



Enlightening the world of  
**TECHNICAL EDUCATION**



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**GO**



# WELCOME TO BENGAL INSTITUTE OF TECHNOLOGY & MANAGEMENT

Inspired by the teachings of Tagore, Bengal Institute of Technology and Management, Santiniketan started its journey from the year **2001**.

The oldest campus under the Aegis of **Camellia Group**, the institute has already put its mark in providing quality-engineering education in Eastern India since its inception.

The vision of the Managing Trustee was to impart state of the art technical education to the students blended with the values and ethics of Gurudev within the serene outskirts of nature. The campus is thus situated in **Santiniketan**, where the pedagogy is celebrated all across the world.

Spread across a campus of more than **sixty (60)** acres of land area, Bengal Institute of Technology and Management, Santiniketan offers modern day professional courses with excellence in multi disciplinary modules. Bengal Institute of Technology and Management, Santiniketan houses one of the latest technical laboratories with up to date Infrastructure to cater to modern day teaching need. The teaching resource of the institute is an amalgamation of academic and Industry experience.

The alumni of Bengal Institute of Technology and Management, Santiniketan is placed in the **best blue chip companies** of the country and all across the globe which makes us stand all above in the sector.





## MISSION

“Education is the manifestation of perfection already in man”, proclaims Indian Philosophy. For this purpose a teacher is to remove all obstructions from the way. The obstructions when removed will manifest in the development of complete personality, complete perfection. Education in this spirit that not only enriches the human mind but also enables one to stand on his own feet. With this end in view, **BITM** shall thrive for imparting such man- making education whereby our students can be ideal citizens to face the ordeals of life displaying flair of courage, character and leadership.



## VISSION

With the said vision in mind or motto **BITM** shall not only be imparting world class scientific and technical knowledge amongst out students through our dedicated faculty but also to lay emphasis on disseminating knowledge among them through seminars, exhibitions, discussions and participation in debates in other Institutions as well as training in **Industrial Houses / Projects**.

Emphasis will be given to character building and discipline. **Sports and Games** will be made compulsory for this purpose in the academic curricula. **BITM** encourages and welcomes students of different countries, who cutting across the boundary of geographical barriers shall enrich their countries culture, understand each other in a better way and pave the way to world peace in the long run.



## QUALITY POLICY

We at **BITM** aspire to establish a system of quality education which would on a continuous basis evaluate and monitor the quality of **education and training** imparted at the Institute, improved teaching – learning process and ultimately develop the Institute as a Center of excellence.





## Message from the Chairman's Camelia Group,



**Dear Friends,**

I congratulate to the students for considering Bengal Institute of Technology and Management (BITM), Santiniketan as a destination of your e n gineering education. BITM is an institution dedicated for students' aspirations for excellence in technical education. The motto of our institute is "commitment to a relentless pursuit towards imparting quality education to meet the ever - changing requirements of today's industry by continuous streamlining and updating the course curricula". With highly qualified and dedicated staff members in our service, the kind of infrastructure and facilities we have built over the years, we are sure to mould the students in such a way as to make them Industry Ready. Our college, situated amidst extensive lush green settings, has beautiful campus and buildings to provide the right environment for progressive learning to the students. Modern teaching methods using Digital Classes & LCD projectors in all class rooms encourage and train the mind of the young future engineers to analyze, reflect, synthesis and enjoy the class room teaching. Moreover a lot of emphasis is given to train the s tudents to improve and enrich their communication skills and managerial skills to meet the demand of the present corporate world. Excellent infra-structural facilities in a good learning atmosphere is an added advantage of the wards of this great institute and I am sure that they will enjoy the four years of study here and carry sweet thoughts and sweet memories with them. Finally all work hard and strive all our nerves to produce the most competent engineers, knowledgeable scientists, creative entrepreneurs, well organized Managers and hard working researchers through Quality Education.

**N.R. Dutta**

Chairman & Managing Director,  
Camellia Group

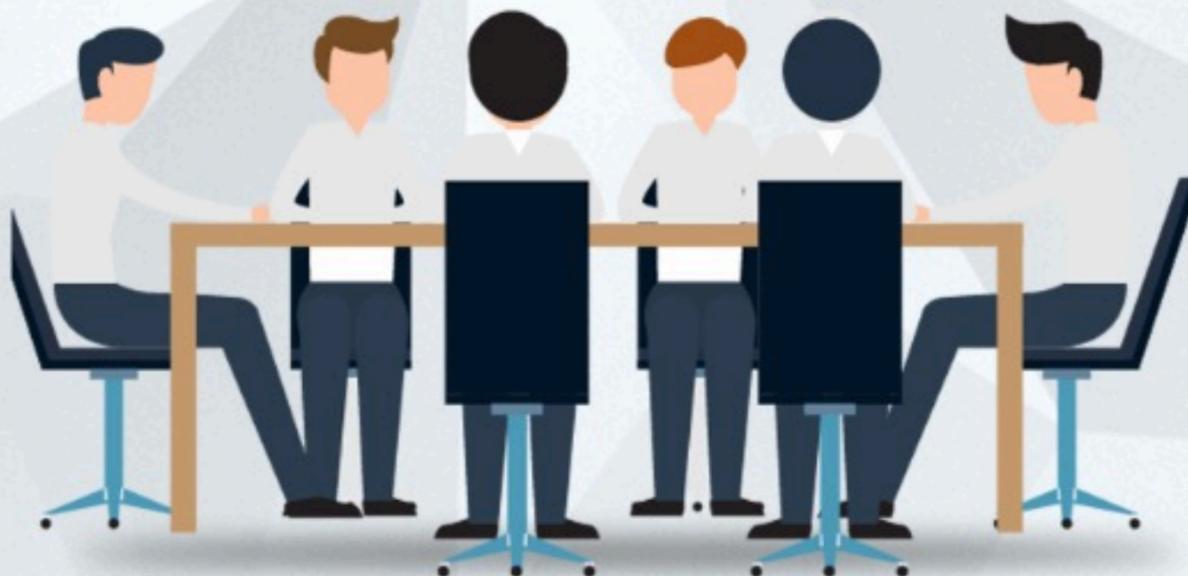




## Message from the Chairman's Board of Governors

**Dear Friends,**

To maintain a prolonged development of global technical education, many qualities are required. An international engineer should not only be academically brilliant but also technically sound, ethically conscious and functionally efficient. He should also have an aptitude in matters of production and be culturally enriched and internationally competitive. Camellia institutes have seriously adopted this concept right from management up to stakeholder for the sake of international mobility. In the circumstances, I have no doubt that national and international community will be attracted. I convey my best wishes to all concerned in the institutes.





