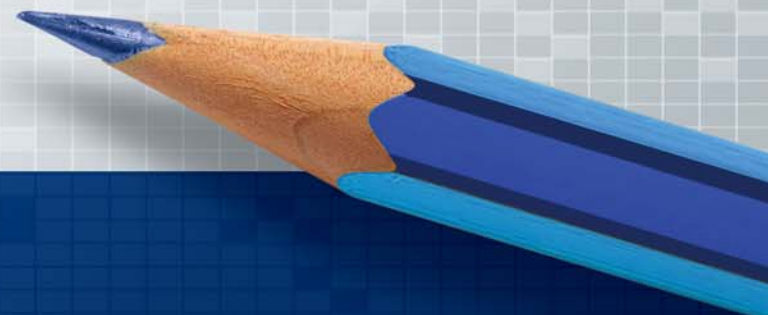




Uncover
your potentials!



**BUDGE BUDGE INSTITUTE
OF TECHNOLOGY**

www.bbit.edu.co



We are all born with the potential to succeed. The purpose of education is to uncover the potentials and give each one the skills to flourish in the adult world. In this process the final years of learning are most critical for they will determine where how far you can fly.

The Budge Budge Institute of Technology prepares students to launch themselves into lifetime careers by imparting academic, technical and personality training of the highest order.



The Jagannath Gupta Family Trust

Working for a better world



The **BBIT** is an educational endeavor of the Jagannath Gupta Family Trust (JGFT) to create a landmark in the field of Technical Education and Personality Development. It is the dream child of Sri Jagannath Gupta, a well-known figure in the oil refining industry, who has been associated with a number

of philanthropic causes in and around Budge Budge.

Although it is a family trust, JGFT trustees are drawn from eminent members of society and include professionals and social activists. Its role is to oversee **BBIT** like a deep-rooted banyan tree, a symbol of consistency, strength and firmness.





The Visionary

It gives me immense pleasure to welcome each of you to our family at Budge Budge Institute of Technology. For quite some time we have been feeling the absence of an advanced learning centre in this region to meet the growing needs of our great nation. We can achieve this together by your help, endurance and our commitment towards the sacred body of knowledge. This is our way of establishing a technical institution for imparting quality education.

On behalf of the Institute, I want to assure you that our efforts shall always be to offer you the best possible technical education through our highly qualified teachers and competent associates from reputed organizations like the IITs, IIM, Jadavpur University, Calcutta University, NIT and other educational and industrial institutions.

I strongly believe that with the passage of time, we will be able to provide you with education of

international standards.

We feel proud in associating ourselves, with not only you, but also your parents, who have been critical contributors towards your success until now. Let me take this opportunity to remind each of you that 'what yesterday was their dream is your vision for tomorrow'. The pursuit of knowledge and excellence shall always reign supreme, and should always remain unfettered, irrespective of one's caste, creed, sex, religion, language and nationality.

As the Chairman of the Jagannath Gupta Family Trust, I desire that, with the cooperation of faculty members, research organizations and reputed educational institutions, we will be able to inculcate a sense of values to serve the industry as well as the society. At the same time, I would expect that, in completing your course curricula, you would attain the global leadership qualities as expected from technical professionals.

I wish you all the best.

Warm regards,

Sri Jagannath Gupta
Chairman, BBIT



Wisdom and Responsibility

Business Ventures

Organization

1. Bharat Lub Industries Pvt. Ltd
2. JKB Gas Pvt. Ltd.
3. Bristol Petroleum Pvt. Ltd.
4. A J Trading Pvt. Ltd.
5. BOOM Commercial Pvt. Ltd.

Type

- Manufacturing of Lubricating Oil & Greases
- Manufacturing of LPG Cylinders
- Refining & Recycling of Oil
- Import-Export
- Real Estate

Social Initiatives

Organization

1. Kolkata Research Institute of Plastic Surgery, Burn & Trauma
2. Gulabi Raj Shyamlal Memorial Eye Hospital
3. ARATI Nursing & Diagnostic Center
4. Jagannath Gupta Lotus Kindergarten School
5. Primary School at Charial

Type

- 200 bed Multi Specialty Hospital & Research
- 50 bed Specialized Eye Hospital
- 60 bed Hospital
- Education
- Education

Honorary Positions

President of :

Lions Club of Calcutta Adarsh | Rotary Anandalok | Madhya Deshiya Vishya Shava (Eastern Region)
Budge Budge Thana Samannay Samity | Budge Budge Babyashaya Samannay Samity





Vision

To be the centre of excellence in all aspects of professional education.

Mission

To develop young, committed professional engineers, managers and technicians with innovative ideas and ethical values capable of coping with emerging global challenges for the betterment of future society.

The Governing Body

Shri. Jagannath Gupta

Chairman, BBIT

Prof. (Dr.) Tapan Kumar Chattopadhyay

Dean & HOD of Mechanical Engineering Department, BBIT

Prof. (Dr.) K. L. Chopra

Chairman of Governing Body, BBIT; Padmashree, Former Director, IIT Kharagpur

Mr. Kartik Sau

HOD of Computer Science & Engineering Dept., BBIT

Prof. (Dr.) A. K. Mukhopadhyay

Former Vice-Chancellor, Tripura University, Former Dean FET & Sir R. B. Ghosh Professor, CU

Shri U. Sinha

Traffic Manager, KolkataPort Trust

Prof. (Dr.) Sajal Dasgupta

Director of Technical Education, WB

Mr. Sachinanda Rai

Managing Director, Eden City Group

Prof. (Dr.) Debashish Bhattacharya

Professor IIT, Kharagpur

Dr. Shubhangi Gupta

Deputy Registrar, BBIT

Mr. Krishna Kumar Gupta

Director, JKB Gas Pvt. Ltd., Bharat Lubricants Pvt. Ltd.

Mr. Jaswant Mishra

Senior Joint President: Mangalam Cement Ltd. (B. K. Birla Group of Industries)

Prof. Dr. Santanu Kumar Sen

Principal, Engineering Dept, BBIT

Shri D. P. Jana

IAS (Retd.), Formal Vice Chairman, Housing Board, Govt. of W. B.

Capt. Vijay Kumar Kaushal

Principal, SainikSchool, Purulia



The Advisory Body



Padmashree Prof. (Dr) K. L. Chopra



"I am glad to the fact that a BBIT has come up very fast in a relatively very short span of time in introducing

management, technical and engineering education campus under the aegis of Jagannath Gupta Family Trust at Budge Budge, a historical place where Swami Vivekananda landed after delivering a message to the huge religious gathering at Chicago. The place is also glorified with the footsteps of Netaji Subhas Chandra Bose during freedom movement. It is heartening to note that the college has obtained the approval and affiliation from AICTE and WBUT/WBSTE respectively as a technical campus.

As per the guidelines of MHRD, an engineering & management, Polytechnic college is to come amidst Industrial Environment and this college has come up in a developing industrial hub thereby will create a place of

better learning than a place of teaching.

