ADMISSION 2023-24



NAAC B++ Accredited

BENGAL INSTITUTE OF TECHNOLOGY

ISO 9001:2015 (QMS) &21001:2018 (EOMS) Certified

A UNIT OF TECHNO INDIA GROUP









Techno India Group

The Techno India Group (TIG) for the past 36 years, has evolved into the largest educational conglomerate of Eastern India and is committed to maintaining high standards in providing quality education. The TIG has spread its wings in diverse sectors across the globe like Management, Medicine, Nanotechnology, Biotechnology, Food Technology, Construction Technology, Architecture, and Media Science. BIT, established in 2000, is one of the premier Institutes of TIG.





About BIT

Bengal Institute of Technology, Kolkata (BIT), established in the year 2000, is one of the earliest self-financed institutes in the State of West Bengal, set with the objectives of imparting higher education, research, and training in various fields of engineering & technology. From the fresh young minds BIT aims to bring out the best engineers, entrepreneurs, and researchers, who will work for a better tomorrow of society. The institute is affiliated to Maulana Abul Kalam Azad University (MAKAUT) formerly known as West Bengal University of Technology (WBUT) and approved by AICTE.





To become an institute of excellence in engineering and technical education, and produce skilled technical manpower of high quality with a high degree of social commitment to compete in the global market as a quality human resource to society and industry.

Mission



- To offer a state-of-the-art undergraduate programme by providing a congenial teaching-learning (T-L) and contending environment.
- To create an ambiance in which new ideas and cutting-edge research flourish through effective curriculum and infrastructure, to produce the motivated leaders and innovators of tomorrow.
- To apply and disseminate Information and Communication Technology (ICT) in the T-L process, including providing both hard and soft skills to students.
- To provide quality resources (Physical & Human) for producing ethically strong & morally elevated human resources to serve mankind.



The institute provides B.Tech in the most sought-after courses of Computer Science and Engineering (CSE), Computer Science and Engineering (Artificial Intelligence & Machine Learning) (CSE-AI&ML), Electronics and Communications Engineering (ECE) and Information Technology (IT).

Courses Offered	Intake
B.Tech in Computer Science and Engineering	150
B.Tech in Computer Science and Engineering (AI&ML)	60
B.Tech in Electronics and Communication	30
B.Tech in Information Technology	60

Eligibility

B.Tech (4 years): 10+2 and rank in WB JEE/ JEE (Main)

B.Tech Lateral Entry (3 years): Diploma / B.Sc





Accreditation and Recognition



- The institute is affiliated to the Maulana Abul Kalam Azad University, West Bengal (MAKAUT) formerly known as West Bengal University of Technology (WBUT). All the existing academics are accredited by the All India Council of Technical Education (AICTE), under the Ministry of Education (MOE).
- The institute has been accredited by NAAC with B++ rank for 5 years, in the 1st cycle, in the year 2022.
- BIT is ISO 9001:2015 (QMS) & 21001:2018 (EOMS) Certified.





Institutional Ranking Framework (NIRF) rankings done by the Ministry of Human Resource and Development. In the year 2016, BIT got 91st rank in India and 5th rank in West Bengal. The institute also got placed in the NIRF rankings in the years 2018 and 2020 as well.







BIT takes pride in its quality teaching-learning process. The education in BIT is an experience in itself. Besides the usual MAKAUT-approved syllabus-oriented studies, the students are also exposed to participation and organization of a number of interdisciplinary programmes like debates, group discussions, group tasks, seminars, webinars, hackathons, and brainstorming sessions. These programmes help inspire, encourage and motivate students to develop their leadership quality, interpersonal and communication skills. The students are assessed using several continuous assessment methods such as unit tests, quizzes, assignments, projects, and term papers, and finally, on the basis of the university end-semester examinations.

