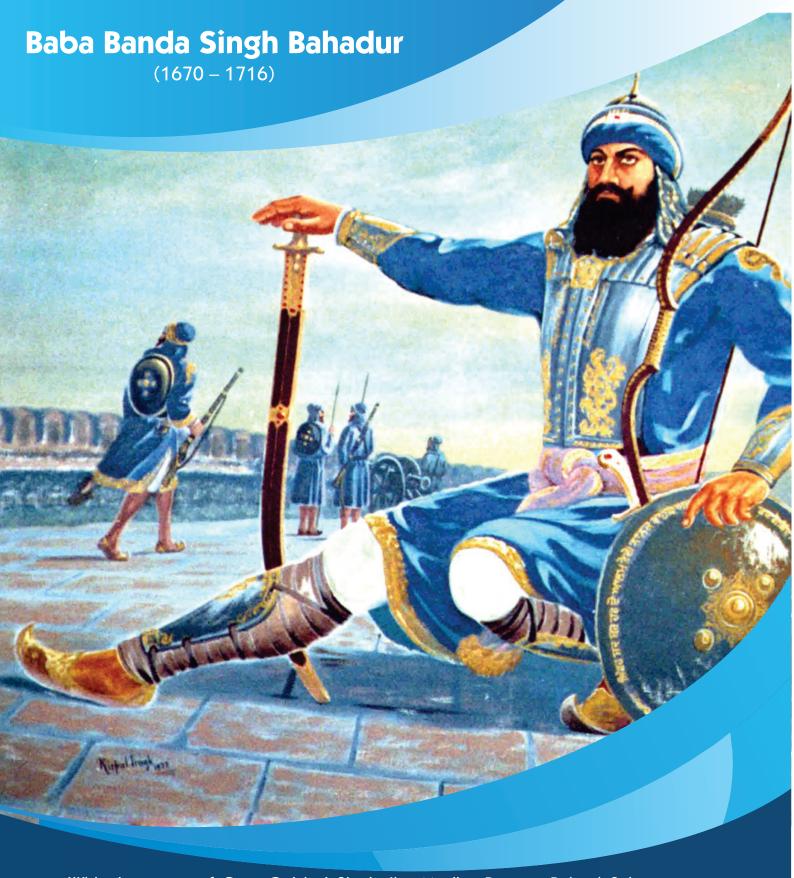




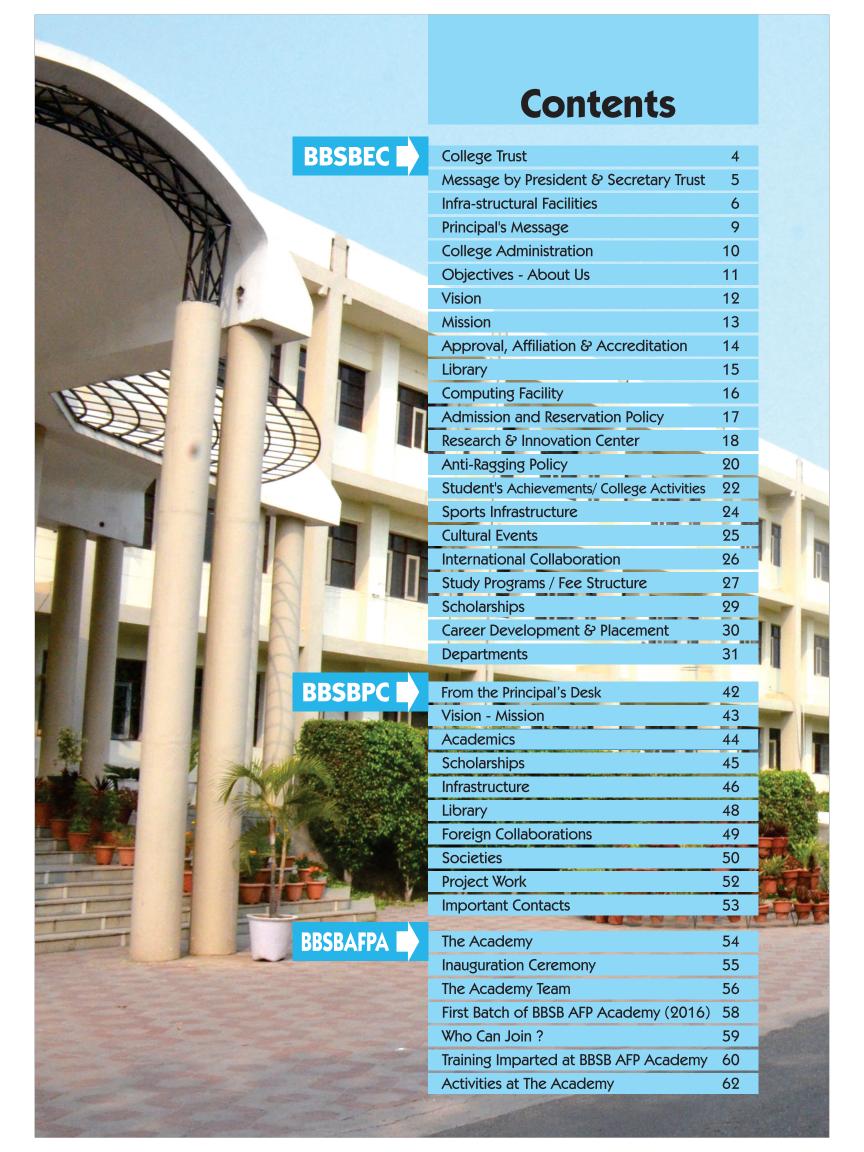
Premier SGPC Institutes
BABA BANDA SINGH BAHADUR
Engineering College | Polytechnic College
Armed Forces Preparatory Academy







With the grace of Guru Gobind Singh Ji, Madho Dass, a Bairagi Saint was transformed into a great warrior known as Baba Banda Singh Bahadur. The Guru assigned him the holy task of punishing the tyrant rulers of Punjab and bestowed him with five arrows from his own quiver. Under the leadership of this awe inspiring & dynamic personality, the downtrodden and deprived people of Punjab defeated the despotic rulers and rose to power. This opened flood gates of prosperity for the people of Punjab and changed the destiny of India.



Baba Singh Bhadur Education Trust



S. Balwinder Singh Bhundar **Member of Parliament**



S. Surjit Singh Rakhra Former Cabinet Minister, Punjab



Prof. Prem Singh Chandumajra **Member of Parliament**



S. Karnail Singh Panjoli, Member, SGPC



S. Prem Singh Advocate, Chairman - The Daily Ajit and **Ajit Samachar**



Bhai Gobind Singh Longowal President, SGPC & Trust









S.Mahinder Singh Ahli Secretary, College Trust



Jathedar Tota Singh Former Cabinet Minister, Punjab



S. Maheshinder Singh Grewal Former Advisor to the CM, Punjab



S. Amarjit Singh Dullat **Chief Engineer (Retd)**



S. Avtar Singh Ria **Member SGPC**



S. Ravinder Singh Khalsa **Member SGPC**



Message

President's Message

To support the cause of technical education in the state of Punjab, the SGPC – a religious body, known as the mini parliament of the Sikh community, established its 2nd Engineering College at Fatehgarh Sahib in the year 1993 in the name of Baba Banda Singh Bahadur - the great warrior, who laid to rest the tyranny of the Mughals uprooting their empire. The institute is being run by Baba Banda Singh Bahadur Education Trust, Fatehgarh Sahib under the patronage of the SGPC. In a period of 24 years the college has fully developed into a well-known engineering institute and now it is considered as one of the leading institutes in the country for imparting high quality technical education and providing top class amenities & facilities. It has the honour of being the first institute affiliated with PTU to get its courses accredited by the NBA - the hallmark of quality education, infrastructure, facilities, amenities etc. The college has state-of-the-art infrastructure highly qualified, experienced and dedicated faculty. It is the first college in PTU to start B.Tech. Agriculture Engineering.

