



**BUDGE BUDGE INSTITUTE
OF TECHNOLOGY**

www.bbit.edu.in



*Uncover
your potentials!*





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 how far you can fly. The Budge Budge Institute of Technology prepares students to launch themselves into successful careers by imparting academic, technical and personality training of the highest order.



The Jagannath Gupta Family Trust

Working For A Better world



We are all born with the potential to succeed. The purpose of education is to uncover the potentials and in each provide young minds with the skills to flourish in the adult world. In this process the final years of learning are most critical for they will determine how far you can fly. Budge Budge Institute of Technology prepares students to launch themselves with successful careers by imparting academic, technical and personality training of the highest order.

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 the society and include professionals and social activists. Its role is to oversee BBIT like a deep

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 center in this region to meet the growing needs of our great nation. We can achieve this together with your help, encouragement and our commitment towards the sacred body of knowledge. We wish to fulfill this dream by having established a technical institute 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 IIT, IIM, Jadavpur University, Calcutta University, NIT and other educational and industrial organizations.

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

We feel proud in associating ourselves with not only you, but also with 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, gender, 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 value to serve industry as well as society. At the same time, I would expect that, in completing your course curricula, you would attain global leadership qualities as expected from technical professional.

I wish you all the best.
Warm regards,

Sri Jagannath Gupta
Chairman, BBIT

Wisdom And Responsibility

Business Ventures

Organization	Type
1. Bharat Lub Industries Pvt. Ltd	Manufacturing of Lubricating Oil & Greases
2. JKB Gas Pvt. Ltd.	Manufacturing of LPG Cylinders
3. Bristol Petroleum Pvt. Ltd.	Refining & Recycling of Oil
4. A J Trading Pvt. Ltd.	Import-Export
5. BOOM Commercial Pvt. Ltd.	Real Estate

Social Initiatives

Organization	Type
1. Jagannath Gupta Hospital	900 beds
2. Gulabi Raj Shyamlal Memorial Eye Hospital	50 bed Specialized Eye Hospital
3. ARATI Nursing & Diagnostic Center	60 bed Hospital
4. Jagannath Gupta Lotus Kindergarten School	Education
5. Primary School at Charial	Education
6. BBIT Public School	

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 realize the full potential of knowledge through universal education and research so as to foster a new era of development and growth through innovations.

Mission

To open new horizons of knowledge and to promote academic growth by offering state-of-the-art undergraduate, postgraduate and research programmes.

To keep pace with regional, national and global needs.

To play a pioneering role in shaping future generations through collaboration between academia and industry as well as between different national and international institutions.

The Governing Body

Padmashree Prof. (Dr.) K. L. Chopra

Chairman nominated by the Trust. Technical Person
FNA, FASc, FNASc, FNAE, D.Sc. (hc)
Former Director of IIT – Kharagpur
Recepients of S.S. Bhatnagar Prize, Bhaba Awards
Aryabhata Gold Medal, FICCI Awards

Shri Utpal Sinha (IAS)

Member nominated by the Trust

Traffic Manager, Kolkata Port Trust

Prof. (Dr.) Gautam Gangopadhyay

Associate Director, BBIT
Faculty nominee from regular staff at Professor level

Shri Jagannath Gupta

Chairman of the Trust
Chairman, BBIT
Industrialist – JKB Gas Pvt. Ltd.
Bharat Lub Industries Pvt. Ltd.

Dr. Shubhangi Gupta

Executive Director, BBIT, Trustee

Shri Sajal Dasgupta

Nominee of the state Govt.
Directorate of Technical Education

Shri K.K. Gupta

Vice Chairman, BBIT, Trustee
Director, JKB Gas Pvt. Ltd.
Bharat Lub Industries Pvt. Ltd.

Prof. (Dr.) C.V Reddy

Director & Member Secretary

Former Vcie Chancellor, OU,
Indore, MP

Mr. Tapas Satapathi

Registrar, BBIT
Member nominated by the Trust

Dr. Balram Gupta

Trustee

MBBS, MD (New York
University, USA)

The Governing Body

Shri Yaswant Mishra

Industrialist from the region

St. Jt. President & Marketing Head
M/s. Mangalam Cement Ltd.

M/s. Kesoram Cement

M/s. Vasavadatta Cement (B. K.
Birla Group of Industries)

Prof. (Dr.) Siladitya Bandyopadhyay

Dean of Students and HOD – Chemistry Dept.
Faculty nominee from the regular staff

Shri Sachchidanand Rai

Technologist from the region
Managing Director, Eden City Group

Prof. (Dr.) Rajdeep Bakshi

Dean, MBA

Career Speaker, Educationist,
Columnist

Member of Reseach Board and
Syllabus Commitee of MAKAUT
(Formerly known as WBUT)

Shri Kaushik Mondal

Technologist from the region

Manager, Talent Management,
ITC Infotech India Ltd.