## Message from the Director's BITM



Let me begin with congratulating the students for considering Bengal Institute of Technology and Management (BITM), Santiniketan, as a destination of their engineering education. Santiniketan has the distinct identity of culture and heritage, which gives the place a unique soft touch. Rabindranath Tagore's father Maharshi Debendranath Tagore was attracted by the beauty of this place and established Santiniketan in 1863. In 1901, Rabindranath Tagore set up a Bramhacharya school here, which later came to be known as the Patha Bhavan, the school of his ideals, whose central premise was that learning in a natural environment would be more enjoyable and fruitful. After he received the Nobel Prize (1913), the school was expanded into a university. Many world famous teachers have become associated with it. Indira Gandhi, Satyajit Ray, and Amartya Sen are among its more illustrious alumnus. Now you are in a position to understand that you are blessed to be in an area which bears the footprints of a Noble winner who was a great academician, philanthropist and the brain and the heart behind this place. The small town of Bolpur, Santiniketan is now dazzling in the map of Engineering Institutes of the country. Bengal Institute of Technology and Management, Santiniketan the first Engineering College at degree level in Bolpur; Santiniketan has been 16 successful years of journey since we started this Institution in the year of 2001. Our Institute believes in the philosophy of benevolent governance. Our dedicated, highly qualified, efficient, committed and fully trained panel of faculty members are friend, philosopher and guide of our students to develop their skills and conceptual understanding. They also help our students to become good human beings with rich values. Departments have multiple states of the art of workshops and well-equipped laboratories. The library is structured to provide academic support to the students at different tiers. This is being achieved with large number of books, large number of National and International Journals, Digital Library, best of e-Resources like, IEEE, ASME and books under Book Bank Scheme. Situated in a beautiful locale adjoining Santiniketan and spread over a campus area of around 10 acres, with pleasant hostel ambience, the Institute provides an ideal platform for academic excellence. A good environment can also sustain a better soul. Along with these, availability of high speed Broadband Internet connectivity, Wi-Fi facility and Centralized Computing Facility, with most advanced Software, makes it possible to acquire basic engineering education and fulfill research aspirations of the students. Fully developed hostel facilities have been made to accommodate most of the students, while providing protection to freshly admitted students through totally segregated hostel, with an ambience of 'Zero' tolerance to ragging. As a member of BITM family I am absolutely certain that to create an ideal academic environment of the country our beloved and esteemed Institution Bengal Institute of Technology and Management, Santiniketan, will fuel the journey to the future by the enhancement of the quality of teaching and learning. We welcome students to make use of this ostentatious platform and be proud alumni of BITM.

I wish the very best and all success of this Institute and I strongly believe that our beloved BITM will prosper in days to come.

### Dr. Subhasis Biswas

B.Sc.(Hons. in Chemistry),  
BE (Mech), M.Tech, I.C.W.A.(Inter),  
P.G.Dip. in Ecology & Environment; Ph.D  
Director  
BITM, Santiniketan



## ABOUT BITM

The Bengal Institute of Technology & Management, Santiniketan or BITM was established in 2001 with B.Tech in Software Technology, Information Technology, MBA, BBA (Hons) and Bachelor in Hotel Management under the affiliation of Visva Bharati University, Santiniketan. BITM was established as a professional / job - oriented course educator in a location, which is a pre - eminent symbol of cultural heritage of Bengal's arts and culture created by the Nobel laureate Gurudev Rabindranath Tagore. BITM was started its journey with affiliation of courses from Visva Bharati University in 2001. In 2003 upon establishment of West Bengal University of Technology (WBUT), the institute has been running since then with due approval of All India Council for Technical Education (AICTE) and Affiliation to WBUT for its technical & management courses. Now the institute is Affiliated to Maulana Abul Kalam Azad University of Technology (Formerly known as WBUT). The institute is situated about 150 kms. from Kolkata and 10 kms from the nearest city, Bolpur and only 5 kms. from Santiniketan, the abode of two nobel laureates Gurudev Rabindranath Tagore and Prof. Amartya Sen and well connected via surface transport. At present the institute offers undergraduate and postgraduate courses in engineering (B.Tech & M.Tech), undergraduate and postgraduate courses in business administration (BBA & MBA), undergraduate and postgraduate courses in computer applications (BCA & MCA), undergraduate courses in hospitality management (BHSM), law (LLB) and diploma courses in engineering (Polytechnic).

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During its operational phase BITM , Santiniketan has successfully crossed many hurdles arising out of social norms and stagnancy , infrastructural insufficiency , geopolitical conditions , regional economic status , scarcity of resources etc. But , by virtue of sheer perseverance and self - belief these challenges were successfully faced . Today BITM , Santiniketan has been accepted by the local stakeholders as a part of their life . The livelihood of a bulk portion of the local residents depends either directly or indirectly on the institute . Over the last 5 years or so a rapid insurgence . in economic activities of both micro and macro in nature , surrounding the institute has been observed as a result of which a number of modern social amenities namely bank ATM , electricity , networking of roadways , increase in local transport , mobile network , internet facilities and even real - estate business have seen daylight . BITM , Santiniketan , now , has a tremendous impact not only on the local communities but also on the geo - demographic distribution in Bolpur city . BITM has also built industrial association to bridge gap between the industrial needs and the students learning to make the students employable .

