

Department of Information Technology

InfoBUZZ

Vision

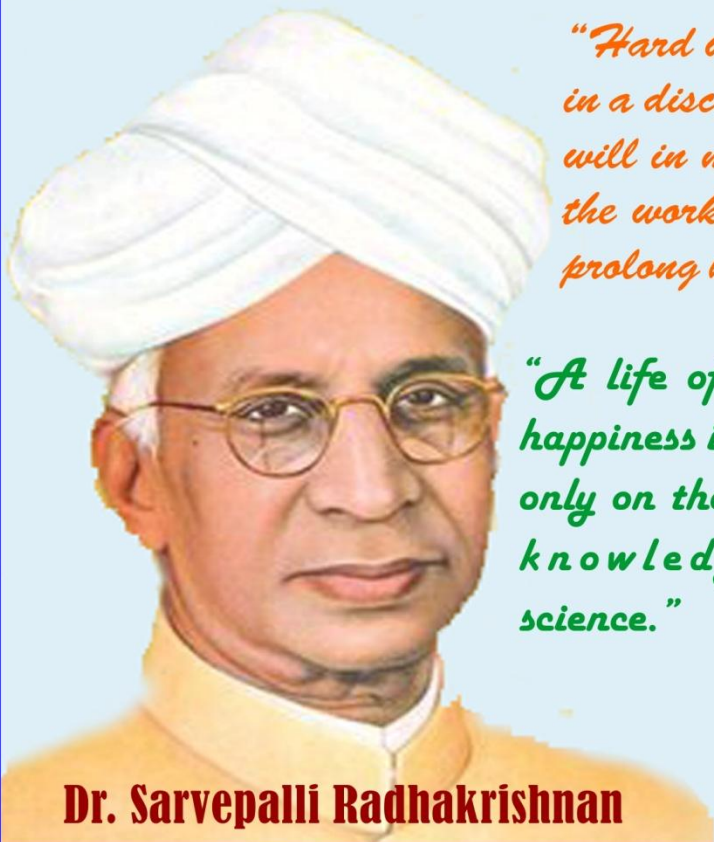
To become a hub for producing innovative and advance technological solutions in the field of computer technology and scientific research for the betterment of society.

Mission

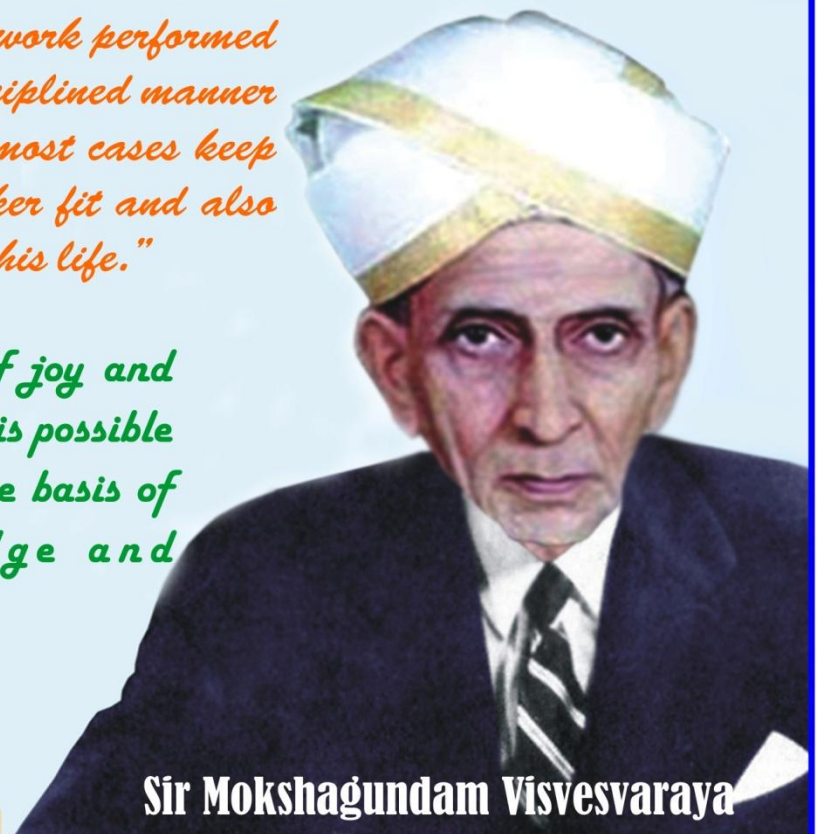
- To provide quality and value based education in the field of engineering.
- To promote awareness of entrepreneurship among the students.
- To develop the concept of social responsibility in students to make better society.
- To develop and maintain highly effective, reliable, secure and innovative information system to support instructional, administrative and research functions.
- To deliver IT products and services that meets the needs of community and achieves the highest level of customer satisfaction.

