

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

MAJOR EVENTS 2016

Faculty Development Program

Faculty Development Program on “**Data Structures**” was conducted successfully on **22nd – 23rd Jan 2016** at **IMSEC**.

Professor A.K Biswas from **IIT Delhi** was invited as a resource person to conduct the FDP.

Prof. Biswas is a distinguished Professor at IIT Delhi with more than 40 years of rich experience as academician & researcher. He is currently associated as Emeritus Faculty in the department of Computer science engineering at IIT Delhi.

His current area of research interest is image and video processing, machine learning with applications in human activity recognition and bio-informatics.

The **objective** of the FDP was to help faculty members understand the correct delivery methods for the contents of data structure course during classroom teaching.

Faculty members of three departments namely **Computer Science, Information Technology, Electronics & Communication** attended the FDP.

Day 1:

- Introduction
- Recursion & its applications
- Asymptotic notations for analyzing algorithms
- Linked list & its applications
- Searching & Sorting Techniques

Day 2:

- Time Complexities of algorithms
- Stacks & Queue

- Trees & real time applications
- Practical implementations in C

He also encouraged young faculty members to go for PhD course. He gave his useful inputs on how to select a research topic & approach a research supervisor.



Short Term Course on Student Evaluation

Module-III through ICT

25-29 January, 2016

Department of computer science and engineering organised a short term course Conducted by **NITTTR, Chandigarh** on '**Student Evaluation**'.

Faculties of CSE Department, IT Department, and Humanities department attended the course. Main objective of the course was to make aware the faculties regarding evaluation process. Some of highlights of the course were

Evaluation: Concept, Types & Purposes: By Dr.PK Tulsi

Writing Test Items: By Dr. Sunil Dutt

Designing Rubrics: By Er.AK

Planning, Organizing & Evaluating Practical Work By: Er. AmandeepKaur

Project Work: Evaluation:By Er. TN Thukral

Setting Question Papers:By Dr.PK Tulsi

Task and Presentation By: TN Thukral/ PKTulsi

Feedback Process: By Er.T.N. Thukral

Evaluation of Objectives in Affective Domain:By SD

Panel Discussion: Changes needed in Examination System:
ByDr.SunilDutt/Mr TN Thukral/Ms AmandeepKaur)

All the sessions were very useful and beneficial for teaching learning process.

Dr.S.N.Rajan attended the panel discussion and Dr.PankajAgarwal provided the Concluded remarks to the course and desired to be the part of such associations in future as well.



Following value addition programs are being inducted for 2nd & 3rd yr students

	Module	
2 nd Yr (1)	R-Programming	Mr. Vishan Gupta
2 nd Yr (2)	Matlab Programming	Mr. Pankaj Agarwal
2 nd Yr (3)	Matlab Programming	Mr. Umesh Gupta
2 nd Yr (sh-2)	.NET	Mr. Anurag Mishra
3 rd Yr(1)	Web Designing	Mr. Atul Kr
3 rd Yr(2)	Web Designing	Mr. Atul Kr
3 rd Yr(Sh-2)	Web Designing	Mr. Amit Gautam

Special Module on “Software Testing” has been initiated as additional industry course for interested students of 2nd yr. Ms. Lipika Goel & Ms. Swati Singh are conducting the session on “Software Testing” during Saturdays.

Skill Development Program

The Department of Computer Science and Engineering organized a **Skill Development Program For Technical Staff on 31 /01/2016 (Saturday) from 10:00 am to 01:00 pm and 2:00 pm to 4:00 pm** There are 5 technicians of CS & IT, EC and EN participated in this event. It covers Introduction to MATLAB as Arithmetic Operations, Array, Vectors, Matrix and Plot. The aim of the event was to make the Lab technical Staff familiar with the basic understanding of MATLAB. The all other participants will receive participation certificates.

List of participants

S.No.	Name	Department	Designation
1	Saneep Bharadwaj	EN	Technical Assistant
2	Gulshan Kumar	EN	Technical Assistant
3	Nagendra Singh	EC	Technical Assistant
4	Daleep Singh	EC	Technical Assistant
5	Pankaj Tiwari	EC	Technical Assistant
6	Vikas Sharma	CS	Technical Assistant

We have identified few live projects based on the requirements of the institute. Few students who shall be working on these projects have also been identified. These students will be working under the guidance of Mr. Atul Kr, Mr. Anurag Mishra , Pankaj Agarwal and Amit Gautam. In this regard, we have proposed to develop a Software cell at Computer Center where students will be working beyond their class timings.