I also feel proud for being associated with this new college and I am sure that with the dynamism and leadership of Mr. Jagannath Gupta and coupled with the expertise of eminent educationists, the college will in no time become a true educational centre of excellence."

FNA, FASc, FNASc, FNAE, D.Sc.(hc)

Former Director, Indian Institute of Technology, Kharagpur

Recipients of S. S. Bhatnagar Prize, Bhaba Awards

Aryabhatta Gold Medal, FICCI Awards

Prof. (Dr.) Asok K. Mukhopadhyay



"BBIT is now in the map of leading Technological Institutes. After serving Tripura University as Vice-

Chancellor, I got an opportunity to associate myself with this organization

for sharing my experience in the development and growth of this institute. I am proud to be associated with such a technically well-equipped and eco-friendly learning environment.

The thrust area in this direction will be as under:

- To bring about improvement in the quality of education through modern aids and techniques;
- To involve faculty members to act as Mentors for the students for their overall improvement;
- To explore ways and means to provide opportunities to the faculty members to pursue Research Work in the Institute itself;
- To strengthen Industry-Institute Relationship making courses more applications oriented.

M. Tech., Ph.D., FIE, FIIST, FIETE, MISTE, MSPE

Former Vice-Chancellor, Tripura University, UNESCO International Expert,

Former Dean, Engineering & Technology, Calcutta University

Prof. K.K. Ghosh



"BBIT aims to disburse comprehensive Technical & Management education at affordable costs.

With the change in scenario owing to global melt down, the Institute commits to develop a unique, high end, innovative, flexible and quality education system in order to bring about a change in the mind set of the students.

Out of my experience, I feel that the introduction of Entrepreneurship Development Programme, encouraging faculties to take up inter disciplinary research activities in collaboration with the industries to solve real life industrial problems and introducing practice school teaching during vacations will bring about great successes for BBIT in the coming year."

B.E., M. E., MISTE
Former faculty of National Institute of Technology (NIT)

Former Principal of Dr. Meghnad Saha Institute of Technology, Haldia
Recipients of jewel of India & Life Time Achievement Award

Dr Balram Gupta



"BBIT, one of the pioneering technical institutes, is disseminating technological know-how among the

aspiring candidates keeping in view the global need of engineers and management graduates. Pedagogy and academicians involved in BBIT are at par with the same what I have observed in USA."

M.B.B.S., M.D. (New York University, U.S.A.)

Diplomate of American College of Internal Medicine

Ex-Consultant Physician, Trinity Medical Center, Moline, IL, U.S.A.

Fellow, Non-Invasive Cardiology, Medanta, The Medicity, Gurgaon, INDIA

Mr. Indrajit De



"Wondering to see a college at Budge Budge namely BBIT is teaching courses which can be compared only with institutes of

National Repute like IIT & IIM and also with some institutes situated in USA. Its infrastructure can be matched only by premier institutes at global level."

MBA and MS, University of Virginia, USA
Former Consultant, Financial Services Practice at Deloitte Consulting (Braxton) in New York
Chairman, Eden City, Kolkata

Prof. (Dr.) Sanjoy Mukherjee



"Having more than two decades of international teaching experience in various Universities of global repute, I

have found BBIT has created a

comprehensive platform for disseminating Higher education in India. Undoubtedly students passing out of BBIT will be having competitive edge in the corporate world."

MBA (IIMC), Ph.D. (JU)

Professor, IIM, Shillong, Former Professor of IIM, Calcutta

Aspen Scholar, Former Centre Coordinator of MCHV, Calcutta

The Editor-in-Chief of the bi-annual international Journal of Human Values published from SAGE

Mr. Joydeep Bhattacharya



"After a long enough time I have come across an institute - BBIT, which is catering higher education as per the needs of

corporate world. Undoubtedly BBIT is a global village of IITs and IIMs."

B-Tech IIT (Kharagpur), MBA, IIM, Bangalore

Former Vice-President - Research & Analysis in the Knowledge Services Group of Wipro

MBA

from the Principal's Desk

Prof. (Dr.) Sanjay Saha



Jet-Technology of today has made entrée to all sorts of information instant, and consequently Trade & Commerce are becoming global like a streak of lightning. New areas of opportunities are promising and the need for vividness in maneuver has become essential. BBIT is glowing conscious of these promising trends and is doing the preeminent to cope up with these smoldering challenges. Our loom to management education is innovative, entrepreneurial with a

difference from conventional approach. The students, faculty and staffs of this highly reputed institution have a modish outlook and keep ardor to the age old value system of our motherland. Institute is promoted by the eminent Industrialists who are having more than four and half decades' rich and innovative experience both at National and International levels.

We expect BBIT Graduates will recognize the challenge to fulfill our mission as they mature in this striking topography.

I am longing the candidates to have an unbeaten professional life.

MBA, M.Sc., Ph.D. (IIT—Kanpur)

24 years Academic Experience,

Research & Industry Experience

Ten research papers published in

National and International Journals

and written two books.

Engineering & Polytechnic

Dr. Santanu Kumar Sen



Dear Students,

At the outset, I would like to convey my heartiest congratulations to all the newly admitted students on entering to a new world of engineering academia and thus enriching and expanding the Budge Budge Institute of Technology (BBIT) family. On behalf of the Institute, I welcome you all at the lush green campus BBIT, a place where we celebrate youth and excellence and attempt to transform young persons into adults with a sense of social

responsibility, human values and concern for environment. We not only strive to train the students to become excellent engineers, technologists, thinkers and leaders of the society, but also help them mould themselves into better human beings.

We are currently running 5 branches of engineering in B.Tech, viz., Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering and Computer Science Engineering, each of which is of 4 years span. I hope that you would use this opportunity to realize your full potential and bring out the best in you. We are sure that the excellent academic environment and the opportunity to participate in co-curricular and extra-moral activities will also help you in developing your personality and in your all-round growth.

Well, there would be of course times when you might feel lonely, stressed

and/or homesick, especially during the initial phase of your stay here. During these times, I will strongly suggest that you should not hesitate in seeking help from your Mentor, Faculty Advisor or the Institute Counselor. You can even come forward to me directly without any inhibition. We are always there to assist you for any kind of problem that would help you to cope up with the new environment

I strongly believe that your academic pursuit at BBIT will be fruitful and enjoyable in every aspect and the experiences you gain here and the moments you spend here will be cherished by you all throughout your future life.

My best wishes are always with you.