To cater to the need of diploma-level technical education in the area, Baba Banda Singh Bahadur Polytechnic College was set up at Fatehgarh Sahib in 2006. The college provides modern infrastructural and technological support to facilitate teaching, learning and overall development of students. The college education system looks beyond employment and concentrates on individual development by imparting them skills for life time relevance. Academic excellence and holistic education define learning at the college. Within a period of 10 years, it has become one of the most sought-after institutes for admission.

Considering the need and demand of the area, Baba Banda Singh Armed Forces Preparatory Academy was established at Fatehgarh Sahib in April 2016 for training the selected young boys and girls from Punjab for permanent commission into the armed forces through the National Defence Academy. From 2017 session, a graduate plus integrated course is commencing for girls preparing them for Women Entry Scheme into Defence Forces as Officers through SSCW (NT) scheme.

The students joining these prestigious institutions would get quality education & training with topclass facilities & amenities and, I am sure, they would become good citizens and contribute to the welfare of humanity.



Bhai Gobind Singh Longowal President, SGPC & Trust

Secretary's Message

We have witnessed phenomenal growth in technical education in the country, in recent times. This has been possible mainly by the private sector institutions off-loading the government expenses and contributing immensely to the growth of technical education at diploma, under-graduate and post-graduate level. The massive turnout from these institutions provided the much needed professional manpower to boost the economy. Baba Banda Singh Bahadur Engineering College and Baba Banda Singh Bahadur Polytechnic College, known as top-class Sikh minority institutes, came into existence in the year 1993 and 2006 respectively at Fatehgarh Sahib, the most precious and sacred land in the world, where the younger Sahibzadas of Guru Gobind Singh ji - Baba Zorawar Singh ji and Baba Fateh Singh ji were bricked in alive. The main objective of establishing these institutes, under BBSB Education Trust, by the SGPC was to uplift the regional students, who were deprived of engineering education opportunities as compared to their counterparts in other states. The college campus exhibits professional environment prevailing among the students and the faculty. The labs, equipped with the latest set-ups of international repute, reflect our professional commitment to the industry. You will be amazed to see how beautifully the institution has created the facilities for the students - Every aspect has been taken care of as far as the all-round development of the students is concerned.

To provide guidance, motivation and training along with formal education to the youth to join armed forces, where the strength of Sikh Officers has drastically reduced, BBSB Armed Forces Preparatory Academy was started in April 2016 at Fatehgarh Sahib. The Academy conducts two integrated courses - NDA with 10+2 for male students and WES with Graduation for female students. To achieve the aim of the Academy, a team of experienced & expert faculty and trainers along with a team of advisors from Armed Forces, has been appointed.

I wish all the students achieve excellence in their respective areas and bring name & fame to their Alma mater.



S.Mahinder Singh Ahli Secretary, College Trust

Infra-structural Facilities

































Welcome to BBSBEC

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib, was established in the year 1993, by Baba Banda Singh Bahadur Education Trust formed under the patronage of Shriomani Gurudwara Prabandhak Committee, Sri Amritsar, with the approval of the Govt. of Punjab. The college was a dream project of Panth Ratan S. Gurcharan Singh Tohra, who was President of SGPC at that time. There was paucity of quality institutions of higher education in the region and students especially from rural backgrounds found it difficult to attain higher education in the region. Hence, a need was felt to have an institute of excellence in this region which will cater especially to the rural strata of the society and provide them equal chance of acquiring quality based higher education without moving far from their homes.

The college is approved by the A.I.C.T.E, New Delhi, Ministry of H.R.D, Govt. of India and is affiliated to Inder Kumar Gujral Punjab Technical University(IKGPTU), Jalandhar. The college has earned accreditation from the NBA (AICTE) and International Accreditation Organization (IAO) for various programmes.





Principal's Message

Currently, globalization is rapidly increasing, bringing with it expanded personal mobility; access to knowledge across borders; and in such scenario, the importance of education has become manifold. The twenty first century undoubtedly belongs to the men and women of strength and excellence in professional fields. Undoubtedly basis of democracy is freedom of individual development. Spirit of free enquiry ensures intellectual progress. The pursuit & practice of truth regardless of consequences should be only ambition of institutions of higher education. Education is a powerful tool for peaceful social transformation, overall development and prosperity of any Nation. It should be free from shackles of ignorance, prejudice and unfounded belief. Education is an important index of human development. Higher Education is indeed a vital tool for intellectual, cultural, aesthetic development and a means for achieving wider social aspirations.

Baba Banda Singh Bahadur Engineering College is a premier institution of higher education. We endeavour to nurture our biggest asset; our students as holistic global citizens driven by human values and wisely equipped to excel at global level. We focus on each student, to bring out their full potential and empower them with a 'Winning Attitude'. The college is going through great transformation process and is aspiring to touch greater heights through our staff and dear students. It will be our goal to create programs which match the interests and needs of the Industry and our graduates; to maintain and build upon the positive relationships e.g. Language skills, Personality development, on campus Industrial training, greater interaction with parents through Mentor system and PTA, continuous up-gradation of Labs etc. Our Campus is well equipped and aesthetically laid out to assist students in becoming an important part of the society. They are trained to identify challenges, convert those into opportunities and apply their technical and human skills to excel.

Maj. Gen. (Dr) G.S. Lamba, VSM (Retd)
Principal



COLLEGE ADMINISTRATION

Maj. Gen. (Dr) G.S. Lamba, VSM (Retd) Principal

Dr. Lakhwinder Singh

Dr. A.P.S. Sethi

Dr. Virinder Singh

Dr. H.S. Bhatti

Dr. Niraj Bala

Dean Academics

Dean Student Affairs

Chief Security Officer

Dean Examination

Dean R&D

Dr. J.S. Oberoi

Dr. Amritbir Singh

Dr. Lakhvir Singh

Dr. R.S. Uppal

Prof. Jasbir Singh Ratol

Dr. B.S. Bhullar

Dr. Anshu Tomar

Dr. Gursewak Singh Brar

Dr. Baljit Singh

Dr. Niraj Bala

Dr. Manpreet Kaur

Head, Training & Placement Cell

Head, Applied Sciences Deptt.

Head, Mechanical Deptt.

Head, Electronics & Comm. Engg. Deptt.

Workshop Superintendent

Head, Management Studies

Head, Civil Engg. Deptt.

Head, Electrical Engg. Deptt.

Head, Computer Sc. & Engg. Deptt.

Head, Research & innovation Centre

Coordinator, Alumni Cell, Dy. Controller of Examination

Er. Manpreet Singh

S. Ram Singh

Ms. Sukhwinder Kaur

Prof. J.S. Raina

S. Balkar Singh

S. Sukhjit Singh

Executive Engineer

Dy. Controller of Examination

Librarian

Director Physical Education

Superintendent Accounts

Superintendent Academics





OBJECTIVES

- To serve as a model of education in technology by innovative teaching methods.
- To keep industry orientation in the curricula to meet the R&D challenges of the 21st century.
- To make the students aware of the environmental and energy conservation concerns of the planet.
- To maximize the students' potential by expanding the awareness of the educational career opportunities.
- To cultivate entrepreneurship spirit in the students.
- To inculcate human values & scientific temper with the ultimate objective of moulding the youth to work for the betterment of mankind.