Over the years BITM , Santiniketan has earned quite a few credentials which are as follows :

**1** Accredited by NAAC , UGC in the year 2011.

**2** Obtained UGC 2 ( f ) recognition for providing maintaining standard of education through out its journey.

**3** ASSOCHAM EDUCATION EXCELLENCE AWARD , 2014 for " REMARKABLE CONTRIBUTION OF THE INSTITUTION IN RURAL AREA. "



## COMPUTER CENTRE

Computers have revolutionized the knowledge industry and become part and parcel of life. Students are required to have extensive knowledge of computer applications and there is an effort on giving the students a stronghold on computer operations since its inception. BITM is well equipped with computer centers to provide the students with sufficient knowledge of computers for engineering excellence and each student is allotted a fixed number of hours of computer training. The state-of-art centers are a key source for providing the students with hands-on-experience. Each centre consistently updates itself in order to keep with the latest technology.

## CLASSROOMS & SEMINAR HALLS

BITM has well furnished classrooms for students. They are spacious, airy and well lit having latest aids with audio-visual interaction. Well furnished small rooms are also available for specialization and tutorial classes. The institute has adequate number of seminar halls for organizing conferences, seminars, workshops, quizzes, role-playing etc.

## THE CAMPUS LIFE

The institute offers a full and active campus life. Comfortable hostels and a vibrant socio-cultural milieu ensure that the environment is conducive for the transition to adulthood. The college takes care of all aspects of day to day living, giving students the opportunity to focus on sharpening their knowledge and talents.

## THE HOSTEL

The institute provides safe, well guarded and comfortable hostels accommodation with wholesome meals at a modest price. There are separate hostels for boys and girls. First year students are also provided separate hostels to minimize the risk of ragging which is totally banned in institute. The capacity of the boy's hostel is 400 and girl's hostel is 300 at present.





### TRANSPORT FACILITY :

The institute has its own bus facility for students and faculty members . This service ensures a hassle - free and safe transportation for the students . Bengal Institute of Technology & Management.



### HEALTH CARE :

A healthy mind resides in a healthy body . The institute provides health check up for students at regular intervals and for this it has appointed a registered medical practioner. In case of emergency , facilities are also available with arrangement for transfer through our own ambulance service to nearby hospitals.

### SPORTS & CULTURAL ACTIVITIES

Growth of a complete personality depends on a person's extra curricular activities . Special emphasis has been given the all round development of the student with facilities for cultural activities as well as for the indoor and outdoor games like table tennis , Chess , Carom , Volley Ball , Basket Ball , Cricket , Football.

### NCC

N.C.C. as an organisation is contributing towards development of the youth in the country. Bengal Institute of Technology and Management , Santiniketan senior division company N.C.C. unit is affiliated to 50 Bengal Battalion N.C.C. many of our students have got NCC " C " certificate conducted by Ministry of Defence under NCC Special Entry Scheme for Officers Entry in Indian Army from BITM.



## SCHOLARSHIP HELP

The institute has a dedicated scholarship coordinator for proper guidance and help for students who want to apply for scholarship to different government and private organizations.

## LOANS

For students from needy families who are worried about expenses, institute offer special help to avail educational loans from financial Institutions for paying tuition fees and to meet other educational and related expenses as per the rules and norms.

## A RESPONSIBLE COMMUNITY

The Institutions attach great importance to the integrity of students on their academic work. Students are expected to conduct themselves in a manner befitting future technocrats and executives. Students are required to maintain a high level of consistency throughout their stay at the institute. They are expected to work under considerable pressure as the courses are demanding in both their requirement of time and quality of output.

## THE INTELLECTUAL CAPITAL

BITM is proud to have more than 100 eminent faculty members to give students the depth of knowledge and understanding of finer points. Apart from honoring senior members who bring a wealth of experience make learning easy, the institutes also encourage young professors who can relate to students at a one-to-one level to share the latest technical knowledge as friend, philosopher and guide. Frequent interaction and cross-pollination among the faculty of various institutes also enriches the knowledge base.

## INFRASTRUCTURE FOR EXCELLENCE

BITM is built on the belief that the learning environment must be wholly supportive of academic aspirations by ensuring the best infrastructure and ambience. The campus is superbly laid out to provide an idyllic setting. Sports and culture is encouraged. The academic Infrastructure is in tune with the modern needs.

## CENTRAL LIBRARY & BOOK BANK

An institute is a storehouse of knowledge. Enthusiastic students require a massive collection of books to quench their thirst for knowledge. The central library houses over 26,000 Books, about 250 journals of National and International repute, 82 magazines of relevance to engineering and management fields, major dailies, newsletters and a number of electronic academic publications. The library has software based networking system and will soon have multimedia support to further facilitate the learning experience. Institute has separate Book Bank which has a collection of nearly 15,000 books. GS P.

## SOCIAL ACTIVITIES

A social conscience is essential to develop a complete personality . Students are encouraged to take part in social activities such as blood donation camps and free distribution of medicines to the local poor people. BITM also organizes Tech - Fest and Cultural Fest for students to improve their extra - curricular skills .

## IIPC

BITM has a full - fledged Industry Institute Partnership Cell ( IIPC ) established in 2013 to promote Industry Institute Interaction like organizing workshops , conferences and symposia with joint participation of the faculty and the industries . Encouraging engineers from industry to visit BITM , Santiniketan to deliver lectures . Participation of experts from industry in curriculum development . Arranging visits of faculty members to various industries . Professional consultancy by the faculty to industries . B.Tech . and M.Tech. Projects / dissertation work in industries under joint guidance of the faculty and experts from industry. Practical training of students in industries etc.