Mr. Debjit Chakraborty

Educationist / Technologist from
the region

Asst. Vice President, Enterprise
Business Solutions

Mahindra Satyam

Gp. Capt. Vijay Kumar Koushal

Educationist from the region
Principal, sainik School,Purulia

Prof. (Dr.) N. C. Dey Sarker

Principal – Polytechnic, BBIT

Mr. Chandan Chowdhury

Technologist from the region

President, Supreme Infrastruture
India Ltd.

Ms. Atreyi Banerjee

Technologist from the region
Manager, HR Tech Mahidra Lrd.

Shri Debasis Bhattacharya

Nominee of the Affiliating University,
MAKAUT (Formerly known as WBUT)

Shri D. P. Jana

Member nominated by the Trust Ex-Vice
Chairman, West Bengal Housing Board

The Advisory Body

Padmashree Prof. (Dr) K. L. Chopra



"I am glad about the fact that BBIT has come up very fast in a relatively very short span of time in introducing management, technical and engineering education 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 the movement. It is heartening to note that the college has obtained the approval and affiliation from AICTE and WBUT/WBSCTE respectively as a technical campus.

As per the guidelines of MHRD, an engineering and management polytechnic college is to emerged amidst the Industrial Environment and this college has come up in a developing industrial hub and thereby will create a place of better learning along with being a place of teaching.

I also feel proud for being associated with this engineering 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 an educational center per excellence."

Padmashree Prof. (Dr.) K. L. Chopra
FNA, FASc, FNASc, FNAE, D.Sc.(hc)
Former Director, Indian Institute of Technology, Kharagpur
Recipients of S. S. Bhatnagar Prize, Bhaba Awards
Aryabhata Gold Medal, FICCI Awards

Prof. (Dr.) Rupen Chakrabarti



Academic Advisor and Head, Electrical Engineering Department **M.Tech (CU), M.E. (JU), Ph.D. (JU)** Former HOD, EE Dept., Jadavpur University. Former Chairman of Placement Committee, Jadavpur University

Budge Budge Institute of Technology, an engineering and management institute, is growing

steadily, promising a bright future for its students. I am happy to be associated with BBIT and am sure that with sincere and honest efforts of the management, soon the objective of creating an excellent center for technical education would be achieved.

Mr. Indrajit De



"Wondrous to see a college at Budge Budge. BBIT is teaching courses which can be compared only to institutes of national repute like IITs and IIMs and also with some institutes situated at the USA. Its infrastructure can be matched only with premier institutes and the 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 from BBIT will be have a 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

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

Prof. (Dr.) Dipak Chatterjee



Additional Director, BBIT. Former Principal of IEM, Kolkata

BBIT is dedicated to excellence in undergraduate and graduate education amongst all the technical institution in West Bengal. Our goal is to provide a mutually respectful environment to advance learning and the pursuit of knowledge, and to foster intellectual curiosity and integrity in all

aspects of technical education. Our focus is on educating future professionals in the areas of engineering while building their leadership skills and setting a high standard of performance.

Mr. Joydeep Bhattacharya



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

From The Directors' Desk

Prof. (Dr.) C. V. Reddy | Director, BBIT



B.E., M.Tech, Ph.D,M.CI, M.ISTE, M.IE, F.IIPE, M.SESI, M.IEEE, F.IETE, M.ASEE

Former Vice Chancellor, OU, Indore, MP
Director, BBIT

Every year over 15 lakhs engineers graduate (passout) from engineering colleges, only <15% get jobs. In order to overcome this difficulty few colleges are adopting globally practical methodologies to improve the success-rate of graduating students. Globalization is the buzzword today and the

near future to come. Due to all these, the current way of learning needs to be honed & our future – generation (our students) must be trained by adopting some innovative methodologies like; Project –based learning right from the first year.

“Give a man a fish; you have fed him for today. Teach a man how to catch a fish; and you have fed him for a lifetime” – Author unknown

Professional education – Building Engineers and Managers is an extremely demanding process. This process has to be designed, developed and implemented in order to make all “Our Students” into “True Professionals” sought by the industry in particular, society in general. We, at “BBIT” are committed to this mammoth task of building careers of our future generation. I wish on behalf of all my Colleagues and Management A HAPPY LEARNING @ BBIT.

From The Executive Directors' Desk

Dr. Shubhangi Gupta | Executive Director



Our Institute is under the leadership of our Chairman - Sri Jagannath Gupta, an experienced industrialist and philanthropist and the able guidance of none other than Padmashree Dr. K. L. Chopra, Former Director of I.I.T Kharagpur. Besides, we have experienced Trustees, Advisory Boards and Governing Body who are always guiding, supporting and appreciating our endeavors.

