories and monitor them. Merchants can add list of deals and offers that he has for users. User can view these offers and deals on various products in various categories.

2. **Easy Bargain** - This is a website where bargaining on products can be done by using various coupons. It uses coupons and then apply coupon we can bargain on various products added in users cart.

3. **Job Portal** - It is a website where jobseekers get information about various jobs added in portal. Employers post jobs in their login and jobseekers view the jobs in various categories like technical, administration, teaching etc.

4. **Clever Wallet** - It is an IOS based application which runs in iphones. It limits the approach to carry cash in pockets. User can add money in their wallet and can purchase anything from market or online shopping by using this application.

5. **Spend Smart** - This is JSP based website used for price comparison for various products or items during online shopping. Admin adds products and its price in their logins and user purchases this product get option for comparing its price from internet.

6. **Notes Sharing** - This is a website which works like mediafire where notes can be shared by any person in a network. We need to simply create an account, then upload the documents which we want to share to anybody in our network. To download the document user simply access his/her account to download it. It supports document format of doc, docx, pdf.

7. **Houzz** - It is an android based application for interior designing and decoration works. User need to simply create an account to book interior decorator for designing their offices/homes etc.

Some of other projects were Gift Fairy, Expense Tracker (mobile App), Be a star Bridal, Online Air Ticket Booking etc.
With an objective to introduce and organize entrepreneurial development programmes for students along with their academics that help students to explore innovative ideas and skills so as to channelize the same into accelerating industrialization, PTU organized one day EDP Coordinators Meet at its campus. On behalf of Global Institutes,
Mr. Bikram Pal Singh, Deputy Dean-Training and Placements participated in that meet which was chaired by Mr. Manish Trehan, Chief Executive Officer, PTU Nalanda School. Mr. Hirdesh madan, Member-Executive Council, The Indus Entrepreneur (TIE) and Mr. Ajay Tewari, President, The Indus Entrepreneur (TIE) also graced the occasion by interacting with the respective EDP Coordinators from all constituent Engineering Colleges of PTU.

The basic points discussed in the meet are as follows:
1. To identify and train the potential of the students interested to opt entrepreneurship field and to develop necessary entrepreneurial knowledge and skills among them.
2. To impart basic managerial knowledge, understanding and to provide them post-training assistance.
3. To develop and strengthen entrepreneurial quality and motivation among students
4. To help students in selecting the right type of project and products and to formulate the effective and profitable project.
5. To develop small and medium enterprising sector which is necessary for employment generation and wider dispersal of industrial ownership.
First year Students of B.Tech (CSE, IT) visited GNA Industries, Hosiharpur. GNA Industries is a name that has made its presence felt in the world of auto-parts, with values like integrity, commitment, dedication and latest state-of-art technology. A pool of highly trained and highly motivated workforce of over 2500, managed by a team of professional managers who are second to none. The objective of the visit was to gain knowledge about manufacturing of various parts of automobiles. This trip adds some memories in their busy academic schedule of graduation. At last, every student was very happy and conveyed special thanks to the Vice Chairman, Director and HOD for arranging of this wonderful trip.
Site Visit to
AIPL Ambuja

Students of B.Tech (Civil Engineering) 3rd semester visited AIPL (ADVANCE INDIA PROJECTS LIMITED) Ambuja site at Khanna to get practical information regarding structural designing of Project. AIPL Ambuja Housing & Urban Infrastructure Ltd. is a joint venture between Advance India Projects Ltd. and Ambuja Realty Group, to provide high quality housing solutions tailored to meet contemporary lifestyles. With a string of premium commercial projects for some of the best corporate brands in New Delhi and Gurgaon, and after creating the most sought after homes in Kolkata, the AIPL and Ambuja Realty joint venture is all set to begin its long journey into the emerging new-age India.
Faculty Development Programme is a part and parcel of academics. There is a huge Knowledge explosion. Faculty must be aware of latest techniques and trends in education. As Growth is Life, faculty must grow. Keeping this in view, Global Institutes of Management and Emerging Technologies (GIMET) Amritsar, organised a two-day workshop on the topic “Impact of Emotions on Learning”. The speaker was an eminent scholar Prof (Dr). Lakhwinder Singh Kang, Head of the Department of Commerce, GNDU, Amritsar. The two-day workshop was a fine blend of self-exploration and information. Dr Lakhwinder Singh made the interaction lively with his presentation skills. The workshop started on 9th June 2016 at 10 am in the Institute’s Auditorium with the presentation of bouquet to the guest by the Vice-Chairman Dr Akashdeep Singh and the Director, GIMET, Dr Rajesh Goel. The stage was managed by Ms Garima Malik of ECE Department. Director Dr Rajesh Goel welcomed the speaker and highlighted the guest’s achievements. He insisted that a good teacher is a student first. Teaching is an art. It is and can be learnt through experience and practice. A teacher is an artist. He must know how to handle the students in the class. Their age, mental-level and emotional level must be kept in mind. Emotions have a great impact on learning. Everyday at every step, the emotions of the students must be gauged by the teacher. Emotions are many. Each student is an individual unit having different background. An efficient teacher is he who understands the emotions of the students and changes his pedagogy according to the situation and environment.