## EDC

TROPHY 5 The Entrepreneurship Development Cell of BITM , Santiniketan , commonly known as EDC , has been established with the objective of creating , fostering and promoting the spirit of entrepreneurship among the youth of the nation . Created in the early months of 2007 , the cell has already taken rapid strides in cultivating 200 entrepreneurial temper and has succeeded in carving a niche for itself .The cell has organized a plethora of events under its aegis in the few months since its 542 inception and these events have witnessed healthy participation from students , not only from BITM Santiniketan but also from colleges all across the state.





## LABORATORIES

The institute has all the laboratories that have been set - up with adequate infrastructure and sophisticated equipment . A few of the laboratories are as follows :

-  **Analog Electronics & Circuit Design Laboratory**
-  **Digital Electronics & Computer Organization Laboratory**
-  **Basic Electronics Laboratory**
-  **Basic Electrical Engg . Laboratory**
-  **Circuit theory and networks Laboratory**
-  **Power Systems Laboratory**
-  **Control System Laboratory**
-  **Telemetry & Remote Control Laboratory**
-  **Instrumentation & Electronics Measurement Laboratory**
-  **Industrial Instrumentation Laboratory**
-  **Basic Computing Laboratory**
-  **Networking Laboratory**
-  **System software and Administration Laboratory**
-  **Computer Centre ( Internet for students ) ( Centre -1 )**
-  **Thermal Engineering Laboratory**
-  **Geology & Surveying Laboratory**
-  **Measurement & Instrumentation Laboratory**
-  **Manufacturing Process Laboratory**
-  **Engineering Chemistry Laboratory**
-  **Engineering Mathematics Laboratory**
-  **Communication Laboratory**
-  **Microwave & Antenna Laboratory**
-  **Simulation Laboratory Electrical Machine Laboratory**
-  **Power Electronics Laboratory**
-  **Electrical Drives Laboratory**
-  **Electrical Measurement Laboratory**
-  **Process Control Laboratory**
-  **Sensor & Transducer Laboratory**
-  **Microprocessor & Microcontroller Laboratory**
-  **Graphics & Multimedia Laboratory**
-  **M . Tech Computer Laboratory**
-  **Workshop - 1**
-  **Workshop -II**
-  **Engineering Graphics Laboratory CAD / CAM Laboratory**
-  **Fluid Machinery Laboratory**
-  **Engineering Physics Laboratory**
-  **Language Laboratory**
-  **Management Computing Laboratory (Computer Centre II)**
-  **Highway Engineering Laboratory**
-  **Structural Design Laboratory**
-  **Concrete Technology Laboratory**
-  **Soil Mechanics**
-  **Solid Mechanics**
-  **2D & 3D Design Lab**



## RESEARCH & DEVELOPMENT CELL

### ABOUT R & D CELL :-



Bengal Institute Of Technology & Management is now focusing more on Research Programs and need based technology. Accordingly an independent R&D Cell has been established to promote and monitor the research Programs of the college. R & D cell is headed by Mr. Manik Chatterjee and supported by HODs of various departments and students . R&D cell as a advisory board with senior faculty members. The cell manages all the research Programs of the college by monitoring and coordinating the research Programs. It conducts the research review meeting to examine the quality of research being conducted by various teams. The R &D cell also recommends on the sanction of research scholarships to scholars.

### VISION :-



The objective of R & D Cell is to promote research activities among students and faculty as well as to provide a robust platform for sharing and implementing innovative and creative ideas to facilitate exchange of information and interaction among the various research institutes and industries to develop skilled manpower in various engineering fields.

### AIM :-



- Promote R&D programme in newly emerging challenges in science ,technology and engineering.
- Enhancement of knowledge, capability and a global recognition to institution.
- Application of qualitative as well as quantitative Research technique to enhance knowledge, capability of students and faculty in relatively unexposed areas.
- To develop research proposal for funding from DST /AICTE/MHRD.

### COMMITTEE :-



- Head -Research and development.
- HODS(from each department)
- Faculty members (from each department)
- Student coordinators and members (2 from each department).

### GOAL :-



Promotion of R&D Activities in of science and technology with special emphasis on emerging domain. Motivate faculty and students to participate in Seminar/Conference/Workshop and further share his knowledge, experience with faculty and students and submission of write up to R&D cell. To motivate faculty and students to present/publish Research paper in reputed national & international journals and submit a copy to R& D Cell in the institute.





# D2C

## A GLOBAL DIGITAL LEARNING PLATFORM FOR ASPIRING ENTREPRENEURS AND JOB SEEKERS

### COMPREHENSIVE COURSE CONTENT

Entrepreneurship courses enable students with basics of starting up to everything involved in running a company. Skill training courses equip job-seekers with requisite employability and soft skills to find jobs and excel in various roles across verticals.

### ACCESS TRAINING WITHOUT INTERNET

All course content can be downloaded to your computer and mobile so it is accessible even when internet is not available. Training progress is recorded in offline mode and synced to online platform later.

### PRACTICE WHAT IS LEARNT

Students verify their learning through Assessments in the form of quizzes and final assessment leading to a certification. Practicums allow them to apply their learning in real world scenarios.

### STARTUP CLUB

Startup Club is the hub of entrepreneurial activity in any college or institution. Faculty and Students can create and manage all functions of their Startup Club in the platform.

### DESKTOP AND MOBILE

All content and platform features are accessible in the browser and also on mobile as an Android application. iOS users can use the mobile website in the browser. A separate Windows application is provisioned for Faculty to conduct training even when internet is not available.

### INSIGHTS

All activity on the platform is recorded and summarized as reports and dashboards so the faculty, students as well as the management of our partner institutes can track progress and measure the impact of the training programs.