**BE (CSE), MBA (IS), Ph.D (Engg.),
C. Eng (I), FIETE, FIEC, SMCSI,
SMACM, LMISTE, MIE, MIEEE**

**16 years combined in Industrial,
Research & Teaching experience**



Pillars of Success

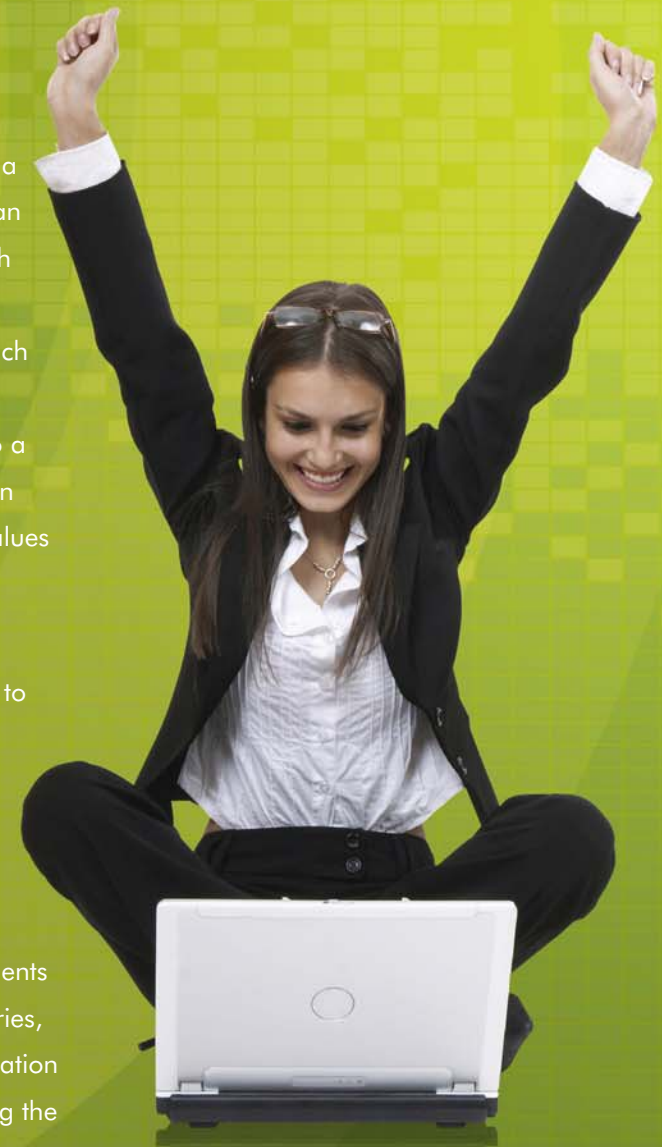
The success story of an institution weaves around its pillars, which supports and facilitates the growth of individuals. These pillars are

**Students,
Parents,
Teachers &
Administration.**

Budge Budge Institute of Technology (BBIT) is a technical institute whose main objective is to produce result oriented and skilled professionals to meet the ever-growing demands of industries. The Institute seeks to set up a supportive environment, the essence of which is "care." We care for each one who enters the portal of our institution. We know the power of

a gentle touch, a friendly smile, a kind word, a listening ear, and an honest compliment – all of which embody parental care. With a nurturing philosophy, it views each one of you as unique and is committed to grooming you into a strong individual, a global citizen with your feet firmly rooted in values and traditions that marks a true BBITian.

In a larger context, BBIT intends to provide quality education on which the country can depend. The curriculum is up to date to effectively fulfill the technological requirement of India. It is tuned to the requirements of research institutes and industries, so that the benefits of your education can find application in improving the people's quality of life.



Aims & Objectives

- To provide the latest technology to meet the demands of front-end industries
- To maintain a high teacher-student ratio to ensure better interface & close bond among them
- To impart personality traits in students to ensure a bright career
- To expose the students to the industrial climate and practical problems
- To improve communication skills, creativity and leadership quality among students
- To encourage increased participation in co-curricular activities & develop social awareness
- To provide facilities towards faculty up-gradation
- To encourage students and the faculty to develop research habits leading to subsequent publication of research papers in National and International Journals

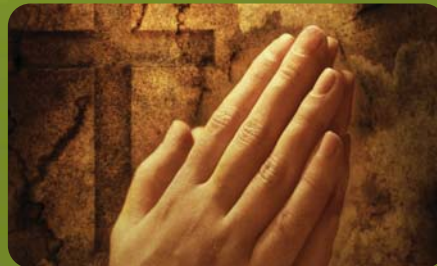
Supportive Environment

Cafeteria

The in-campus cafeteria is a fully facilitated, modern cafeteria for students and staff members, to promote better interaction amongst them. The menu is price-regulated and the students can revitalize themselves after engrossing class hours.

Clinic

The Institute has a part time medical professional on all working days to



provide free clinic and health checkup for the students and staff members. In this connection a separate room has been earmarked where a stretcher, wheel chair, bed and sitting arrangements and other facilities coupled with an assisting staff/ nurse are available to provide efficient treatment

Banking Facilities

Students and staff members can avail of ATM and other banking facilities



for easier financial transactions as well as to enable easy educational loans to aspiring students.

Places of Worship

To ensure a cosmopolitan environment, a composite structure comprising a Temple, Mosque,

Gurudwara and a Church, as a place of worship is proposed for the students and faculty.



Power backup

A 160 kva d-g set ensures uninterrupted power supply to the entire campus in the event of an electrical breakdown.





Wi-Fi



Library



Computing Centre



Laboratories

Quality Education

Wi-Fi Campus



The entire campus is having Wi-Fi connectivity for easy accessing and downloading of desired study material as well as to get the latest information related to developing trends in science and technology, globally.

Classrooms

All the classrooms have been provided with modern audio-visual equipment to facilitate the teaching and learning process like: LCD projector, Overhead projector, Cordless microphone with an amplifier and speakers, Interactive electronic boards

Central Library

The Central Library is located on the third floor of the Administrative Building. The Central Library is a 6,000 Sq.Ft. facility, with a reading room to seat 100 students. It has an exhaustive collection of text, reference and other books to cover all the subjects of the curricula. The entire collection comprises of more than

20,000 books and over 2,000 titles. They are classified according to the 22nd edition of Dewey Decimal Classification.

The library uses Libsys (Library Management Software) for its library housekeeping operations like OPAC (Online Public Access Catalogue), Cataloguing, Circulation.

The library services include:

Circulation Service, Reference Service, E-library Service, Reprographic Service, Book Bank Facility, OPAC.

Digital Library comprises of hundreds of e-books, e-journals (national and international), audio/ video lectures from IITs and National Programme on Technology Enhanced Learning (NPTEL).

Language Laboratory

With an aim to equip our students for all eventualities, we have set up a wireless language laboratory to develop and improve their communication skills and vocabulary. Further, we have introduced a course which comprises of modules on key topics such as Practice Activities,

Testing, Teaching, Reading, Lesson Planning, Teaching in large heterogeneous classes et al. Each module presents both the practical and theoretical aspects with assignments. The laboratory is equipped with 31 wireless headsets, 4 wireless microphones, CDs, Audio Cassettes, DVDs, Books, Posters Apart from English, the laboratory is also equipped for teaching other languages like French, German, Spanish and Japanese to students keen on settling abroad.



Central Computing Centre

A sprawling 5000 Sq.Ft. Central Computing Centre boasts of numerous HCL high-speed Desktops equipped with 18.5" TFT monitors, running on Microsoft's latest Operating Systems and software all connected on a Gbps LAN through a

high-speed Internet leased line, controlled by a central server.