Student and Teacher are closely related to each other. After parents, it is the teacher who plays a vital role in shaping their personality. Teacher is the role model for the students. “Students are a very delicate stuff and should be handled very delicately” Dr Lakhwinder added.

Dr Lakhwinder Singh emphasized the importance of Self-Assessment. How the Teacher rates himself as a Teacher and as a person—“Excellent, Very Good, Good, Average, Poor, Very poor”.

The College faculty feeling jubilant in the accompany of college management & Dr. Lakhwinder Singh
The Teacher himself is his best judge. He should try to overcome his shortcomings himself. Then the Teacher must be clear about his vision of “Purpose of Education”. Is the purpose of Education to produce “Excellent scholars with low moral values” or “Excellent ideal human beings with high moral values”? The choice rests with the Teacher. A Teacher must know that respect is commanded not demanded. How to be worthy of students and meet their demands, is a matter to be known and understood by a Teacher. He must learn to dramatise topics in the classroom.

“A Teacher should go to the class well prepared. His lecture should be well organised. He should experiment with new in-class activities. Challenging questions should be put in the class”. This is what Dr Lakhwinder Singh Kang emphasized.

The second and concluding day (June 10, 2016) was more interesting and rewarding. Faculty of GIMET, GIM and GPC put many thought-provoking and innovative questions to the speaker. The Speaker appreciated the level of the questions, presence of mind of the faculty and the desire to learn through questioning.

Many interesting and entertaining videos were shown by the presenter to make the topic more comprehensible. All the videos showed different type of Emotions.

The workshop concluded with the listing of Academic Emotions. Each emotion was well defined and well explained. Some of these emotions are: Enjoyment of Learning, Enthusiasm, Hope, Relief, Pride, Gratitude, Anxiety, Shame, Quietness, Surprise, Curiosity, Confusion, Frustration, Contentment, Boredom, etc. Some of them are Positive Emotions; Some of them are Negative Emotions.

To Conclude, The Faculty gained a lot from the experience and knowledge of the speaker, Dr Lakhwinder Singh, who was highly satisfied with the active participation of the faculty in the Interaction. The Workshop ended with a vote of Thanks by Ms Garima.
Mohana Singh’s teachers recall her academic years

Neeraj Bagga
Tribune News Service

Amritsar, June 18

Teachers at Global Institutes who taught Mohana Singh, one of the first batch of three-member women fighter pilots, who joined the Indian Air Force (IAF) today, recalled her days at the institute.

Her teacher Navpreet Singh, who taught Analog Devices and Circuits in her BTech course, said she was a curious student keen to know the advance-level analog devices and various circuits. She was keen to design her own circuits and was interested in knowing the sensing of the electronic system as a whole.

Another teacher, Neetu Gupta, who taught Digital Circuit and Logic Design to Mohana, said she was interested in finding fast-error free-digital circuit. She was constantly involved in designing logic-design circuits.

She also taught her Microwave and Radar Engineering and also Wireless Communication Systems. She recalled that Mohana was drawn towards designing the technical and theoretical aspects of these important subjects used in aircraft engineering.

Paramjeet Singh taught Network Analysis and synthesis to Mohana Singh. He said Mohana was of the opinion that Electronic Network was the basic requirement for synthesising the control system.