# CODING CLUB

## OBJECTIVES OF THE PROGRAMMING CLUB

- Promote excellence in Computer Science and Engineering education and overall practice.
- Advance the development and exchange of relevant knowledge.
- Gain technical and collaborative skills to design real-life projects.
- Be a forum for interaction among students of the institute.
- Learn steps of the engineering design cycle (discover- evaluate, design- evaluate, develop evaluate, deliver- evaluate) and how it works as a practical problem solving method.

## OBJECTIVES OF ANDROID SUB-CLUB

- Design and develop useful Android applications with compelling user interfaces and rich map-based applications.
- Learn technical skills to create design and solve real-life situations. It provides help in their curriculum.

## OBJECTIVES OF COMPETITIVE PROGRAMMING SUB-CLUB

- Develop creative thinking, construct knowledge and develop innovative products.
- Helps students preparing for IT companies, competitive coding events.

## OBJECTIVES OF MACHINE LEARNING SUB-CLUB

- 📄 Develop the design and programming skills that will help to build intelligent, adaptive artifacts.
- 📄 Build new and/or leverage existing algorithms to learn from data, in order to build generalize models that give accurate predictions, or to find patterns, particularly with new and unseen similar data.
- 📄 Introduce students to state-of-the-art methods and modern programming tools for data analysis.

Year	Student Cordinator
2018-19	Subhendu Ranjan
2019-20	Sk Injamul Hoque



# CODING CLUB

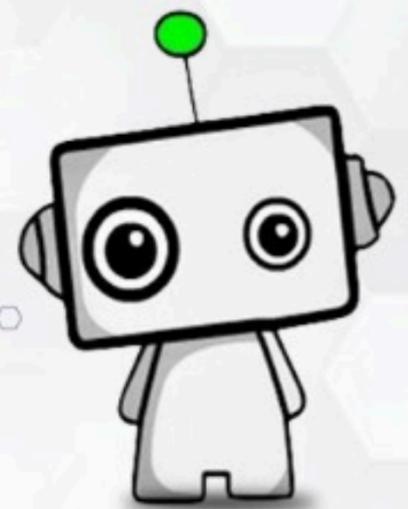
Technology has revolutionized the world and holds the key to our future. Department of Computer Science and Engineering, Bengal Institute of Technology And Management, Santiniketan, organize various technical activities at regular intervals in association with Programming club.

Programming Club is a platform where students with different interests such as, coding, App development, Machine Learning, and Web Designing. The club is responsible for conducting programming events for the students of Bengal Institute of Technology And Management, Santiniketan.

The club arranges weekly workshops focusing on various activities such as, basic programming, web designing languages, machine learning algorithms, and mobile application development. Programming competitions will be conducted to inculcate a coding culture in the institute.

There are various technical sub-clubs operating at Department of Computer Science and Engineering under Programming Club:

- </> Android Sub-Club**
- </> Competitive Programming Sub-Club**
- </> Machine Learning Sub-Club**
- </> Web Development Sub-Club**



<b>Department</b>	<b>Computer Science and Engineering</b>
<b>Club</b>	<b>Coding Club</b>
<b>Faculty Coordinator (Programming Club)</b>	<b>Mr.Soumen Bhowmik</b>
<b>Faculty Coordinator (Programming Sub-Clubs)</b>	<b>Mr.Sourav Dinda</b>
<b>Student Coordinator</b>	<b>Sk Injamul Hoque(President)</b>





# <CODETRIZ> CODING CLUB



Working towards the improvement of campus's coding culture by organizing regular coding classes, coding contests and geeky sessions.

We believe that helping each other is the only way. We take care and always look to get the best out of everyone.

## WHAT ARE WE ?



To grow as a strong community in the world of coding, to make impact in various fields and uphold the integrity of BITM as a technical institution.

To improving coding culture institute wide by conducting regular lectures from beginner to advance topics of programming as well as on other skills.

Geeky Session Coding Contest Projects Webinars and many more activities.

The i in the logo is actually a barcode for Codetriz and can be scanned.

## OUR TEAM

PIC

**SK INJAMUL HOQUE**  
PRESIDENT / FOUNDER

PIC

**SOUMEN BHOWMIK**  
FACULTY COORDINATOR

PIC

**SOURAV DINDA**  
FACULTY COORDINATOR



# ROBO CLUB



**Robotics Club** is a community of students who derive pleasure in creating electronics system that may even be potent to work without human intervention. Each member of this family is provided mechanical, production, electronic, and informatory aid besides the indispensable guidance of experienced members.

- The aim of the Robotics Club will be to support and foster interest in various aspects related to robotics; in particular, electro-mechanical automated system.
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- The club will cater to the interests of hobbyists and beginners in robotics, as well as of seniors who may be involved in professional design.
- The club will also extend support to the participants of robotics-related competitions that are held at all over the India.

 **IOT Projects**

 **Robotics Projects**

 **Mechatronics Projects**

 **Automation Projects**

 **Wireless Projects**

 **Arduino Projects**

**Department**

**Electronics & Communication Engineering**

**Club**

DigiMind Robo Club

**Faculty Coordinator**

Mr. Arun Kumar Bag

**Founded by**

Mr. Subhendu Ranjan

**Student Coordinator**

- Bansika Pandey
- Aurobindo Ghosh
- Shreya Chandra





**PLATFORM**

Provide a platform for students to design, develop and produce Robots and Intelligence Machines.

**DEVELOPMENT**

Develop the abilities of students to write necessary software to control its RIM'S

**BOOST-UPS**

Train up the students periodically in the field of robotics by providing workshops, hands on training.

**CONVERGENCE**

Inculcate the students to develop a real time products for the challenging problems.