ABHIVYAKTI-2016

“THE BYTE” an e-magazine of CSE department IMSEC has organised **ABHIVYAKTI-2016** non-technical events on Saturday Feb 20, 2016 , open for all years and branch students . The events will comprise of total 4 events as follows :

1. Online Cover Page Designing
2. Online Pictorial Poetry
3. Personality Hunt
4. Workshop on Image Processing with MATLAB by APTRON

Entry fees will be Rs. 10 per event, interested students may register themselves outside C block at registration desk. GP marks and certificate of participation will be given to all and merit certificates for all winners will be awarded.

Faculty Coordinators:

1. Mr. Amit Kumar Gautam
2. Ms. Lipika Bose

Student Coordinators:

1. Akshya Agarwal (cs1 – 3rdyr)
2. Anmoal Agarwal (CS-1 3rdyr)
3. AyushiGahlot (cs-1 3rdyr)
4. Purvi Agarwal (cs-1 3rdyr)

Volunteers:

1. AkankshaSrivastava(cs-1 3rdyr)

2. Aaroahi(cs-1 3rdyr)
3. Apeksha Saroha(cs-1 3rdyr)
4. Ankita(cs-1 3rdyr)
5. Aayushi(cs-1 3rdyr)
6. Charchit(cs-1 3rdyr)



Robotics workshop

A Robotics workshop was organized on 'Hexabotic Robot' during 13-14 th feb 2016 at IMSEC by CS Department. Students learnt to develop & program wireless hexabots.

Total of 140 students from all branches participated in the event. The workshop was conducted by Mr. Tapan, Director, SkillRex Technologies, Mumbai



Winners

First

ROBO BUILDER	ASHU DIKSHIT	1414310055	CS	2
	HIMANSHU Kr. VARSHNEY	1414310081	CS	2
	AYUSH AGARWAL	1414310060	CS	2
	ABHISHEK PATEL	1414310011	CS	2
	ASHUTOSH SINGH	1414310058	CS	2

Scnd

ROBOREX	ANUJ UPADHYAY	1414310044	CS	2
	SUMIT RATHORE	1414310212	CS	2
	ANKITA SRIVASTAVA	1414310040	CS	2
	SACHIN SETHI	1414310165	CS	2
	ABHIJEET SINGH	1414310006	CS	2

Third

ROBO ROVERS	RAJARSHI SAHU	1514310154		1
	PRADEEP YADAV	1514310142		1
	HARSHIT KUMAR SINGH	1514310081		1
	ANAND KUMAR SINGH	1514310027		1
	NEETISH SINGH	1514310128		1

WORKSHOP ON MACHINE VISION & IMAGE PROCESSING

The workshop on image and video processing was conducted by Dr. K.K. BISWAS (IIT Delhi) along with his team on 21st march 2016 under the centre of image processing and computer vision. 31 students and 8 faculties participated in this workshop.

Prof. K.K.BISWAS is a professor in IIT Delhi. His research interests are:

- Computer Vision
- Image Processing and Fuzzy modeling
- High dynamic range imaging.

Different sessions were conducted in which the students were told about action recognition as well as its importance at that particular time.

In one of the sessions importance of depth image and skeleton image were told as they are helpful in recognizing the action of a human being. Differentiating between different actions was also a part of this session. In the next session, a detailed description about the KINECT camera was given. The students were told briefly about KINECT camera along with its application in the gaming environment. At the end, practical session was conducted in which the total working of KINECT camera was described.



ACM Student chapter

CSE-IMSEC ACM Student chapter under Department of Computer Sciences & Engineering has organized one day workshop on “Big Data-Hadoop” on 6th Feb 2016 at IMSEC Ghaziabad.

Big data is a term that describes the large volume of data – both structured and unstructured – that inundates a business on a day-to-day basis. But it’s not the amount of data that’s important. It’s what organizations do with the data that matters. Big data can be analyzed for insights that lead to better decisions and strategic business moves.

The workshop was conducted by Mr. Rahul Mathur. He is Associate Projects in Cognizant Solutions, Noida. He is having more than five years of industry experience. Since last three years he is associated with Big Data projects.

In the first session of workshop, he focused on following:

- Basics of Big Data & its components.
- Installation of Hadoop Environment.
- Hadoop mapper and reducer with their issues.

In the next session, he explored on:

- Hadoop Architecture in detail.
- Discussion on various Hadoop Projects.
- Handled query session.

