

Spectator Mania



Computer Science & Engineering



News Letter January 2018

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Vision of the Department

To build strong teaching environment that respond to the needs of industry and challenges of the society.

Mission of the Department

- M1:** Developing strong mathematical & computing skill set among the students.
- M2:** Extending the role of Computer Science and Engineering in diverse areas like Internet of things (IoT), Artificial intelligence & Machine Learning and Data Analytics.
- M3:** Imbibing the students with a deep understanding of professional ethics and high integrity to serve the Nation.
- M4:** Providing an environment to the students for their growth both as individuals and as globally competent Computer Science professional with encouragement for innovation & start-up culture.

Program Educational Objectives (PEOs)

- PEO1:** Graduates will work in the area of application software development, artificial intelligence & Machine learning, data analytics, and Internet of things.
- PEO2:** Graduates will become successful software professional with leadership and managerial quality in the modern software industry based on their strong skill on theoretical and practical foundation.
- PEO3:** Graduates will exhibit professional ethics and moral value with capability of working as an individual and as a team to contribute towards the needs of the industry and society.

Program Specific Outcomes (PEOs)

1. Student will be able to use problem solving skills to develop efficient algorithmic solutions.
2. Student will be able to develop solution for a given problem in the area of artificial intelligence, data analytics, computer vision and IOT through conducive environment and infrastructure.

Faculty Development Program on Statistical Techniques

FDP ON “STATISTICAL TECHNIQUES” BY DR PARAS BHATNAGAR ON 14TH JULY 2017

It is based on optimization and statistical computing techniques which help computer professional to work better for the real time problems



Key Point of Workshop :Correlation, Least Squares Method, Curve of Regression, Skew-ness and Kurtosis, Mean, Median, And Mode

Salesforce Learning and Certification Program

Salesforce Learning and Certification Program held at **#GLBajaj** on **15 July, 17** A Salesforce Learning and Certification Program was organized at G L Bajaj Institute of Technology And Management campus on **15 July, 17**.

A team comprised of top Salesforce Admins, Certified Salesforce Developers and Consultants helped the students to learn the concepts of Cloud Computing and Salesforce

The students were trained on both the Admin as well as Developer concepts. Noida Salesforce Community at **#IndiaDreamin** venue **GL Bajaj Institute of Technology** and Management, Greater Noida, for celebrating **#Salesforce & support #SFDC4** Students.



Industrial Visit

Franciscan is an ISO Certified Company in Web Technologies and Software Development & an educational ERP solution provider company working With approx. 600 workforces across the nation since past 10 years.



Franciscan Solutions Pvt. Ltd., located in Greater Noida, is one of the leading ISO 9001:2008 Certified Company in Web Technologies and Software Development with highly skilled professionals to provide cutting edge solutions to its clients.



We are in Overseas IT Projects, Custom Website Design, Software Development, Strategic Websites, Full Flash Sunporch Websites, Blog Design and Setups, Web Application Development, Multimedia Presentations. E-commerce Solution.

Promotional Banners (animated), Promotional Web Flyers. E-Books, Search Engine Optimization (SEO), Tlight Search Engine Ranking, Technical Support and Maintenance.



Machine learning wORKSHOP

Machine Learning Workshop 15-19 Sept 2017. This course was conducted by Prof Ashok Kumar Sinha holds Ph.D. Degree in System Modelling IIT Delhi, M.tech(Control System) from IIT Delhi. He has 35 years of teaching, research and consultancy experience.



Introduction to Artificial Intelligence

- World of AI- Future of AI
- Human Learning Vs Machine Learning.
- Unsupervised and Supervised framing.
- Examples on industrial applications.
- How does Machine Learning help in developing AI applications?
 - Introduction and basics of R Language.
 - Data analytics using R with medium data set 'covering the below concept..
- ✓ Data Exploration
- ✓ Data Visualization
- ✓ Data Cleaning.
- ✓ Handling Outliers

2. Supervised Learning Algorithms

Regression Analysis

Exercise on computer based on above algorithm

Artificial Neural Network

Exercise On ANN

Introduction on Deep Learning and Google Deep Mind

Exercise on Computer Based on one platform



Blood Donation Camp

G. L. Bajaj Blood Donation Camp A blood donation Camp was organized at G. L. Bajaj campus on 19th September, 2017 as part of its CSR initiatives. The camp was organized by G. L. Bajaj Rotaract Club in association with Rotary Club of Delhi Imperial. Medical Team of Doctors and Paramedical staff from blood bank camp for the smooth conduct of the camp. Around 1200 enthusiastic participants including employees, students and support staff participated in this noble cause. The program started at around 10 o'clock in the morning and continued till 5:30 in the evening.



A total of 624 units of blood was collected from all the donors who satisfied all the preliminary medical tests like BP, HB, weight-check etc. Many Rotarians (Delhi Imperial) including President - Mrs & Mr. Vinay Singhla, V. President - Mr. K.k. Gupta, Mrs & Mr. Shri Ram Goyal, Chairman blood donation committee - Mr. Nitin Goyal, Mrs & Mr. Ram Chand, Mr. Sushil Agarwal, Mr. Punit Agarwal, Mrs. Sonal Modi, Mrs. Avantika Didwania, Mr. Punit were present on the occasion.

