# Strategic Plan
## (2018-2023)



BABA FARID COLLEGE
OF ENGINEERING & TECHNOLOGY
Muktsar Road, Bathinda, Punjab (India)

# Strategic Plan

## Session 2018 to 2023

## ABOUT THE COLLEGE

Baba Farid College of Engineering and Technology is managed by Baba Farid Vidyak Society, founded in 1993 under the kind patronage of prominent educationists of Malwa Region of the State of Punjab. The society aims to provide quality education to prepare young minds to face the competitive world on all fronts. The institute offers a host of hi-tech ultra-modern facilities to ensure quality education for its students. The institute is being managed efficiently by its Chairman, Dr. Gurmeet Singh Dhaliwal, an eminent educationist and Bharat Jyoti Awardee. As a Premiere Educational Institute, Baba Farid College of Engineering & Technology emphasizes on imparting the practical skills to the students to make them ready to take up the challenges in the digitalized transformation of technical education. With the support of up-to-date labs, excellent infrastructure and qualified faculty the college is committed to provide the quality education. The college always takes its best foot forward for motivating its students towards research by organizing International Conferences, Seminars and Guest Lectures in its campus.

## VISION

To emerge as centre of excellence in technical education by providing excellent educational opportunities for overall development of students to be a good human being to serve the society.

## MISSION

- To impart quality education and practical knowledge to the students for imbibing requisite technical and soft skills for making them future technocrats.
- To cope with Industry requirements for bridging the gap between Industry and Academia.
- To involve students in social activities like rural development, women empowerment community service, health, and hygiene awareness & environmental protection for their contribution to create healthy, vibrant, and sustainable society.

## CORE VALUES

- Adopting sustainable development as a central organizing principle for its activities.
- Being innovative and enterprising.
- Goovers – Company and Industry Research

- Delivering quality and excellence with pride.
- Respecting others to inspire them to deliver their best.

## TARGETS

**Academic Excellence for Employability Enhancement**

1. Complete Implementation of Learning Management System
2. 100% ICT enabled classrooms
3. Regular Feedback from various stakeholders for continuous improvement in academics
4. Minimum 100 certificate courses/value added courses/skill training programs will be offered.
5. Establishment of minimum 02 Centre of Excellence (COE)
6. Involvement of Students in Live Projects

**Research and Innovation**

1. Establishment of dedicated department to promote research and innovation
2. Collaborate with minimum 25 academic and industrial institutions in 5 years through MoUs.
3. Minimum 30 patents will be published

**Faculty and Staff Development**

1. Minimum 02 FDPs and SDPs will be organised separately in every year.
2. Minimum 01 technical training program will be organised for faculty through industry.

**Entrepreneurship**

1. Establishment of Incubation Centre
2. Incubation of minimum 02 startups per year
3. Minimum 03 startups will be graduated.

**Social Responsibility**

1. Adoption of minimum 03 villages for awareness programs.
2. 08 to 10 community connect programs will be organised every year.
3. Establishment of blood donor squad involving all staff and students.

## Strategies to achieve the above targets:

### Academic Excellence for employability enhancement

1.     Outsourcing of ERP solutions will be done for the campus automation including LMS

2.     Projectors and Wi-FI facilities will be strengthen in all the classrooms and labs

3.     Feedback from all the stakeholders i.e. students, staff, alumni and employers will be taken every year planning of upcoming sessions will be done on the basis of analysis of the feedback.

4.     In every department minimum 4 certificate course/value added course/skill training program will be offered to students.

5.     Renowned industries will be approached for setting up of COEs in the institution by the end of session 2018-19. Major focus area will be CSE, Electrical and Mechanical.

### Research and Innovation

1.     Research and innovation department will be established in the year 2019-20 to promote research and innovation in the college.

2.     Minimum 5 organisations will be approached every year for collaboration through MoU. Emphasis will be given on local industry and institutes of national importance of the region to collaborate for various research activities.

3.     IPR policy of the institution will be framed and implemented to promote the patent work in college. Competitions and workshops will be organised to create an eco- system in the college regarding intellectual property rights.

4.     Live Projects will be given to students in groups under the mentorship of faculty members. Shortlisted projects will be filed for patent publication and grant.

### Faculty and Staff Development

1.     FDPs will be organised at the end of each semester on the desired areas and futuristic technologies like AI, Machine Learning, Data Science, IOT, VR, AR, Teaching Methodologies, Research writing, student psychology, ICT etc.

2.     SDPs will be organised at the end of each semester on the desired fields for office staff, class IV staff, technical staff, drivers, cleaners and security staff.

3.     Concerned industry will be approached for the technical training to the faculty under "Train the Trainer" module.

## Entrepreneurship

1.      An incubation centre will be established in the institution by year 2019-20 to support the budding startups

2.      Entrepreneurship and startup policy will be framed and implemented.

3.      Idea generation competitions will be organised to identify the new business ideas which can be further matured into a startup.

4.      Complete handholding of incubates by providing them mentorship in different fields like finance, marketing, product design, technology, HR, legal etc.

## Social Responsibility

1.      Nearby villages will be adopted to organise various community connect programs on environmental issues, health and hygiene, female education and empowerment, social evils etc.

2.      Blood donor squad will be established in the institution by registering the interested staff and students who are willing to donate blood on requirement basis.