Flexible Learning Technology

- The Institute employs different teaching-learning methodologies like blended learning, holistic learning, Problem-based learning, and Outcome-based education with the objective of developing and nurturing a culture of excellence in Teaching, Training, and Research in Engineering Education.
- The Institute's Academic calendar is designed in accordance with the University before the commencement of the semester.
- Students' attendance is monitored on a daily basis by the online attendance system, and guardians are notified periodically about the class attendance of their wards.
- Continuous evaluation of students' performance is followed at the Institute by means of Assignments, Sudden Tests, Unit Tests, Term Papers, etc.
- The institute puts a high value on developing and maintaining a congenial relationship between students and faculty members. Students are assigned mentors who help them resolve their problems, both academic and personal.
- Special attention is paid to soft skill development programs like Attitudinal development, Personality development, and Inter-Personal Skills. Time Management, debating ability, professional ethics etc.

Laboratories

Each and every department of the Institute is well-equipped with state-of-the-art instruments, equipment, servers, workstations, routers, and other amenities required to conduct the experiments corresponding to the practicals, projects, and different technical contests such as hackathons, and research work. The Biotechnology department can boast of its wonderful laboratory setup, where students from outside India also come for research.

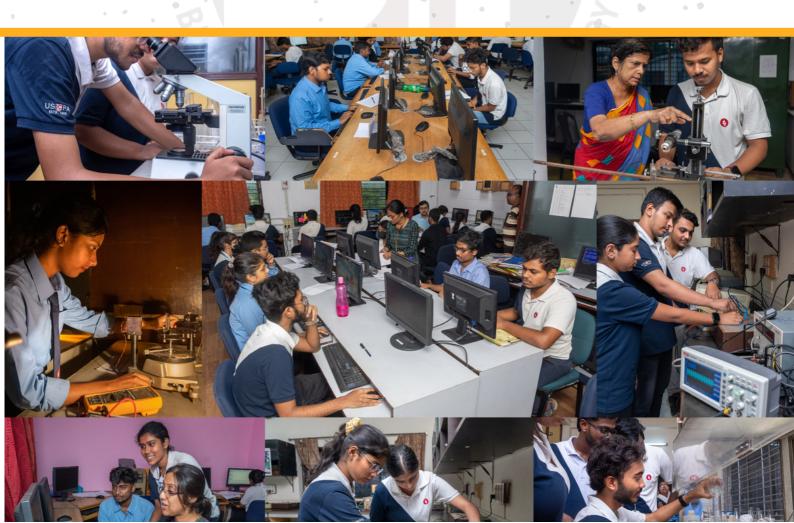
Laboratories for IoT and Machine Learning are also in place to quench the thirst of the students who want more than the university-guided curriculum only.

Skills Enhancement for Better Employment

Students attend the soft-skills enhancement program organized by the college every year. Students are trained in communication, teamwork, leadership development, attitude building etc.

Transport Facility

Being located near Science City, Kolkata, the institute can be said to be in the neighbourhood of the heart of the city. This facilitates easy communication from and to the college. Govt. and private bus services are easily available throughout the day. Not only that the institute provides bus services to the students from and to Ruby Hospital & Science City.