A horde of 120 students of Computer Sciences & Engineering /IT have participated in the workshop. We are sure that this workshop will benefit all participants and open their career path towards Big Data era.



Student Technical Event -Technofiesta '16

The **Technofiesta cultural club** of Department of Computer Science and Engineering organized two offline events WordsWorth and Category Quiz(Sports ,TV Series & Movies) which was coordinated by Akshat Pandey , Aviral Modi , Aditya Mehrotra , Mohd. Moin Khan, Pushkar Sharma of 3rd year. The competition was held on **20th February 2016** at 12:00 p.m. in the college premises.

The event Wordsworth was a 30 minute event with 2 rounds & the event Category Quiz was 2 hour event with 2 rounds for each category. There were **160 participants** from 2nd and 3rd year. The contest comprised of 20 & 10 respectively in each round. Questions in **Wordsworth** were to test Basic English knowledge and intellect **in** different categories. In **category quiz** event tested the basic knowledge of the participants in Sports, TV & Movie fields. The answer sheets were evaluated by the student coordinators and the qualifying participants were called for the next round. The event saw huge number of submissions from the participants and few students managed to make it to final rounds of respective events. **Harshita**

Yadav bagged 1st position in Wordsworth . Roopak Singh, Nikhil Tiwari & Mohd. Faiz were the winners of Sports, Tv & Movie Quiz respectively.

All participants received participation certificates and the top three teams received merit certificates for their excellent performance in each of the competition.



Workshop on Web Development and Android Application Development

Akshay Singh, Sakshi Sharma and Shashwat Singh of CSE department, IMS Engineering College have successfully conducted a workshop on web and android app development for students of 2nd year ,CSE department. In this workshop 64 students took part for Android development and 62 students took part for web development. This workshop was conducted between 13-02-2016 to 07-04-2016. All the student of android app development have developed a calculator app for android device under the guidance of shashwat Singh and all the student of web development have developed their personal websites and made it online with the help of Sakshi Sharma and Akshay Singh. The students are also provided with the certificate of course completion, which was sponsored by KALPVAIG TECHNOLOGIES.

National Robotics Competition Aavriti@ IIT Bombay

Total of 27 students from IMSEC participated at National round of Engineering Excellence Championship (E2C'16) on 12-13th March at IIT Mumbai.

Students participated under following competitions:

1) Line Following Robot - The goal of this contest is to design an Autonomous Robot that will follow a Black Line on White Background.

2) Robo Soccer Challenge -The goal of this contest is to design a Soccer Playing Robot (of any type e.g. wheeled/hexapod/biped/robotic arm on wheel etc.), controlled using any mechanism, (e.g. DPDT switch based remote box, hand gesture controlled using acceleration sensor, wireless modules/devices – TV Remote, CC2500, Bluetooth etc.) that need to traverse by avoiding collisions from obstacles (represents opponents) & push/pull/kick a ball from a specified point into the goal post to scoring maximum points.

Outcomes:

1. Total six team from the IMSEC participated in this competition.
2. five team participated in line following Robot and 02 team participated in Robo Soccer challenge.
3. The first position in line following robot goes to the team who completed the task in 10 sec.
4. From our college team only one complete that task in 16 sec. other were taking 30-40 sec to complete the track. (videos available)
5. The first position in Robo Soccer robot goes to the team who complete the task in 2.25 min.
6. Our team completes that task in 9.34 and 9.40 min respectively.
7. Four students attend the SWARN ROBOTICS workshop on date 12 March 2016 at I.I.T. Bombay campus.
8. Some students attended expert lecture given by Prof. Venugopal Rao on Neno technology.
9. Shri A.S. Kiran Kumar, the current Chairman of ISRO, and the recipient of the prestigious civilian honour Padma Shri joins us all at

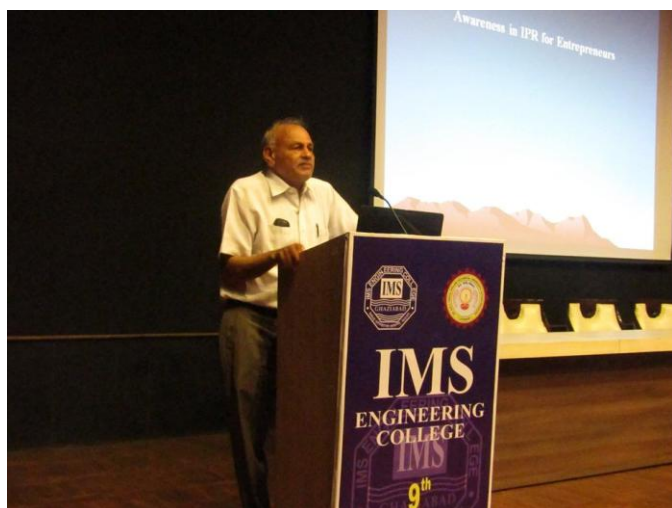
the opening ceremony of Radiance 2016, give an expert lecture at IIT Bombay on 12th March 2016.



