

## Mechanical Engineering Technology - Advance diploma (Design & Drafting)

Duration : 3 years (6 Semesters) 1 year in India and 2 years in Canada

### Admission Requirements

- Grade 12 Examination Certificate with overall passing score of 60%. Grade 12 Math or equivalent with minimum passing score of 60 %  
**OR**
- Three year Mechanical Engineering Diploma with minimum 60% average in final year. Candidate must score minimum 60% in Maths 1 and Math II in diploma stream.

**Scope of the Program:** Students in the Mechanical Engineering Design and Drafting diploma program learn engineering design, additive manufacturing, facilities layout, CNC machining, jig and fixture design, mould design, F.E.A sustainable design and many other areas of mechanical engineering design.

**Co-op Opportunities:** Mechanical Engineering Design and Drafting Technology students can apply for a paid co-op work term, supplementing their education with paid work experience. Enrolment is limited through an additional co-op selection process

**Work Permit after Graduation:** Students will be eligible to apply for post-graduation work permit valid up to three years from the completion of the academic program

**Financial Aid:** Scholarship funding of up to \$2000 dollars will be awarded in the second year to the first and second position holders in the first year. Sheridan College On-Campus Paid Internship Opportunities may be available to top performing students.

**Employability Opportunities:** Industrial Products and Manufacturing systems I Energy and Power Generation I Automotive I Plant Layout I Heating, Venting and Air-Conditioning Systems I Aerospace

## Electromechanical Engineering Technology- Advanced Diploma

Duration : 3 years (6 Semesters) - 1 year in India and 2 years in Canada

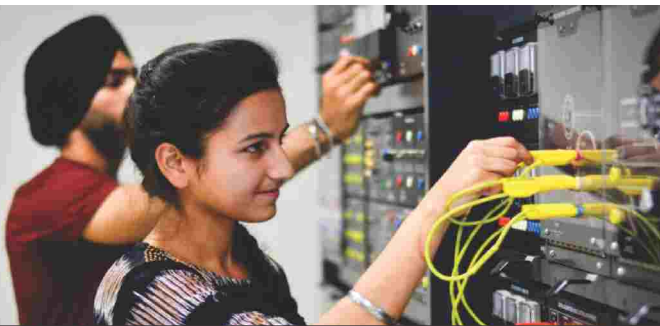
### Admission Requirements

- Grade 12 Examination Certificate with overall passing score of 60%. Grade 12 Math or equivalent with minimum passing score of 60 %  
**OR**
- Three year Electrical Engineering Diploma with minimum 60% average in final year. Candidate must score minimum 60% in Maths 1 and Math II in diploma stream

**Career Opportunities:** Automation Designer I CAD Designer I Electro Mechanical Engineering Tech I Industrial Networks (Device Net & Ethernet IP) Tech I Plant Engineer I Process Control Engineer I Programmable Logic Controller Programmer I Robotics Programmer

**Work Permit after Graduation:** Students will be eligible to apply for post-graduation work permit valid up to three years from the completion of the academic program

**Financial Aid:** Scholarship funding of up to \$2000 dollars will be awarded in the second year to the first and second position holders in the first year. Sheridan College On-Campus Paid Internship Opportunities may be available to top performing students.



## 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 |



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## EXPLORE INTERNATIONAL LEARNING CURRICULUM



**A BBSBEC - SHERIDAN INITIATIVE  
FOR OPENING PATHWAYS TO  
SETTLE DOWN IN CANADA**



## About Sheridan

Founded in 1967, Sheridan has grown from a local college of 400 students to one of Ontario's leading postsecondary institutions, educating approximately 22,000 full-time and 17,000 continuing and part-time studies. An award-winning institution, Sheridan attracts students from across Canada and around the world. Sheridan's 160,000+ alumni play a critical role in shaping the future of our society in the fields of arts, business, community service, health, technology, and the skilled trades.