"Hard work performed in a disciplined manner will in most cases keep the worker fit and also prolong his life."

"A life of joy and happiness is possible only on the basis of knowledge and science."



Dr. Sarvepalli Radhakrishnan



Sir Mokshagundam Visvesvaraya

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From the Editor's Desk

I am very pleased to present you the first edition of our department newsletter "InfoBuzz". I am thankful to Dr. Sukhvinder Singh, HOD, IT for giving me an opportunity to rejuvenate and reestablish the newsletter. I am also thankful to the students of Editorial Board who took up the challenge of making the newsletter. The newsletter is launched with the objective of dissemination and compilation of information related to the college and department. This reintroduction of the newsletter will give an opportunity to the faculty and the students to craft and show case their knowledge and skills. The last month has been eventful, with the seniors occupied with placements and recruitment training. Congratulations to all the students who have been placed and made PIET proud and all the best for upcoming placements. We advise the third year students to start preparing for the recruitments. A warm welcome to all the freshers, you will never regret joining PIET. We have some of the best teachers and mentors who will guide you through this journey. The festive season has begun with Diwali and Christmas lined up. Everyone is already busy with preparations and celebrations. I now handover the issue to our readers to enjoy reading the various sections and comments or suggestions on improvement will be welcome as always. Please send your suggestions to sorabh.it@piet.co.in.

"Lets go, invent tomorrow instead of worrying about what happened yesterday." -Steve Jobs (Co-Founder of APPLE)

College News

National Service Scheme (NSS)-Ujjwal

NSS PIET conducted a 7 days camp "Ujjwal" from 25th July to 31st July, 2016 with the goal to work for the betterment of society and instill the spirit of social service among the young students, PIET established NSS at institute level, headed by Dr. Hawa Singh. Currently, NSS PIET has more than 100 active members from different disciplines, working rigorously for community health care, literacy drives and environment protection. Blood donation camps, Tree plantation, informative lectures on human values are organized regularly. The aim of the organization is to produce engineers, who are socially responsible and work for the development of nation.



"I LEARNED THAT FOCUS IS A KEY. NOT JUST IN YOUR RUNNING A COMPANY, BUT IN YOUR PERSONAL LIFE AS WELL." - TIM COOK (CEO OF APPLE)

College News

UDAAN

The Flight to Success 2K16 – B.Tech. Orientation Programme

Panipat Institute of Engineering & Technology, Samalakha, organized an Orientation Programme i.e UDAAN-FLIGHT TO SUCCESS for the freshers of B.Tech at the institute premises on 3-4 August 2016. The major objective of the programme was to make students aware of the academic aspects of the course, the rules and regulations of the Institute and Code of Conduct.

Mr. Suresh Tayal, Member Secretary, PIET, in his address motivated students to be professional engineers. Although a large number of engineers are produced in India every year, but a few engineers turn into professionals. Mr. Rakesh Tayal, Member, BOG, PIET, while delivering a speech on the occasion, said that one needs to be passionate about achieving his goals. He also stressed the importance of dedication to one's profession and the need to have proper planning before taking up and implementing any project.