**Year**

**Student Cordinator**

2017-19

Subhendu Ranjan

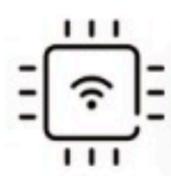
2019-20

Bansika Pandey

2020-21

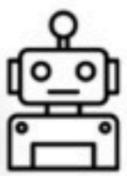
- Aurobindo Ghosh
- Shreya Chandra





The Internet of Things is not a concept; it is a network, the true technology-enabled Network of all networks.

The robots are coming whether we like it or not, and will change the world in dramatic ways.



Mechatronics is the synergetic combination of all engineering.

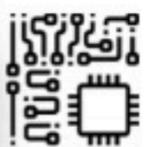


Automation is going to cause unemployment, and we need to prepare for it.



It is one of the most important mediums of transmission of information from one device to other devices.

Arduino is an open source electronics prototyping platform based on hardware and software.



### OUR TEAM

**PIC**

**BANSIKA PANDEY**  
STUDENT CO-ORDINATOR

**PIC**

**SHREYA CHANDRA**  
STUDENT CO-ORDINATOR

**PIC**

**AUROBINDO GHOSH**  
STUDENT CO-ORDINATOR



## NAME OF THE COURSES AT Bengal Institute of Technology & Management, Santiniketan

SL NO.	NAME (UG)	NO. OF INTAKE
1	B. Tech in Computer Science Engineering	60
2	B. Tech in Mechanical Engineering	180
3	B. Tech in Electronics & Communication Engineering	60
4	B. Tech in Civil Engineering	120
5	B. Tech in Electrical Engineering	60
6	M. Tech In Computer Science Engineering	18
7	M. Tech in Electrical Engineering	18
8	M. Tech in Electronics & Communication Engineering	18
9	B. Sc in Information technology	30
10	B. Sc in Cyber Security	30
11	B. Sc in Multimedia, Animation & Graphics	30
12	Bachelors in Computer Application	60
13	Bachelors in business Administration	60
14	B. Sc in Hospitality & Hotel Management	90
15	B. Sc in Culinary Science	30
16	BBA in Tourism & Hotel Management	30

SL NO.	NAME (UG)	NO. OF INTAKE
17	Masters in business Administration	60
18	M. Sc in Hospitality Management	18
19	Masters of Tourism & Travel Management	18

### PROPOSED ADDITIONAL COURSE FOR 2021-22

20	BBA in Supply Chain Management	30
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# ADMISSION PROCEDURE

## FOR ADMISSION TO FIRST YEAR M.TECH

Candidates should pass the four years B.E. / B.Tech. with First class or equivalent degree in respective branch where they desire to seek admission. (GATE/PGET qualified candidates will get preference.)

## FOR ADMISSION TO FIRST YEAR B.TECH

Candidates should :

- a) Passed Higher Secondary (10+2) Examination of West Bengal Council of Higher Secondary Education or equivalent examination from a recognized Council/Board with:
- b) Individual pass marks in Physics and Mathematics as compulsory subjects along with Chemistry / Biotechnology/Biology.
- c) Minimum of 45% marks in the above subjects taken together (40% for SC/ST/PwD/OBC candidates) as well as pass in English with a minimum of 30% marks (for all categories of candidates) in the said qualifying examination.
- d) The lower age limit is 17 (seventeen) years as on 31.12.2017. There is no upper age limit in appearing in the WBJEE – 2017. A candidate born on or after 01.01.2000 is not eligible to appear in the WBJEE -2017
- e) Must qualify / pass in English at 10+2 level.
- f) Must have any valid WBJEE or JEE(Main) rank.

## FOR ADMISSION TO SECOND YEAR B.TECH (LATERAL ENTRY)

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 or 50% marks in overall semester for direct admission.





### FOR ADMISSION TO FIRST YEAR MCA

Candidates should be graduate in any discipline from a statutory university with Mathematics and secure minimum 50% marks and have the valid rank card of JECA.

### FOR ADMISSION TO FIRST YEAR MBA

Candidates should pass (10+2+3) level with MAT / JEMAT score +GD & PI conducted by the Institute

### FOR ADMISSION TO FIRST YEAR BBA

Candidates should pass 10+2 from any stream with minimum of 40% marks.

### FOR ADMISSION TO FIRST YEAR BCA

Candidates should :

- a) Pass 10+2 with English and Mathematics with 40% Marks.
- b) Must qualify / pass in English and Mathematics at 10+2 level.

### FOR ADMISSION TO FIRST YEAR LAW

Candidates should :

- a) Pass 10+2 with minimum 50% marks.
- b) Minimum Age 20 Years.

### FOR ADMISSION TO FIRST YEAR HOTEL MANAGEMENT

Candidates should pass 10+2 from any stream.



## FOR ADMISSION TO FIRST YEAR DIPLOMA (POLYTECHNIC)

#### THROUGH COUNSELLING QUOTA

Students are sent by West Bengal State Council of Technical education according to counseling on the basis of entrance examinations for polytechnic (JEXPO) Eligibility: Candidates who have Passed / Appeared 10th standard with English, Physical Science & Mathematics with at least 35% marks (without additional subject) in aggregate without rounding up.

#### THROUGH DIRECT ADMISSION

Candidates who have Passed / Appeared 10th standard with English, Physical Science & Mathematics with at least 35% marks (without additional subject) in aggregate without rounding up and required valid JEXPO Rank (subject to approval of WBSCTE).

