



# STRATEGIC PLAN

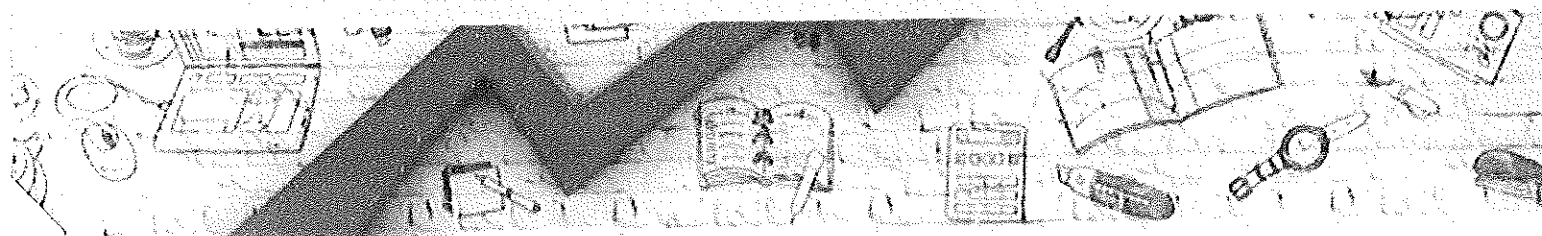
2015-20



## BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE

FATEHGARH SAHIB, PUNJAB | [www.bbsbec.edu.in](http://www.bbsbec.edu.in)

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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
- Industry – Institute Interaction
- Human Resource
- Infrastructure
- Governance
- Building Relationships

### **Academic Processes**

To get the national accreditations like NBA / NAAC.

To offer more flexibility to students to choose electives.

To encourage students to undergo self-learning modules like NPTEL & MOOC etc

To offer dual specialization at UG/PG level.

To increase inter-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 well conducted lab practicals, workshops, competitions, expert lectures etc

To impart human values and professional ethics and inculcate the practice of life-long learning.

To encourage student to participate in co-curricular activities.

To ensure placements of 100% of interested and eligible students in field of their choice (Job / Higher Education / Entrepreneurship).

### ***Industry Institute Interaction***

To organizing workshops, conferences and seminars with joint participation of the industries.

To encourage practicing experts from industry to visit college to deliver lectures.

To arrange visits of staff members to various industry

To start professional consultancy by the faculty to industries.

To sign Memorandum of Understanding between the college and industries to bring the two sides emotionally and strategically closer.

B.Tech. and M.Tech. projects/dissertation work in industries under joint guidance of the faculty and experts from industry.

### ***Faculty Development***

To recruit and retain highly qualified and committed faculty.

To develop heterogeneous academic society which is a pre-requisite for excellence in learning.

To train and improve quality by imparting new skills on regular basis.

To redesign staff job/function.

### ***Infrastructure:***

To ensure effective utilization of the existing state-of-the-art infrastructure.

To properly maintain available infrastructure and facilities.

To ensure clean & green ambience.

### ***Governance***

To further enhance decentralization and encourage participative management.

To ensure compliance with all norms laid down by statutory authorities.

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 initiate resource mobilization, where ever feasible.

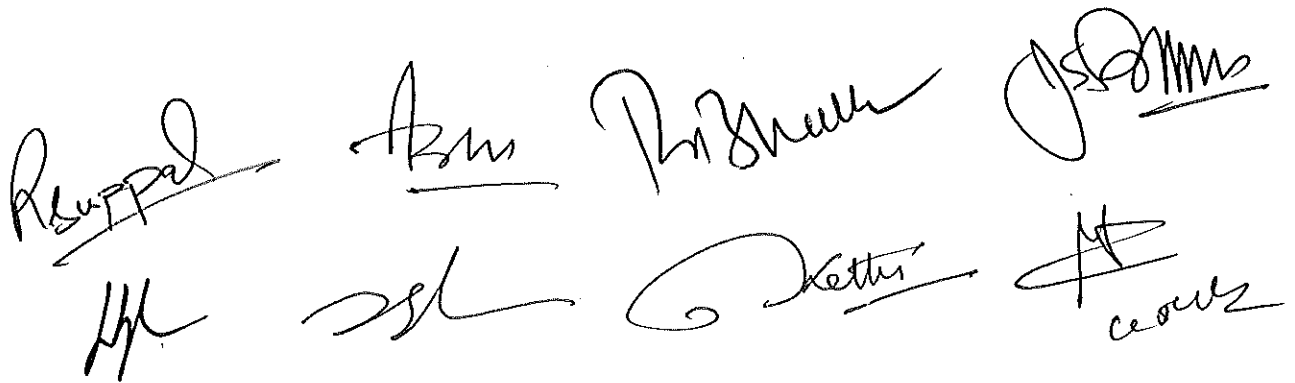
### ***Building Relationships***

To build and maintain healthy relationship with all stakeholders:

Students / Alumni  
Parents of students  
Staff  
Industry  
Regulatory Authorities  
Govt Agencies.