Dr K.K.Paliwal, Director, expressed his views on the Growth Story of PIET and motivated the students for future life. Dr. Vinay Khatri, Head, Department of applied Sciences, informed the students about the various facilities available in the institute for the students.

Mr. Surya, a motivational speaker also conducted sessions to make students aware about the changes which are going to occur after entering college life. Through team leading games and other activities he guided students how to develop good leadership qualities, stress bearing capacity, innovative ideas, self-confidence and turning to be a successful professional.

The program ended by creating a significant impact on the students of the college and motivating them to achieve great heights.



“YOU DON'T NEED TO HAVE A 100 PERSON COMPANY TO DEVELOP THAT IDEA.” - LARRY PAGE(CEO & CO-FOUNDER OF GOOGLE)

College News

INDEPENDENCE DAY CELEBRATION 2K16

On 15th August, the 70th independence day celebration day at Panipat Institute of Engineering and Technology wore a new look with tricolours in the hands of students and teachers who had all come in combinations of white, blue, green and saffron. The chief guest of the day was Sh. Sudeep Dabas, Assistant Commissioner Income Tax, Panipat and the guest of honour was Mr. Ankush Sharma, the Muscle Man. And the Management and Chief Guest hoisted the National Flag and followed by National Anthem. Mr. Ankush Sharma along with the Chief Guest and institute management performed the opening ceremony of the college gymnasium and advised students to be conscious about their physical health.

Dr. K K Paliwal, Director, presented the vote of thanks to the visitors and advised the students to vow for the well being of the nations by providing services using the technical skills they have acquired during their stay here. Mr. Rakeh Tayal , member BOG, PIET said , "Self awareness, conscience, independent will and creative imagination are the best endowments of a man living in a society independently and that too without losing his identity. On the auspicious occasion the Management announced financial support of Rs. 500/- to the children of all non-teaching staff of PIET. The students of various courses and semester unanimously performed as if to prove that we all are one and above all we are Indians. The echoes of Slogan like -Jai Hind, Jai Bharat developed a National Spirit among all. Further the Students were provided with sweets to mark the sweet memory of this remarkable day, thus the celebration of the festival came to end.



"IT'S FINE TO CELEBRATE SUCCESS BUT IT IS MORE IMPORTANT TO HEED THE LESSONS OF FAILURE." - BILL GATES (FOUNDER OF MICROSOFT)

