

# BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE

## Fatehgarh Sahib

THE CAMPUS PULSE

APRIL 2015

### FROM THE PRINCIPAL'S DESK



Major General  
Dr. Gurcharan Singh Lamba, VSM (Retd)

I feel elated in congratulating all the students and staff members through the portals of "The Campus Pulse" on our accomplishments during the session 2014-15. It has been a wonderful year for the college, be it on the academic front, co-curricular activities or on the sports front. The beginning of a new session is always an auspicious time - a time for new hopes and renewed dreams. The College campus will bloom once again to receive new life in form of Freshers. I wish good luck to the existing students for their forthcoming exams. I would also like to wish success to the passing out students for their bright and prosperous future.

### Latest News



- To seek blessings of Almighty, GURU GOBIND SINGH STUDY CIRCLE organized "Sri Sehaj Paath". Bhog ceremony was held on 11<sup>th</sup> March, 2015, followed by supernal shabad kirtan which was recited by Bhai Manpreet Singh Ji Kanpuri and Bhai Amarjeet Singh Ji Patiala. Bhai Harpal Singh Ji, Head Granthi, Gurdawara Sri Fatehgarh Sahib encouraged the students to lead a life of simplicity and self sufficiency.
- Annual Athletic Meet of the college was also held on 11<sup>th</sup> March, 2015. The students participated in various Track and Field Events. Manpreet Singh (M.Tech) & Manpreet Kaur (B.Tech) were adjudged best athletes amongst boys and girls respectively.
- Award distribution function was held on 21<sup>st</sup> Feb, 2015 to felicitate the students for their excellence in different fields.
- S. Amrinder Singh Libra joined as member secretary BBSB Education Trust on 16<sup>th</sup> Dec, 2014.

Let the beauty of what you love be, what you do

## CENTRAL ACTIVITIES

### PARENT TEACHER ASSOCIATION MEET & AWARD DISTRIBUTION CERMONY

PTA of BBSBEC has been re-constituted on 21<sup>st</sup> Feb, 2015 to develop a platform through which parents and teachers can exchange their views. The new office bearers were nominated amongst the parents present on the occasion. It has been further resolved that general body meetings of PTA would be a regular feature. Besides this, the "DISTINGUISHED STUDENTS" were awarded with certificates of recognition for their excellence in the different fields i.e. academics, co-curricular and religious activities.

The following students were given a scholarship of Rs 25,000/- in each category

S.No	Name of Scholarship	Awardees	
1	Baba Banda Singh Bahadur Scholarship for Excellence in Academics	Amandeep Kaur (CSE) Arshjot kaur (CSE)	(Shared)
2	Giani Ditt Singh Scholarship for Excellence in Religious Activities	Prabhjot Kaur (EE)	
3	Baba Ajay Singh Scholarship for Excellence in Sports Activities	Kulraj Singh (ME)	
4	Mata Gujri Ji Scholarship for Excellence in Extra-curricular Activities	Harpreet Singh (ME)	

- Merit Certificates were given to the toppers of the university exams of previous years in every batch.
- Certificates of recognition awarded to the students, excelling in sports, literary and co-curricular activities.



**Next to the excellence is the appreciation of it**



## CENTRAL ACTIVITIES

- Tours and excursions, being regular feature of the college are organized every year. The students of 2<sup>nd</sup> and 4<sup>th</sup> year visited Mussoorie from 6<sup>th</sup>–8<sup>th</sup> and 27<sup>th</sup>–28<sup>th</sup> March, 2015 respectively. During their visit, they got an opportunity to visit Forest Research Institute, Kempton Fall, Robber's Cave and Panty Sahib.
- The 3<sup>rd</sup> and 4<sup>th</sup> year students of BBSBEC under the supervision of Prof. Lakhvir Singh energetically followed a trekking route from Jabli to Kasauli on 28<sup>th</sup> March, 2015. During this adventurous, endeavour students enjoyed the sight-seeing amidst the beauty and serenity of the hill station. It had been an extremely thrilling and riveting experience for the students.



**The supreme accomplishment is to blur the line between work & play**



## CENTRAL ACTIVITIES

### Kashmir Flood Relief Fund



During the catastrophic moments of Kashmir, SGPC took initiative and arranged Relief fund for the affected people. Jathedar Avtar Singh President SGPC and BBSB Education Trust flagged off the truck loaded with relief aids. The principal and staff members of BBSBEC contributed their one day salary to the relief fund.

### Catering the Needs of Students



To enhance the residential capacity for the students of the ongoing program, Jathedar Avtar Singh Ji President SGPC & BBSB Education Trust initiated the construction of "BABA MALI SINGH BOYS HOSTEL". The hostel will be a seven storeyed and fully Air-Conditioned hostel with all the modern amenities.

### Noble Deeds Never Die



To co-memorate the death anniversary of Parth Rattan Jathedar Gurcharan Singh Ji Tohra, a Blood Donation Camp was organized by the college NSS Unit on 1<sup>st</sup> April, 2015 & 229 volunteers donated blood. Member Secretary Trust S. A.S. Libra, S. K.S. Panjoli & S. N.S. Tiwana blessed the volunteers for their altruism.