ENTREPRENEURSHIP AWARENESS CAMP

Dr. S.N Rajan had organized an Entrepreneurship Awareness Camp on 9th to 11th April, 2016. This program was in collaboration with Entrepreneurship Development Institute of India, Ahmedabad (Under DST-NIMAT Project, Govt. of India).

The objective of this camp was to create techno entrepreneurs and resource persons through entrepreneurship Development program strategy. A total of 31 students from CS department from 4th year participated in the program.



S. No	Student name
1	CHITRANSH AGARWAL
2	SHRESTH JAISWAL
3	SAGAR TOMAR
4	SHIKHAR DIXIT
5	SAAKSHAT SRIVASTAV
6	MANDEEP KAUR
7	ANKUR
8	AKANKSHA PORWAL
9	SNEHA SINGH
10	ANKITA KUMARI
11	SHASHWAT SINGH
12	AKSHAY PRATAP SINGH
13	ANIKET GUPTA
14	VEDANT GARG
15	AISHWARYA PRATAP SINGH

16	PRAGYA SAHU
17	PRIYANSHI JAIN
18	DEEPANSHI AGARWAL
19	DIVYA MAHESHWARI
20	SURABHI SRIVASTAVA
21	PRAGYA KHANNA
22	MAYANK JUNEJA
23	ANKIT KUMAR
24	AARAV GOTRA
25	ALOK KUMAR RAI
26	DEV KRISHNA GUPTA
27	ANUJ AGARWAL
28	KAUSHAL KISHOR GUPTA
29	HARVINDER SINGH
30	DEEPMANI BHARDWAJ
31	AAYUSH SANJAR

CODECHEF-A Project Competition

CSE-IMSEC ACM Student Chapter under Department of Computer Sciences & Engineering organized “CodeChef – The Project Competition” dated on 2nd April 2016. The purpose of the competition was to provide a platform for the final year students to showcase their creativity, expertise in technology and presentation skills. The following projects had been exhibited during the events:







Group No.	Participant's Name	Project Name
1	Chinmai Tyagi	Medical Health Application Usinggps Based On Android At College Level
	Karishma Agarwal	
	Ayushi Bansal	
2	Chitransh Agarwal	Sentiment Anlaysis Of Tweets Using Apache Hadoop To Predict Success Of Movie
	Priyanshi Jain	
	Sneha Singh	
3	Pragya Khanna	Real World Object Identification And Classification Using Machine Learning
	Kirtika Agarwal	
	Mayank Juneja	
4	Aishwarya Pratap Singh	Vehicle Routing And Scheduling With Dynamic Routing
	Akshay Minhas	
	Eshita Pawar	
5	Akansha Porwal	Offline Signature Verification Using Pattern

	Ankita Kumari	Recognition
	Ankur	
6	Kartik Panwar	IOT Based Home Automation System
	Harshit Bhatnagar	
	Mrigank Sunjiv Tyagi	
7	Akshay Pratap Singh	Fun Survey App
	Shashwat Singh	
	Sakshi Sharma	
8	Aman Verma	Machine Learning Toolbox
	Akshay Bhasin	
	Rohit Keshwani	
	Suryansh Kaushik	
9	Ankit Kumar	Anti Theft And Spy
	Abhishek Singh	
10	Rohit Chaudhary	River Pollution Detection Using Google Maps
	Piyush Aggarwal	
	Anmol Maheshwari	
11	Pawan Srivastava	Auto Evaluation Of Omr Answer Sheets Using
	Peeyoosh Kumar Gupta	Mobile Application
	Shubham Kumar Sinha	
12	Prabhat Kumar	Trade E-Away, Online Barter System
	Priyanka Yadav	
	Pulkit Chaurasia	
13	Priyaranjan Yadav	Open Source Tool For Remote Sensing Dataset
	Vishesh Saxena	Processing
	Lalit	
14	Shivani Sharma	A Medical Aid To Foster Immediate Requirement
	Tanya Arora	
	Yash Gupta	
15	Shivam Sinha	Twitter Opinion Mining
	Shubham Dixit	
	Shubham Varshney	
16	Pooja Kumari	Mouse Pointer Control Using Hand Gestures
	Saurabh Singh	
	Vinay Kumar Pasi	
17	Priyansha Mishra	Leaf Disease Detection By Image Processing
	Shraddha Shrivastav	
18	Rahul S Verma	Element Blue - A Niche Content Aggregation And
	Satyam Gupta	Generation Platform
	Shivangi	
19	Sarvanand Pandey	Emotion Recognition Using Artificial Neural
	Sunit Tiwari	Network
	Surjeet Singh	
20	Safal Arora	Tracking And Surveillance Using Iot
21	Arvind	Opensource Tool For Remote Sensing Datasets