Central Workshop

A spacious 10000 Sq.Ft. workshop provides basic training. It includes the following wings:

Carpentry including pattern shop, Welding shop, Fitting shop, Machine shop, Sheet metal shop, Smithy shop

Technology Laboratories

All the laboratories are Equipped with state-of-the art equipments, computers and that are fully calibrated for accuracy for strengthening of practical knowledge.

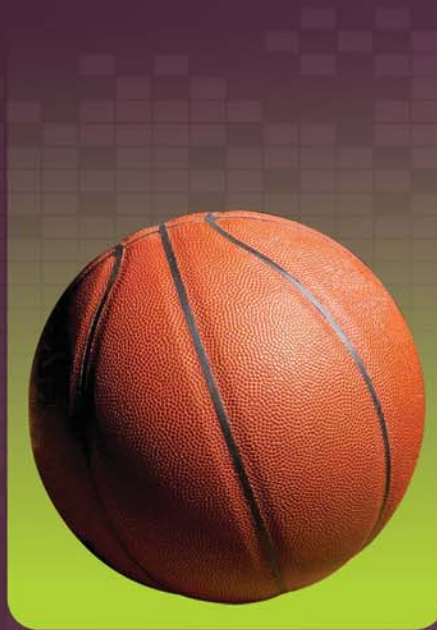




Gymnasium



Music



Sports



Quiz Contests, Debate

Grooming Individuals



Culture

To rejuvenate students after hectic college hours and to provide a forum for students to express their skills, talents and ideas in different fields, a host of activities are encouraged and promoted. These include writing in a wall magazine, theatre, antakshari competitions, quiz contests, debate et al.

Sports

Rest, recreation and extracurricular activities are essential for formal education for all-round growth. For sports, facilities like a play ground, tennis court, basket ball court, modern swimming pool, gymnasium and other sports facilities along with a lawn are available.

Accommodation

Boys' hostel

Accommodation comprises of single/ double beds with an attached bathroom or 3/6 beds with a common bathroom in the boys hostel. Vegetarian and Non Vegetarian menu is offered and the same food is shared by faculty and management to maintain the quality. Visiting room is available for guardians to meet their wards.

facilities like TV, movie shows, yoga, beautician, washing and ironing facilities, round the clock warden are among the few general facilities available inside the girls hostel.

Principal's bungalow

The Principal's bungalow is strategically located near the girl's hostel to ensure enhanced safety.

Girls' hostel

A room with 2 beds and an attached bathroom or a room with 3 to 4 beds with a common bathroom is on offer in the hostel. A huge open space is provided inside the girls hostel to be utilized as badminton and volleyball court exclusive for girls. Other

Guest house

A proposed guesthouse with modern amenities for visiting parents, guests and faculties is on the anvil. The idea is to enable visiting parents to have an insight into the daily functioning of the entire institute and interact with their wards after college hours.





Management

Approved by AICTE & affiliated to WBSCTE

Master of Business Administration (MBA)

Globalization, deregulation, consumerism and technology have changed the business landscape and an MBA has become essential in this global environment. The market and the competition is no more local. Distance has become irrelevant in the business context and consumer can demand and acquire the best of products and services from any part of the world. Business management skills are essential to manage this changing and global environment, which is provided by the MBA course at BBIT. The course provided is a two-year full time programme; spread over four semesters leading to a Master of Business Administration degree. The most notable features of the programme are its flexibility and objectives of providing a genuinely broad based education. Students are given an opportunity to improve

their communication skills in a well-equipped, modern language laboratory with computers and cassettes. Annual Seminar, CEO series of guest lectures, business simulation games, personal growth laboratory, psychological profiling and personality development workshops ensures all round development for students.

Features

- A 2 Year Full-time Programme
- Approved by AICTE & affiliated to WBUT
- Dual Specialization in – Marketing, Finance, Human Resource, Systems, Health Care Service Administration
- Compulsory Summer Internship
- Affordable Course Fees & Bank Loan Facility and Need Performance based Scholarship.

Teaching methods

- Award Winning Faculty from IIMs & IITs
- Unique Teaching Pedagogy
- Case Study & Presentation, Simulation Games & Role Playing, Brainstorming Sessions for Business Idea Generation, Live Projects to complement Classroom Learning,
- Innovative Curriculum and Real Business Experience
- Industrial Visits and Seminars & Regular Lecture Session from Industry Experts
- Individual Coaching and Care



with Dedicated Mentors

- Special Classes for – Communicative English, Personality Development, Grooming & Soft Skills, Foreign Language
- Dedicated Entrepreneurship Cell
- Everyday Practical Exposure in Workshops & Labs

Eligibility Criteria (Management)

- A Graduation degree (10 + 2 + 3) in any discipline from a UGC recognized University
- A valid MAT/ JEMAT score
- Candidates expecting the final year of degree examination result by September 2011 may also apply
- Candidates with work experience will get preference
- Candidates will be selected on the basis of a Group Discussion and Personal Interview



Bachelor of Technology

Approved by AICTE & affiliated to WBSCTE



Department of Civil Engineering

The Civil Engineering Department helps students acquire basic intellectual and organizational skills, required for planning, designing and executing structural work. Civil Engineers have to deal with a wide variety of engineering tasks which include designing, supervising and executing work on roads, bridges, buildings, airports, dams, ports, waterworks etc. Our broad curriculum introduces the undergraduate to a range

of problem solving approaches encountered by Civil Engineers such as structures, foundation construction, hydraulics, sewerage works management, irrigation engineering etc. The survey camps and practical training during vacations help the students to ascertain the actual problems and attain skills to solve these. The curriculum covers structural engineering, transportation engineering, irrigation and hydraulic

engineering, soil mechanics and foundation engineering, environmental engineering and construction technology and management.

Major Laboratories

- Stress Analysis, Highway Materials, Photogrammetric, Traffic and Transportation, Structural Engineering, Surveying, Fluid Mechanics

Department of Electrical Engineering

The Electrical Engineering Department offers an undergraduate programme, framed keeping the technological requirements of the electrical and associated industries in mind. The objective is to groom our students and update them with the latest developments. Seminars are conducted periodically by eminent personalities in this field.

Placing students in various companies during vacations provides industry exposure.

Major Laboratories

- Basic Electrical, Electrical & Electronic Measurement, Electrical Machines, Digital Electronics & Integrated Circuits, Power Electronics, Electric Drives,

Microprocessor & Applications, Power Systems, Control Systems, Analog Electronic Circuits, Thermal Power Engineering, Multimedia, Electrical Machine Design, Circuits & Networks, Data Structure, Numerical Method & Programming.