**Service to mankind is service to God**



## CENTRAL ACTIVITIES

### “Emerging Profile of Threats and Structures for Disaster Management”



Keeping in view, the societal responsibility, Punjab Technical University organized a seminar on “Emerging Profile of Threats and Structures for Disaster Management” under the leadership of Dr. Rajneesh Arora at CII auditorium, Sector 31, Chandigarh. A team of fifteen students lead by Major General Dr. Gurcharan Singh Lamba (Principal), Dr. Amritbir Singh (Dean Student Affairs) and Dr. Parminder Singh Saini (D.P.E) attended seminar held at the seminar reasserted the issues related to disaster management.

### Travelling to the Fantasies of Childhood

A magic show was organized in the college auditorium by the District Red Cross Society to raise the awareness about the prevalent social evils and to generate charity for the philanthropic causes. A fantastic show was presented by Mr. Mani Ram Soni, a renowned magician of Ludhiana. He mesmerised the audience with his magical tricks.



**Any sufficiently advanced technology is indistinguishable from magic**



## CENTRAL ACTIVITIES

### *Scintillating Performance during 22<sup>nd</sup> Annual Athletic Meet*

22<sup>nd</sup> Annual Athletic Meet of BBSBEC was organized on 11<sup>th</sup> March, 2015 amid much fanfare and frolic. The students from all the graduate and post graduate departments actively participated and exhibited true sportsmanship. The winners of different Track & Field events were awarded with medal & certificates. Manpreet Singh (M.Tech) & Manpreet Kaur (B.Tech) were adjudged as the best athletes amongst boys and girls respectively and were given trophies.



Torch Bearers Marching ahead for the Inaugural Ceremony of the 22<sup>nd</sup> Annual Athletic Meet – 2015 of BBSBEC, Fatehgarh Sahib



Chief Guest of the inaugural function, S. Sarpal Singh, Olympian & former Indian hockey player along with Principal Dr. G.S. Lamba honoring the winners.



Chief Guest of the valedictory function of annual athletic meet S. Narinder Singh Tiwana, member BBSB Education Trust and Hon'ble Vice Chancellor, SGGSWU, Fatehgarh Sahib, Principal & Staff honouring the winners.

**Sweat plus sacrifice equals success**



## CENTRAL ACTIVITIES

### OVERALL TROPHY WINNER



BBSBEC has raised the victory flag once again by winning the 'Overall Winner Trophy' of PTU Zonal Youth Festival-2014. BBSBEC has kept the winning streak up by achieving this honour for the third consecutive year.

### Trophy of Cricket Competition



A Cricket Match was played between teams of ISHRAE Clubs of Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib and Shaheed Uddham Singh College of Engineering and Technology, Tangori on 2<sup>nd</sup> April, 2015 at SUSIET, Tangori. BBSBEC Team won the match with a huge margin.

### Khalsai Khed Utsav



11<sup>th</sup> Khalsai Khed Utsav, was organized in BBSBEC, under the flagship of SGPC, from October 14<sup>th</sup>-16<sup>th</sup>, 2014. This annual Khed Utsav witnessed the participation of 34 SGPC colleges for total 14 events including hockey, football, basketball, badminton, kabaddi (Punjab Style), kabaddi (national style), volleyball, gatka, table tennis, weightlifting, chess, kho-kho, handball and athletics. Around 3500 students from different colleges participated in this mega sports event. Punjab minister for higher education S. Surjit Singh Rakhra inaugurated the traditional Khalsai games & Jathedar Avtar Singh (President SGPC & BBSB Education Trust) presided over the function.

**Winners never quit and quitters never win**



## CENTRAL ACTIVITIES

### National Conference AEECE

by EE & ECE Department

Department of EE & ECE of BBSBEC, Fatehgarh Sahib organized a national level conference AEECE 2015 on 20-21 February, 2015. The conference focused on the recent advancements in Electrical and Electronics & Communication Engineering. A total of 120 papers were received out of which 90 were selected after peer review. After initial scrutiny of 90, 50 papers were selected for presentation whereas the rest were displayed in the form of posters. The presentations were made in six sessions over a period of two days. A project exhibition was also arranged on February 20. Students from 6 colleges displayed their projects in the exhibition. The first prize in the project exhibition was bagged by the students of BBSBEC, the second prize was won by Chandigarh University Gharuan and the third prize was shared by the students of Gulzar group of Institutes and BBSBEC.

Dr. Manjeet Singh (Director TBRL, Chandigarh) Chief Guest, Dr. Shakti Kumar (Vice Chancellor, Baddi University) Keynote Speaker, Sh.S.K. Angra (Chairman, Chandigarh Centre of IETE), Er. Harmeshpal Gupta (Chief Engineer, PSPCL), Dr. P.S. Bhatti (Director, BBSB Educational Trust), Dr. Mandeep Singh (Thapar University), Dr. Ajat Shatru Arora (SLIET, Longowal), Dr. Y.S. Brar (GNDEC, Ludhiana), Dr. Neelam Rup Prakash (PEC, Chandigarh), Dr. Lijni Mathew (NITTTR) and Dr. Neelesh Kumar (Sr. Scientist, CSIO, Chandigarh) shared their valuable expertise with the delegates.