College News

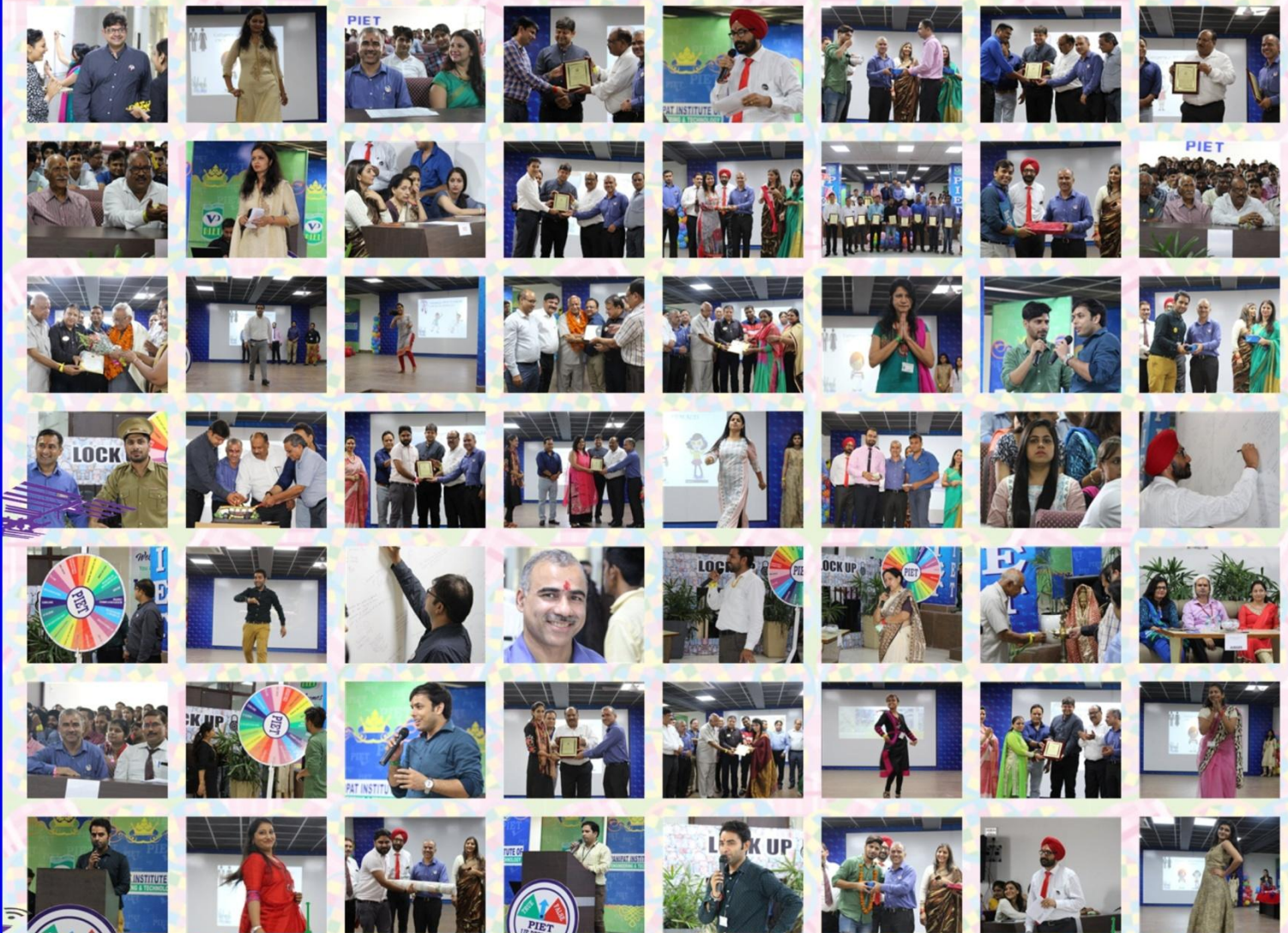
TEACHER'S DAY CELEBRATION: 2K16

Truly said that "No Man can be a Good Teacher unless he has feelings of warm affection toward his pupils and a genuine desire to impart them what he believes to be of value."

PIET celebrated Teacher's Day on 5th Sept. to honour the contributions of the teachers. As we all know that 5th of Sept. is the birth anniversary of Dr. Sarvapalli Radhakrishnan. He was primarily a teacher and well known scholar than President of India.

The greatest attraction of the day was Selfie Contest in which faculty members uploaded their selfie picture on the PIET facebook page. The maximum number of likes gained on their picture were the winners of this event and the winners of this contest were : Faculty Male – Mr. Vikas Nain, MBA & Mr. Sandeep Arora, MCA and Faculty Female – Ms. Pooja Gupta , BBA

Following Faculty members received the award for best academic performance : Mr. Rohit Sharma (MCA), Ms. Nisha Wadhwa (MCA), Mr. Sorabh Gupta (IT), Mr. Vikram Bali (CSE), Mr. Sekhar (CSE), Mr. Deepak Wadhwa (CSE), Ms. Aakansha Mahajan (CSE), Mr. Arun Rana (ECE), Mr. Amit Dubey (ME), Mr. Sunil Kadyan (ME), Dr. Pardeep Sharma (ME), Ms. Pratibha Malik (TEX), Mr. Dinesh (ASH), Mr. Jugmender (ASH), Dr. Suman Madan (BBA), Ms. Reena Khurana (BBA), Mr. Akhilesh (MBA) and Mr. Mahender Yadav (MBA) Faculty members received their awards as it was a pleasant surprise for them.



