

SGI NEWSLETTER



NNSS ' SAMALKHA GROUP OF INSTITUTIONS
AN ISO 9001 : 2008 CERTIFIED INSTITUTE
APPROVED BY AICTE
AFFILIATED TO KURUKSHETRA UNIVERSITY

May 2015

Samalkha Faculty of Engineering

B.Tech

- Computer Science & Engineering
- Mechanical Engineering
- Electronics & Comm. Engineering
- Electrical & Electronics Engineering
- Civil Engineering
- Mechanical (Automobile) Engineering
- Aeronautical Engineering

M.Tech

- Electronics & Comm. Engineering
- Computer Science & Engineering
- Mechanical Engineering

Samalkha Faculty of Management

- BBA
- MBA

Samalkha Faculty of PGDM

- PGDM

One Day Project Exhibition of CSE Department

A Project Exhibition was organized in Samalkha Group of Institutions on 1st May 2015 for B.Tech Final year students for CSE stream. On this occasion, Prof. (Dr.) Rajesh Goel, Director, SGI, Mr. Amit Verma (HOD, CSE) and experts were present to motivate the students.

Around 33 students participated in the exhibition and presented their projects. Charts and PowerPoint presentations were the primary way to describe their work and discussed the goal of their projects. This event becomes the preliminary platform for students to develop technical skills so to face placements in future.

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

Shipment Booking System: - This project deals with Shipment Booking System. The system will be used for day to day activities like booking of consignment, benefits to clients to get order and pay shipment fees online by debit card, credit card and internet banking. Guided by: Mr. Amit Verma (HOD, CSE) & designed by Anurag and got 1st position.

Webal Proxy Server: - The objective of this project is to develop a proxy server. The purpose of the proxy server is to maintain a cache of commonly accessed websites in order to increase access speed and to reduce bandwidth usage. Guided by: Ms. Garima Garg (AP, CSE) & designed by Ankur, Anita & Karan and got 2nd position.

Online Chatting: - The objective of the project is to design an Online Chatting application. The project has been designed on Advance Java Technology and consists of as the database for the project. Guided by: Mr. Sumit Wadhwa (AP, CSE) & designed by Priyanka, Anita & Perna and awarded as 3rd position.

Remote Desktop Administration: - The objective of this project is to develop an application that can control remote computer through network. There are three components i.e. Server, Network and client. Guided by: Mr. Amit Verma (HOD, CSE)

Multipoint Frame- Relay: - This project enables access to business information and allows for profitable and effective communication flow between employees in different enterprise sites. Guided by: Mr. Sumit Wadhwa (AP, CSE)

Airline Management: - This project is able to provide much information like passenger's information, criminals, list of all passengers etc. Guided by: Ms. Neha Pahwa (AP, CSE)

Online Bookshop: - The main aim of this project was what lot of people choose to shop online instead of walking traditional bookshop. Guided by: Mr. Anish Shandilya (AP, CSE)

College Education system :- The main objective of this project is to provide easy way of learning in which students can learn in more appropriate way according to their understandability. Guided by: Ms. Garima Garg (AP, CSE)

The exhibition was coordinated by Mr. Sumit Wadhwa, faculty of CSE Department under the guidance of Mr. Amit Verma (HOD, CSE Department).



Project Exhibition of ECE Department



A Project Exhibition was organized in Samalkha Group of Institutions on 5th May 2014 for B.Tech ECE final year students. On this occasion, Prof. (Dr.) Rajesh Goel, Director, SGI and experts were present to motivate the students.

Around 61 students took part in the exhibition and displayed their projects. Each student described his/her work with the help of charts and power-point presentations. All these projects were prepared by the students themselves and the motive was to minimize the casualties during war in border areas & designing new ways to help our military system to communicate.

Experts went to each desk and queried about the concept they highlighted. This event was a source of motivation regarding their technical knowledge, confidence and communication skills with the aim of helping to face various phases of placement activities. This event was planned for the whole day and the students were found very excited during the event. This event was a source of motivation to the students who are in 2nd and 3rd year of B.Tech.

Many projects as mentioned below were displayed on this day:

Metro Based Upon Automation Using PLC-This project describes how proximity sensor allows the metro to stop by sensing metal stick to the metro. The guide of the project was Mr. Tarunjeet Singh Chugh (AP, ECE Deptt.). This project got 2nd position in the Exhibition.

Gesture Controlled Smart Rover- This project describes the ROVER controlled by gestures or movements of our hand by using an accelerometer ADX-335 which will be fixed on a glove. The guide of the project was Mr. Pankaj Kakkar (AP, ECE). This project got 3rd position in the Exhibition.

Wireless Multiple Combat Robot - The project demonstrates the idea of wireless multiple robot that can be controlled by GSM technology or by Skype. With the help of GSM technology the direction to robot forward, backward, left, right and stop. The guide of the project was Mr. Hemant Chugh (AP, ECE).

Women Security System & Tracking System- The main idea of this project is to address the issue of women security by making a device which can send a SOS & SMS along with the Real Time Tracking of the women's location whenever a panic alert button is pressed. The guide of the project was Mr. Tarunjeet Singh Chugh (AP, ECE Deptt.).

