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PREAMBLE

Baba Banda Singh Bahadur Engineering College, Fatehgarh Sahib was established in the year 1993, under the patronage of Shriomani Gurudwara Prabandhak Committee, Sri Amritsar, with the approval of the Govt. of Punjab for the purpose of providing quality technical education to youth of Punjab. The college was a dream project of Panth Ratan Jathedar Gurcharan Singh Tohra, ex-President of SGPC. The college is named after Baba Banda Singh Bahadur, a great saint and warrior, who conquered the Sirhind fort and laid to rest, the tyranny of the Mughal Empire.

The college is approved by the A.I.C.T.E, New Delhi, Ministry of H.R.D, GOI and is affiliated to I.K. Gujral Punjab Technical University, Jalandhar. A few departments of college have earned accreditation twice from the National Board of Accreditation (NBA, AICTE) and once from International Accreditation Organization (IAO). BBSBEC has also been accredited by the Institution of Engineers (India).

BBSBEC is one of the leading institutions in Engineering & Technology and is the most sought-after for admission by the students. It has also made a significant presence in the Techno-Educational field at international level. Over the years, BBSBEC has become a name synonymous with Excellence in academics, research, sports and cultural activities. This institution has helped in transforming the lives of hundreds of youngsters and has worked as an engine for socio-economic growth of the region.

Presently, the college runs six B.Tech Programs and five M.Tech. Programs. It is housed in a sprawling pollution-free campus of 75.4 acres and is located in the sacred surroundings of historic Gurdwara of Fatehgarh Sahib. The college has state of the art infrastructure consisting of 4 Academic Blocks, 7 hostels, star rated guest house, student center, 750 seats air conditioned auditorium, swimming pool, fitness center, indoor gymnasium, sports stadium, athletic arena and houses for faculty and staff. The faculty of the college is highly educated, experienced, motivated and dedicated. The college maintains the environment of research among faculty and students wherein they are motivated to participate in national / international conferences / workshops etc. The faculty has many patents and hundreds of publications in reputed journals to their credit.

To help needy and deserving students, college offers many scholarships to economically weaker / fatherless and meritorious students. The students participate in co-curricular activities like sports and youth festivals and bring laurels to the college every year. The college aspires to collaborate with many institute of national importance for various curricular and co-curricular activities.

After going through a well-planned and executed transformation process of four years in campus, the students are assisted for placement in companies of repute. BBSBEC has very vibrant and dynamic Training and Placement link, which has to its credit placements of final year and pre-final year students in organizations of repute which offered handsome packages to the pass out of the institute. The alumni of the college is present globally and serving at very senior positions. BBSBEC is all set to touch new heights and will continuously strive to live up to the expectations of its founders and all stakeholders.

OUR VISION

To evolve as an eminent Centre of Learning with total commitment to provide career focused technical training aimed at excellence in interdisciplinary education, research and innovation in order to produce socially responsible and synergetic leaders with a global profile.

OUR MISSION

The 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 realise our vision as follows:

- Conduct UG programs that integrate global awareness, communication 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 to facilitate personal commitment to the educational success of students in an environment that values diversity and community.
- Inculcate a high regard for ethical principles and an understanding of human and environmental realities.
- Provide state-of-the-art facilities and effective delivery of high quality content by qualified faculty members to build the notion of lifelong learning.
- Conduct scholarly activities that create and transfer cutting-edge knowledge in the area of engineering and technology.
- Create a highly successful alumni base that contributes to global society.

Strategic Plan 2015-20 @ BBSBEC

Key Areas

- Academic Processes
- Student Development
- Branding & Marketing
- Industry – Institute Interaction
- Faculty & Staff Development
- Infrastructure
- Governance
- Building Relationships

- **Academic Process**
 - To provide the best teaching learning atmosphere
 - To get the national accreditations like NBA / NAAC for programs and institution as applicable.
 - To offer Choice Based Credit System / dual specialization for more flexibility to students to chose courses.
 - To encourage students to undergo self-learning modules like NPTEL & MOOC etc
 - To increase disciplinary courses offered.
 - To enhance focus on PG & research activities.
 - To establish academic alliances with institutions of national repute.
 - To introduce skill development programs

- **Student Development**
 - To impart/enhance soft-skills through well designed Personality Enhancement Program.
 - To enhance technical knowledge/skill enhancements through lab practicals, workshops, competitions, etc
 - To impart human values and professional ethics.
 - To inculcate the practice of life-long learning.
 - To encourage student to participate in co-curricular activities and be member of one professional club, one creative club and one sports.

- To ensure placements of 100% of interested and eligible students in field of their choice (Job / Higher Education / Entrepreneurship).
- **Branding and Marketing**
 - Deploy Digital Marketing as a prime Branding and Marketing Tool
 - Use bulk email / sms also for lead generation
 - Implement CRM for lead management
 - Hire professional Tele callers
 - Use FM as media of Advertisement
 - Print Advertisement like Banners / Handouts / Newspapers etc
 - Offer attractive entry level scholarships
- **Industry – Institute Interaction**
 - To organizing Workshops, conferences and seminars with joint participation of the industries.
 - To encourage practicing experts from industry to visit Engineering Institution to deliver lectures.
 - To arrange visits of staff members to various industry
 - To start professional consultancy by the faculty to industries.
 - To facilitate visits of faculty to industry for study and discussions or delivering lectures on subjects of mutual interest.
 - To sign Memoranda of Understanding between the Institute and industries to bring the two sides strategically closer.
 - B.Tech. and M.Tech. projects/dissertation work in industries under joint guidance of the faculty and experts from industry.
- **Faculty & Staff Development**
 - To recruit and retain highly qualified and committed faculty.
 - To develop heterogeneous academic society which is mandatory for excellence in learning.
 - To train & Improve quality by imparting new skills.
 - To encourage participation in FDPs, Conferences and Seminars etc
 - To redesign staff job/function

- To motivate educational upgradations.
- **Infrastructure**
 - To ensure effective utilization of the existing state-of-the-art infrastructure.
 - To properly maintain available infrastructure and facilities.
 - To prioritize investment options on infrastructure.
 - To look for opportunities to mobilize additional funds
 - To effectively utilize the financial resources
- **Governance**
 - To ensure compliance with all norms laid down by statutory authorities.
 - To make the students more professional and focused.
 - To redesign organizational processes and devise suitable SoPs (Standard Operating Procedures) where ever feasible.
 - To strengthen the existing system & procedures for conflict resolution and redressal of grievances.
 - To strengthen resource mobilization.
- **Building Relationships**
 - ***To build and maintain healthy relationship with all stakeholders:***
 - Students / Alumni
 - Parents of students
 - Staff
 - Industry
 - Society
 - ***To involve students in social activities like:***
 - National Service Scheme
 - Village Adoption (UBA)
 - Blood donation camps
 - EBSB