### GLIMPSE OF THE EVENTS



**Modern technology is the crucible for civilization**



## CENTRAL ACTIVITIES

### CONVOCATION



Convocation is an important event in the life of a student because it is virtually impossible to compete in today's global economy without a college degree. BBSBEC organized its convocation on 13<sup>th</sup> December, 2014. The occasion was graced by honourable Dr. Daljit Singh Cheema (Education Minister, Punjab), S. Harmel Singh Tohra (Member Trust), S. Avtar Singh Samla (Secretary Trust), S. Narinder Singh Tiwana (Member Trust), Dr. P.S. Bhatti (Director College Trust), Dr. Pritpal Singh (Registrar SGGSWU, FGS).

Principal Maj Gen Dr. G.S. Lamba presented the annual report of the college highlighting the achievements of the institution during current year. Approximately 530 students were awarded degrees. Besides this the meritorious students of 2010, 2011 and 2012 were honoured with the medals and the merit certificates.

### QUALITY DEVELOPMENT PROGRAM



A two day program was held on 8<sup>th</sup>-9<sup>th</sup> December, 2014. Dr. Harjinder Kaur (Ex-Mayor Chandigarh) shared her thoughts about "Ethos and Personal Discipline to be followed by the Faculty". Later on a keynote Lecture was delivered by Dr. Surinderbir Singh (Ex Principal, GNDEC, Ldh) on the topic "Techniques to Enhance Student Participation in the Teaching Learning Process". Then Dr. Pushpinder Singh enlightened the audience about the importance of "Developing Personality Development Skills in the Faculty". Dr. (Ms.) PK Tulsi (Dean, Research and Development, NITTTR, Chandigarh) highlighted the role of "Communication skills & Effective Conduct of Class Exploiting Current Training Techniques". An Overview was also given on the importance of "MS-Office Productivity Tools" by Dr A.P.S. Sethi (HOD M.E.)

**Success is where preparation and opportunity meet**



## DEPARTMENT OF COMPUTER SCIENCE & INFORMATION TECHNOLOGY

- Programming hunt was organised under the supervision of head of dept. Dr. R.S. Uppal on 21<sup>st</sup> August, 2014. Around 150 students registered themselves for the event, out of which nine students were declared winners.
- The Social awareness & Medical camp was organized on 26<sup>th</sup> Sept, 2014 by BBSBEC in collaboration with the Gram Panchayat, Village Mahadian of Block Bassi Pathana, Distt. Fatehgarh Sahib. The camp was inaugurated by Mr. Arun Shekhri (Deputy Commissioner, Fatehgarh Sahib). A free medical checkup & tree plantation drive were the attractions of the day.
- Dept organized a seminar on 28<sup>th</sup>, August 2014 for motivating the students to appear in Graduate Aptitude Test for Engineers (GATE).
- A gaming event, "GAME WAR" was also organised on 14<sup>th</sup> August, 2014 and around 128 students registered themselves for the same.
- TCS under the column "CAMPUS COMMUNE" conducted a programming examination. The qualifying graduates were to be provided free training.
- CSI Chandigarh Chapter celebrated the CSI Foundation Day on March 14, 2015 at IETE Building, Sector-30-B, Chandigarh.
- Parmeet Kaur (M.Tech CSE) presented paper entitled "A STUDY OF SHANNON & RENYI ENTROPY BASED ON APPROACHES ON IMAGE BASED SEGMENTATION" during the international conference held at Bhai Gurdas Institute of Engg & Technology, Sangrur & received "BEST PAPER AWARD" for the same.

### CSI NATIONAL SEMINAR

A two-day seminar on Cyber Warfare, under the aegis of Computer Society of India (CSI), started amidst the technical ambience, exploring the cyber security domains. Dr. Gurmohan Singh Walia (V.C. SGGSW University) arrived in as the chief guest and Avtar Singh Sampla (Secretary Baba Banda Singh Bahadur Education Trust) made his presence felt as the guest of honour. Besides them, Dr. Anirban Basu (Chairman Div V, CSI) & Dr. DK Jain (Executive Director, CDAC, Mohali) also contributed with their valuable suggestions and inputs regarding information security. Seminar was coordinated under the guidance of, Prof. R.S Uppal (HOD CSE & IT).



MOOD INDIGO, also known as Mood I, the Annual Cultural Festival of the IIT, Bombay was held on 26<sup>th</sup> to 29<sup>th</sup> December 2014 in which the department team performed Bhangra and was selected in the top six.

**The real problem is not whether machines think but whether men do**



## THE CAMPUS PULSE

### CSI Foundation Day Celebration

Under the Guidance of Prof. Gurleen Sidhu



CSI Chandigarh Chapter celebrated the CSI Foundation Day on March 14, 2015 at IETE Building, Sector-30-B, Chandigarh. A Technical Paper Presentation contest on the topics "Big Data for Education" and "Big Data for Health Care" was organized during which members of CSI Student Chapter (BBSBEC) participated & secured second position. They were facilitated with certificates and cash prize. The team comprised of Parbhdeep Kaur, Jaskiran Kaur & Pamalpreet Kaur.