SensCAP For Blind- The project suggested a system with one motion detection sensor placed on blind person's cap fitted on servomotor so that it covers wider area and that their duty is taking obstacles from front sides. The guide of the project was Mr. Tarunjeet Singh Chugh (AP, ECE Deptt.)

Automatic Curtain System- This Project is based on the motion detection near the curtain made by the body. In this project sensors play a very important role as they detects the motion of human. The guide of the project was Mr. Pankaj Kakkar (AP, ECE Deptt.). This project got 1st position in the Exhibition.



Density based Traffic Signal system- In this project signal timing changes automatically on sensing the traffic density at the junction. This project is designed to overcome the problems of traffic congestion in the system. The guide of the project was Mr. Hemant Chugh (AP, ECE Deptt.)

Future Voting Machine- This project used a new approach for voting in which various forms of electrical thefts can be overcome. The guide of the project was Mr. Tarunjeet Singh Chugh (AP, ECE Deptt.)

IR Based Border Security System- This project includes radar detectors which help in identifying the presence of radars, such as those used by police to locate cars driving over the speed limit. K-band radar is mostly used by police. The guide of the project was Mr. Pankaj Kakkar (AP, ECE Deptt.)

Security for blind persons- This project is used for blind persons for security reasons, object detection & hazards knowing. This project is also based on the use of infrared sensors. The guide of the project was Mr. Tarunjeet Singh Chugh (AP, ECE Deptt.)

Bluetooth Wheel chair- This project is designed to control the car using an Android device with an accelerometer tilt forward, tilt left, tilt back, tilt right. Speed of movement or rotation depends on how much you tilt the device. The guide of the project was Ms. Diksha Nagpal (Lecturer, ECE Deptt.)

The whole event was coordinated by Mr. Pankaj Kakkar, Faculty of ECE Department. The whole event was successful due to the dedicated efforts of Mr. Vikas Utraja, HOD, ECE & EEE Department.



Seminar on Career Counseling by Samalkha Group of Institutions, Karnal Club

A Seminar on “Career Counseling” has been organized by Samalkha Group of Institutions on 17th May 2015 at Karnal Club. Career Counseling is a process that would help 12thians to know and understand the world of education in order to make optimistic decisions that would affect their career & life. Dr. Sarita Goel (Member Executive, SGI), Dr. Puja Walia Mann (Dean, FOM), Mr. Vikas Uttreja (HOD, ECE & EEE), Mr. Arpan Manchanda (HOD, ME), Mr. Anish (AP, CSE), Ms. Dimpy (AP, EEE) and Ms. Neha (AP, CSE) had conducted the seminar and guided the students about different career opportunities.

On this great day, members of the SGI were thankful to Mr. Chand Singh (Professor, A.K. Vidyamandir, Chandigarh), Dr. Rishipal (Professor, Amity University, Gurgaon) and Mr. Kamal Mann (Director, NEEV Foundation) for making their presence as our Hon’ble guests on this day and they were honoured & cherished by Dr. Sarita Goel and Dr. Puja Walia Mann with a bouquet.

The seminar was anchored by Ms. Neha Pahwa (AP, CSE). Our guest Mr. Chand Singh, Professor, A.K. Vidyamandir who guided the students by showing a video on “Marsh Mellow” which shows “some kids will nibble away at the marshmallow, squish it, squeeze it, sniff it, roll it around on the plate, and generally torture themselves as they wait, wait, and wait for the second marshmallow to arrive. Those who can wait will be better off later in life”. And, then Dr. Rishipal, Professor in Amity University & our hon’ble guest highly geared up the ceremony with his presentation on the career counseling by citing various examples. He told the students about the importance of career. According to him, the goal of Career Counseling is to not only help us to make wise decisions, but also give the knowledge and skills to the students for enlightening their career.





The seminar was proceeded by Mr. Anish Shandilya, Assistant Professor, Computer Science & Engineering Department who welcomed the parents over there and gave presentation on the “Scope of Engineering in Today’s World”. He told that every engineering branch has its significance & it depends on the choice of the student which one is suitable & apt for him/her. “Engineering is a design-oriented subject”. Design involves problem solving. If we became a good problem solver, every branch of engineering offers us job opportunity.

Certain questions & students queries were handled by our Member Executive; Dr. Sarita Goel who shared her experiences with the students and gave discrete solutions of various doubts. She explained the evitable career options & told students about planning of their educational + professional life. She focused on various branches of SGI through a power point presentation.

Finally, the last pearl to the garland was added by Dr. (Mrs.) Puja Walia Mann Dean- FOM who gave an excellent talk and motivated students. She threw light on various aspects about Management. She highlighted the fact that anything can return back to us in life but one needs to be honest and optimistic towards life.

Lastly one to one counseling session took place with our expert career counselor. All the students present there got guidelines about their future scope & they were very happy. They came to know about actual facts & figures of their careers which they never knew. The seminar was a great success only due to the efforts and dedication of the members of SGI.



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