Dept. of Electronics & Communication Engineering

This department imparts thorough knowledge in the areas of materials, components and processes in electronic devices and circuits, applied and industrial electronics, field propagation and antenna systems, electronic measurements, micro-wave engineering, instrumentation and communication systems, control systems, television engineering, radar engineering, microprocessors etc. To aid this effort it employs various sophisticated equipments such as 20 MHz double-beam oscilloscopes, frequency generators, function generators, pulse generators etc. Various ICs and microprocessors are also available in the

laboratories. Frequent seminars by eminent professionals as well as industrial training and visits are also arranged for students

Major Laboratories

- Analog Electronic Circuits, Digital Electronics & Integrated Circuits, Analog Communication, Electronic Measurements & Instrumentation, Circuit & Network, Propagation & Antenna, Audio & Video Engineering, Linear & Digital Control System, Micro processor & Micro controller, Electronic Design, Microwave Engineering, Digital Comm. Systems, Digital Signal Processing, VLSI Design.



Department of Computer Science & Engineering

The Department of Computer Science & Engineering seeks to produce well-qualified engineers with the help of a highly qualified and experienced faculty backed by computers, servers, multimedia kits etc. To conduct the course and for systematic training a number of software packages have been procured. All computers are LAN collected with Internet connectivity. Frequent seminars by eminent professionals as well as industrial training and visits are arranged for students to ensure adequate exposure to areas of specialization in both hardware and in software.

Major Laboratories

- Data Structures, Digital Electronics & Logic Design, Programming Practice, Circuit & Networks, Operation Research, Computer Architecture & Organisation, Communication Engineering, Operating System, Database Management System, Microprocessor & Micro controllers, Control System, Computer Network, Computer Graphics & Multimedia, System Software & Administration, Object Technology, Artificial Intelligence, Visual Programming and Web Technology.



Mech Depart.

Mechanical Engineering is the discipline of engineering that applies the principles of Physics and Material Science for analysis, designing, manufacturing and maintenance of mechanical systems. It is the branch of engineering that involves the production and usage of heat and mechanical power for the design, production, and operation of machines and tools.

This field requires a solid understanding of core concepts including mechanics, kinematics, thermodynamics, material science



and structural analysis. Mechanical Engineers use these core principles along with tools like computer-aided engineering and product management to design and analyze manufacturing plants, industrial equipments and machinery, heating and cooling systems, motor vehicles, aircraft, robotics and more. The subject has continually evolved to



incorporate advancements in technology and Mechanical Engineers today are pursuing developments in such fields as composites, mechatronics, and nanotechnology.

Major Laboratories

- * Graphics, Manufacturing Process, Electrical Machine, Fluid Mechanics, Measurement & Instrumentation, Thermal Engineering, Strength of Materials, CAD-CAM, Dynamics of Machine, Mechatronics.

Eligibility Criteria (Engineering)

- A minimum requisite aggregate of 45% marks in Physics, Chemistry and Mathematics in Higher Secondary or equivalent Examination.
- Passed the West Bengal Joint Entrance Examination or AIEEE Examination in the current year and have to be recommended by the Central Selection Committee.



Diploma Programme

Approved by AICTE & affiliated to WBSCTE

Engineering and Technology

In India there has been a phenomenal increase in the number of Technical Institutions both at the Degree and at the Diploma level since independence.

- No section of the students



community can be ignored/overlooked in so far as their inherent potentialities are concerned. Even the Secondary level students aspire to find their place of worth in the society and community at large. Polytechnic College at the Technical Campus provides facilities where the students passing out from Madhyamik or equivalent examination will have the opportunity to study 6 semesters

Diploma Programme in the areas of Mechanical Engineering, Electrical Engineering, Civil Engineering, Electronics & Telecommunication Engineering and Computer Science & Technology. Each of these streams has 60 nos. of intake capacity at our Polytechnic.

- Curricular Components of Diploma Programmes in Engineering & Technology

The Diploma Programmes in Engineering & Technology shall consist of curricular component comprising courses in general studies, Applied Sciences, Basic Courses in Engineering & Technology, Inter disciplinary courses in Engineering & Technology, Applied Courses in Engineering & Technology (Departmental Core).

■ Eligibility & Selection Criterion:

Candidates who have passed Madhyamik (10+) Examination of

the West Bengal Board of Secondary Education or any other equivalent examination from any school approved by the WBSCTE are eligible for admission to full-time Diploma Course. Selection for admission to the full-time Diploma Courses in different polytechnics of West Bengal Affiliated to the WBSCTE other than the district of Darjeeling is made on the basis of merit in the following mode:

- 60% of the allotted seats are filled up on the basis of the merit list published by the "Joint Entrance Examination for Admission to State Polytechnics" conducted by the "West Bengal State Council of Technical Education" (Named as 'JEXPO');
- Remaining 40% of the allotted seats are filled up on the basis of marks obtained in Madhyamik or its equivalent or any other examination approved by the

WBSCTE, which is called as 'POLY-40'. These seats are filled up on the basis of district wise quota.

Counselling of JEXPO applied students are done through Central Selection Committee while the same for POLY-40 applied students are done through Zone-wise Selection Committee. On the basis of recommendation of the Selection Committee, the students are admitted into the polytechnic.

■ The Other Five Diploma Courses:

1. Diploma in Civil Engineering
2. Diploma in Mechanical Engineering
3. Diploma in Electrical Engineering
4. Diploma in Electronics & Communication Engineering
5. Diploma in Computer Science Engineering

The Guiding Lights

Faculty



Dr. Tapan Kr. Chatterjee

DEAN & HOD – ME

- B.M.E., M.M.E, Ph. D, FIE (India)
- Former Head of Department of Mechanical Engineering at Jadavpur University
- Former Professor at Lamar University, Texas, USA
- Former Director of the Institute of Business Management under National Council of Education, Bengal.
- Recipient of President's Gold Medal from Institution of Engineers (India) for one of his Publications
- Member of Technical Expert Committee of AICTE.

Dr. Amalendu Ghosh

HOD – CE

- B.E, M.E., Ph.D in Civil Engineering.
- Former Professor and Head of the Department of Civil Engineering, BESU (Shibpur)
- He has a long forty four years of teaching and research experience

- He has large number of publications in his own field in National and International level and attended many conferences & workshops
- He has handled various projects particularly in the development and application of jute geotextiles.
- Member of Technical Expert Committee of AICTE.

Mr. Subir Bhattacharyya

HOD – EE

- B.E, M.E, BESU (Shibpur), Ph.D (pursuing from BESU)
- Former Professor and HOD, Dr. B.C.Roy Collage of Engineering and Technology, Durgapur.
- He served various industrial sectors in the capacity of Design Executive, Quality Assurance Executive, Senior Executive and In-charge of Business Development for various Industrial products.
- He also worked as Consultant in Bhutan for the erection and supervision of a 132 KV/33K substation.
- He worked as ISO-auditor in

Crompton Greaves Limited and carried out energy audit in different industries.

Dr. Arun Kr Mondal

HOD – ECE

- B.Sc., B.Tech., M.E., Ph.D
- Former Professor and Head of the Department of Electronics & Communication Engineering, in Guru Nanak Institute of Technology.
- With 21 years of teaching experience in Electronics & Communication Engineering.
- He has good number of research paper published in National and International in his credit.