	Vivek Kumar	Postprocessing
	Nitin Choudhary	
22	Shresth Jaiswal	Performance Evaluation Of Continuous Hindi Speech Recognition
23	Sumit Singh	Employee Tracking System
	Manan Puri	
	Shashank Agarwal	
24	Ayushi	Image Based Handwritten Equation Solver
	Uzma	
	Sweta	

FAREWELL-2016

Students of 3rd year organized a farewell party for 2016 passing out batch. Mr. and Miss farewell competition was the main centre of attraction. 3rd year students gave fabulous performances at the event. Gifts and complementary cards were presented to all final year students.



Mobile App for students of IMS Engineering college

Three students of IMS Engineering College **Mr. Akshay Singh, Mr. Shashwat Singh** and, **Ms. Sakshi Sharma** from B.Tech Final year of Computer Science & Engineering Department have developed an android app for the students of the college.



Using this app students can easily check their attendance, marks, assignment and many other information provided on our college website(www.imsec.ac.in) & portal. Students do not require to login, enter their roll no. or other details each time the app is used.

It also keeps one updated about various upcoming /organized events, general notices, placement news and many other useful information available on college website.

This app is now available live on google play store for download.

As an encouragement & appreciation, a cash award of Rs 10000 with appreciation letter from Director was given to them. On behalf of the college, department of computer science congratulates all the students members of the development team for their efforts & achievement.

BUDDING ENGINEERS AWARD

To motivate our student achievers, Budding Engineers awards were given to students on 23 April 2016, for their achievements in academics, sports & co-curricular activities. Awards under following categories were given.

Performers in University Exams (ODD Semester)

2nd Year

- ROHIT CHAUDHARY for scoring 88.3 % in ODD Semester 2015-16
- NISHIKA CHAUDHARY for scoring 88.3 % in ODD Semester 2015-16
- ANUJ UPADHYAY for scoring 84.2 % in ODD Semester 2015-16

3rd Year

- MOHD KAMRAN for scoring 83.5 % in ODD Semester 2015-16
- DISHIKA GARG for scoring 82.7 % in ODD Semester 2015-16
- SUHA KHAN for scoring 82.1 % in ODD Semester 2015-16

4th Year

- SHIVANI SHARMA for scoring 88 % in ODD Semester 2015-16
- PULKIT CHAUSIA for scoring 86 % in ODD Semester 2015-16
- UZMA NIKAT for scoring 85.2 % in ODD Semester 2015-16

❖ Outstanding projects

- 'River Pollution Detection using Google Maps' – [SPARK 15]
- 'Leaf Disease Detection by Image Processing' [Spark-15]
{ Priyansha , Sharradha, Yash & Shivani}
- 'Home décor using virtual reality' – {Aviral, Ajay, Akshay Bhasin, Aman } [Spark-15]
- 'Fun Survey App' [Codechef-2016]
{Akshay Pratap singh, Shawshwat Singh & Saakshi Sharma}
- Open source tool for remote sensing data set processing [Codechef-2016]
{ Priyaranjan Yadav, Vishesh Saxena, Lalit Kr.}

❖ Award for achievements at state/national/international level

- Piyush Aggarwal
- Shivam Gupta (3rd yr): for best research paper with project award of Rs 3000/- at IMS Lal Kuan
- Sudhir Sahani (3rd Yr): Secured 221 rank in PCS game on idea
- Anuska Sharma(2nd yr): 2nd prize at ACM CODES BLITZ at ABES

❖ Most active Technical Club Award

THE BYTE TECHNICAL CLUB

❖ Outstanding performance in sports

- Shreya chauhan (4th yr) - 1st Position in Badminton at zonal level
- Chaitnya bhardwaj (3rd yr)- 2nd prize at state level basketball, winner of national level football competition, chrakravayu, IMSEC

Student Research Publications

Department of Computer Science & Engineering, IMS Engineering College (IMSEC) Ghaziabad organized a student presentations on 22nd April 2016 on their research papers as an outcome of the projects implemented.