We started this coveted, technical institute one of its kind technical institutes in the Industrial vicinity of Budge Budge in 2009 with an intake of 60 students each in the B.Tech Program in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Communication Engineering and Computer Science & Engineering respectively and the Master of Business Administration (MBA) Program. However, within the last few years a huge infrastructure has been built by the management which has culminated into a Technical Campus which also boasts of Polytechnic Program in Civil Engineering, Mechanical Engineering, Electrical Engineering, Electronics & Tele - Communication Engineering and Computer Science & Technology with an intake of 60 students each

stream. Not only that, right from the very first year, the students of BBIT are getting regular industrial exposure to familiarize themselves with the industrial environment as such.

BBIT has shown a keen interest in providing quality faculty members to its students. Most of the faculty members are Ph.D. holders and not only that, they were associated with institutes like I.I. T., N.I.T., C.U., J.U., B.E.S.U. and soon. We also maintain the faculty - student ratio well below 1: 15, the stipulated norms of AICTE.

Special classes are also taken for the students who could not assimilate the subject during normal classes. Each faculty has been chosen as a mentor, to provide the students with a good counseling.

BBIT also takes care of the performances of its faculty members through continuous seminars and also with the evaluation which is done by the students.

To give the students future placements, BBIT has tied up with various industries through a placement officer, to provide the students with proper trainings and internship.

Since its initial year, BBIT has shown its inclination towards extra – curricular activities as well. Starting from organizing few fun - filled events on the Viswakarma Puja to Annual Sports, this Institute has established a niche for itself. It also regularly conducts its students' Fest, Verve with an active participation of all the members of the Institute.

The willingness to adapt to change in this fast changing world will take BBIT to an elevated level. It is a promise which is there within the members of this Institute which will be executed in the coming days.

From The Associate Directors' & Registrars' Desk

Prof. (Dr.) Gautam Gangopadhyay
Associate Director, BBIT



Budge Budge Institute of Technology (BBIT) aims at preparing the students joining this Institute to meet the growing challenges and changing needs of the industry by imparting high quality technical education. To achieve this, the Institute has inducted a team of full - time qualified faculty members in five important branches of engineering. The Institute is providing state of the art infrastructure to facilitate optimum resource allocation to each student in the areas of learning and specialization. BBIT is dedicated to act as the nurturing ground for young and future engineers

who seek to make a mark in their lives. We look forward to make our students not only good engineers but also responsible citizens and above all good human beings with the infusion of ethics, discipline and moral values. BBIT also strongly believes in providing a distinctive and relevant combination of academic skills and technical experience. This is a combination that is designed to lay the foundation in life for each student to become successful professionals. BBIT is acting as a true catalyst for the Indian industry and will always endeavor to fulfill the dreams of the budding engineers in designing their future.

With these few words I convey my best wishes to the new students joining BBIT and would sincerely hope that their studies in this Institute will prove to be fruitful for building up their career.

Wishing you all the best.

Prof. (Dr.) Gautam Gangopadhyay
Associate Director, BBIT
M.Tech, Ph.D., FIE, Chartered Engineer
38 years of Industry, Research and Teaching Experience
Former Principal of a Degree Engineering College, Kolkata
Ex Senior Member IEEE (USA), Commonwealth Scholar

Prof. Tapas Satapathi
Registrar, BBIT



The Registrar's Pen:

"You can't cross the sea merely by standing and staring at the water." Rabindranath Tagore

It is my deem privilege to serve BBIT, as a Registrar. I feel wonderful adopting and also playing the role as it provides me the platform to perform my duties with excellence towards the efficient and powerful management in the education sector. Education is very important and most contributing element not only for economic development but also for social appearance. Our administrative efficiency comes from

our dedicated team which plays significant roles from admissions to class schedules, and creating endless opportunities for the students to shape and make their carriers in the competitive environment.

We look forward to adding innovation to simplify excellence for the students. The excitement of discovery and innovation is also well spread in our team members that inspire me to create out of the box opportunities both for our team and also for the learners at BBIT. Discipline is our priority as I feel through discipline we can channelize the overflow of knowledge, talent and energy of the students from the 21st century. BBIT, is committed to delivering quality in quantity as quality is a dominant factor in every sector including the provision of being better each day in the field of education.

We strongly understand that the students of BBIT are well equipped to meet and deal with challenges and exceptionally command high values among the employers. We assure that the students have a nice time being associated with us. Considerate and friendly staff of this college aim to deliver and ease the life of today's learners and tomorrow's future of the nation.

Mr. Tapas Satapathi Registrar, BBIT

More than 20 years Experience in Industry as a Senior Executive 15 years Experience in Academics in various capacity.

Specialized orator in Career guidance and hosted various Career Awareness Programme in PAN India.