Global Institutes congratulated its former student who is a part of the first batch of the three-member women fighter pilots, who joined the IAF today.

Global Institutes chairman Dr BS Chandi and vice-chairman Dr Akashdeep Singh intimating the good wishes of the staff and students of the institute felicitated Mohana Singh in a note for her trailblazing success that was an inspiration for hundreds of gritty young women in the nation.

Mohana Singh’s alma mater wished that she crosses many more milestones in future.

She did her BTech in Electronics and Communication Engineering with 83.68 percent marks in 2013 and hails from Jhunjhunu district of Rajasthan. Mohana joined the Institute while her father Pratap Singh was posted in the Army.

She has brought laurels to all women of the country with this feat and proved that for a woman of determination, the sky is the limit and she can face challenges, conquer barriers and obstacles and emerge victorious.
Global In News

GIAS NEWS SERVICE

30th June 2018

Students of the Department of Electronics and Communication Engineering of Global Institute of Amritsar (GIA) have designed and fabricated a smart wheelchair that will be helpful for differently-abled people.

While congratulating the student team for the independently created wheelchair, GIA vice-chairman Ajaydeep Singh said, the project was envisaged to cater to the Prime Minister’s idea of “Make in India” and “Made in India.”

“The robotic smart wheelchair will make a difference in the lives of differently-abled, as it can enable them to play sports, take part in activities and overcome physical barriers. It will also be useful for senior citizens, who suffer from multiple arthritis-related and other problems. Besides giving them mobility, it will help them lead a better quality life,” he said.

The smart wheelchair has been designed and developed by a team of eight that year electronics engineering (ECE) students – Lovender Singh (captain), Neelam Kaur, Preetham Kaur, Mehak Nand, Rupinder Singh, Sheetal Singh, Rabinder Nand and Prabhjot Kaur. Students completed the entire project under the guidance of Prof. Neeta Gupta, Head, ECE Department.

Team leader Lovender Singh said, “The total weight of the smart wheelchair is 28 kg. It can carry weight up to 120 kg. Most of the wheelchair components are in the price range of up to Rs 1 lakh while the approximate cost of our wheelchair is Rs 1.10 lakh.”

The wheelchair has a seat width of 46 cm with built-in microcontroller. It has been designed and manufactured to handle a wide variety of tasks. Users can operate the wheelchair without any assistance. Its broad large rear wheels give more stability for maneuvering.

“The basic structure of the wheelchair consists of an ergonomically designed seat and back support, adjustable arms and feet near Seeta Gupta explained. “A sensing device is fitted on the user’s hand. The user can control it as a hand-operated device and change directions. The sensor generates commands, which are received by a servo motor fitted on the chair. The receiver drives the motor fitted to the wheelchair in a particular direction taking cue from the movement of the hand.”

Lovender said, “The top speed of the wheelchair is 15 km/h with full charged battery. It can run for 5 km. Once the battery is discharged, it can be recharged within two hours.”

Globel Insititute's of the students have been engaged in the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.

Mr. Gobind Makkar, Dean, Faculty of Engineering, GIA, said, “We are proud to be associated with this initiative. The students have put in a lot of hard work and dedication into this project. The wheelchair is an innovative and practical solution to the mobility needs of differently-abled people.”

The students have been working on the development of the wheelchair for the past one year. They have been working on various aspects of the project, including the design, fabrication and testing of the wheelchair.
कम दाम की ‘स्मार्ट’ हील चेयर बनाई

अमृतसर(पी. न्यूज) : नेटवर्किंग संस्थाओं अमृतसर (राज.) के इलेक्ट्रॉनिक्स और संचार इंजीनियरिंग विभाग के छात्रों ने एक रोबोटिक स्मार्ट हील चेयर बनाई, जो दिल्ली जाने के लिए कम कर दे। इस काम में अपने शिक्षकों से सहयोग किया।

स्मार्ट हील चेयर का मुख्य लक्ष्य है आठ फुट ऊंचीं छात्रों के लिए उपयोग किया जा सके।

ग्लोबल इंस्टीट्यूट की ओर से तेजस्वी एडेन के साथ साक्षा

Dainik Jagran 14/6/16 (3) Tuesday