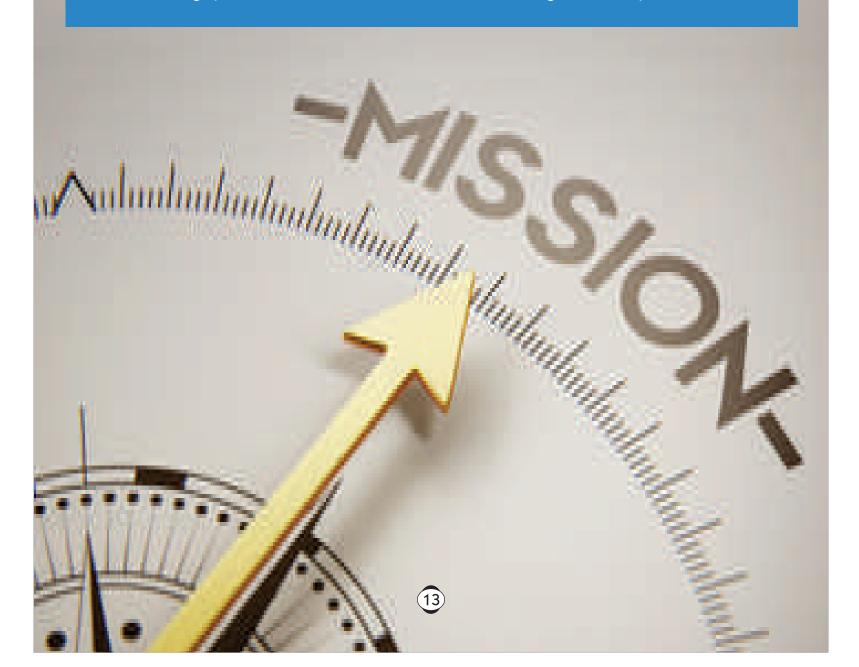
- A Premier SGPC Technical institute, one of the renowned institutes in North India.
- Established by BBSB Education Trust, under the patronage of the SGPC, in 1993.
- Approved by the AICTE and affiliated to MRSSTU, Bathinda.
- One of the leading institutions in Engineering & Technology - the most sought-after for admission.
- Seven B.Tech., six M.Tech. and MBA courses.
- Accreditation Thrice by the NBA, by Institution of Engineers (India), and IAO for five years.
- Huge Green & Clean Campus spread over 90 acres with international standard facilities
- State-of-the-art Labs in all the Departments.



Mission

Baba Banda Singh Bahadur Engineering College seeks to enrich the academic experience of students to help them meet the evolving needs of society. We aspire to realize our Vision as follows:

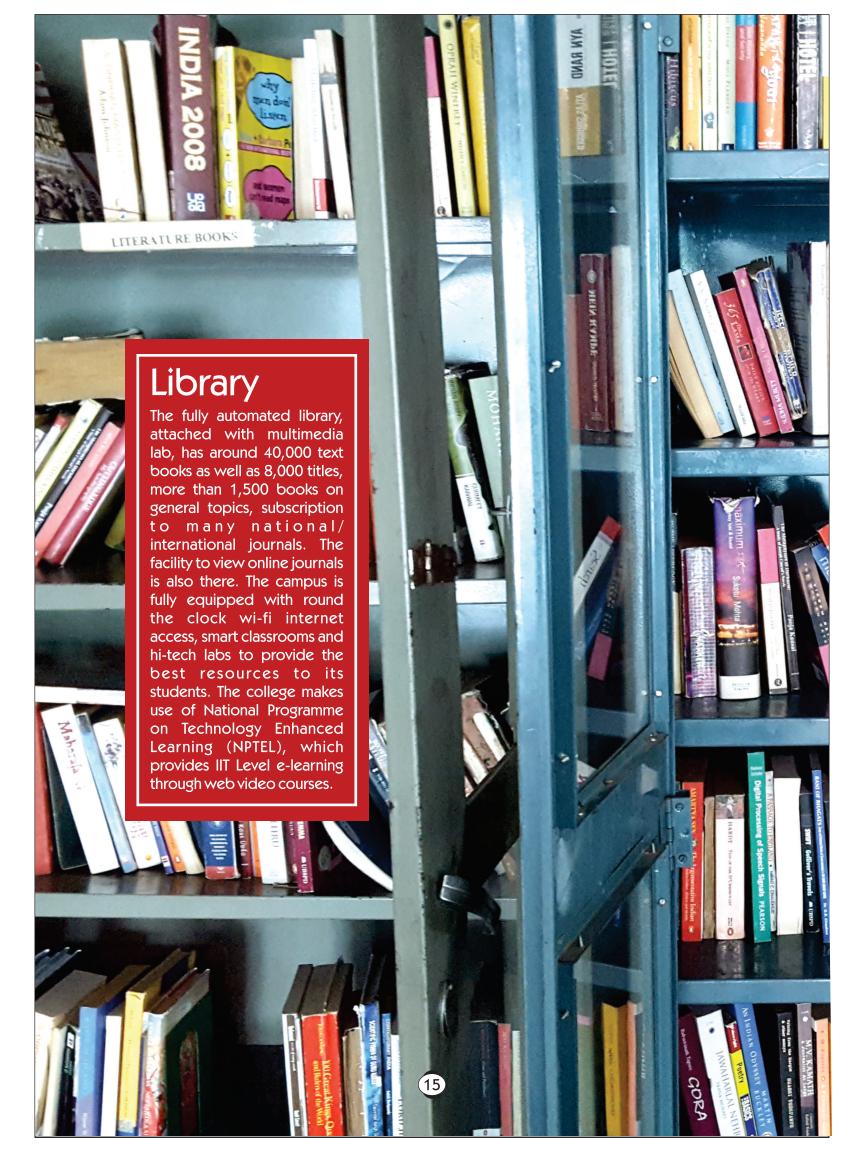
- Conduct UG programs that integrate global awareness, comm. skills and team building across the curriculum.
- Run Graduate education programs to prepare students for interdisciplinary engineering research and advanced problem solving with focus on career advancement.
- Provide an atmosphere that facilitates personal commitment of students to the educational success.
- Provide leadership and service to meet society's needs
- Provide state-of-the-art facilities and effective delivery of high quality content by qualified faculty members and build the notion of lifelong learning
- Conduct scholarly activities that create & transfer cutting-edge knowledge in the area of engg. & technology
- Inculcate a high regard for ethical principles and an understanding of human and environmental realities
- Create a highly successful alumni base that contributes to the global society.