## About 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 is approved by the A.I.C.T.E, New Delhi, Ministry of H.R.D, Govt. of India and is affiliated to Maharaja Ranjit Singh Punjab Technical University, Bathinda. The college has earned accreditation from the NBA (AICTE) and International Accreditation Organization (IAO) for various programmes.

## MoU of BBSBEC with Sheridan College, Ontario Canada

International Program in Engineering & Technology

- Mechanical Engineering Technology-Advanced Diploma
- Mechanical Engineering Technology-Advanced Diploma (Design And Drafting)
- Electromechanical Engineering Technology Advanced Diploma

**Duration: 3 Years (6 Semester) (1 Year in India and 2 Years in Canada)**

## Why Sheridan

Here are just a few ways your Sheridan undergraduate education gets you further ahead.

- Creative Campus = inspired learning
- Purposeful programs that empower you
- Great undergraduate teaching
- Live a big student life
- Applied research for advanced knowledge
- Centres of Excellence for forward-looking learning
- Graduates who earn employer satisfaction
- Cogenial and conducive ambience for International Students.
- Good healthcare and food facility

## Why BBSBEC

- Comparatively lower fee structure
- Optimum use of time
- Support from Educational Trust and SGPC
- Full assistance in visa procurement
- Free IELTS Preparatory Classes and Testing
- Training through faculty exchange program.



### Mary Preece

President and Vice Chancellor Mary Preece has been an academic leader at Sheridan College since 2008. As Vice President Academic, she developed Sheridan's reputation for excellent undergraduate teaching and learning, as well as the college's focus on applied professional education. She looks forward to welcoming BBSBEC students to the Sheridan community.



### Iain R. McNab

#### Dean, Faculty of Applied Science and Technology

Professor McNab has taught courses in chemistry, physics and mathematics at the Universities of Oxford, Southampton, Newcastle and Toronto, and at Seneca College and Sheridan. He has published over 50 scientific papers in international journals and is on the editorial boards of the International Journal of Applied Chemistry and the International Journal of Pure and Applied Physics.



### Dave Wackerlin

As Associate Dean for the School of Architectural Technology and School of Applied Chemical and Environmental Sciences, Professor Wackerlin leads with a strengths-based philosophy that promotes student and faculty excellence by engaging people in professional activities that excite them.



### Ricardo Hoar

As the Associate Dean of Applied Computing, Ricardo leads a talented and creative team of faculty at the Trafalgar campus. His leadership is fuelled by the insights, expertise and creativity of faculty and students. Ricardo's passion for applied computing can be seen in his publication record, entrepreneurial ventures and teaching philosophy.



### Dr. Kirpal Singh Badungar, President SGPC and BBSBEC

As president, he took strategic decision to exploit the benefits of international technology and education to produce socially responsible and synergetic leaders with a global profile. With this mindset, he has taken a big step to achieve the vision of the institute. His main motive is to evolve this college as eminent center of learning with the commitment to provide technical training. This collaboration will definitely be a win-win situation for both us and the Sheridan College.



### Major General (Dr.) Gurcharan Singh Lamba, Principal, BBSBEC

As Principal, he took initiative to build close relations with Sheridan in order to make the engineers as world class technocrats. This platform will enable the students to get access of knowledge across the globe which will really help them to get placed in reputed MNCs. He extended all the support to make this MOU a success and students are really excited to take the benefits of the same.

**Mechanical Engineering Technology - Advanced Diploma**  
**Duration : 3 years (6 Semesters) 1 year in India and 2 years in Canada**



## Admission Requirements

- Grade 12 Examination Certificate with overall passing score of 60%. Grade 12 Math or equivalent with minimum passing score of 60%
- OR**
- Three year mechanical engineering diploma with minimum 60% average in final year. Candidate must score minimum 60% in Maths I and Math II in diploma stream.

**Co-op Opportunities:** Mechanical Engineering Technology students can apply for a paid co-op work term, supplementing their education with paid work experience. Enrolment is limited through an additional co-op selection process.