To involve students in social activities like:

National Service Scheme  
Village Adoption  
Blood donation camps  
Tree Plantation

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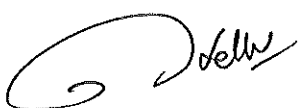

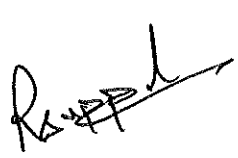


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S. No.	Plan	Action
<b>Academic Processes</b>		
1.	To get the national accreditations like NBA / NAAC.	NBA Documents ready for 2 depts
2.	To offer more flexibility to students to choose electives.	Continuing
3.	To encourage students to undergo self-learning modules like NPTEL & MOOC etc.	Continuing
4.	To offer dual specialization at UG/PG level.	To pursue with affiliating university
5.	To increase inter-disciplinary courses offered.	To pursue with affiliating university
6.	To enhance focus on PG & research activities.	To establish research Centre
7.	To establish academic alliances with institutions of national repute.	Continuing
8.	To introduce skill development programs	To pursue
<b>Student Development</b>		
1.	To impart/enhance soft-skills through well designed Personality Enhancement Program.	Continuing
2.	To enhance technical knowledge/skill enhancements through well conducted lab practicals, workshops, competitions, expert lectures etc	Continuing
3.	To impart human values and professional ethics and inculcate the practice of life-long learning.	Continuing
4.	To encourage student to participate in co-curricular activities.	Continuing
5.	To ensure placements of 100% of interested and eligible students in field of their choice (Job / Higher Education / Entrepreneurship).	Continuing



<b>Industry Institute Interaction</b>		
1.	To organizing Workshops, conferences and seminars with joint participation of the industries.	Continuing
2.	To encourage practicing experts from industry to visit college to deliver lectures.	Continuing
3.	To arrange visits of staff members to various industry	Continuing
4.	To start professional consultancy by the faculty to industries.	To Initiate
5.	To sign Memoranda of Understanding between the college and industries to bring the two sides emotionally and strategically closer.	Continuing
6.	B. Tech. and M. Tech. projects/ dissertation work in industries under joint guidance of the faculty and experts from industry.	Continuing
<b>Faculty Development</b>		
1.	To recruit and retain highly qualified and committed faculty.	Continuing
2.	To develop heterogeneous academic society which is Prerequisite for excellence in learning.	Continuing
3.	To train & Improve quality by imparting new skills on regular basis.	Continuing
4.	To redesign staff job/function.	Continuing
<b>Infrastructure:</b>		
1.	To ensure effective utilization of the existing state-of-the-art infrastructure.	Continuing
2.	To properly maintain available infrastructure and facilities.	Continuing
3.	To ensure clean & green ambience.	Continuing
<b>Governance</b>		
1.	To further enhance decentralization and encourage participative management	Continuing

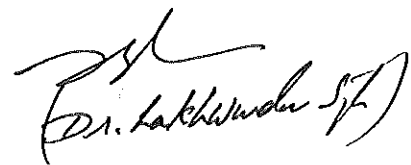
2.	To ensure compliance with all norms laid down by statutory authorities.	Continuing
3.	To redesign organizational processes and devise suitable SOPs (Standard Operating Procedures) where ever feasible.	Continuing
4.	To strengthen the existing system & procedures for conflict resolution and redressal of grievances.	Continuing
5.	To initiate resource mobilization, where ever feasible.	Continuing
<b>Building Relationships</b>		
1.	To build and maintain healthy relationship with all stakeholders:	
a.	Students / Alumni	Continuing
b.	Parents of students	Continuing
c.	Staff	Continuing
d.	Industry	Continuing
e.	Regulatory Authorities	Continuing
f.	Govt Agencies.	Continuing
2.	To involve students in social activities like:	
a.	National Service Scheme	Continuing
b.	Village adoption	Continuing
c.	Blood donation camps	Continuing
d.	Tree Plantation	Continuing









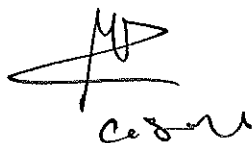
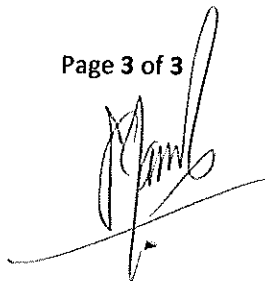
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<b>Governance</b>		
1.	To further enhance decentralization and encourage participative management	Continuing

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b.	Village Adoption	Continuing
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d.	Tree Plantation	Continuing



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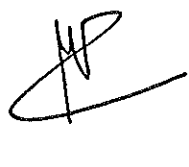
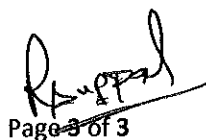
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b.	Village Adoption	Under Unnat Bharat Abhiyan
c.	Blood donation camps	Continuing
d.	Tree Plantation	Continuing




(Dr. Lakshminarayan Singh)

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