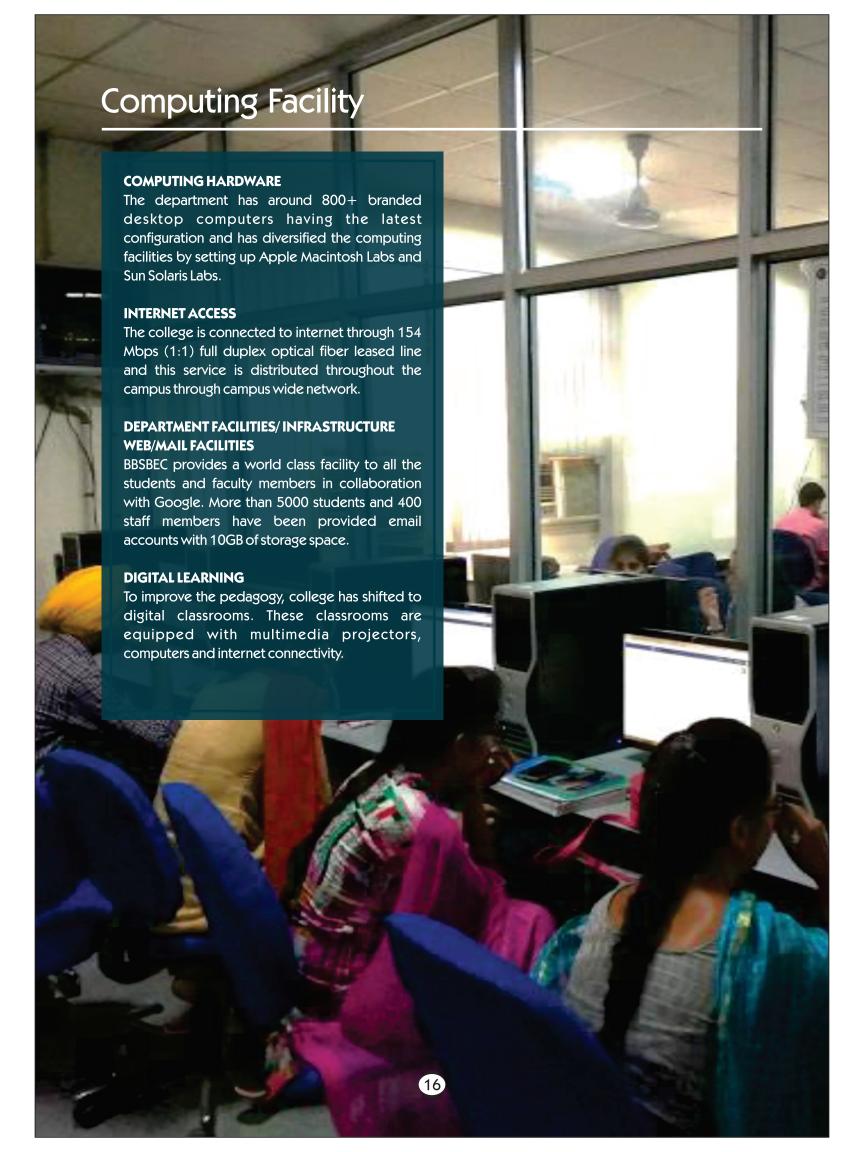


Approval | Affiliation | Accreditation

- Affiliated to Inder Kumar Gujral Punjab Technical University (IKGPTU), Jalandhar
- Approved by All India Council for Technical Education, New Delhi
- · Courses Accredited thrice by the National Board of Accreditation, New Delhi
- Courses Accredited by the Institute of Engineer (India), New Delhi
- Research Affiliation with IIT, Ropar
- Remote Training Center of IIT, Mumbai







Admission and Reservation Policy

ADMISSION POLICY FOR B.TECH. PROGRAMMES

- Admission will be based on the JEE merit.
- 2/3rd seats are filled through central counseling by the university, 1/3rd by Management on merit.
- Apart from other State Govt. reservations, the College has reservation for rural and Sikh minority candidates.
- The details of statutory reservations are given in IKGTU Information Brochure.
- The candidates need to stake claim of the reservation while registering for admission at the university portal.
- If no registration is claimed, the candidate is treated as a "General Category Candidate".

A) 50% SIKH MINORITY QUOTA – SIKH RELIGION EXAM ON 13.5.2018

For admission under this quota the candidates must qualify the Sikh Religion Examination (SRE), conducted by the SGPC. Admission will however be made on the basis of JEE merit. Further details are available at sre@bbsbec.ac.in.

B) MANAGEMENT QUOTA

The Government of Punjab, has declared a "Management Quota" to the tune of one third of the total seats. Moreover, out of the "Management Quota" a maximum of 5% of the total sanctioned seats shall be filled from amongst Non-Residing Indian (NRI) / Persons of Indian Origin (PIO) / Foreign National Students and other related categories, in accordance with the procedure stipulated in the PTU Information Brochure.

The Management shall fill these seats purely on merit in accordance with the following order of preference:

- I) Merit in JEE/State Government/University Notification
- ii) Marks secured in the qualifying examination, i.e., 10+2 Non-Medical

An advertisement will be published in leading newspapers (National & Regional) regarding the schedule of counselling.

ADMISSION FOR FEE WAIVER SCHEME (FWS)

5% seats over and above the sanctioned intake in each branch are allocated as per Punjab Govt. notification in B. Tech first year under the Tuition Fee Waiver Scheme. The eligibility criteria is the same as notified for other categories. The Waiver shall be limited to the tuition fee as prescribed by IKGPTU. All other fee except tuition

fees will have to be paid by the beneficiary. The students should refer to the notification issued by MRSPTU for detailed schedule and eligibility criteria for admission under this scheme.

ADMISSION FOR LATERAL ENTRY IN B.TECH. PROGRAMME

20% seats of the total intake of a branch of engineering are available for admission in Lateral Entry scheme in B.Tech. 3rd semester directly. The seats available under the scheme are:

Branch	Total Seats
Civil Engineering	24
Computer Science & Engineering	36
Electrical Engineering	24
Electronics & Communication Engg.	24
Information Technology	18
Mechanical Engineering	36
Agriculture Engineering	12

ADMISSION POLICY FOR M.TECH. PROGRAMMES

All those candidates who have passed B.Tech. with atleast 50% (45% in case of candidate belonging to reserved category) in aggregate shall be eligible. The preference shall be given to GATE qualified candidates. The basic educational qualifications for admission to the branches available at the college are mentioned below.

From the Academic Session 2012-13, 85% seats are for candidates belonging to the Punjab State and 15% are open to candidates from outside the State.

The reservation policy of Government of Punjab, including the admission under the Foreign Nationals/Persons of Indian Origin/Kashmiri Migrants, shall be followed for admission to the M.Tech. programme. The candidates are advised to stake claim of the reservation at the time of registering for admission at IKGPTU. If no reservation is claimed at the time of registration, the candidate shall be treated and considered as a "General Category Candidate".

Course	Eligibility
CAD/CAM	B.E./B.Tech. in Mechanical/Industrial/Production/Manufacturing/ Welding/ Material Science/ Metallurgy Engg
CSE	B.E./B.Tech Computer Science & Engineering/Information Technology
CSE (Cyber Security)	B.E./B.Tech. Computer Science & Engineering/Information Technology/ Electronics & Communication Engineering/ Electronics &
	Instrumentation Engineering
ECE	B.E./B.Tech. Electronics & Communication / Electronics & Instrumentation/ Applied Electronics/ Instrumentation & Control/
	Electrical & Electronics Engineering/ M.Sc. (Physics) (with specialization in Electronics)





ONGOING RESEARCH PROJECTS

The competence and capability of BBSBEC faculty has fetched a research grant of more than **Rupees 10 million** in the recent years from various govt. regulatory and funding agencies. The current ongoing research projects are:

Scheme	Funding Agend	y Name of the coordinator	Amt Sanctioned
A research project entitled "Development of Thermal Spray Coatings to Control Wear during High-Temperature Applications- Phase II"	DST	Dr Manpreet Kaur	Rs. 31,84,500/-
Research Promotion Scheme (RPS)	AICTE	Dr Niraj Bala/Er. Amandeep Singh	Rs. 21,90,000/-
Fast Track Scheme for Young Scientists	DST	Dr Niraj Bala	Rs. 24,85,000/-
Heliostat based Solar Park (Heating and Generation Combined)	DST	Dr HS Ryait & Dr RS Uppal & Prof. Neeraj Sharma	Rs. 9,19,844
SEED/TIDE project – Study and Development of SEMG Based Exoskeleton Knee	DST – SERC	Dr HS Ryait	Rs. 32,00,000/-



PATENTS

Invigorating the students has always been the key point in academic culture of Baba Banda Singh Bahadur Engineering College and on these lines the college has an active Incubation Center through which the students and faculty of the college are motivated to bring in innovative ideas for resolution of any practical problem. Three new inventions have been successfully filed for patents by the college students/faculty in the last year under guidance of the faculty members and active support of college management.

Title	Inventor's name	Status
ESCALATOR OVERLOAD PROTECTION SYSTEM	Akul Patel Akul, Amritpal SinghRaikhy, Jaskirat Singh, Prof. Simarpreet Kaur	Patent filed
A NOVEL METHOD TO ENHANCE THE PEAK GAIN AND GAIN BANDWIDTH OF ELLIPTICAL RE-CONFIGURABLE WIDE BAND FRACTAL ANTENNA	Prof. Jaspal Singh Khinda	Patent filed
PROTECTIVE THERMAL SPRAY COATING COMPOSITION FOR AGGRESSIVE HIGH- TEMPERATURE BOILER STEEL	Dr. Niraj Bala	Patent Filed

Anti-Ragging

ANTI-RAGGING POLICY

The college has zero-tolerance policy towards the nuisance of ragging and follows the anti-ragging guidelines issued vide F.No.37-3/Legal/AICTE/2009.

Sub:Prevention and prohibition of Ragging in technical Institutions, Universities including Deemed to be Universities imparting technical education.