Mr. Kartik Sau

HOD of – CSE

- B.Sc., M.Sc. [I.I.T. - Kharagpur], M. Tech [ISM, Dhanbad], Ph.D. (Pursuing on Image Processing and its Application.)
- Former Associate Professor of IEM, Salt lake.

- Former Junior Research Fellow of ISI
- Recipient of National Scholarship from Ministry of Human Resource & Development, Govt. of India.

Dr. Sankar Chandra Ghosh

HOD – Mathematics

- M.Sc., Ph.D., Statistical Fluid Mechanics, Applied Mathematics from Jadavpur University
- Former Professor of Mathematics, WBUT
- He has 12 years of teaching experience along with 20 years research experience.
- He is guiding students working in the area of application of Fuzzy Logic to Computer Science.
- Published 12 papers in National and International Journals and is the author of a book on Non-Euclidean Geometry and Introduction to General Theory of Relativity
- He is a general body member of Indian Statistical Institute, Kolkata, and a Life member of Calcutta Mathematical Society.

Dr. Mrinal Kanti Mukherjee**HOD – Physics**

- M.Sc. [Pure Physics], Ph.D.
- Former Head of the Department of Physics, Ramakrishna Mission Vidyamandira, Belur Math.
- He has 37 years of Teaching and 7 years of Research experience. A good number of research papers have been published in his credit.

Dr. Siladitya Bandyopadhyay**HOD – Chemistry**

- B.Sc., M.Sc., Ph.D.
- Former Lecturer in Jadavpur University
- Former Lecturer Vidyasagar University
- He has teaching and research experience in the field of Extractive Metallurgy and processing of Ceramic powders and fibers. He has 10 publications in Internationally

reputed journals along with 02 Indian patents in his discipline.

Ms. Priyanka Chatterjee**HOD – Humanities**

- BA, MA, is doing her M. Phil. from University of Calcutta in English Literature.
- Represented Asia as a speaker at University of Oxford in an International Conference.
- She was the only delegate from India who has participated and presented a paper in University of Gdansk, Poland's International conferencet.
- She was also invited to present a paper on Samuel, Backett in International Federation for theatre Research (IFTR) Annual Conference at Osaka University, Japan in August, 2011
- She has many national and international publications.

Dr. Tapas Sadhu**Professor - CE**

- B. Tech. M.Tech., (IIT, Kharagpur), Ph. D, (Jadavpur University)
- PGDBM, Institute of Modern Management, Kolkata
- A civil engineer with 28 years of experience in Project Management & Construction in the relevant field.
- He worked as Technical Director and Head of Construction Division of a reputed firm.
- He has published number of technical papers in the Indian and International Journal.
- Empanelled Structural Engineer of Kolkata Municipal Corporation.
- Member, Indian Roads Congress.

Mr. Bankim Pattanayak**Professor - ME**

- B.Tech. [I.I.T., Kanpur], M.Tech. [I.I.T., Kanpur]

- Former GM-Operations Mech Electro Systems Ltd., Kolkata
- Former Chief Manager-QA, Siemens Ltd., Kolkata

Mr. Dipak Kumar Shaw**Asst. Professor – EE**

- B.Tech. M.E.E. (Jadavpur University)
- He has worked as Lecturer in Electrical Engineering Department of Ghanashyam Hemalata Institute of Technology and Management, Puri for a few years.

Mr. Champak Adhikari**Asst. Professor – ECE**

- B.Tech. M.Tech.
- He has specialization in Micro electronics and VLSI Technology.

Ms. Nibedita Mukherjee**Asst. Professor - ECE**

- B.Tech, M.Tech in Advanced Materials Science and Technology from NIT, Durgapur.
- She served as lecturer for about 2 years in the field of Electronics.

Ms. Tuhina Halder**Asst. Professor - ECE**

- B.Sc (H) course in Physics from Lady Brabourne College, B.Tech., M.Tech in Radio Physics and Electronics Stream..
- She worked as part time Lecturer for a brief spell in New Alipore College She joined ECE Department of Pailan College of Management & Technology

Dr. Vibha Mishra**Asst. Professor – MATH**

- M.Sc. (Mathematics), M. Phil. in Mathematics, Ph.D. (Pursuing)
- She has 5 year teaching experience and 4 years of Research experience,
- Published a good number of research papers in national and international journals.

Mr. Asit Paria**Asst. Professor – MATH**

- M.Sc.
- He has around 3 years of teaching experience in the undergraduate level.

Ms. Ananya Basu**Asst. Professor – CSE**

- B.Tech. M.Tech.
- She has working experience in industry in a Mainframe Platform.

Ms. Monika Bhandari**Asst. Professor – CSE**

- B.E. (IT-Rajasthan University), M.Tech (MNIT-Jaipur)
- She has served as lecturer in IT and SIT, Jaipur for a brief period, RCEW, Jaipur.
- Worked as Asst. Professor in the department of Computer Science & Engineering in Central University of Rajasthan.
- Participated in National Level Workshop organised by GOI at Delhi.
- She was also one of the members of National Level Technical Festival at Bhankrota, Jaipur.
- Published few national papers.

Ms. Soumi Bhattacharyya**Asst. Professor – CE**

- B.Tech (WBUT), M.E. (BESU)
- She was associated with various projects including those of M/s. ONGC before joining this Institute.

Mr. Subhadeep Metya**Asst. Professor – CE**

- B.Tech (WBUT), M.Tech (BESU)
- He is a winner of University (WBUT) Gold Medal in Civil Engineering in 2008.
- Worked as Design Engineer for one year in industry.

Ms. Sneha Murmu**Asst. Professor – CE**

- B.E. (BESU), M.E. (BESU)
- Her area of specialisation is Water Resource Engineering.

Ms. Snigdha Saha**Asst. Professor – CE**

- B.E. (BESU), M.E. (BESU)
- She has specialization in the field of Structural Engineering.

Mr. Sanjib Kundu**Asst. Professor – ME**

- B.Tech (WBUT), M.Tech (WBUT)
- Mr. Kundu is a GATE qualified faculty in the department of Mechanical Engineering.
- His academic record is good although his educational career. His area of specialisation is Production Engineering.
- Published one paper and attended one Seminar and International Conference.

Mr. Hriday Ranjan Gupta**Asst. Professor – ME**

- B.E. (North Bengal University), M.M.E. (J.U.), F.I.E.
- Elected Active Member of NewYork Academy of Science
- He is also having 7 years of teaching experience
- He has 4 publications.

Ms. Srimanti Roy Choudhury**Asst. Professor – EE**

- B.Tech (Jalpaiguri Govt. College), M.Tech (C.U.)
- She has two years of teaching experiences in her field of specialisation and published one paper.

Mr. Souvik Mandal**Asst. Professor – ECE**

- B.Tech, M.Tech. from Jadavpur University in the year 2010
- He also worked as Asst. Professor (Electronics & Communication Engineering) for few years at Guru Nanak Institute of Technology, Sodepur.