From The Deans' and Principals' Desk

Prof. (Dr.) Rajdeep Bakshi
Dean, MBA



Jet-Technology of today has made access 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. Budge Budge Institute of Technology is growing conscious of these promising trends and is doing the preeminent to cope with these smoldering challenges. Our management education is

innovative, entrepreneurial and with a difference from conventional approach. The students, faculty and staff of this highly reputed institution have a modern outlook even while revering value system of our motherland. The institute is promoted by the eminent Industrialists who have more than four and a 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 urging the candidates to have an unbeaten professional life.

Qualifications: B.A., M.B.A., Ph.D (Business Administration)
Career Speaker, Educationist, Columnist
Member of the Research Board and Syllabus Committee of WBUT for 9 years.
Experience: More than 10 years of academic and research experiences, have presented and published in different national and international seminar and journals respectively.
Associated with various prestigious Universities in different responsible capacities pertaining to Research Boards, Syllabus Committee and examinations

Prof. Dr. Siladitya Bandyopadhyay
Dean of Students, BBIT



The primary goal of Budge Budge Institute of Technology (BBIT) is to impart quality technical education. To live upto our academic procedures, commitment to quality education, solid management, continuous development and able administration we have raised our Institute's profile to an exemplary height in almost no time (Estd. 2009) and shaped its fantastic growth to achieve excellence. Here in BBIT we are proud of all that we have

accomplished till now in respect of the holistic development of our students and also confident of the future prospects that are open to both our students and staff. We stress on the importance of responsibility, integrity and honesty through commitment, discipline, insight and creativity.

We aim at developing highly skilled human resources for our students to adapt to the challenges of the corporate world both intellectually and technologically in the ever changing environment. I sincerely believe that with our given infrastructure students will make the best use of the opportunities that are showered to them to become competent professionals, entrepreneurs and great human beings in the near future.

Best wishes to all for a bright future! Dean of Students, BBIT

M.Sc., Ph.D.
Former Faculty Member at Jadavpur University.
Former Faculty at Vidyasagar University

Prof. (Dr.) N. C. Dey Sarker
Principal, Polytechnic



It gives me great pleasure to state that, Budge Budge Institute of Technology (BBIT) has rightly focused on the Polytechnic Course in order to specifically cater to the growing demands of the industry. In the Present scenario, BBIT, as an Institution has aimed to promote and encourage a student's conceptual knowledge on technical education along with practical experience. For achieving this, our institute has a well-knit family of full-time qualified faculty

members in five important branches of engineering. It is our Endeavour to educate our students focusing on all round personality development so that they can meet the growing challenges and changing needs of the industry. In addition to this, our institute provides ample facilities to students to take part in co-curricular and extra-curricular activities as well.

Here at BBIT, we look forward to grooming our students not only to become skilled engineers but also responsible citizens of the country and above all good human beings by infusing in them a strong sense of ethics, discipline, social and moral values. We strongly believe in providing a distinctive and relevant combination of academic skills and technical experience to our students that will lay the foundation of a student's career to become a true professional on successful completion of the course curricula.

With this brief overview of our institute, I would like to welcome the fresh batch of students joining BBIT. Hope their education in this institute will prove to be highly fruitful to build up a successful and illustrious career.

Prof. (Dr.) N. C. Dey Sarker
Principal, Polytechnic
B.E., M.E., Ph.D (JU),
30 years of Academic Excellence.
Head Examiner, WBUT for last 10 years.
Member of FOSET, IE, Society of Engineers.



Pillars Of Success

The success story of an institution is woven around its pillars, which support and facilitate 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 into 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 mark a true BBITian. traditions that mark a true BBITian.

In a larger context, BBIT intends to provide quality education on which the country can depend.

The curriculum keeps itself 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 people's quality of life.

Aims & Objectives

- » To provide 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 and give them a competitive edge
- » 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 upgradation
- » To encourage students and faculty members like 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 rejuvenate themselves after rigorous class hours.



Clinic

The Institute has a part time medical professional on all working days to provide free clinic and health checkup to 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 members.



Power backup

A 250 kVA d-g set ensures uninterrupted power supply to the entire campus in the event of an electrical breakdown.



State-of-the-Art-Infrastructure

Wi-Fi Campus

The entire campus has a Wi-Fi connectivity for easy access to 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 alike: LCD projector, Overhead projector, Cordless microphone with an amplifier and speakers as well as Interactive electronic boards are provided for effective teaching.

Central Library

The Central Library is located on the third floor of the Administrative Building. It is a 6,000 Sq.ft. facility, with a reading room which can accommodate 180 students. It has an exhaustive collection of text, reference and other books to cover all the subjects of the curricula. The entire collection comprises more than 30,000 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 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, and Teaching in large heterogeneous classes. 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, and 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 equipment, computers that are fully calibrated for accuracy and strengthening of practical knowledge.