F.No.37-3/Legal/AICTE/2009 – In exercise of the powers conferred under Section 23 read with Section 10 (b), (g), (p) and (q) of AICTE Act, 1987, the All India Council for Technical Education, hereby makes the following Regulations:-

Short title and commencement:-

(IThese Regulations may be called the All India Council for Technical Education (Prevention and Prohibition of Ragging in Technical Institutions, Universities including Deemed to be Universities imparting technical education) Regulations 2009.

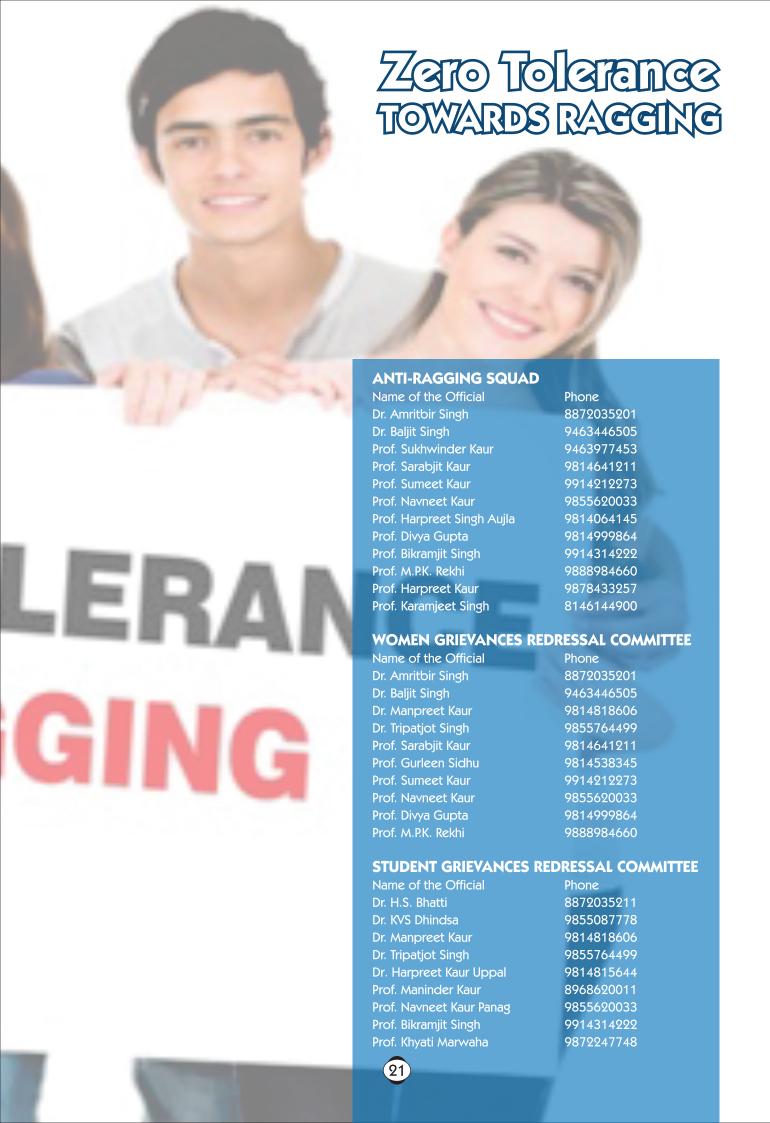
(ii) They shall come into force on the date of the notification.

2. Objectives:-

In view of the directions of the Hon'ble Supreme Court in SLP No. 24295 of 2006 dated 16-05-2007 and in Civil Appeal number 887 of 2009, dated 08-05-2009 to prohibit, prevent and eliminate the scourge of ragging including any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student, or indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in any fresher or any other student or asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student, with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student, in all higher education institutions in the country, and thereby, to provide for the healthy development, physically and psychologically, of all students, the All India Council for Technical Education, (AICTE) brings forth these Regulations.

The details could be found at

http://www.aicte-india.org/anti.php. The college has also formed an Anti-Ragging Squad to keep a check on such issues in campus and also to take strict action against the culprits. The details of the squad are:



Students' Achievements / College Activities



Our All Round Achievers

Students' Achievements / College Activities

























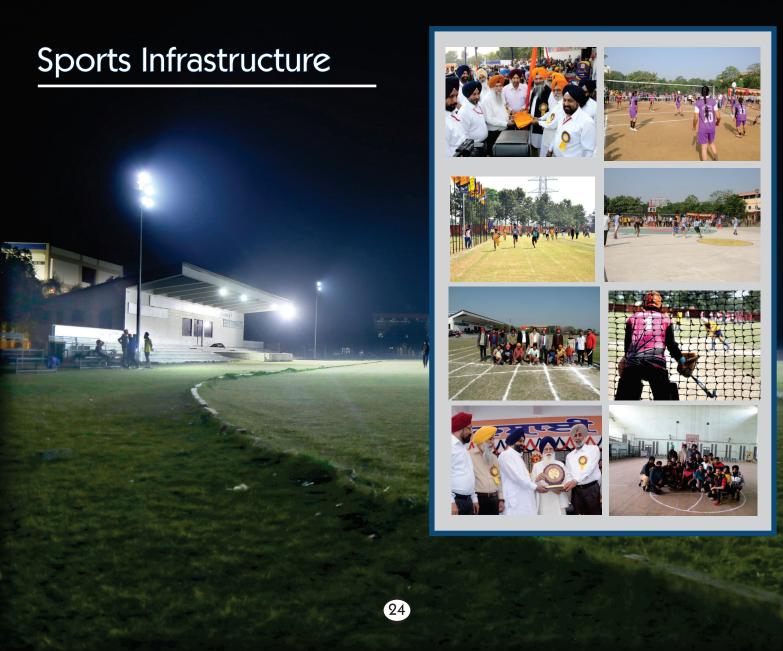






Our All Round Achievers

NAWAB SHER MOHAMMED KHAN STA



Cultural Events



Winners of Youth Festival continuously for four years



Study Programs

		Intake
International Programs*	 Electro Mech. Engg. Technician / Technology Mechanical Engineering Technician/Technology Mech. Engg. Technician/ Technology- Design & Drafting Mechanical Technician - Tool Making *One Year at BBSBEC and balance at Sheridan College B Tech.Mechanical B Tech Electrical Engg B Tech Environmental *Two Years at BBSBEC and balance at CBU 	3 Years 3 Years 2 Years 2 Years 4 Years 4 Years 4 Years
B.Tech (4 Years)	Civil Engineering Computer Science & Engineering Electrical Engineering Electronics & Communication Engineering Mechanical Engineering Agriculture Engineering	60 180 60 60 180 60
M.Tech(2 Years)	CAD/CAM Computer Science & Engineering Computer Science & Engineering (Cyber Security) Electronics & Communication Engineering Power System	18 18 18 18 18
MBA (2 Years)	Master Of Business Administration	60

BABA BANDA SINGH BAHADUR ENGG. COLLEGE, FATEHGARH SAHIB-140407 FEE STRUCTURE FOR BATCH: 2018-19

Sassian 2019	B.Tech			M.Tech			МВА					
Session2018	Seme	Semester wise Fee Detail			Semester wise Fee Detail			Semester wise Fee Detail				
Fee Head	1 st	2 nd , 4 th ,	3 rd , 5 th , 7 th	8 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th
Tuition Fee per semester	3 0000	30000	30000	30000	30000	30000	18000	10000	30000	30000	30000	30000
Other Fee	17000	13000	13000	13000	17000	10000	11000	11000	17000	13000	13500	12500
Total Fee	47000	43000	43000	43000	47000	40000	29000	21000	47000	43000	43500	42500
Security (Refundable) On Passing Out		2000				2000		_		2000	_	
Grand Total	47000	45000	43000	43000	47000	42000	29000	21000	47000	45000	43500	42500