Ms. Nilanjana Gangopadhyay**Asst. Professor – Math**

- M.Sc., Ph.D (Pursuing)
- She has 10 years of teaching experience and 3 years in research activities.
- She has specialization in Solid Mechanics.

- She has taught both in the UG & PG Level.
- Published one paper in International Journal and one paper have been accepted in Indian Journal of Theoretical Physics.

Ms. Gadadhar Banerjee**Asst. Professor – Math**

- M.Sc. (IIT - Kharagpur)
- He is having one year teaching experience in his discipline.

Ms. Baisakhi Mal**Asst. Professor – Physics**

- M.Sc. (J.U.), Ph.D (J.U., pursuing)
- She has participated in an International Conference and attended a few seminars and presented or poster.

Ms. Arijit Dey**Asst. Professor – CSE**

- B.Tech (WBUT), M.E. (BESU)
- He has GATE qualified having one year teaching experience and two years industry experiences in his field.

Ms. Monisikha Mukherjee**Asst. Professor – ENGLISH**

- M.A. (C.U.)
- She has around 5 years of teaching experiences in his discipline.

Dr. Supriya Dutta**Asst. Professor – Chemistry**

- B.Sc., M.Sc., Ph.D (JU)
- He qualified GATE in 2001 and NET in 2003 respectively.
- Published as many as 20 Nos. of papers in National and International proceedings / journals. Earliest,
- He was associated with Indian Cultivation of Sciences, Jadavpur as Research Associate.

Mr. Shashi Prakash**Asst. Professor – ME**

- B.Sc., M.Sc., Ph.D (JU)
- He qualified GATE in 2001 and NET in 2003 respectively.

- Published as many as 20 Nos. of papers in National and International proceedings / journals. Earliest,
- He was associated with Indian Cultivation of Sciences, Jadavpur as Research Associate.

Mr. Sourav Sadhukhan**Asst. Professor – Chemistry**

- B.Sc., M.Sc. in Organic Chemistry
- Faculty member in Chemistry Department, BBIT. He has one year industry experience.

Mr. Arindam Saha**Asst. Professor – ECE**

- B.Sc (H) in Electronics , M.Sc in Electronic Science from C.U., M.Tech in Microelectronics.
- Served Sonarpur Mahavidyalaya in the Department of Computer Science for 2 years
- Associated with Sawmilani Mahavidyalaya Department of Computer Science for 2 years

Rules and Regulations

Anti Ragging & Women Harassment Redressal

The Board of Governors deems it prudent to maintain a serene atmosphere throughout the entire campus so as to ensure a conducive environment for academic pursuit. Therefore, it is a moral obligation on the part of the Authorities to maintain discipline and prevent any act of violence, ragging, harassment, etc. and to bring to task, as per law of the land any person found guilty.

Anti Ragging Cell

Ragging is prohibited as per the decision of the Supreme Court of India's Writ Petition No. © 656/1998. In compliance with the Supreme Court directive, BBIT ensures a ragging-free peaceful environment. Any untoward incident or act of incident even of minor nature causing physical or mental

injuries will be severely dealt with. The College strictly abides by the following recommendation of the Raghavan Committee, which states: " If any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution."

To prevent ragging in the campus and to punish the accused, an Anti Ragging Cell has been formed with Director of the Institute as head, Principal and HODs as members and Deputy Registrar as the convener.

Women Harassment Redressal Cell

For adequate protection from harassment of girl students and women faculty and staff in the campus of BBIT, a Women Harassment Redressal Cell has been

set up as per the guidelines formulated by AICTE. This cell will be headed by Mrs. Shubhangi Gupta with two ladies from the faculty/ staff along with the Chairman of the Institute as members

Disciplinary Committee

To maintain discipline in the Institute, a Disciplinary Committee looks into any act or incidence of indiscipline among the students and others. The Chairman of the Institute heads the committee with Principals and HODs as members and Deputy Registrar as the convener.





Women's are Facilitated for
education in BBIT.

Boys are our strength but

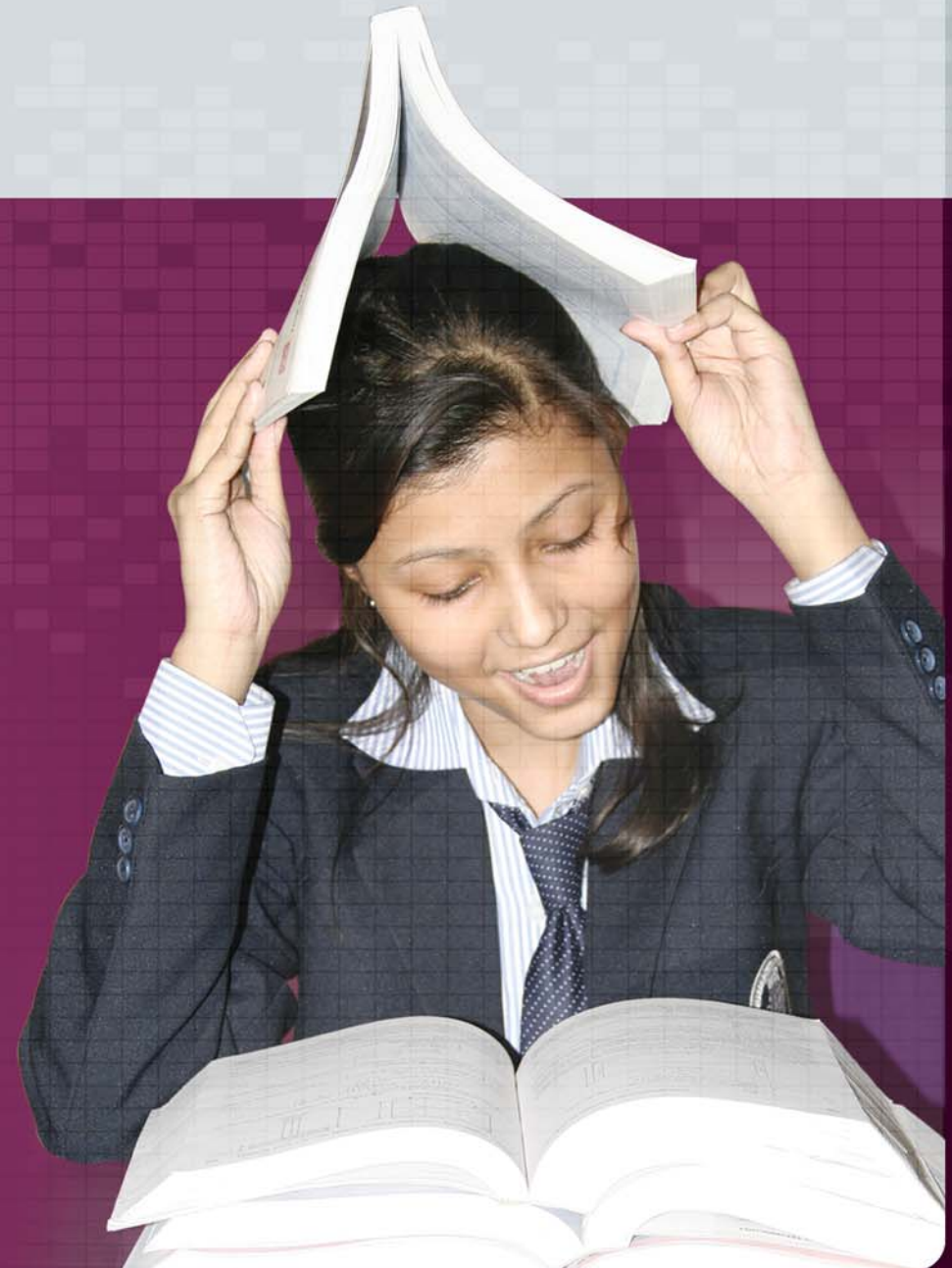
**Girls are
Our Pride**

and are highly appreciated
in BBIT.