**"Our industry doesn't respect tradition –it only respects INNOVATION". - Satya Nadella
(CEO of MICROSOFT)**

College News

HINDI DIWAS



14th September is considered as 'Hindi Diwas', the 2nd most spoken language of the world and spoken by nearly 500 million people across seven more countries namely Nepal, Guyana, Trinidad and Tobago, Suriname, Fiji and Mauritius.

It was for the first time in the history of Panipat Institute of Engineering and technology (PIET) that the day was celebrated with most vigour and excitement. It was the first time that the institute took the unique initiative of celebrating the Hindi Day and organised competitive events like essay writing, speech and poetry recitation.

Speaking on the occasion of prize distribution Sh. Hari Om Tayal, Chairman PIET said, "Hindi, which is a descendent of Sanskrit, belongs to Indo-Iranian sub family of the Indo-European language which in turn is further influenced and enriched by other languages like Turkish, Persian, English and Arabic." Mr. Rakesh Tayal, Member BOG added, "I am very happy to see the student participation on such a vast level which assures us as Indians that this offspring of 400 AD ERA Sanskrit, which was the literary language used by poets like Kalidas surprisingly many of the English words also have its roots in Hindi.

Engineer's Day Celebration

September 15, PIET was celebrated as the Engineer's Day to commemorate the birthday of the legendary engineer Sir M. Visvesvaraya (1861-1962). On this occasion, every department clubs organized many competitions such as Poster making, Collage Making, Technical Crosswords, Quizzes, Computer Programming Test and many more events to make the day more special.



"Make every detail perfect and limit the number of details to perfect." - Jack Dorsey (Founder Twitter)

College News

Carbuncle-2016

PIET organized two days Carbuncle-Freshers' Party-2016 to welcome new students of all the courses on 30th September to 1st October, 2016. The very purpose of Freshers party is to welcome newcomers in a friendly atmosphere and avoid social evils, to encourage their creative impulses to boost their confidence. On the 1st day, events were conducted into two part: off-stage and on-stage. On the off-stage, Quiz, Poster Making and Mono Acting events were successfully conducted and on the on-stage, Solo Singing combined with Solo, Duet and Group Dances by PIETians. It was an exciting time to the spectators. Special attraction of the night was Mr. & Ms. Fresher Hunt, to explore various talents and persona of the participants, the competition was conducted in two rounds namely -Ramp Walk and Question Answer round, in which the fresher students brilliantly showcased their style and aptitude. On the 2nd day, Carbuncle 2016 was the night of dazzling famous singer Hardy Sandhu who enthralled the audience with his famous tracks like 'Horn blow', 'Aashqui te loan' and 'Soch'. His singing made the crowd fervent with excitement. The event concluded with prize distribution ceremony and vote of thanks. The fest is an incorporation of creativity, talent and innovation. The best part is that such shows are coordinated, organised and managed by the students to enhance their managerial skills and boost their confidence level.

Winners were : Quiz : Rishabh (BBA), Mimicry : 1st Position : Chirag Makkar (MCA), 2nd Position : Nitish Singh (MCA) & 3rd Position : Deepanshu (MBA), Painting : 1st Position : Sahil (B.Tech.), 2nd Position : Richa (MBA) & 3rd Position : Chirag Makkar (MCA), Solo Singing : 1st Position : Daksh (ASH), 2nd Position : Surya (ASH) & 3rd Position : Paawan (ASH), Duet Dance : 1st Position : Vipandeep & Harjinder (BCA & MBA), 2nd Position : Simran & Bhumika (MCA) & 3rd Position : Shreyansh & Inder (BBA), Solo Dance : 1st Position : Jatin (BBA), 2nd Position : Aashima (MBA) & 3rd Position : Manpreet (BBA), Group Dance : 1st Position : Mysterious Group, 2nd Position : Vibes Group & 3rd Position : Goonj Group, Fashion Show : Mr. Fresher - Vipul (BBA) & Ms. Fresher - Aishna (MBA), Mr. Personality - Shubham (ASH) & Ms. Personality- Reema (BBA), Mr. Well Dressed - Prince (MBA) & Ms. Well Dressed - Mamta (BBA) and Mr. Evening - Lakshay (BCA) & Ms. Evening - Simran (MCA)