HOSTEL FEE DETAIL

Cassian 2010	B.Tech			M.Tech			МВА					
Session2018	Semester wise Fee Detail			Semester wise Fee Detail			Semester wise Fee Detail					
Fee Head	1 st	2 nd , 4 th , 6 th	3 rd , 5 th , 7 th	8 th	1 st	2 nd	3 rd	4 th	1 st	2 nd	3 rd	4 th
Hostel Rent (Regular)	9000	9000	9000	9000	9000	9000	9000	9000	9000	9000	9000	9000
Hostel Rent (with AC Room)	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000	15000
Security (Refundable) On Passing Out	2000				2000				2000			

- SC/ST category students having permanent Punjab residency and having total parents income less than 2.5 Lac/annum are eligible for Post Matric Scholarship Scheme. The students have to apply individually through the concerned department on website (www.punjabscholarships.gov.in) portal for attaining related scholarships.
- 2. Other states SC/ST/OBC Category students (Wherever the state Govt is giving Scholarship/Student loan/Credit Card stipend to eligible students, no component of university fee is charged. Only misc specific charges are to be paid. They must clear their college fee and other dues before registration for 3rd semester.
- 3. To claim the scholarship/credit card/loan is responsibility of the student. If for any reason, the scholarship is not recieved with 12 months. The student will be liable to pay full fee to continue.
- 4. Student would pay Hostel Rent & Mess Charges as per college norms.

Note: Students are required to procure formal dress directly from the College Tailor Shopwithin 15 days of commencement of session as per approved rates.

Scholarships

Scholarship Awarding Agency	Scholarship Name/Nomenclature	Benefits (In Rs.)	Duration
GOVERNMENT SPONSORED SCHOLARSHIPS	Merit Cum Means Scholarship For Minorities (Sikhs, Muslims, Christians, Jains, Budhhists and Parsis) (www.momascholarships.gov.in)	Upto max. of 30,000/- (As per Govt. regulations)	Annually
	Post Matric Schemes For SC/ST (www.punjabscholarships.gov.in)	Tuition fee + allowance, (As per Govt. regulations)	Annually
	Post Matric Schemes For BC/OBC (www.punjabscholarships.gov.in) Special Scholarship Scheme (SSS)	(As per Govt. regulations) 37,250/-	Annually Annually
AICTE	For J-K Students Scholarship For Single Girl Child Scholarship For Differently Abled	30,000/- 30,000/-	Annually Annually
SIKH HUMAN DEVELOPMENT FOUNDATION	Nishkam Sikh Welfare Council Scholarship (www.nishkam.in)	27,000/-	Annually
Guru Harkrishan Educational Society, Chandigarh (Regd.)	Scholarship for Needy Students	6,000/-	Annually
	SGPC Scholarship for J&K Girls students only. Top 5 rankers of J&K (Girls)	Full fee exempted	For Full course duration
	Bibi Bhani Ji Scholarship for Sikh Religion Entrance (SRE) merit holders Scholarship Schemes: Top 3 rankers of SRE Next 3 top rankers of SRE	20,000/- 10,000/-	For one academic year only
	Baba Zorawar Singh Ji Baba Fateh Singh Ji Scholarship for Excellence in Sports Category: International Level achiever and medalist National Level achiever and medalist	30,000/- 10,000/-	For one academic year only
	Diwan Todar Mal Ji Scholarship for Excellence in Cultural Events Category: Inter-University level achiever and medalist Inter-Zonal level achiever and medalist	10,000/- 5,000/-	For one academic year only
BABA BANDA SINGH BAHADUR ENGG. COLLEGE SCHOLARSHIPS	Bhai Gurdas ji Scholarship Scheme for Excellence in Academics at University Level: First Position achiever Second Position achiever Third Position achiever	20,000/- 10,000/- 5,000/-	For one academic year only
	Baba Banda Singh Bahadur Scholarship for Excellence in Academics	25,000/-	For one academic year only
	Giani Ditt Singh Scholarship for Excellence in Religious Activities	25,000/-	For one academic year only
	Baba Ajay Singh Scholarship for Excellence in Sports	25,000/-	For one academic year only
	Mata Gujri ji Scholarship for Excellence in Extracurricular Activities	25,000/-	For one academic year only
	Baba Moti Ram Mehra Scholarship for Needy Students (Conditions Apply)	15,000/-	Per semester for ful course duration



CAREER DEVELOPMENT & PLACEMENT

The Training and placement cell maintains strong industrial and corporate relationship. The students are groomed in technical and soft skills during the pre-placement sessions conducted from time to time. The state of the art facilities which include air conditioned auditorium, interview rooms and conference halls facilitate an aura for the effective functioning of the T & P activities. The students are encouraged and motivated to inculcate cutting edge skills driven to enhance their employability. The students themselves make liaison with the industry/corporate people by attaining professional memberships of ISHRAE, SAE, ISTE &, IEEE.

Our Prestigious Recruiters





















































































DEPARTMENT OF APPLIED SCIENCES

The Department is dedicated to furthering the excellence of newcomers in applied sciences and communication skills. It provides the students a strong academic and research base required to pursue career in different engineering streams and qualify as promising innovators. A highly qualified faculty includes doctorates, number of research scholars who keep themselves abreast with the latest advancements in applied sciences. Professional trainers are hired for meeting the demand of rapidly changing and increasingly competitive world. Industrial tours and educational excursions are also organized. It has state of the art:



DEPARTMENTAL LABS
Communication Skills Lab
Engg. Physics Lab

Digital Language Lab Numerical Analysis Lab **Engg. Chemistry Lab**

STUDENTS' ACHIEVEMENTS

Students in the very first year of their degree exhibit marvelous talent in diverse fields ranging from performing arts like dramas, mimicry, one act plays, mine to oration like debate, declamation, poetry recitation and so on. Several students have added new chapters to the glory of the college by achieving envious positions at national and state level.

FACULTY DEVELOPMENT PROGRAMMES

From time to time various faculty development programms (FDPs) are designed to train and develop entrepreneurship inter personal skills, communication skills ,problem solving skills, problem solving skills, creativity and inputs on resource and knowledge amongst the faculty so that they may further inculcates these skills in their students.

SUMMER TRAINING

At the end of second semester, six week summer training encapsulated with PDP classes, is provided to the students. It helps them in making informed choices about their future career, and explore and research their career plans. Professional trainers are hired for meeting the demands of rapidly changing and increasingly competitive world. Industrial tours and educational excursions are also a part of this training programme.

•		•	0. 0	
	F/	ACULTY		
Dr. Harbax Singh Bhatti	Dr. Manish Gogna	Ms. Mohinder Pal Kaur Rekhi	Ms. Rajwinder Kaur	
Dr. Virinder Singh	Mrs. Pardeep Kaur	Sh. Amarjit Singh	Ms. Shalinder Kaur	
Dr. Amritbir Singh	Ms. Simranpreet Kaur	Ms. Jagmohan Kaur	Ms. Harsharan Kaur	
Mrs. Sarbjit Kaur Chatha	Dr. Amarinder Singh	Ms. Gurpreet Kaur		
Mrs. Sumeet Kaur	Ms. Harleen Kaur	Ms. Seema Kapoor		
Dr. Harpreet Kaur Uppal	Sh. Bikramjit Singh	Ms. Mandeep Kaur		

DEPARTMENT OF CIVIL ENGINEERING

Civil engineering is a broad field containing many engineering sub-fields, such as structure designing, transportation engineering, environmental engineering, geo-technical engineering and construction engineering. Civil engineers design and supervise the construction of buildings, highways, railways, airports, tunnels, dams, bridges, as well as fluid transport systems. Established in 2011 with 60 intake, the objective of the department is to impart high quality education to the undergraduates, enabling them to succeed in positions in civil engineering.