Proposed Jagannath Gupta Hospital



Quality Education

Imparting quality education through Innovative and Futuristic Approach by Incorporating and Integrating Beyond the Curriculum to Transform Students into Successful Professionals.

BBIT adopts a State-of-the-Art and innovative approaches for the purpose of

- Project-based-Learning
- Hands-on-Learning
- Peer-Learning

Through
Center for

- Innovative-'ON
- Incubate-'ON
- Incorporate-'ON

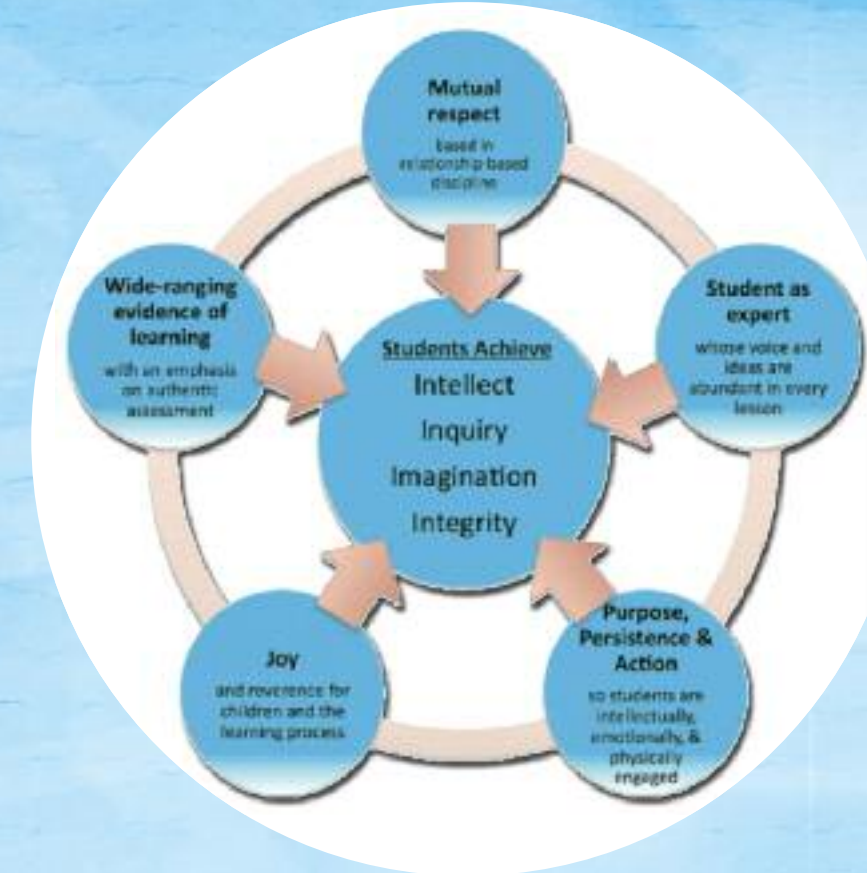
Further to assist our students to "Learn-How-to-Learn". For the benefit of our students, BBIT has

- Career Development Center
- App / Software Development Center
- R&D facilities for every program
- Co-curricular activities
- Hobby clubs
- Extra curricular activities
- Professional Development Activities

a. Tech Fests

b. Technology Awareness Month (TAM)

c. Professional Society Activities such as CSI, IETE, IEI, SAE, IEEE and ISTE etc.





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 for a wall magazine, theatre, antakshari competitions, quiz contests, debate and more.



Sports



Rest, recreation and extracurricular activities are essential for formal education and all-round growth.

Sports facilities like a playground, tennis court, basket ball court, modern swimming pool, gymnasium and other sporting facilities along with a lawn are available to students.



Accommodation

Boys' hostel

Accommodation consists of single / double bed 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.



Girls' hostel

A room with 2 beds with 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 exclusively for girls. Other 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 girls' hostel to ensure enhanced safety.



Guest house.

A proposed guest house with modern amenities for visiting parents, guests and faculty members 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 WBUT

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 a 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 cds. Annual Seminar, CEO series of guest lectures, business simulation games, 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, 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)

Exam Required

MAT | CMAT | JEMAT

Eligibility

Must pass graduation in any discipline.

Valid entrance test (CMAT/JEMAT/MAT) score card

Candidates in the final year of graduation may also apply

Candidates with work experience will get preference

Candidates will be selected through GD & PI

Admission Procedure

Candidates are selected on the basis of entrance test score followed by GD/PI.



Bachelor of Technology

Approved by AICTE & affiliated to WBUT

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, Traffic and Transportation, Structural Engineering, Surveying, Fluid Mechanics, Soil Mechanics, Concrete Laboratory, Environmental Engineering.