Or

Passed/appeared\* 10th standard with at least 35% marks in aggregate (without the marks of additional subject) in the Qualifying examination (without rounding off) No upper age limit, but candidate's date of birth should not be after 01.07.2002

## B.TECH FEES STRUCTURE FOR GENERAL ENTRY (YEAR : 2024 - 2025)

### 4 Year B.TECH

	1st Year		2nd Year		3rd Year		3rd Year	
	June	Dec	June	Dec	June	Dec	June	Dec
<b>Admission Fees</b>	5000							
<b>Caution Deposit (Refundable / Adjustable)</b>	10000							
<b>Library Fees</b>	1000							
<b>Student Development Fees</b>	1000							
<b>Tuition Fees</b>	38500	35500	38000	38500	38500	38500	39500	39500
<b>Total :</b>	55500	35500	40000	38000	40500	38500	41500	39500
<b>Prospectus &amp; Application Kit</b>	1500							
<b>Soft Skill+Techinal Training</b>	6000	3000	3000		3000	3000	4000	3000
<b>Total :</b>	63000	38500	43000	38000	43500	41500	45500	42500

**Grand Total : 355500**



## BCA FEES STRUCTURE (YEAR : 2024 - 2025)

### BCA

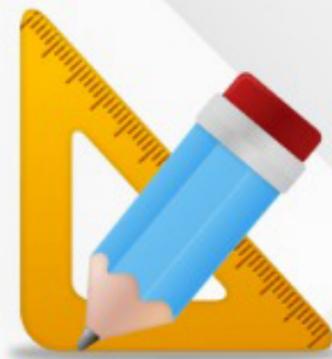
	1st Year		2nd Year		3rd Year	
	June	Dec	June	Dec	June	Dec
<b>Admission Fees</b>	3000					
<b>Caution Deposit (Refundable / Adjustable)</b>	3000					
<b>Library Fees</b>	1500	1500	1500	1500	1500	1500
<b>Tuition Fees</b>	18000	18000	18000	18000	18000	18000
<b>Total :</b>	25500	19500	19500	19500	19500	19500
<b>Computer Lab Fees</b>	1500	1500	1500	1500	1500	1500
<b>Prospectus</b>	500					
<b>Total :</b>	27500	21000	21000	21000	21000	21000

**Grand Total : 132500**



### M.TECH FEES STRUCTURE (YEAR : 2024 - 2025)

M.TECH	1st Year		2nd Year	
	June	Dec	June	Dec
Admission Fees	10000			
Caution Deposit (Refundable / Adjustable)	3000			
Library Fees	3000			
Student Development Fee	500	500	500	500
Tuition Fees				
	Total :	40000	39500	39500
	<b>Total :</b>	<b>56500</b>	<b>40000</b>	<b>40000</b>
Prospectus & Application Kit	3000			
	<b>Total :</b>	<b>57500</b>	<b>40000</b>	<b>40000</b>
<b>Grand Total : 177500</b>				



### DIPLOMA FEES STRUCTURE THROUGH COUNSELLING (YEAR : 2024 - 2025)

DIPLOMA	1st Year		2nd Year		3rd Year	
	June	Dec	June	Dec	June	Dec
Admission Fees	6000					
Caution Deposit (Refundable / Adjustable)	5000					
Library Fees	1500	1500	1500	1500	1500	1500
Development Fees	5000	5000	5000	5000	5000	5000
Tuition Fees	9000	9000	9000	9000	9000	9000
	<b>Total :</b>	<b>26500</b>	<b>15500</b>	<b>15500</b>	<b>15500</b>	<b>15500</b>
Prospectus & Application Kit	1000					
Soft Skill Development	0	2000	1500	1500	1500	1500
Computer Lab	1500	1500	1500	1500	1500	1500
Student Activity Fees	1000	1000	1500	1500	1500	1500
	<b>Total :</b>	<b>30000</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>
<b>Grand Total : 130000</b>						

### DIPLOMA FEES STRUCTURE DIRECT ADMISSION (YEAR : 2024 - 2025)

DIPLOMA	1st Year		2nd Year		3rd Year	
	June	Dec	June	Dec	June	Dec
Admission Fees	6000					
Caution Deposit (Refundable / Adjustable)	5000					
Library Fees	1500	1500	1500	1500	1500	1500
Development Fees	4000	4000	4000	4000	4000	4000
Tuition Fees	15000	15000	15000	15000	15000	15000
<b>Total :</b>	<b>31500</b>	<b>20500</b>	<b>20500</b>	<b>20500</b>	<b>20500</b>	<b>20500</b>
Prospectus & Application Kit	1000					
Soft Skill Development	0	2000	1500	1500	1500	1500
Computer Lab	1500	1500	1500	1500	1500	1500
Student Activity Fees	1000	1000	1500	1500	1500	1500
<b>Total :</b>	<b>30000</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>	<b>20000</b>
<b>Grand Total : 160000</b>						

### BCA FEES STRUCTURE (YEAR : 2024 - 2025)

3Year B.TECH	1st Year		2nd Year		3rd Year	
	June	Dec	June	Dec	June	Dec
Admission Fees	5000					
Caution Deposit (Refundable / Adjustable)	5000					
Library Fees	1000		1000		1000	
Student Development Fee	1000		1000		1000	
Tuition Fees	38500	38500	38500	38500	38500	38500
<b>Total :</b>	<b>50500</b>	<b>38500</b>	<b>40500</b>	<b>38500</b>	<b>40500</b>	<b>38500</b>
Prospectus & Application Kit	1500					
Soft Skill+Techinal Training	6000					
<b>Total :</b>	<b>58000</b>	<b>41500</b>	<b>43500</b>	<b>38500</b>	<b>43500</b>	<b>41500</b>
<b>Grand Total : 266500</b>						

## BBA FEES STRUCTURE (YEAR : 2024 - 2025)

BBA	1st Year		2nd Year		3rd Year	
	June	Dec	June	Dec	June	Dec
Admission Fees	3000					
Caution Deposit (Refundable / Adjustable)	3000					
Library Fees	500	500	500	500	500	500
Tuition Fees	1800	18000	18000	18000	18000	18000
<b>Total :</b>	<b>24500</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>
Computer Lab Fees	3000					
Prospectus & Application Kit	500					
Development Fees	5000					
<b>Total :</b>	<b>33000</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>	<b>18500</b>
<b>Grand Total : 125500</b>						