“WHEN YOU INNOVATE, YOU MUST PREPARE YOURSELF FOR EVERYBODY TO TELL YOU THAT YOU'RE NUTS.” - LARRY ELISON (CEO OF ORACLE)

Department News

NEW FACULTY JOINING

In IT department new faculties joined in this session:



Mr. Neeraj Pratap



Ms. Namita



POSTER MAKING COMPETITION

Poster making competition was organized by IT department on the occasion of Independence day. The event was graced by Mr. Rakesh Tayal, Member, BOG, Dr. K. K. Paliwal, Director, Dr. Sukhvinder Singh, HOD, IT, faculty members and students. In the event the participants had to design and present the poster on Patriotism. Around 25 students from different departments participated in the event. The poster made by the participants exhibited their artistic talent. The participants presented the posters and described their thoughts to the jury members. It was a bottle neck competition. The event was a great success. Gratitude was expressed to the faculty coordinators Mr. Sorabh Gupta & Ms. Nisha Arora and the Student coordinators Pulkit Malhotra, Himani, Ashima, Vibhor Gupta, Vipasha & Simran. The judgment was given by Dr. Vinay Katri, HOD, ASH Deptt. and Dr. Vikram Bali, CSE Deptt. The Winners were:

1. Vipasha (B.Tech. IT, 2nd Year)
2. Shubhi (B.Tech. Textile, 4th Year)
3. Isha (BBA)

"WEAR YOUR FAILURE AS BADGE OF AS ABADGE OF HONOUR!" - SUNDAR PICHAI (CURRENT CEO OF GOOGLE)

Department News



TEACHER'S DAY CELEBRATION

The students of IT department organized Teacher's Day Celebration on 05 Sept 2016. Sh. Hariom Tayal, Chairman, PIET, Mr. Rakesh Tayal, Member BOG, PIET, Dr. K.K. Paliwal, Director, Dr. Sukhvinder Singh, HOD, IT and all faculty from IT department enjoyed the function. The Program began with a tribute to Sir Dr. Sarvapalli Radhakrishnan. All students thanked their teachers on the day for making college a special place. The students performed several tasks for the entertained of teachers. Dr. K.K. Paliwal encouraged students with his thoughts and also appreciated their efforts in organizing the event. Dr. Sukhvinder Singh thanked all students for organizing the event on such a short notice. As a token of reverence students gave gifts to all teachers followed by cake cutting ceremony and snacks.

FACULTY ACHIEVEMENT

Faculty Members of IT deptt. achieved many goals in this session-

'Work hard in silence, let your success make the noise'



Dr. Gaurav Gupta

Our department faculty Mr. Gaurav Gupta has completed his Ph.D in Computer Science & Engineering with Area of Software Engineering on "Optimization of Software Engineering Models using Neuro-Fuzzy Techniques" from Department of Computer Science & Engineering, Guru Jambheshwar University of Science & Technology, Hisar. On the behalf of our department, we congratulate him and wishing many more laurels in his career.

Mr. Sorabh Gupta was awarded the best teacher award. We extend our heartiest congratulations and hope for many such awards for him in future.



"The fastest way to change yourself is to hang out with people who are already the way you want to be." - Reid Hoffman (Co-Founder LinkedIn)

Department News

PLACEMENT RECORD

We are proud to mention a good record of placements every year. Here every student get 100 % assistance & opportunity to get placed in the most reputed enterprises.



Jatin Bansal
Batch 2013-17
CapGemini

“Hi this is Jatin Bansal, The teachings & training which I got from PIET was matchless. I am very thankful to this college for giving me such an opportunity to work in CAPGEMINI with a package of 3.2 Lacs p.a. This is like a dream come true. Thanx PIET... YES PIET.”