Department of Electrical Engineering

The Electrical Engineering Department offers an undergraduate programme, framed in keeping with 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.



Department 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 equipment 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

Basic Electronics, Analog Electronic Circuits, Digital Electronics & Integrated Circuits, Analog Communication, Circuit Theory and Network Electronic Measurements & Instrumentation, Circuit & Network, Antenna & Propagation, Control System, Micro processor & Micro controllers, Electronic Design, Microwave Engineering, Digital Comm. Systems, Digital Signal Processing, VLSI Design, Signals and Systems, Advanced Communication.



Department of Computer Science & 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, radio 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 & Digital Electronics, Data Structure & Algorithm, Computer Organisation, Computer Architecture Numerical Methods lab, Communication Engg & Coding Theory, Software Tools Design & Analysis of Algorithm, Microprocessors & Microcontrollers, Programming Practices using C++ Object Oriented Programming (IT), Data Base Management System Lab, Network Lab, Operating System Lab, Software Engg. Lab, Artificial Intelligence, Internet Technology (IT)



Department of Mechanical Engineering

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 equipment 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 Technology, Workshop Technology, Electrical Machine, Fluid Mechanics, Metrology & Measurement I, Thermal Engineering and IC Engine, Strength of Materials, CAD-CAM, Dynamics of Machine, Mechatronics, CNC Lab, Air-conditioning and Refrigeration.



Eligibility Criteria (Engineering)

Minimum aggregate of 45% marks and 45 % marks in Physics, Chemistry and Mathematics (PCM) in Higher Secondary or equivalent Examination.

Those who passed out 10 + 2 and qualified in the West Bengal Joint Entrance Examination or JEE (MAIN) Examination in the current year and recommended by Central Selection Committee are eligible for admission

Passed Diploma Examination from an AICTE approved institution; with at least 45% marks (40% in case of reserved category students) in appropriate branch of Engineering /Technology or passed B.Sc. Degree from a recognized University as defined by UGC with at least 45% marks (40% in case of reserved category students) and passed XII standard with Mathematics as a subject.

Admission through Lateral Entry Scheme shall be made strictly on the basis of current year merit and the preference of candidates in the Common Entrance Examination for admission through Lateral Entry Scheme (i.e. JELET) conducted by the West Bengal Joint Entrance Examinations Board.



Diploma Programme

Approved by AICTE & affiliated to WBSCTE

Engineering and Technology

In India there has been 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 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 after completion of 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.

Curricular Components of Diploma Programmes in Engineering & Technology

The Diploma Programme 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:

Minimum aggregate of 35% marks and 35 % marks in Physical Science and Mathematics with English in Madhyamik or equivalent examination. Those who pass class 10 or equivalent examination and qualify in JEXPO under West Bengal State Council of Technical Education (WBSCTE) in the current year are eligible for admission.

Minimum aggregate of 45% marks and 45 % marks in Physical Science and Mathematics with English in Madhyamik or equivalent examination. Those who have passed class 10 or any equivalent examination are also eligible for admission.

Those who pass class 10 and qualify in JEXPO under West Bengal State Council of Technical Education (WBSCTE) in the current year are eligible for admission.

Passed Higher Secondary Examination (10+2) under Vocational Training or 2 years ITI course (with appropriate technology) and qualify in VOCLET under West Bengal State Council of Vocational Training (WBSCVT) in the current year are eligible for admission in the 2nd year of diploma course under Lateral Entry Scheme.

The Five Diploma Courses:

1. Diploma in Civil Engineering (Intake-180)
2. Diploma in Mechanical Engineering (Intake-180)
3. Diploma in Electrical Engineering (Intake-60)
4. Diploma in Electronics & Telecommunication Engineering (Intake-60)
5. Diploma in Computer Science & Technology (Intake-60)



The Guiding Lights

Faculty

Prof. (Dr.) Rupen Chakrabarti

Academic Advisor and Head, Electrical Engineering Department M.Tech (CU), M.E. (JU), Ph.D. (JU)

- » Former HOD, EE Dept., Jadavpur University
- » Former Chairman of Placement Committee, Jadavpur University

Prof. (Dr.) C. V. Reddy

Director, BBIT
B.E., M.Tech, Ph.D.
MCI, MISTE, MIE, FIIE, MSES, MIEEE, FIETE
Former Vice Chancellor, OU, Indore, MP

Prof. (Dr.) Tridib Chakraborty

Distinguished Professor M.A. Ph.D. (Cal) in Sociology with a fellowship from ICSSR, New Delhi

- » Former Prof. IIM, Calcutta.
- » Eminent faculty in the field of HRD as well as Soft Skill Development.
- » Worked as a Professor at Indian Institute of Management, Joka, Kolkata.
- » Associated with various reputed institutions in the field of Human Resource Management, Value Added System, Work Ethics and Work Culture.
- » He has number of publications in Indian & Foreign journals.