### Laurels at the Event "PARGAAS" SGGSWU



The students of the dept participated in the Youth Festival PARGAAS 2015 organized by SGGSWU, Fatehgarh Sahib and gave their excellent and skilled performances in the events "LAN GAMING-NFS & CS" & secured 1<sup>st</sup> & 3<sup>rd</sup> position respectively.

- One Day Workshop on "Cloud Computing" was held on 28<sup>th</sup> February, 2015 under the guidance of Prof. Jagdeep Kaur for under-graduate students of CSE and IT Dept.
- An Expert Talk on "Current Storage Technologies and their Comparison" was delivered by Dr. Raman Majhi (Professor in Computer Engineering, Punjabi University) on 7<sup>th</sup> March, 2015. Prof. Ishpreet Singh Virk coordinated the event.
- Dr. Gural Memorial Educational and Social Welfare Society (Regd.) has been set up by the CSE/IT Department to provide scholarship to the merit holder of second year. One student of the dept has received a scholarship of Rs 11,000/- on 13<sup>th</sup> Dec, 2014.

### DST Sponsored Seminar



During two day seminar from 7<sup>th</sup>-8<sup>th</sup> April, 2015 on "Science for Sustainable Global Development", Dr. Susheel Mittal (Deputy Director, Thapar University) and Dr. Nirankar Singh (HOD Chemistry Dept., Chitkara University) were the chief guests for 1st and 2nd sessions respectively. The occasion was also graced by Er. Gurkaran Singh (Asstt. Environmental Engineer, PPCB). Key points discussed during the seminar were waste management, environment protection and monitoring of ambient air quality.

**Education is the most powerful weapon, use it to change the world**



## DEPARTMENT OF ELECTRICAL ENGINEERING

- As per the activity calendar during the first week of academic session, a Quiz competition was organized on 24<sup>th</sup> July, 2014. Final year students hosted the show & around 23 students participated in 5 groups from B. Tech 2<sup>nd</sup> year and 3<sup>rd</sup> year.
- A lecture by Prof. B.S. Bhullar (Head T&P Cell) on resume writing was organized on 31<sup>st</sup> July, 2014. All the Students of 2<sup>nd</sup> year, 3<sup>rd</sup> year and 4<sup>th</sup> year of Electrical Engineering Department had attended the same.
- A Group Discussion was organized on 21<sup>st</sup> Aug, 2014. Mr. Simarpreet Singh delivered a lecture on "Group Discussion".
- A session on "TECHNICAL AWARENESS "powered by NSDC, Ministry of Finance (Govt. of India) was organized on 29<sup>th</sup> September, 2014 in college. The speakers shared their valuable experiences on INDUSTRIAL AUTOMATION & BUILDING AUTOMATION. The seminar was attended by the students of 5<sup>th</sup> and 7<sup>th</sup> semester of the dept. They were apprised of the role of automation in the industry and its various peculiar aspects.
- Four students, Inderjeet Singh, Lovneet Singh, Manpreet Singh, and Yudhvir Singh of 7<sup>th</sup> semester EE department participated in Regional ISTE convention at Rayat Institute of Engg. And Technology (Pb.) for the event MINERVA-2014 and received first prize for the project entitled "Working model of an overhead crane with RF remote control".



**An investment in knowledge pays the best interest**



## THE CAMPUS PULSE

### Social Awareness & Free Medical Camp



The EE dept of the college under the patronage of the college Principal organized a camp at village Panjoli Kalan on 30<sup>th</sup> Jan, 2015. The camp was organized with the support of S. Karnail Singh Panjoli (Member Trust). A presentation was given on the need of energy conservation. The college organized a science project, photography and poster exhibition. The students of BBSBEC also presented a play on drug de-addiction, quiz and painting competitions were also organized for the school students. A mock fire drill was organized in which Mr. Davinder Singh Saini demonstrated the measures to be taken in case of fire. A free medical check-up camp was jointly organized by the college and a team of Doctors lead by Dr. Varun (Medical Officer, Civil Hospital, village Chanarthal). A tree plantation camp was also organized. Prof. Prem Singh Chandumajra graced the occasion with his presence and inaugurated the village Suvidha Kendra. The chief guest of the day S. Gurmeet Singh Randhawa, SSP Fatehgarh Sahib shared the efforts which Punjab police is putting in to eliminate the network of drug suppliers.



**Be kind whenever possible, it is always possible**



## DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

- The Dept celebrated 47<sup>th</sup> Engineers' Day by organizing ELECTROVIBES 2014 on 15<sup>th</sup> September, 2014. QUIZMASTER, CIRCUITRIX, TRIZ, QUEST, V-DESIGNER, PREZENTA and ART GALLERY remained attractions of the day.