Speaking on the occasion Mr. Pankaj Agarwal, Vice Chairman- G. L. Bajaj, Educational Institutions, "Blood donation is a noble cause and every blood donor has contributed towards community development. We thank our donors for their participation and will continue to associate ourselves with such initiatives in the near future."

A cultural treat was also the part of the event where in students presented a trail of programs including dance, band performance, songs and a skit focusing on the importance of blood donation. B.Tech., M.Tech. MBA, MCA



CINEMATECH 2017

6TH OCTOBER 2017

CINEMATECH 2017 is an initiative stoned with an objective of creating awareness among students and all citizens towards Cinematography with a proper & sensible message which our students could give to our society based on Emerging technologies that can prow to be really beneficial in cultural perspective .



A message to deliver do not need an hour's movie rather can be delivered in minutes film. Students short film competition invites students fur presenting shun films that show their talent in making and passionately capture the ubiquitous and intimate an informative message on any type of cause through then own personal 'vim.



SUPERCUP/JOSH TALK

Super Cup is a coding contest performed on HACKERRANK site dated 10th October 2017 ,organised by CSE Student:- Yash Kurnar . Gaurav Singh , Vipin Sharma & Suhasini Singyan under the guidance of MR. Naveen Chauhan (Asst. Prof. CSE Dept.).

Top 3 contestants were: –

- YOGESH SINGH (CSE)
- AVM; VERMA ((SE)
- VARMAV MISIIRA (CSE)

Department of Computer Science organised a workshop by Josh Talks which serves as a platform m showcases people from diverse backgrounds covering entrepreneurship, sports, stand up comedy, social activism, performing AMA & more.



What began as a simple conference hack then is now a movement which has toured over 20 cities in India, covered over 300 stories and impacted more than 15 Million- lives. Josh Talks is for the common young Indian who has raw, untapped energy and tremendous potential and all that he/she lacks is the right direction.

CODE AUCTOR 2K17

CODE AUCTOR 2K17 is an technical event organized by the CSE Dept. of G.L.Bajai Institute of Technology and Management to provide an opportunity to students from various colleges of NCR to showcase their talent among the top codas of NCR. The event was conducted on 2nd and 3rd November 2017 at G.L.Bajaj Insitute of Technology and Management Greater Noida.



The technical event tends to focus on maximizing the 4 years of the engineering and developing a technical background. The various technical events include a coding on Data Structures, algorithm and SQL, MCQ questions to test the IQ of the students in the aptitude and analysis, web designing, circuit designing and logo designing.



Total 17 Colleges were invited for the event which comprises of 5 competition. Total number of participants were around 820.

COMPETITIONS -

Day 1: -

- Multiple Choice Questions
- Blind Coding
- Blind Typing

Day2: -

- The Mega Coding (powered by Hacker rank)
- Error Detection (Offline)

There will be a panel discussion where the intellectuals from the various domains will be present on one platform and students will be free to get there queries answered.

The most decorative part of the event is the cash prizes up to Rs.25000 and T-shirts and goodies that will be provided to every winner. Moreover, There will be internship opportunities, Discount vouchers from our sponsors and many more.



WINNER OF GRAND SHIELD:-GL BAJAJ INSTITUTE OF TECHNOLOGY AND MANAGEMENT, GREATER NOIDA

Prizes

Day 1-

MCQ Round:-

Winner — Abhinandan Singh(2nd year)

1st runner up —

Gagandeep Singh(3rd year)

Blind Coding:-

Winner — Sagar Malik (3rd year)

1st Runner Up — Vipin (3rd year)

Blind Typing:-

1 Runner up:- Prashant Gujela (IEC college)



Day2

Error Detection:-

1st Runner up :- Vipin (3rd year)

Mega Coding:-

Winner:- Mayank Parasar(3rd year)

1st runner up :- Gaurav Singh(3rd year)

2nd Runner Up :- Ravi Garg(3rd year)

Workshop By Josh Talks



Josh Talks, organized by Department of Computer Science and Engineering.

Josh talks serves as a platform which showcases people from diverse backgrounds covering entrepreneurship, sports, stand up comedy, social activism, performing arts & more.

What began as a simple conference back then is now a movement which has toured over 20 cities in India, covered over 300+ stories and impacted more than 15 Million+ lives.

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Faculty Development Program on Machine Learning & Deep Learning

A two day Faculty Development Program on Machine Learning & Deep Learning organized by Electronics & ICT Academy, IIT Roorkee, in association with Department of Information Technology, GL Bajaj Institute of Technology & Management , Gr. Noida, was held at the department of information Technology, #GLBajaj, Gr. Noida from 21st Nov 2017 to 22nd Nov 2017.



The FDP aims to provide opportunities to faculty members & research scholars to enrich their technical skills and research in the field of machine learning, image processing using CNN, deep learning, clustering techniques, and neural networks.

The program also intends to develop the knowledge of participants for simulation with advance software in the related field.



The FDP was attended by 35 participants from faculty members of IT, CSE, ECE, EEE and industry experts from different domain.