Total of 41 student groups presented their papers. Students from 2nd year, 3rd year and 4th year presented their project outcomes in the form of survey papers/ research articles. We have collaborated with International Journal of Computer Application (IJCA), USA as our publication partner. The formatted papers have been forwarded to IJCA for publication consideration. The issue will be bestowed with all the regular IJCA indexing privileges in academic databases including Google Scholar, Informatics, ProQuest CSA Technology Research Database, NASA ADS (Harvard Univ.), CiteSeer, UlrichWeb, ScientificCommons (Univ. of St Gallens), University of Karlsruhe, Germany, Georgetown University Library, University of Washington.

ARTICLE TITLE	AUTHOR NAME 1	AUTHOR NAME 2	AUTHOR NAME 3	AUTHOR NAME 4
A MEDICAL AID TO FOSTER IMMEDIATE REQUIREMENT	YASH GUPTA	SHIVANI SHARMA	TANYA ARORA	
VOICE BASED AUTOMATED TRANSPORT ENQUIRY SYSTEM	SHUBHAM MITTAL	SHIVAM JAIN	SIDDHI SAXENA	ABHAY AGARWAL
TWITTER OPINION MINING	SHUBHAM DIXIT	SHIVAM SINHA	SHUBHAM VARSHNEY	ANURAG MISHRA
TRADE AWAY - A NEW AGE OF BARTERING	PULKIT CHAURASIA	PRABHAT KUMAR	PRIYANKA YADAV	AMIT KUMAR GAUTAM

PLANT DISEASE DETECTION USING IMAGE PROCESSING	SHRADDHA SHRIVASTAV	PRIYANSHA MISHRA	VIJAI SINGH	
DESIGN AND DEVELOPING A FRAMEWORK FOR EMPLOYEE TRACKING SYSTEM USING SMARTPHONES	MANAN PURI	SUMIT SINGH	SHASHANK AGARWAL	SWATI SINGH
TEXT, IMAGE AND VIDEO ENCRYPTION-DECRYPTION TOOL USING ADVANCED ENCRYPTION STANDARD-512 BIT	KAUSHAL KISHOR GUPTA	HARVINDER SINGH	KARUNESH VAISWAR	SWATI SINGH
ENHANCED SECURITY OF DATA USING IMAGE STEGANOGRAPHY AND AES ENCRYPTION TECHNIQUE	SANDEEP PANGHAL	SACHIN KUMAR	NAVEEN KUMAR	
ANDROID APPLICATION DEVELOPMENT USING ANDROID STUDIO AND PHP FRAMEWORK	AKSHAY SINGH	SAKSHI SHARMA	SHASHWAT SINGH	
NETWORK BASED REAL TIME SMART ALARMING VIDEO SURVEILLANCE SYSTEM FOR THREAT DETECTION	PREETI JAIN	AVDHESH GUPTA		
SKELETON BASED HUMAN ACTION RECOGNITION USING KINECT	AYUSHI GAHLOT	PURVI AGARWAL	AKSHYA AGARWAL	VIJAI SINGH
GAZE-BASED AUTHENTICATION IN CLOUD COMPUTING	AYUSHI GAHLOT	UMESH GUPTA		
IMAGE BASED HANDWRITTEN EQUATION SOLVER	AYUSHI TEWARI	SWETA MALIK	UZMA NIKHAT	AMIT KUMAR GAUTAM
AN APPROACH TO TACKLE ROAD TRAFFIC USING NUMBER PLATE	DANISH USMAN ANSARI	ABDUL AHAD	AVDHESH GUPTA	
COST ESTIMATION OF FUNCTIONAL REQUIREMENTS OF INSTITUTE EXAMINATION SYSTEM	NIKITA GARG	SHADAB KHAN	PANKAJ AGARWAL	
A MONITORING FRAMEWORK OF TRACKING BUG TO UPSURGE SOFTWARE QUALITY	VEDANT GARG	SONU KUMAR	ANIKET GUPTA	LIPIKA GOEL
REVIEW ON COEXISTENCE OF WIFI AND LIFI TOWARDS 5G: OPPORTUNITIES AND CHALLENGES	UTKARSHRASTOGI	SHIVANI AGGARWAL		
A STATE OF ART REVIEW ON OFFLINE SIGNATURE VERIFICATION	AKSHMA MITTAL	ARTI SINGH	AYUSHI TOMAR	DEEPAK KUMAR SINGH
CURSOR CONTROL USING HAND GESTURES	POOJA KUMARI	SAURABH SINGH	VINAY KR. PASI	