- A workshop on 'WIRELESS COMMUNICATION WORKSHOP' was conducted by Mr. Kapil Bhutani (Director, Telcocrats Technologies, Chandigarh) and his colleagues Alok Tiwari and Mayank Kaushal on 9<sup>th</sup> Sept, 2014. Around 100 students from the dept participated and were benefited from the same.



- One day Workshop on Robotics was organized by the department on 12<sup>th</sup> Aug, 2014. During the workshop Mr. Gurmeet Sharma (Eureka Electrosoft Solutions Pvt Ltd) delivered an expert lecture and gave presentation on Embedded Systems & its Role in Robotics with a video demonstration on "Autonomous Intelligent Robotics". The certificates were given to all the participants.

**Attitude not aptitude determines your altitude**



## THE CAMPUS PULSE

### *Highlights of the Electrovibes.....*



- A Social Awareness & Medical Camp, was organized on 14<sup>th</sup> Nov, 2014 by BBSBEC in the village Sampla (Dist. Fatehgarh Sahib), with the aim to make the students learn through community service & also to create awareness about hygiene, health and environmental issues in the rural areas. S. Avtar Singh Sampla (then Secretary Trust) inaugurated the camp. The program was envisioned by the then Secretary College Trust S. Avtar Singh Ji Sampla and Dr GS Lamba, Principal, BBSBEC. They interacted with the Gram Panchayat of Village Sampla, Distt. Fatehgarh Sahib and discussed the issues and requirements of the village.
- Mr. Jagnoor Singh (Batch 2003-07) of B. Tech. Electronics & Communication Engineering has been awarded with the "Distinguished Alumni Award" by Punjab Technical University on the eve of its 19<sup>th</sup> Foundation Day on 16<sup>th</sup> Jan. 2015.
- The students of the dept bagged 1<sup>st</sup> prize in Science/Technology Fiction Essay Writing Contest and 2<sup>nd</sup> prize in Project/Model competition INNO-TECH held at Pushpa Gujral Science City, Kapurthala in year 2014.

**The seeker comes forth, the debater dies**

## DEPARTMENT OF MECHANICAL ENGINEERING

- An exhibition on “Basic Mechanisms of Machines” was organized on 15th September, 2014. Students of 3rd semester from Mechanical Engineering Department demonstrated models of various mechanisms like Belt Drives, Gear Drives, Shapers and Pantographs etc. in the exhibition. Apart from faculty and students of Mechanical Engineering department, faculty and students from other departments of the college also showed interest in the exhibition. They gained knowledge about various mechanisms used in daily life machinery through these working models.
- An exhibition of the projects made by final year students of Mechanical Engineering Department was organized on 31st October, 2014. Students of final year demonstrated and explained their projects in the exhibition. A total of 23 projects fabricated by final year Mechanical Engineering students and 11 projects by Industrial engineering students were showcased. Senior faculty members of the department gave their feedback and valuable suggestions to the participating students.
- Department of Mechanical Engineering organized a 5 days' workshop on SOLIDWORKS from 17th November, 2014 to 21st November, 2014. Prof. Peeyush Gaba coordinated the show and Prof. Rajmeet Singh, Prof. Sanpreet Singh & Prof. Gagandeep Singh gave hands on training to students on how to create parts, assemblies, drawings, and to simulate models in real world conditions. Total 34 students participated in this workshop. All the students were given a certification on “Basics of Solid Works”. With more practice, the students would be able to take the CSWA exam and obtain the credential to get the best jobs. Customers like DEMECH Esscarno Power and Essae-Teraoka demand highly skilled engineers that have SolidWorks skills. The workshop had been an eye opener for the students who want to pursue their career in the simulation & modelling industry.

### Project - Indian Karting



In the event Indian Karting Race, 2015, organized by ISIE at Kari Motor Speedway, Coimbatore, Tamil Nadu, the students of Mechanical Engineering Dept of BBSBEC competed on an all India level. Around 67 teams participated in the event, our team successfully managed to qualify the inspection round, followed by the presentation round. The team entered the finals and managed to secure overall 14<sup>th</sup> position.

### TECHFEST PANACHE-2015



The students of the dept participated in the Techfest PANACHE 2015, (SUS Tangori) & won the 1<sup>st</sup> prize worth Rs10000/-. The project was carried out under the guidance of Prof. Peeyush Gaba & Prof. Birdevinder Singh.

**In this world a man must either be anvil or hammer**



## THE CAMPUS PULSE

### Workshop on “Basics of Air Conditioning and Refrigeration (RAC) Concepts”



The BBSBEC-ISHRAE student chapter organized a one day workshop on 20<sup>th</sup> Jan, 2015 for the faculty and the students. The workshop was conducted by Mr. R P Das, an eminent and distinguished Certified Trainer from Carrier USA. He had discussed the fundamental principles, cycles and the working components of RAC and rides through the industrial applications, technical problems and RAC history. The workshop had been an intellectual feast for the students and faculty of the dept. Prof B.S. Bhullar thanked the delegates and motivated the students in taking industry defined problems for their future research.