## MBA FEES STRUCTURE (YEAR : 2024 - 2025)

MBA	1st Year		2nd Year	
	June	Dec	June	Dec
Admission Fees	10000			
Caution Deposit (Refundable / Adjustable)	5000			
Library Fees	2000	2000	2000	2000
Tuition Fees	45000	45000	45000	45000
Tuition Fees	1000	1000	1000	1000
Computer Lab Fees	5000	5000	5000	5000
Prospectus & Application Kit	3000	3000	3000	3000
Development Fees	1000			
<b>Total :</b>	<b>72000</b>	<b>56000</b>	<b>56000</b>	<b>56000</b>
<b>Grand Total : 240000</b>				









## LEGAL PROVISIONS OF RAGGING

Ragging has been declared as serious criminal offence cognizable and non-bailable by the Hon'ble Supreme Court in SLP no. 24295 of 2006 and Civil Appeal No. 887 Of 2009 and legal provisions have been made in AICTE (Prevention and Prohibition of Ragging) Regulations 2009. The following acts and conducts will constitute the offence of ragging and the students are asked not to exhibit such conduct and acts and stay away from ragging activities :

### CONDUCTS CONSTITUTING RAGGING ( CLAUSE 4 OF AICTE REGULATIONS , 2009 )

- ✓ Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing , treating or handling with rudeness a fresher or any other student ; .
- ✓ Indulging in rowdy or undisciplined activities by any student or students which causes or is likely to cause annoyance , hardship , physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student ;
- ✓ Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame , or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student ; .
- ✓ Any act by a senior student that prevents , disrupts or disturbs the regular academic activity of any other student or a fresher ; .
- ✓ Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students . . Any act of financial extortion or forceful expenditure burden put on a fresher or any other student
- ✓ any act of physical abuse including all variants of it : sexual abuse , homosexual assaults , stripping , forcing obscene and lewd acts , gestures , causing bodily harm or any other danger to health or person ;
- ✓ any act or abuse by spoken words , emails , posts , public insults which would also include deriving perverted pleasure , vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student ;
- ✓ any act that affects the mental health and self - confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power , authority or superiority by a student over any fresher or any other student.

## **Punishment (Clause 8 (4) of AICTE Regulations, 2009**

Depending upon the nature and gravity of the offence as established the possible punishments for those found guilty of ragging at the institution level shall be any one or any combination of the following :-

(1) Cancellation of admission , (2) Suspension from attending classes , (3) Withholding / withdrawing scholarship / fellowship and other benefits , (4) Debarring from appearing in any test / examination or other evaluation process , (5) Withholding results , (6) Debarring from representing the institution in any regional , national or international meet , tournament , youth festival , etc. , (7) Suspension / expulsion from the hostel, (8) Rustication from the institution for period ranging from 1 to 4 semesters & (9) Expulsion from the institution and consequent debarring from admission to any other institution . Collective punishment : when the persons committing or abetting the crime of ragging are not identified , the institution shall resort to collective punishment as a deterrent to ensure community pressure on the potential raggers . Apart from that the FIR will be lodged with the police authority to initiate criminal proceedings .

### **ANTI - RAGGING COMMITTEE**

1. Dr. S. Biswas , Director	Chairman (9007030104)
2. Mr. Amitabha Choudhury , Registrar	Convener (9007030191)
3. Mr. Gautam Sil . Assistant Registrar	Member (9007030161)
4. Mr. Ashok Kumar Barman , HoD CE	Member (9933511788)
5. Mr. Awinash Kumar , HoD ME	Member (8370859839)
6. Mr. Arun Bag . HoD ECE	Member (9474894299)
7. Mr. Chandan Datta , HOD EE	Member (9609644542)
8. Mr. Soumen Bhowmik , A.P & HOD CSE / T	Member (9832157090)
9. Mrs. Jayashree Deb sinha , A.P. CSE & Hostel warden	Member (9432400136)
10. Mr. Swantanu Chattopadhyay , A.P.EE , HMC	Member (9474413003)
11. Mr. Chandranath Banerjee , Correspondent Prasar Bharati	Member (9434006744)
12. Mr. Priyam Mukherjee , Eimherst Institute ( NGO ) , Santiniketan	Member (9800099996)
13. Mr. S.K. Rahul , ME 3rd Year	Member (9932786419)
14. Ms PPrabha , CSE 3rd Year	Member
15. Mr. Partha Sarathi Chatteraj , Sports Officer	Member (8927917409)
16. Kumari Shailaja , IT 1st Year	Member (7209911014)
17. Mr. A Ghosh , ME 1st Year	Member
18. G Betal , Guardian of T Betal , CE 3rd Year	Member (8670081838)
19. Mr. N. Das , Guardian of A Das , CSE 2nd Year	Member (9433844530)
20. District Magistrate , Birbhum to be represented by Smt . Mousumi Patra , WBCS ( Exe ) DMDC & Officer - in - Charge , Education Section 20.S.D.O , Bolpur , Birbhum Ex officio member	Ex officio member
21. Superintendent of Police , Birbhum	
22. S.D.P.O , Bolpur , Birbhum	Ex Officio member (03463 254 424)
23. Officer - in - charge , Bolpur P.S	Ex officio member (03463 252 225)
24. Officer - in - charge , Illambazar P.S	Ex Officio member (03463 275 221)



[www.bitm.org.in](http://www.bitm.org.in)



# Bengal Institute of Technology & Management, Santiniketan

APPROVED BY AICTE, MINISTRY OF HRD, UGC, GOVT. OF INDIA AND AFFILIATED TO MAKAUT, WBSCT & VE & SD GOVT OF WEST BENGAL



Admission Helpline :-

 **9007030162 / 9007030142**

 Santiniketan - Sriniketan Bypass , P.O.- Doranda , Bolpur , West Bengal -731236