Dr. Shubhangi Gupta

Executive Director, BBIT

She has done her Bachelors in Physiotherapy from the renowned MS Ramaiah Medical College, Bangalore. She is attached with many philanthropic institutions and causes. She is pursuing her MBA from Symbiosis, Pune.

Prof. (Dr.) Gautam Gangopadhyay

Prof. (Dr.) Gautam Gangopadhyay
Associate Director, BBIT
M.Tech, Ph.D., FIE, Chartered Engineer
38 years of Industry, Research and Teaching Experience
Former Principal of degree Engineering College, Kolkata
Ex Senior Member IEEE (USA), Commonwealth Scholar

Prof. (Dr.) Dipak Chatterjee

Additional Director, BBIT
M.Sc. (CU), Ph.D (ISI, Kolkata)
Former Principal of IEM, Kolkata
Former Distinguished Professor & HOD – Math Dept., St. Xavier’s College

Prof. Dr. Siladitya Bandyopadhyay

Dean of Students, BBIT
M.Sc., Ph.D.
Former Visiting Faculty at Jadavpur University.
Former Faculty at Vidyasagar University.

(Dr.) Balaram Gupta

MBBS, MD (Internal Medicine, New York University, USA), Fellowship in Clinical & Non-invasive Cardiology (Medanta The Medicity, Delhi-NCR, India)
Diplomate American Board of Internal Medicine
Clinical Assistant Professor of Medicine Penn State College of Medicine, Hershey, PA, USA
Consultant Physician Holy Spirit Hospital, Camp Hill, PA, USA

Prof. (Dr.) Phalguni Bhattacharya

Professor B.E.(BESU), M.E. (JU), Ph.D (JU)

- » Former HOD, CE Dept., Jadavpur University
- » 30 years of Academic and Research Experience in his discipline
- » More than 30 papers in international and national Journals
- » Expert Member of AICTE

Dr. Nabokunar Ghosh

M.Sc., Ph.D (Sc.)

- » Head of the department of Mathematics, BBIT
- » Life Member of Indian Statistical Institute of Kolkata & All Bengal Principals’ Council
- » He has 25 years of teaching and 11 years of industry experience.
- » He has more than 10 papers published in National and International Journals.

Prof. (Dr.) Syamal Kumar De

Associate Professor B.E., M.Tech, Ph.D

- » He worked as faculty member in many reputed engineering colleges.
- » He has 35 years of teaching and industry experiences in his discipline.
- » He has published good number of papers in national & international Journals

Prof. (Dr.) Bimal Datta

HOD, Computer Science & Engineering Department

PhD (Engg.), M.Tech (IIT), MCA

Membership of Computer Society of India

Membership of Indian Metrological Society

- » Recipient of National Scholarship from Ministry of Human Resource & Development, Govt. of India.
- » He has 8 years of teaching experiences in reputed institutions.
- » He is doing his research on Image Processing and its Application and published 09 number of papers in National & International journals in his credit.
- » He has chaired many National & International Seminars & Conferences in his discipline.

Prof. Dipesh Chakraborty

Professor B.Tech (JU), M.Tech (BESU)
Ph.D (IIT-Kharagpur)

- » He worked as faculty member in many reputed engineering colleges.
- » He has 31 years of Teaching, Industry and Research experiences in his discipline.
- » He has published six numbers of papers in National & International Journals.

Prof. Gadadhar Das

Professor, ME Dept.
Former Faculty of ME Dep jadavpur university

Ms. Priyanka Chatterjee

HOD, Humanities Department
MA (English), M. Phil. (CU), Ph.D (Pursuing)

- » Presented Research Papers in the international Conferences at University of Oxford (UK), University of Poland (Poland), Osaka University (Japan), Buddhasravaka Bhikshu University (Srilanka), Faculty of Letters (Tangier, Morocco), University of Calcutta (India), University of Reading (UK), University of Lapland (Finland) in the year 2009, 2010, 2011, 2012, 2013 and 2014 respectively.
- » Coordinator / Convener of Indian Society for Theatre Research’s (ISTR) IX Annual International Conference, (BBIT, Kolkata) 2013 and presented research papers at ISTR’s Annual International Conferences from the year 2012 till date.
- » Former Part-time Lecturer in the Department of English at Dhruba Chand Halder College under University of Calcutta from August 2008 to July 2009.
- » Worked as a Research Assistant in University Grants Commission’s (UGC) project Ibsen, Chekov and Brecht in Bengal: Negotiating Differences.

Dr. Mrinal Kanti Mukherjee

HOD – Physics

» M.Sc. [Pure Physics], Ph.D.