### Achievers of “PARGAAS - SGGSWU”

The students of the dept under the guidance of Prof. Peeyush Gaba had participated in the youth fest “PARGAAS” organized on 27<sup>th</sup>-28<sup>th</sup> Feb, 2015 by SGGSWU, Fatehgarh Sahib. The students demonstrated their project “GO-KART” in the event “Science Mania (Non-Working)” & won the 2<sup>nd</sup> position. Another team from the same dept also participated in the event “Science Mania (Working)” and showcased their project “Solar Powered Car” and won 1<sup>st</sup> Position.



**The mechanic that would perfect his work must first sharpen his tools**



## DEPARTMENT OF CIVIL ENGINEERING

- As per requirement of the course curriculum to organize a survey camp of 4 weeks duration at some semi hilly terrain, a survey camp was organized for the 2nd year students of the department at Shogi near Shimla. Teachers trained the students on all the techniques of surveying and sheets were prepared for the evaluation of their work during the camp. Students enjoyed their work & stay during the camp.
- A registration event for the 1<sup>st</sup> year students was organized in the college campus by the department of Civil Engineering on 1<sup>st</sup> Aug, 2014. Faculty members, along with a team of the students of the previous batches undertook the task of welcoming and facilitating the registration process of the newly admitted students. It was a very well managed event and registration desk was completely managed by the senior students of the department.
- A seminar on STAAD PRO & FOUNDATION SOFTWARE: Keeping in mind the expectations of the civil engineering industry from the fresh graduates an awareness seminar regarding the role of softwares in the civil engineering profession was organized on 8<sup>th</sup> Sept, 2014 for the 3<sup>rd</sup> year and final year students of Civil Department. Mr. Rominder Singh Bedi, Business Manager from Innovative Systel (Channel Partner of Bentley Systems) talked about the need of softwares in the civil engineering projects and role of training institutes for bridging up the gap between institutions and industry. Mr. Akshit Dhawan (A.E. Structural Engineer, Bentley Systems, and Mumbai) gave technical presentation on the applications and capabilities of the STAAD PRO software for civil engineering design process. Students got exposure about the practical usage and need of the software, considering the demand of the industry which will reduce the work load on the structural engineers.



**Everything starts with one step, one brick, one word or one day**



## THE CAMPUS PULSE

The society of civil Engg students named BRICK (BBSBEC Royal Icons of Construction Kingdom) organized a technical event on 20<sup>th</sup> March, 2015 at Gianji Ditt Singh auditorium.

The event consisted of:

1. Model Making competition
2. Quiz
3. Expert lecture

The function started with the inaugural speech of. Prof. N.P. Singh (HOD Civil Engg). Principal Dr. G.S. Lamba who envisioned this program, motivated the faculty and students for their laudable efforts. Different models related to diverse fields of Civil Engg made by students were displayed in adjoining gallery which demonstrated great efforts of the students. Technical quiz was conducted by dividing the students into various teams. The quiz was followed by an expert lecture on different softwares related to Civil Engg by CADD centre. The event concluded with the prize distribution function. Cash prizes were given to the winners of model making & quiz competition. Certificates were also given to participants of various events. Students of the dept, enthusiastically put in whole hearted efforts in marking the event a great success. The BRICK society hoped to organize such events in future also. These types of events definitely endows to the overall development of the engineering graduates.

### *GLIMPSE OF THE EVENTS ORGANIZED BY BRICK*



**Quality is not an act, it is a habit**

## DEPARTMENT OF APPLIED SCIENCES

- Under the able guidance of Dr. G.S Lamba, Principal of the college, Dr. H.S Bhatti welcomed the new comers during two days orientation program. The students have been given copies of syllabi, code of conduct and were also apprised with the norms of academics, academic calendar, and procedure of evaluation.
- The students of Applied Sciences department also showcased their talent during "Freshenza 2014" and besides this, they also participated in the literary and fine arts activities organized by literary club of the college.
- A Seminar was conducted on the theme "Social Networking is making us Anti-Social" and the students of the dept came up with their views, realizing the importance of need to understand how far youth is affected by these social networking sites.

- The Literary Society of the college under the guidance of Dr. Amritbir Singh (Dean Student Affairs) Coordinated Teachers Day on 10<sup>th</sup> September, 2014. The Student showcased their reverence towards their mentors by giving exuberant performances and the staff members of the college also gave special performances to express their gratitude for the tribute paid to them.
- Women's Day was celebrated on 10<sup>th</sup> March, 2015 by introducing a new concept of "THE BRITISH PARLIAMENTARY DEBATE". The participants learnt the technicalities of this new format of debate. Around six teams volunteered to participate in the debate.