DEPARTMENTAL LABS

Solid Mechanics Lab Survey Engg. Lab Soil Mechanics & Geo-Technical Lab Fluid Mechanics Lab Transportation Lab Concrete Technology lab
Structure Analysis Lab
Computer Aided Design Lab (CAD LAB)
Environment Engg Lab
Salient Features of the Department

Separate Wi-Fi enabled new civil engineering department building having more than 50,000 sq. feet area. 9 dedicated civil engineering labs equipped with latest state of the art equipment capable of performing all testing and field work assignments. Computer labs equipped with latest hardware (Dell/HP make workstations/PCs) and industry relevant analysis and design software (STAAD Pro V8i with STAAD Foundation Advance & ANSYS Academic Research CFD). Surveying lab equipped with latest Windows based Total Station with GPS imported from **Trimble**, a USA based company and Electronic Theodolites.

Society of Civil Engineering Students (BRICK)

A society of civil engineering students, namely, BRICK (BBSBEC Royal Icon of Construction Kingdom) is working as a student forum for organizing various competitions viz., quiz, model making, CAD modeling, expert lectures, etc.

About Survey Camps

The department successfully organizes survey camps every year to enhance the knowledge of the students.

FACULTY

Dr. Anshu Tomar Er. Rakhjinder Singh Er. Prabhpal Singh Er. Gagandeep Singh Er. Guljit Singh Er. Simranpreet Singh Er. Taranjeet Kaur Er. Arshjot Singh

Er. Ishatpreet Kaur Er. Harkomal Kaur Er. Karamjot Singh
Er. Manpreet Kaur Er. Jagmohan Singh Er. Harman Preet Kaur



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Department of Computer Science and Engineering was established in the year 1993. The Department offers B. Tech in CSE. In addition to undergraduate courses, the department is also offering two Post-Graduate courses, viz, M.Tech (Computer Science & Engineering) and M.Tech CSE (Cyber-Security).

The department, right from its inception, has the privilege of getting ample funds for setting up the laboratories and other infrastructure. There has been a rapid growth in the infrastructure of the department since 1993 and there has been no looking back. Today, the department can boast of one of the best computing facilities in the region. The department is ISO 9001-2000 certified and is accredited by IE(I). B.Tech(CSE) is accredited thrice by National Board of Accreditation (NBA) in 2004, 2008 and 2017. The department offers a comprehensive curriculum from introductory level courses to seminars and projects focusing on critical research areas. Apart from imparting conventional technical education and rich learning environment, emphasis is laid on co-curricular activities such as workshops, debates and quizzes to prepare students for highly competitive job market. The objective is to provide knowledge of modern computing systems as well as sound theoretical background to meet evolving needs of students and inculcate ethical values in them. The department also aims at establishing strong relationship with the industry so as to bridge the gap between the academia and corporate sector. The department aims at cultivating qualities like leadership, teamwork, self-confidence, good communication skills among its students.

DEPARTMENT FACILITIES

Well-equipped and continuously updated Computer Lab Industry-Institute Interaction IIT Bombay FOSS Centre MoU with IIT Ropar Wireless Sensor Network Lab NPTEL Centre Use of latest Audio-Visual Teaching Aids NITTTR Remote Centre Oracle Academy Wi-Fi Campus with 155Mbps

Research and Development Lab Network Administration and Website Development Professional Societies membership: CSI (Computer Society of India), IE(I) (The Institution of Engineers (India)), ACM (Association for Computing Machinery), ISTE (Indian Society for Technical Education), IETE (The Institution of Electronics and Telecommunication Engineers), IEEE(TheInstitute of Electrical and Electronics Engineers)

FACULTY

Dr. Baljit Singh Dr. Kanwalvir Singh Dhindsa Er. Amanjot Kaur **Er. Puneet Mittal** Er. Preet Kamal Sidhu Er. Khayati Marwaha Er. Jatinder Singh Saini Er. Jaspreet Kaur Er. Deepak Aggarwal Er. Birinder Singh

Maj.Gen.(VSM)Dr. G.S. Lamba Er. Gurleen Kaur Dhaliwal Er. Sandeep Kaur Dhanda Er. Gurleen Sidhu Dr. Navneet Kaur Er. Rupinder Kaur Randhawa Er. Manpreet Kaur Er. Gurbahar Singh Er. Sukhwinder Sharma Er. Gurpreet Kaur Er. Rupinder Kaur Saini

Er. Balpreet Kaur

Er. Ravdeep Kaur Er. Ramandeep Kaur Er. Amandeep Kaur Bains Er. Simarjot Kaur Er. Preetinder Kaur Er. Sandeep Kaur Benipal Er. Kamalpreet Kaur Er. Ramanjot Kaur Er. Simrat Walia Er. Gurwinder Singh

Er. Jatinder Kaur

Er. Perminder Kaur Er. Ishpreet Singh Virk Er. Ravneet Kaur Er. Harshdeep Kaur Er. Amandeep Kaur Er. Simrat Kaur Er. Preetinder Kaur-II Er. Mandeep Kaur Er. Sandeep Sandhu Er. Atul kumar

Er. Ramneet Kaur Bhangu



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Established in 1993, the Department offers B.Tech. ECE and M.Tech. ECE (Regular & Part-Time). Accredited twice by the NBA in 2004 and 2008.

Accredited by the Institute of Electronics & Telecommunication Engineers (India) in 2005. Highly trained & experienced faculty.

Advanced facilities for research & development. Industrial visits to supplement the practical knowledge of the students. Emphasis on conceptual development of the students through seminars and conferences. Very strong alumni base. Mr. Jagnoor Singh awarded with "Distinguished Alumnus Award" by the Uni. Placement of students in reputed multi-national and Indian corporate. Award winning performance of students in reputed national and international project competitions. Student Chapters of reputed professional bodies for all round professional development. Community service by organizing "Social Awareness & Medical Camp".

LABORATORY FACILITIES

The aim is to promote learning with practical implementation, and develop innovativeness. The department has the following labs equipped with all the latest techniques and instruments:

DEPARTMENTAL LABS

Measurements & Inst Lab **Printed Circuit Board Lab Linear Control System Lab** **Object Oriented Programming Lab Digital Signal Processing Lab** Networks & Electronic Devices Lab

FACULTY

Dr. RS Uppal Er. Sonia **Dr. Supreet Singh** Er. Daljit Singh Dr. Hardeep Singh Ryait Er. Navpreet Kaur Er. Jaspreet Kaur Er. Jaspal Singh Khinda Er. Simarpreet Kaur Er. Mandeep Kaur Er. Prabhjot Kaur Er. Dilpreet Kaur Dhillon **Dr.Tripatjot Singh Panag** Er. Sukhjeet Kaur Er. Kamaldeep Kaur Er. Harpreet Kaur Er. Jatinder pal Singh Er. Raju Sharma Er. Bhalinder Er. Kiranpreet Kaur Er. Amrit Kaur Er. Karamjeet Singh



DEPARTMENT OF MECHANICAL ENGINEERING

Established in 1993, the Department offers B.Tech. Mechanical Engg. and M.Tech. CAD/CAM. Accredited thrice by the NBA in 2004, 2008 & 2017. Accredited by the Institution of Engineers (India). Placement of students in reputed multi-national and Indian corporate. Very strong alumni base across the globe. Highly experienced & trained faculty with most of them doctorate and pursuing doctorate. Faculty actively engaged in research, has research projects amounting to Rs.2 Crore. State-of-the-infrastructure and advanced facilities for research & development. Excellent workshops and labs fully equipped with latest & sophisticated equipment & machinery.

Industrial visits to supplement the practical knowledge of the students.

Emphasis on conceptual development of the students through seminars and conferences. MoU with STEP, Ludhiana and NISST, Mandi Gobindgarh for internship. Well established student chapters of ISTE, IEI, SAE and ISHRAE for all round professional development. Besides conventional technical education, emphasis on extracurricular activities. Students encouraged for many industry and university sponsored projects.