- » Former Head of the Department of Physics, Ramakrishna Mission Vidyamandir, Belur Math.
- » He has 37 years of teaching and 7 years of research experience. A good number of research papers have been published to his credit.

Prof. Tapes Mukherjee

Associate Professor. B.Sc., B.Tech (CU), M.Tech (CU)

- » Former Faculty Member of WBUT
- » He has 23 years of experience in his field.
- » He has published good numbers of National and International Journals.

Rules and Regulations

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 into task as per law of the land if any person is found guilty of it.

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, even of a 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 director, 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 Executive Director 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 is headed by Dr. Shubhangi Gupta - Executive Director, BBIT as convener and two ladies from faculty / staff along with the Director of the Institute as members.

Disciplinary Committee :

To maintain discipline in the Institute, a Disciplinary Committee looks into any act or incident of indiscipline among the students and others. The committee is headed by the Chairman of the Institute with Director, Principal, HODs as members and Executive Director as the convener.



For Her

**Girls' Education is central to BBIT.
Boys are our strength but
Girls are Our Pride
and are highly appreciated in BBIT.**

BBIT has:

- » Timely 24 - hour help desk service for Girls
- » A fully integrated Wi-Fi campus
- » Wardens in shifts (12x2 Hrs.)
- » Airy rooms with attached bathrooms & dining facility. Hot & cold water facility
- » Additional classes for Competitive Examinations
- » Library, digital library & computer facilities after class hours
- » Special Yoga & Aerobics classes
- » Properly generated electric supply facilities
- » Plenty of indoor and outdoor games for recreation, etc.



Strengthening the relationship with the Industry

Dipak Das | General Manager



arranging for tests, pre-placement talks and conducting final interviews, the Training and Placement Cell officials and volunteers provide their best possible assistance to the recruiters.

Each year, employers interview on campus or off campus or may conduct Pool Campus. Employers come from all over the country to interview students for job positions upon successful completion of the course that the student is pursuing.

BBIT helps in shaping up the bright minds. We are committed to bringing about excellence in all spheres of our Training and Placement activities. Students are our proud assets and we put emphasis on creating strong foundation for our students, so that they can compete and excel in adverse conditions, with confidence and élan. We put stress on upgrading the technical, analytical and soft skills of our students, so that they come out with flying colours.

Training and Placement Cell also helps and counsels students about career and prepare students for life

BBIT is well equipped with excellent infrastructure to support each and every stage of the placement processes

We are confident that these students will make a mark wherever they go and make their alma mater proud.

With the number of engineering college graduates rising every year, employers are strategic in selecting where and whom to recruit. We take pride in introducing BBIT, where an enabling environment is made for the students, in a world class environment and infrastructure.

The Training and Placement Cell of the institute handles all aspects of placements at BBIT for all engineering, diploma and management students. Right from contacting companies to managing all logistics regarding

Training

Training & Placement Cell takes part in organizing summer trainings, internship in reputed organizations during summer and winter vacations. We plan to train our students in various industries so that knowledge gained in the academic institute is fruitfully utilized. We would also like to invite all prospective trainers and employers to visit BBIT and interact with our students and professors and assess the training and development.

In order to open new avenues of career, the institute is trying to strengthen relationship with industry, through collaborations, interaction, workshops and visits.

OUR TRAINING PARTNERS

CESC | West Bengal State Electricity Development Corporation Ltd | West Bengal Power Development Corporation Ltd | Indian Oil | Garden Reach Shipping Builders Engineering | South Eastern Railways Damodar Valley Corporation | Durgapur Project Limited | IVRCL Infrastructure | BSNL | Doordarshan Kendra | India Carbon Limited Stone India | Airport Authority of India | Simplex Infrastructure andmany more.

Available infrastructure for conducting Campus Recruitment Drives:

- i) Written Test: More than 1000 seating capacity at a time
- ii) Online Exam: 400 systems available at one go
- iii) Requisite number of Rooms for G.D. and P.I. easily available
- iv) Seminar Hall: One Hall with 650 seating capacity and another one with 250 seating capacity
- v) Virtual Campus Drive: Unique facility provided is the remote administered and controlled online test and subsequent interview through Skype.

Our Core Team Members

Mr. Dipak Das
General Manager
M 9903062598
Email : tnp@bbit.edu.in

Mrs. Sharmistha Paul Mondal
Placement Executive

Mr. Anuranjan Sawal
Placement Executive

Ms. Sayani Bose
Placement Executive

Mr. Rajib Ghoshal
Asst. TPO

OUR RECRUITERS





Budge Budge Institute of Technology

Nischintapur, Budge Budge, Kolkata 700 137 p: 033 24820676, 24820670 f: 033 24820641 | contact@bbit.edu.in; www.bbit.edu.in