### ਧਰਤੀ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ ਦੀ

1. ਸ੍ਰੀ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ ਨੂੰ ਹਰ ਕੋਈ ਸਿਜਦਾ ਕਰਦਾ ਏ, ਏਸੇ ਲਈ ਇਤਿਹਾਸ ਇੱਥੇ ਦੀ ਹਾਮੀ ਭਰਦਾ ਏ, ਹਰ ਇੱਕ ਆੱਖ ਹੈ ਵਾਕਿਫ਼ ਹੋਣੀ ਵਰਤੀ ਏਥੇ ਦੀ ਦੁਨੀਆਂ ਦੇ ਵਿੱਚ ਸਭ ਤੋਂ ਮਹਿੰਗੀ ਧਰਤੀ ਏਥੇ ਦੀ।
2. ਸੇਵਕ ਸੀ ਗੁਰੂ ਘਰ ਦਾ ਰੱਬ ਦੇ ਬੜਾ ਕਰੀਬੀ ਸੀ, ਮੋਹਰਾਂ ਖੜੀਆਂ ਕਰ ਕੇ ਜਿਸ ਨੇ ਮੁੱਲ ਖਰੀਦੀ ਸੀ, ਤਿੰਨ ਦੇਹਾਂ ਦੇ ਸੰਸਕਾਰ ਲਈ ਧਰਤੀ ਏਥੇ ਦੀ, ਦੁਨੀਆਂ ਦੇ ਵਿੱਚ ਸਭ ਤੋਂ ਮਹਿੰਗੀ ਧਰਤੀ ਏਥੇ ਦੀ।
3. ਇੱਥੇ ਬੱਚਿਆਂ ਦਾ ਜੋੜਾ ਜੁਲਮਾਂ ਦੇ ਨਾਲ ਲੜਿਆ ਏ, ਰੰਗ ਸ਼ਹੀਦੀ ਵਾਲਾ ਇਸ ਨੂੰ ਰੱਜ ਕੇ ਚੜਿਆ ਏ, ਖੂਨ ਨਾਲ ਸੀ ਬੱਚਿਆਂ ਨੇ ਨੀਂਹ ਭਰਤੀ ਏਥੇ ਦੀ, ਦੁਨੀਆਂ ਦੇ ਵਿੱਚ ਸਭ ਤੋਂ ਮਹਿੰਗੀ ਧਰਤੀ ਏਥੇ ਦੀ।
4. ਪ੍ਰਿਤਪਾਲ ਜਿਹੇ ਸਾਰੇ ਇਸ ਨੂੰ ਸੀਸ ਝਕਾਉਂਦੇ ਨੇ, ਦੇਸ਼ ਵਿਦੇਸ਼ ਦੇ ਲੋਕੀ ਇਸ ਨੂੰ ਦੇਖਣਾ ਚਾਹੁੰਦੇ ਨੇ, ਇਤਿਹਾਸਕਾਰਾਂ ਨੇ ਸਿਫਤ ਤਾਂਹੀ ਤਾਂ ਕਰਤੀ ਏਥੇ ਦੀ, ਦੁਨੀਆਂ ਦੇ ਵਿੱਚ ਸਭ ਤੋਂ ਮਹਿੰਗੀ ਧਰਤੀ ਏਥੇ ਦੀ



ਪ੍ਰਿਤਪਾਲ ਟਿਵਾਣਾ  
98148-26711

### Literary Society, BBSBEC brought laurels to the college in different inter-college Events

#### Achievements

Position	Event	Contestants
1 <sup>st</sup>	Group Discussion at PANACHE, SUSCET, Tangori	Sukhmeet Singh
2 <sup>nd</sup>	Declamation at PARGAS, SGGSWU, FATEHGARH Sahib	Vanji Sahni
2 <sup>nd</sup>	Sell it at PANACHE, SUSCET, Tangori	Anshdeep Singh
2 <sup>nd</sup>	Debate at PANACHE, SUSCET, Tangori	Sukhmeet Singh, Manpreet Singh
2 <sup>nd</sup>	Technical Quiz at PANACHE, SUSCET, Tangori	Sarvesh Verma, Abhinav Rana
3 <sup>rd</sup>	Ad-mad show at PARGAS, SGGSWU, Fatehgarh sahib	Sukhmeet Singh, Anshdeep Singh, Sarvesh Verma, Vanji Sahni

**Happiness isn't something readymade, it comes from your own actions**



## DEPARTMENT OF MBA

- The Department of Management Studies under the guidance of Prof. Sukhwinder Kaur organized an industrial visit to Ludhiana Stock exchange on 28th August 2014 for MBA-1st year students. Mr. Sadhu Ram (Head T&P Cell) enlightened the students about the intricacies of capital market & shared valuable information about various stock exchanges in India and its regulatory bodies.
- The Department of Management Studies has conducted a seminar on various issues of "BUSINESS MANAGEMENT" on 21st August at Gianji Dit Singh Auditorium. Dr. G.S.Brar (Head, Electrical Engg Department) and Prof B.S.Bhullar (Head, T&P Cell) chaired the sessions by motivating and giving moral support to the students.
- The Dept organized second seminar for MBA students on 23<sup>th</sup> Sept 2014. Six students gave presentations on various issues of management such as controlling techniques and its effectiveness, importance of communication in an organization, comparison of Japanese, Chinese and American Management Styles and accounting concepts followed by the companies all over the world. Dr. J.P.S. Oberoi chaired the session. Manpreet Kaur, Malwinder Singh and Manjinder Singh of MBA- 1st year Scored first, second and third positions respectively.
- A Social Awareness and Medical Camp was organized jointly by the Department of Management Studies and CSE on 26<sup>th</sup> Sept, 2014 in the village Mahadian, Dist. Fatehgarh Sahib. This occasion was graced by the eminent personalities such as our Principal, Deputy Commissioner, S.D.M, D.E.O, B.D.O Fatehgarh Sahib and many others.