For Her

BBIT has:

- Excellent hostel facilities for girls
- A fully integrated Wi-Fi campus
- Wardens in shifts (12x2 Hrs.)
- Airy rooms with attached bathrooms & dining facility
- Hot & Cold water
- Additional classes for Competitive Examinations
- Library, Digital Library & Computer facilities after class hours
- Special Yoga & Aerobics classes are but a few to mention



Giving Shape to Future

Placement

The Institute has a well organized and well equipped Training and Placement Assistance Cell (TPAC) under the able guidance of Mr. R. A. Swaminathan - B.Sc. (Engg.), MBA, PGDHRM, AMFI, IRDA certified, who has served organizations like Techno-Electric & Engineering Co. Ltd., Eastern Financiers Ltd., BiectoLawrie Ltd., Balmer Lawrie & Co. Ltd., for around 40 years. The

institute also provides a large hall of about 1700 sq. ft. dedicated to pre-placement talks and selection tests.

BBIT recognizes that students come to study as a step towards building a career; therefore, to improve prospects the institute employs reputed professionals to conduct special training programmes in English Communication, Group

Discussion and Personality Development skills.

The institute further plans to set up a Industry Institute Partnership Cell (IIPC), by inviting several industrialists for interactive sessions with the students as well as solve industrial problems for organisations in Eastern India.

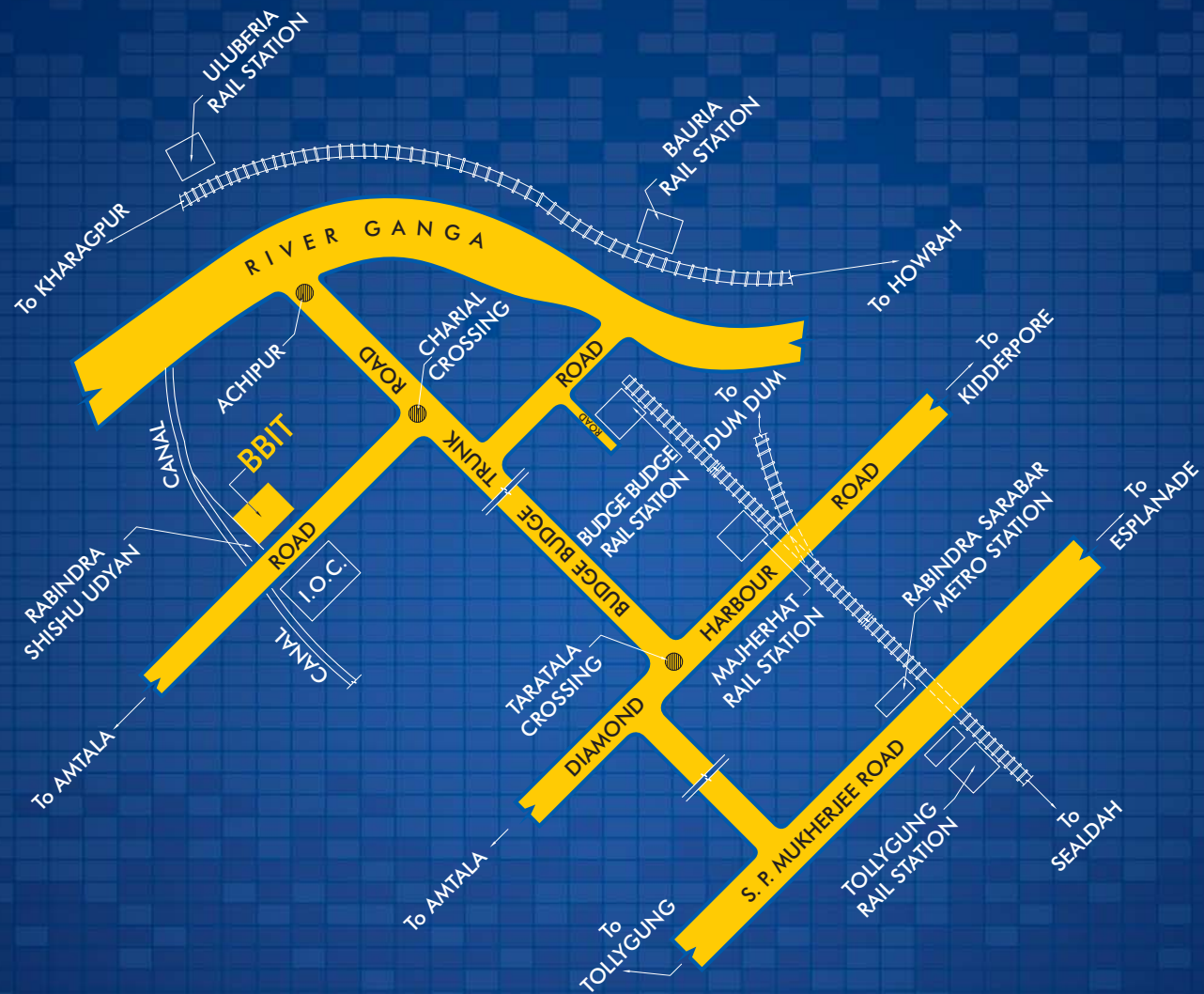


Industry Links

The Institute has strong links with many of Eastern India's leading

- Indian Oil Corporation
– Refinery & LPG Division
- Kolkata Port Trust
- Haldia Dock Complex
- Tata Steel
– Jamshedpur
- CESC Ltd.
- WIPRO BPO
- West Bengal State Electricity Distribution Co. Ltd.
- ITC Limited
- Ichapur Rifle Factory
- Solitaire Project Limited
- Phoenix Yule
- CRI Ltd.
- Andrew Yule Ltd.
- Mitsubishi India Service Ltd.
– Haldia
- Infinity Infotech Parks Limited
- Kamarhatty Company Limited
- Alom Poly Extrusions Limited
- Gloster Limited
- Eastern Financiers Limited
- EF Insurance Broking Pvt. Ltd.
- Army U. E. S.
- IXIA Technologies Limited
- KEC International Limited
- HCL Infosystems





Budge Budge Institute of Technology



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