**Work Permit after Graduation:** Students will be eligible to apply for post-graduation work permit valid up to three years from the completion of the academic program

**Financial Aid:** Scholarship funding of up to \$2000 dollars will be awarded in the second year to the first and second position holder in the first year. Sheridan College On-Campus Paid Internship Opportunities may be available to top performing students.

**Employability Opportunities:** Computer-assisted Manufacturing | Mechanical Engineering Design | HVAC | Plant Operations | Production | Process Control | Product Development and Testing | Quality Control

## Career Path / Fees

BBSBEC INDIA- Year 1  
Annual Course fee : Rs 2 lakh INR  
Boarding Charges Extra

Sheridan College CANADA Year 2 & 3  
Annual Course Fee: \$16000 - \$19000  
Boarding Charges Extra



# ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ, ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ ਕੈਨੇਡਾ ਪੜ੍ਹਨ ਦਾ ਸੁਨਹਿਰੀ ਮੌਕਾ



ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਕੈਨੇਡਾ ਨਾਲ ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ ਫਤਿਹਗੜ੍ਹ ਸਾਹਿਬ ਦਾ ਤਕਨੀਕੀ ਵਿਦਿਅਕ ਸਮਝੌਤਾ ਹੋਇਆ ਹੈ ਜਿਸ ਦੇ ਤਹਿਤ ਹੇਠ ਲਿਖੇ ਕੋਰਸ ਸ਼ੁਰੂ ਕੀਤੇ ਗਏ ਹਨ।

1. ਮਕੈਨੀਕਲ ਇੰਜੀਨੀਅਰ ਟੈਕਨੋਲੋਜੀ-ਐਡਵਾਂਸਡ ਡਿਪਲੋਮਾ
2. ਮਕੈਨੀਕਲ ਇੰਜੀਨੀਅਰ ਟੈਕਨੋਲੋਜੀ-ਐਡਵਾਂਸਡ ਡਿਪਲੋਮਾ ਡਿਜ਼ਾਈਨ ਅਤੇ ਡਰਾਫਟਿੰਗ
3. ਇਲੈਕਟ੍ਰੋ ਮਕੈਨੀਕਲ ਇੰਜੀਨੀਅਰ ਟੈਕਨੋਲੋਜੀ-ਐਡਵਾਂਸਡ ਡਿਪਲੋਮਾ

**ਦਾਖਲਾ ਲੈਣ ਲਈ ਵਿਦਿਅਕ ਯੋਗਤਾ- 10+2 (ਨਾਨ ਮੈਡੀਕਲ), ਡਿਪਲੋਮਾ ਹੋਲਡਰ**  
ਸਾਰੇ ਕੋਰਸਾਂ ਦਾ ਪਹਿਲਾਂ ਸਾਲ ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ ਅਤੇ  
ਬਾਕੀ ਦੇ ਦੋ ਸਾਲ ਸ਼ੈਰੇਡਨ ਕਾਲਜ (ਓਨਟਾਰੀਓ) ਕੈਨੇਡਾ ਵਿੱਚ ਵਿਦਿਆਰਥੀ ਪੜ੍ਹਨਗੇ।