**A man may die, nations may rise & fall, but an idea lives on**



## TRAINING AND PLACEMENT CELL

The Training and placement cell of BBSBEC is disseminating its professional services to the students by maintaining strong industrial and corporate relationships. The students are groomed in technical and soft skills during the pre- placement sessions conducted from time to time. An initiative has been taken up in the form of "PDP" classes for all the onboard students by eminent resource persons, hired from the reputed companies like Trinity & Bulls Eye.



- The comprehensive test was conducted online by Aspiring Minds Computer Adaptive Test (AMCAT), as adopted by IIT's & NIIT's to generate a report on the employability index of students and to help them out in focusing on the industry defined areas.
- A research oriented tour was arranged to TBRL-DRDO Ramgarh for the senior faculty of the college to widen their horizons in the fields of the testing facilities and developing laboratories.

The students took active part in initiative taken by training & placement cell in various In-Campus & Off-Campus Placement drives. The following were the companies in which many students got successfully placed with a handsome package ranging from 2.65 Lpa to 3.15 Lpa.

- Zensar Technologies, Hewlett Packard, L&T Infotech, Practo Technologies, PARI (Precision Automation & Robotics India Limited), Spice Digital, AIML Rajpura, Naggaro Technologies, Nec Technologies, Anglo Eastern shipping management company, Sixth Sense Mobile Solutions, KEC International, eClerx Pune, Unisys Bangalore, Aon Hewitt Gurgaon, HCL Technologies Ltd and Asahi Glass Ltd etc.
- The passion for joining the defense services is duly taken care of by enrolling the pre-final year students under the University Entry Scheme (UES). The students actively participate in this scheme so that they can formally adopt defense services as their career.



Counselling session of the selected students by Head T&P Cell

### 10 final year students shortlisted for placement

Recently, a company named Frisklancer (Patiala) had shortlisted and selected ten students from our institution. The selection was done on the basis of the confidence and calibre shown by the students.

**Confidence comes from discipline and training**



## ALUMNI CELL

### Alumni Reunion



On 13<sup>th</sup> Dec, 2014, the college organized an Alumni meet of the pass out batches from 1993 to 2006. It was a time and event for old relationships to be cherished, celebrated and refreshed and new ones to be formed. Large number of alumni from our country and abroad participated. The meet started with the welcome speech by Alumni Cell coordinator Dr. Manpreet Kaur. She advised alumni to visit their alma mater, as and when they get an opportunity and furthermore she asserted them to contribute for its progress. Principal Dr. Gurcharan Singh Lamba briefly shared the vision and the specific needs of the alma-mater in the changing scenario. The Alumni accordingly expressed their willingness to associate themselves with the institution.

### Distinguished Alumni Award by PTU



It is a matter of pride for all of us that one of our alumnus, Mr. Jagnoor Singh (Batch 2003-2007) had been awarded with the "Distinguished Alumnus Award" by Punjab Technical University on the eve of its 19<sup>th</sup> Foundation Day on 16<sup>th</sup> Jan 2015.

### Flag Hosting by Alumni



Students of Batch 2006 handed over the alumni flag to new alumni (Batch 2010). The students took the honour of passing the flag of loyalties, affection and commitment to the new batch so that all alumni could stand together and could build a shrine for their alma mater in their hearts.

**Home is where the heart is**



## THE CAMPUS PULSE

### MESSAGE FROM EDITORIAL BOARD



We, as a team express sincere gratitude towards all those who had been instrumental directly or indirectly in encapsulating the proud moments of the session. We feel privileged to present the concluding issue of the session 2014-15 of our college newsletter, "The Campus Pulse". Our special thanks, to our worthy principal, Maj. Gen Dr. G.S. Lamba VSM (Retd.) whose guidance and support has enabled us to bring out this edition. We ensure that the coming editions of the newsletter would be more innovative, attractive, & up to the expectations of the readers. With a hope that the vibrancy of the campus life would bloom more in the coming times, we look ahead to session 2015-16 as a more stimulating and productive year in the form of publications.

**Editor in Chief – Dr. Amritbir Singh**

**Co-Editor – Prof. Mohinderpal Kaur Rekhi**

#### Department Wise members of Editorial Board

Department	Member
Applied Science	Prof. Gurpreet Kaur
Computer Science	Prof. Ravdeep Kaur
Electronics & Comm.	Prof. Prabhjot Kaur
Electrical Engg.	Prof. Amarjeet Kaur
Information Tech.	Prof. Jagdeep Kaur
Mechanical Engg.	Prof. Nitin Singla
Civil Engg.	Prof. Simranpreet Singh

\*\*\* Pic Courtesy: Photography Club & Team

#### Student Co-ordinators

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**Preetkanwar Singh**

**1402267 CSE**

**When "I" is replaced by "We", Even "Illness" becomes "Wellness"**