“I am immensely thankful to my Training & Placement department for conducting Industry Oriented Training sessions which helped me groom and prepare myself to face challenges of software industry. I am grateful to my teachers for their constant support & guidance. I feel very confident of my bright future and with the blessings of my teachers and parents. I shall touch height of success.”



Nishtha Paliwal
Batch 2013-17
CapGemini



Shubhi Jain
Batch 2013-17
Infosys

This is a glad moment for me to share that with the support of my teachers and the training and placement cell which provided undoubtedly the best tranings session and seminars with the help of which i got placed in INFOSYS and another surprise waiting for me that day was the result got crowned with 1st rank KUK. All credit goes to the faculty members of IT department and a special thanks to PIET management for providing almost everything which is needed for an ordinary person to become a successful Engineer and it is Rightly said "good starting is half done", And i promise my dear teachers who make me confident to say so "This is just a starting..... The saga of my success will leave a landmark for people to define success"

“DON'T WORRY ABOUT FAILURE; YOU ONLY HAVE TO BE RIGHT ONCE.” - DREW HOUSTON (CO-FOUNDER AND CEO OF DROPBOX)

Department News

University Toppers

Each academic year, we hold a good record in bagging the top ranks of the university. This year too, we are proud to announce that we grabbed 4 university ranks in total. A Big thumbs to all the faculty members who prepared the students for such a success.



Shubhi Jain
6th Sem.
1st Position



Mansi Vij
6th Sem.
4th Position



Jatin Bansal
6th Sem.
5th Position



Pankaj Grover
6th Sem.
17th Position

STUDENTS ACHIEVEMENT - Our Gems

The students of IT department performed really well in the following semesters i.e 8th,6th & 1st semester.

(More than 75% marks secured in the University Examination)



Manvi Garg
8th Sem.
Batch 2012-16
867/1000



Shivani Jain
8th Sem.
Batch 2012-16
854/1000



Nayan Gaba
8th Sem.
Batch 2012-16
850/1000



Sanjana Arora
8th Sem.
Batch 2012-16
839/1000



Kunal
8th Sem.
Batch 2012-16
810/1000



Sakshi Kansal
8th Sem.
Batch 2012-16
804/1000



Shreya
8th Sem.
Batch 2012-16
793/1000



Gauv Juneja
8th Sem.
Batch 2012-16
791/1000



Yogesh Verma
8th Sem.
Batch 2012-16
786/1000



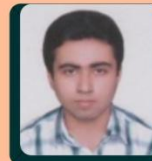
Ankit Aggarwal
8th Sem.
Batch 2012-16
781/1000



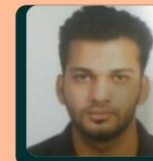
Divesh Mehta
8th Sem.
Batch 2012-16
777/1000



Aman Sachdeva
8th Sem.
Batch 2012-16
771/1000



Dipanshu Anand
8th Sem.
Batch 2012-16
767/1000



Saurav Verma
8th Sem.
Batch 2012-16
765/1000



Deepak Tyagi
8th Sem.
Batch 2012-16
760/1000

"Some people dream of success...while others wake up and work hard on it." - Mark Zuckerberg(Founder and CEO of FACEBOOK)

Department News

STUDENTS ACHIEVEMENT - Our Gems

(More than 75% marks secured in the University Examination)



Tanya
1st Sem.
Batch 2015-19
662/800



Vipasha Madan (3rd Sem, IT) won 1st prize in Poster making competition.



Anshul Aggarwal
1st Sem.
Batch 2015-19
607/800



Himani Soni (3rd Sem., IT) won 1st prize in Quiz Competition organized by Textile Deptt.

SOT-1 TEST

Surprise Objective Test (SOT)-1 was successfully conducted by IT deptt. for the students of 2nd & 3rd year on 15 September, 2016 under the supervision of Mr. Rattandeep Aneja. The test was related to the course studied by the students in last few weeks by 2nd & 3rd year. 50 MCQs were to be answered in the 50 minutes. All subjects had equal number of questions in the paper. All the students filled their correct choices on the OCR sheets.