A REVIEW: ANALYSIS OF FACIAL MICRO-EXPRESSIONS	DIVYA BHATNAGAR	DRASHTI PATHAK	GARIMA SAINI	AMIT KUMAR GAUTAM
STATE OF ART OF MEDICAL IMAGE SEGMENTATION TECHNIQUES	SHREYA CHAUHAN	KANCHAN YADAV	ANUKRATI MISHRA	
AUTO EVALUATION OF OMR ANSWER SHEETS USING MOBILE APPLICATION	PAWAN SRIVASTAVA	SHUBHAM KR. SINHA	PEEYOOSH KR. GUPTA	AMIT KUMAR GAUTAM
SCHEDULING OF FLEXIBLE MANUFACTURING SYSTEM USING GENETIC ALGORITHM	SAUMYA AGRAWAL	AYUSHI SHARMA	SATYAM RAI	
EMOTION RECOGNITION USING ARTIFICIAL NEURAL NETWORK	SUNIT TIWARI	SARVANAND PANDEY	SURJEET SINGH	
DETECTION OF FAKE CURRENCY USING IMAGE PROCESSING	NISHIKA CHAUDHARY	SHASHANK SHEKHAR MISHRA	ABHISHEK SINGH	VIKASH TIWARI
SECURITY OF TRANSACTION IN DBMS BY USING INTRUSION DETECTION AND INTRUSION PREVENTION SYSTEM	AARTI VERMA	LIPIKA GOEL	AKANKSHA RAI	PRIYA AWASTHI
A SURVEY: MULTI-USER VIDEO CHAT APPLICATION	NIPUN GUPTA	SUMIT AWASTHI	PAAWAN MISHRA	
MERA LEKH'- A HANDWRITING SPECIALIST	NISHAT AHMAD	AYUSH SINGHAL	ANURAG MISHRA	
MOBILE CODE EXECUTER	ALOK KUMAR RAI	DEEPMANI BHARDWAJ	ARPAN SRIVASTAVA	
MEDICAL HEALTH APP BASED ON GPS USING ANDROID	AYUSHI BANSAL	CHINMAI TYAGI	KARISHMA AGRAWAL	DINESH KUMAR
POACH TRACKER: AN ONLINE PLAGIARISM DETECTION TOOL	AAISHA ANJUM	AVANTIKA SRIVASTAVA	KAJAL GOEL	SONAL SHALYA
TRAFFIC CONGESTION ANALYSIS IN VARYING SCENARIOS	AASTHA SHARMA	PREETI KUMARI	SAHIBA GUPTA	SAPNA YADAV
VEHICLE ROUTING WITH DYNAMIC ROUTING	AISHWARYA PRATAP SINGH	AKSHAY MINHAS	ESHITA PAWAR	
PERFORMANCE ANALYSIS OF DIFFERENT INTERCONNECTION NETWORKS	SAPNA YADAV	AASTHA SHARMA	PREETI KUMARI	SAHIBA GUPTA
WIRELESS POWER TRANSMISSION BY USING "TESLA TOWER"	DIVYANG AGARWAL	APOORV SRIVASTAVA		
MARKET BASKET ANALYSIS USING ASSOCIATION RULE LEARNING	NIDHI MAHESHWARI	NIKHILENDRA K. PANDEY	PANKAJ AGARWAL	
WEBRTC BASED ANDROID APPLICATION	ROHAN SINHA	DHANANJAY SAINI		

CONTENT MANAGEMENT SYSTEM FOR TRAVELING AND BOOKING	SHIVANGI SARASWAT	SONIYA CHAUHAN		
NEWS AGGREGATION IN PYTHON USING HIERARCHICAL CLUSTERING	RAHUL S VERMA	SATYAM GUPTA	SHIVANGI	
WEB BASED COLLEGEHUB	MUKUL AGARWAL	SHANE AALAM	MOHD. AVESH	
UNIVERSAL E-TICKETING USING BARCODE	SAUMITRA VATSAL	SURAJ GUPTA	PRASHANT KUMAR	AMIT KUMAR

Alumni Meet-2016



Parent-Teacher Meet

An Alumni meet was organized on 27th March 2016. 17 alumni were present.