DEPARTMENTAL LABS

Mechanical Vibrations Lab
Applied Thermodynamics Lab
Industrial Automation & Robotics Lab
Refrigeration And Air-conditioning Lab
Engineering Materials & Metallurgy Lab

Tribology Lab
Automobile Lab
Heat Transfer Lab
Fluid Mechanics Lab
Computer Graphics Lab

Cad/Cam Lab Metrology Lab Industrial Engg. Lab Fluid Machinery Lab Theory Of Machines Lab

WORKSHOPS

Central Workshops Machine Shop Welding Shop Smithy Shop
Carpentry Shop Fitting Shop Foundary Shop

FACULTY Er. Lakhwinder Singh Dr. Amanpreet Singh Sethi Er. Amandeep Singh Er. Gagandeep Singh Er. Meetinder Singh Dr. Jaspreet Singh Oberoi Er. Balraj Singh Er. Peeyush Gaba Dr. Lakhvir Singh **Dr. Sanjiv Kumar Er. Ishpreet Singh** Er. Sanpreet Singh **Er. Jasbir Singh Ratol** Er. Harpreet Singh Aujla Er. Arishu Kaushik Er. Satinder Singh Dr. Bhupinder Singh Bhullar Er. Amardeep Singh Er. Palwinder Singh Er. Gaganjot Singh Dr. Nirai Bala Er. Rajeev Sukheeja Er. Harpreet Singh Nagi Dr. Manpreet Kaur Arora Dr. Nitin Singla Er. Birdevinder Singh Dr. Doordarshi Singh Er. Harmesh Kumar Er. Gagandeep Singh Kohli Er. Maninder Kaur Er. Rajmeet Singh Er. Avtar Singh Dr. Sanjeev Bhandari Er. Gurpreet Singh Er. Ashish Kumar



DEPARTMENT OF ELECTRICAL ENGINEERING

The department of Electrical Engineering, established in 2002 running Under- graduate and Post-graduate programs, namely, B. Tech (Electrical Engineering) with an intake of 60 students, M. Tech (Power Systems) Regular with an intake of 18 students. The major objective of the department is to impart technical training to the students in order to promote curiosity and innovative ideas among them so that they can cope up with the fast changing needs of the industry. The department is well-equipped with the latest experimental and computational facilities. Currently, the department is providing training to students on software platforms like ETAP, LABVOLT, LABVIEW, SOLIDWORKS, MATLAB, and PLC based modules. Students are getting placed in companies like Accenture, PSPCL, PSTCL, Bharat Bijli Ltd, Siemens, Jindal, Oswal, A2Z Corporation Green Energy Power Ltd, Pepsi Bottling Plant and Aarti steels.

The IE(I) student chapter has been started in 2017 and different activities assigned to our college are being currently pursued. Department is also taking part to inculcate software skills in collaboration with IIT Bombay through online spoken tutorials following with certified AMCAT test. In Addition to Curriculum, recreational activities are also a part of working culture of the department to rejuvenate the minds of students.

To imbibe practical skills in students and make them aware of current industry scenario, various industrial trips have been scheduled in every semester. Rewarding its pursuit to impart extensive training to students, the university has allotted with four industries defined projects in previous semester. Along with the student's growth, it is also emphasized to enhance the personal and professional growth by organizing FDP in department from time to time.

DEPARTMENTAL LABS

Power System Lab
Microcontroller And PLC Lab
Electrical Machine Lab
Linear Control System Lab
Computer Aided Power System Analysis Lab

Measurements & Instrumentation Lab Electronic Circuit Lab Estimation And Costing Lab Power Electronics Lab

FACULTY

Dr. Lakhwinder Singh Er. Divya Gupta Er. Amrinder Kaur Er. Simarpreet Singh Dr. Gursewak Singh Brar Er. Neeraj Sharma Er. Manpreet Singh Er. Rajni Bala Er. Navdeep Kaur Brar Er. Mandeep Kaur Virk Er. Tanu Puri Er. Navneet Kaur Panag Er. Jaspreet Kaur Er. Navjot Kaur

Er. Amanpreet Kaur Er. Ranvir Kaur Er. Mandeep Kaur Pandher Er. Amarjit Kaur Er. Maninder Kaur Er. Tejpal Singh Cheema



DEPARTMENT OF MANAGEMENT STUDIES

The Department of Management Studies is one of the best business schools in the northern Punjab. The Department offers cutting edge management programmes to enhance the knowledge, abilities and managerial skills of the students with a motive to meet the multifarious needs of Industry. The Department of Management studies (DMS) established in the year 2008 offers specializations in Finance, Marketing, International Business, Operations Management, Retail Management, Information Technology and Supply Chain Management. The department is offering M.B.A. program in two academic years. The programme consists of 26 courses along with 6-8 weeks internship and industry based projects.

To our students, we offer intellectual depth, abundant resources and individual attention. We organize a large number of academic, cultural and research activities to develop leadership skills of students. The department has a collaboration with Business Standard which conducts a business quiz competition at the Punjab level in order to judge their awareness in the fields of management and current business happenings. The department is making sincere efforts not only in completing the curriculum, but developing the overall personality of the students. From consecutively last three years, our students have secured academic positions at university levels. This year our student Hardeep Kaur of MBA Second year has secured second position in Maharaja Ranjit Singh Punjab technical University, Bathinda.

We are equipped with all the facilities- residential, mess, sports, swimming pool, gym, computer center, auditorium and 24x7 WiFi connectivity. We have state of the art infrastructure. It includes two fully equipped labs with 30 computers each. All the computers have latest operating systems and statistical software's such as SPSS, and Amos. The department has fully Air Conditioned and digital classrooms which are equipped with LCD projector and computer systems. We have a conference room and Group discussion room comprising round table, chairs, computer and LCD projector.

DISTINGUISHED FEATURES

Personality Development Program
Excellent Opportunities for Research
Fortnightly Guest Lectures
Industrial Visits
Research Projects (industry specific problems)

Business News Analysis Discussions/Quiz Rich e-library Panel Discussions Consulting Assignments

FACULTY

Dr. Bhupinder Singh Bhullar (HOD, MBA)

Dr. Sukhwinder Kaur Dhanda

Dr. Jasleen Kaur Kathuria. Dr. Sukhmeet Kaur





BBSBEC





IMPORTANT PHONE NUMBERS



Name / Designation	Telephone No
Principal's Office	+91 1763 503056
Dean Academics	+91 88720 07780
Dean R & D	+91 88720 35213
Dean Student Affairs	+91 98550 43335
Dean Examination	+91 88720 35211
HOD Applied Sciences	+91 88720 35201
HOD CSE	+91 94634 46505
HOD Civil	+91 88720 35202
HOD ECE	+91 98556 51466
HOD EE	+91 88720 35214
HOD ME	+91 88720 35205
HOD Agriculture Engg	+91 88720 07780
Head & MBA	+91 98720 68888
Chief Security Officer	+91 88720 16450
Senior Hostel Warden (Boys)	+91 88720 35214
Senior Hostel Warden (Girls)	+91 80544 80606
Training & Placement Cell	+91 88720 35213
Academic Section	+91 88720 16608
Dy. Controller EXAM (Dr. M.K. Arora)	+91 98148 18606
Dy. Controller EXAM (S. Ram Singh)	+91 88720 35204

BBSB EDUCATION TRUST & ITS INSTITUTIONS PAY Homage To



Panth Ratan
Jathedar Gurcharan Singh Tohra
(1924-2004)
Founder President, BBSB Education Trust









Disclaimer

The statements made in the prospectus and all information contained herein is believed to be correct at the time of publication. However the college reserves the right to make changes and additions to the regulations, conditions governing the conduct of statements, requirements for degree, fee and any other information, or statement contained in the prospectus at any time, without notice. No responsibility will be accepted by the college for hardship or expenses incurred by its students or any other person (s) for such changes, additions, omissions or errors, no matter how they are caused.



You Tube bbsbec





HOW TO REACH US



DISTANCE

Nearest Airport (Mohali)	40 km
Nearest Railway Station (Sirhind)	04 km
Ludhiana	65 km
Patiala	40 km
Chandigarh	45 km
Roopnagar	60 km
Ambala	60 km
New Delhi	260 km