TRAINING VIVA



According to curriculum of KUK the students have to undergo a 6-8 weeks industrial training in the reputed industry/institute at the end of 4th semester and 6th semester respectively. Their training viva was conducted on the 10th September, 2016. Students submitted a report on the training and presented a seminar/presentation at the front of the panel chaired by Dr. Sukhvinder Singh, HOD, IT along with Mr. Matish Garg, Training Cell Incharge, and other faculty members which was evaluated on the basis of their performance, training report, presentation and viva voce.

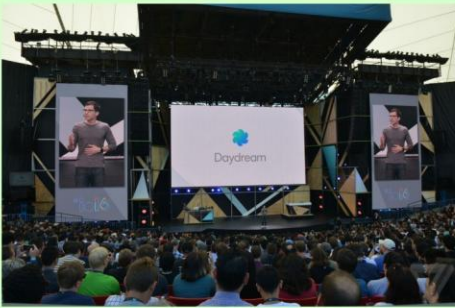
"You don't need to be a genius or a visionary, or even a college graduate for that matter, to be successful. You just need framework and a dream." - Michael Dell (CEO OF DELL)

Technical Article

Google I/O 2016

Anshul Aggarwal-B.Tech. 2nd Year IT

This Year the 10th annual Google I/O developer conference was held between May 18 and 20, 2016, at the Shoreline Amphitheatre in Mountain View, California. In this three-day experience focused on exploring the next generation of technology, mobile and beyond Google displayed its vision for a more ubiquitous and conversational way of interacting with technology.



Google DayDream

Google now has a mobile virtual reality platform. It's called Daydream, and it's built on top of Android N. From the sound of it, Daydream is a lot like Android for VR. It's a backbone of software inside Android N (simply known as "VR Mode") that provides users with an entire ecosystem to play around. There will be a home screen with apps and Google has apparently already created special VR versions of its own apps like YouTube, Street View, the Google Play Store, Play Movies & Google Photos. Other companies, like The New Times, HBO, Netflix, Ubisoft, and Electronic Arts are already developing for the daydream as well.

Android N is smarter, faster, better

Android Nougat (android 7.0) is the latest iteration to the Google cross platform user friendly OS. New features include more control over notification size from Different apps and a new picture-in-picture mode. N could also be a better platform for gaming thanks to a battery of optimizations and a new API called Vulkan that lets the Developers directly control a phone's GPU for sharper 3D graphics. Android N was later announced this year on August 22, 2016.

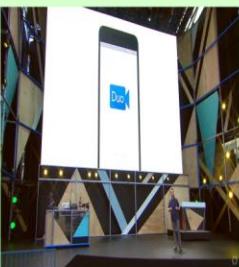


Allo

Google is making a new AI-powered foray into messaging with Allo. One of Allo's distinguishing features is the Google Assistant. There's more on that below, but users will be able to call on the Assistant for information and automatically Generated replies. Messages in Allo are encrypted, but Allo also has an incognito mode, encrypting messages end-to-end. It also has private notifications and expiring messages.

Running Android apps without downloading them !

Google announced a novel approach loading parts of apps even if you haven't installed them. It's called Android Instant Apps. In the demo, when you click on A Buzz Feedlink, Google Play grabs the parts of the BuzzFeed app it needs, and plays a video. In another demo, it runs a parking meter payment app without installing it. Google says it will take developers "less than a day of work" to modularize their apps for the program and that it will be rolling out to users later this year.



Duo

Because one messaging app is never enough, Google followed up its announcement of Allo with another app called Duo. It's a video chatting app that, competes with Apple Face Time. The good thing about Duo is that it is dead Simple to use. When you open the app you're presented with a selfie-cam video preview of yourself — which is important, because when you pick who you want to call, a feature called "Knock Knock" allows the person you're calling to see a video preview of you before they even answer.

"Risk more than others think is safe. Dream more than others think is practical." - Howard Schultz (Starbucks CEO)