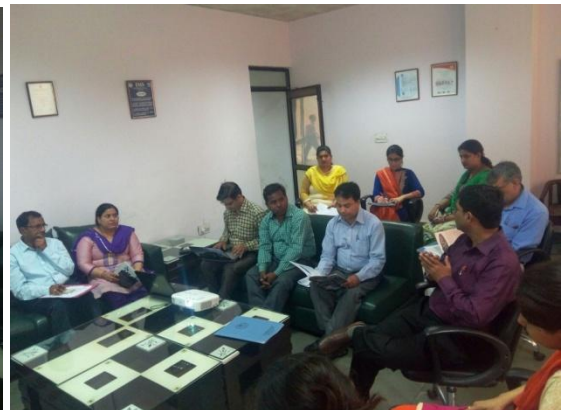
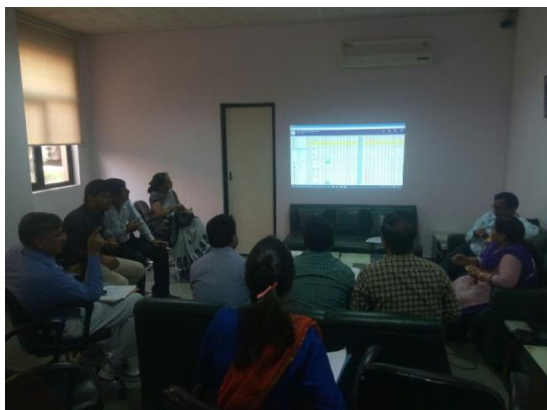
Parent Teacher Meeting was organized on 5th March, 2016 at Department with the purpose to invite suggestions from stakeholders to further enhance the teaching learning process and understand the students from parent's view point.

Parents expressed their honest opinion on the personality development, overall grooming and overall performance and the same were debated and discussed.

We received following suggestions from the parents.

- Parents suggested that students should be encouraged for positive motivational beliefs and self-esteem.
- Father of Aman Gupta suggested that college should take part in taking various decisions regarding career path for their ward as parents are not aware of IT field.
- Parents were not aware about attendance on portal, so the department demonstrated how the parents can monitor attendance of their ward from IMSEC website.
- Mrs. Kanta Suggested that all results should be sent to parents regularly and it should be sent subject wise.
- Mrs. Kavita Yadav suggested that even if student is placed in one company he should be allowed to sit in all placement drives.
- Parent of 2nd year student said 2nd shift time is very late and college hours should be less so that student gets time for self study
- Mr. Suresh Kumar said internal marks given by college are very less. To justify Dr. Pankaj Agarwal explained the process of awarding internal marks is transparent and pre defined and all students earn their marks according to their performance.
- Some parents said that college should provide relaxation in attendance to students having medical issues.
- Strategies for improving behaviour policies, ethics and values of students so that student can become good citizen to the country were discussed
- One of the parent said time to time counselling and guidance source of encouragement and very useful to the students in not only improving their performance in their course but also pursuing their career's goals.
- Attainment of program educational outcome and program specific outcome, teaching-learning were discussed. Also parents were distributed copy of NBA related PO and PEO
- The parents appreciated the faculties for creating the passion for teaching in the students to arrange more campus.

Parents were very positive about such interactions and complimented for the same. By virtue of the composition of college advisory committee, parents are also members of the committee.



Achievement by Piyush Agarwal

Student of 4th Year Piyush Agarwal won an overall 2nd position at all India coding project competition 'Hack-Δ-thon' an event organized under 'Make in India', Govt. Of India





Outstanding Performance in Sports

S.N	Name	Event Date	Event name	Venue of Event
1.	Shreya Chauhan	19-21 Feb 2016	Badminton Team	SRMS College of Engg & Technology
2.	Shreya chauhan	19-21 Feb 2016	Badminton Doubles	SRMS College of Engg & Technology
3.	Shreya Chauhan	13-14 Feb 2016	Volleyball(Girls)	IMS Engg College, GZB
4.	Sumit awasthi	2 Feb 2016	B-plan Competition	Delhi school of mgmt
5.	Nalin Gupta	19-21 Feb 2016	State level sports fest(Football)	SRMS College of Engg & Technology
	Priyaranjan Yadav	2 Feb 2016	B-plan Competition	Delhi school of mgmt