ਵਿਸ਼ੇਸ਼ਤਾਵਾਂ:-

- 1) ਸ਼੍ਰੋਮਣੀ ਗੁਰਦੁਆਰਾ ਕਮੇਟੀ ਦਾ ਅਦਾਰਾ ਹੋਣ ਕਾਰਨ ਹੋਰਾਂ ਵਿਦਿਅਕ ਸੰਸਥਾਵਾਂ ਨਾਲੋਂ ਬਹੁਤ ਘੱਟ ਫੀਸ।
- 2) ਕਾਲਜ ਵਿੱਚ ਹੀ IELTS ਸਿਖਲਾਈ ਅਤੇ ਪਰੀਖਿਆ।
- 3) ਉੱਚ ਸਖਸ਼ੀਅਤ ਦੀ ਪੜ੍ਹਾਈ ਲਈ ਵੀ ਗਿਆਨ ਦਿੱਤਾ ਜਾਵੇਗਾ।
- 4) ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਕੈਨੇਡਾ ਵਿੱਚ ਪੰਜਾਬੀ ਵਿਦਿਆਰਥੀਆਂ ਲਈ ਖਾਸ ਪ੍ਰਬੰਧ।
- 5) ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਕੈਨੇਡਾ ਵਿੱਚ ਪਹਿਲਾਂ ਤੋਂ ਹੀ ਪੰਜਾਬੀ ਵਿਦਿਆਰਥੀ ਵਿਦਿਆ ਲੈ ਰਹੇ ਹਨ।
- 6) ਬਾਬਾ ਬੰਦਾ ਸਿੰਘ ਬਹਾਦਰ ਇੰਜੀਨੀਅਰਿੰਗ ਕਾਲਜ ਵਿੱਚ ਪਹਿਲੇ ਸਾਲ ਵਿਦਿਆਰਥੀ ਨੂੰ ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਕੈਨੇਡਾ ਹੋ ਰਹੀ ਪੜ੍ਹਾਈ ਵੀ ਕਰਵਾਈ ਜਾਵੇਗੀ।
- 7) ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਵਿੱਚ ਪੜ੍ਹਾਈ ਪੂਰੀ ਕਰਨ ਤੋਂ ਬਾਅਦ ਤਿੰਨ ਸਾਲ ਦਾ ਵਰਕ ਪਰਮਿਟ।
- 8) ਸ਼ੈਰੇਡਨ ਕਾਲਜ ਵਿੱਚ ਪੜ੍ਹਾਈ ਦੇ ਨਾਲ ਵਿਦਿਆਰਥੀ ਕੰਮ ਵੀ ਕਰ ਸਕਦਾ ਹੈ।

ਵਧੇਰੇ ਜਾਣਕਾਰੀ ਲਈ ਹੇਠ ਲਿਖੇ ਨੰਬਰਾਂ ਦੇ ਸੰਪਰਕ ਕਰਨ ਦੀ ਕ੍ਰਿਪਾਲਤਾ ਕਰਨੀ।  
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1800 137 2015 (ਟੋਲ ਫ੍ਰੀ ਨੰ: ), 88720-16600, 98720-68888,



# BABA BANDA SINGH ENGINEERING COLLEGE, FATEGARH SAHIB

## Golden Opportunity To Study In Canada



## Collaboration of BBSBEC, Fatehgarh Sahib with Sheridan College, Canada

1. Mechanical Engineering Technology - Advanced Diploma
2. Mechanical Engineering Technology - Advanced Diploma Design & Drawing
3. Electro Mechanical Engineering Technology - Advanced Diploma

**Eligibility :- 10+2 (Non Medical/Diploma Holder with 60% Marks in Maths)**  
**One Year at BBSBEC and Remaining Two Year at Sheridan College, Canada**

### Highlights:

1. Comparatively low fee structure, being SGPC Institute.
2. Free IELTS training and testing.
3. Free PDP classes.
4. Special arrangement for Punjabi students at Sheridan.
5. Ample number of Punjabi students already studying at Sheridan.
6. Students will be taught subjects of Sheridan at BBSBEC during their first year stay at BBSBEC.
7. Three years work permit after completion of the academic program.
8. Work permit given during the academic program.



**For More Information Kindly Contact :-**

**BABA BANDA SINGH BAHADUR ENGINEERING COLLEGE, FATEHGARH SAHIB**  
**1800 137 2015 (Toll Free), 88720-16600, 98720-68888,**

[www.bbsbec.edu.in](http://www.bbsbec.edu.in) | [www.sheridancollege.ca](http://www.sheridancollege.ca)