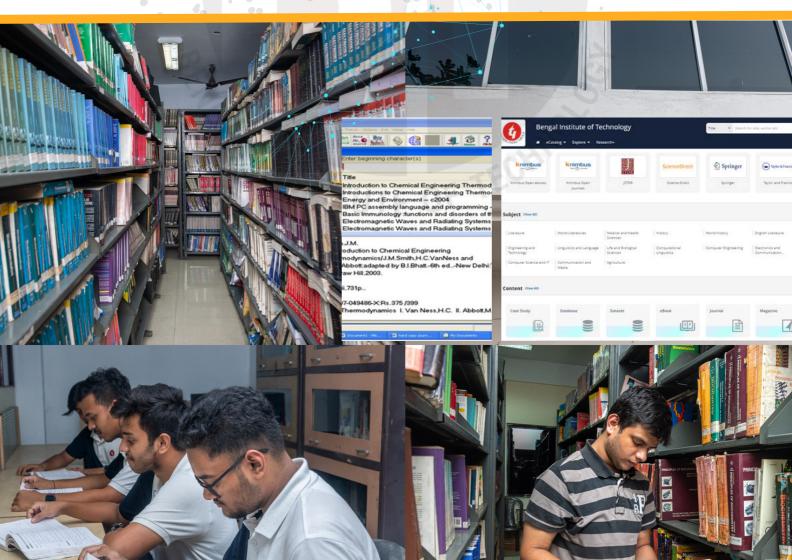


Library

- Well-equipped library with almost 3000+ titles and, 35000 monographs (Books)
- E-journals and E-books through Knimbus E-Library solutions, a user-friendly Web Portal and Mobile App for seamless access, and a completely branded and customized interface designed for our institution.
- Almost 500 CDs, DVDs, Cassettes, and supplementary book CDs.
- Book-bank and daily book lending facilities.
- Well-organized reference collection for further study.
- Spacious reading room for 150 students with Wi Fi facility.
- Help desk for students for retrieving the right documents.
- Card and Online Public Access Catalogue (OPAC) author, title, and subject wise arranged.
- Subscribed to 29 National and International Hard Copy Journals, really helpful for the user community. It covers a broad knowledge spectrum from microwaves to Software Engineering, from Operation Research to Artificial Intelligence, and so on.

Research Publications

Every year a good number of publications are made by the teachers and the students, in various SCI, SCOPUS, WoS indexed refereed journals, conferences, and as book chapters. Many teachers are involved in the authoring and editing of books.





Clubs



Apart from the regular academics, the students participate in several recreational activities carried out under several clubs like the drama club, drone club, solar energy club, Autobit, Sabbit and Hack-it-on, to name a few.

Autobit

AUTOBIT, The Official Robotics Club of Bengal Institute of Technology, acts as one such Neverland for the innovative Peter Pans out there. Founded and maintained by the Department of Electronics and Communication Engineering, AUTOBIT has been successful in achieving great success in supporting innovative technical ventures of students and securing prestigious positions at both national and international levels.

Hack-it-on

<hack-IT-on/>, the official Tech. Club of Bengal Institute of Technology aims at promoting the coding culture in the institution by organizing workshops, hands-on sessions and hackathons. The club organizes weekly meetups where members have hands-on sessions in a new technology under the supervision of the working committee of the club.

Sabbit

The students of Biotechnology department formed the Students Association of Biotechnology, BIT (SABBIT) as a govt. registered independent forum through which awareness about biotechnology and its prospects are spread among the college students as well as the public in the state. Among other activities, SABBIT organizes every year a one/two-day seminar/webinar on burning issues like Recent trends in Biotechnological research, Entrepreneurship opportunities in biotechnology, etc besides debate, scientific, and review poster competition.

Drone Club

Students of BIT have a club which trains the students about drones and to build them. The students are encouraged to participate in different drone related competitions and activities organized by different institutions.



Institution's Innovation Council (IIC)



The Ministry of Education (MoE and erstwhile MHRD) in the year 2018, through MoE's Innovation Cell (MIC) had launched the Institute's Innovation Council (IIC) program in collaboration with AICTE for Higher Education Institutions (HEIs) to encourage the creative energy of our student population as well as to systematically foster the culture of innovation and start-up/entrepreneurial ecosystem in educational institutions.

BIT's IIC works under the MoE's guidelines and organizes various hackathons, workshops, seminars, webinars, and conferences throughout the year when the students and teachers all participate with great enthusiasm. The institute has received the highest rating of 4 stars in the two consecutive assessment years in a row.



Professional Body Membership



Indian Society for Technical Education (ISTE): BIT has set a significant position to conduct different ISTE events in West Bengal Section. It has both the Student and Faculty Chapter of ISTE. The Best Student Chapter had been awarded to BIT in 2012 and 2017 from West Bengal Section.





Institution of Engineers (India) [IEI]: BIT is an active Institutional member of IEI. IEI funds technical Events and R & D Grant-in-Aid scheme projects.





Community Services



The institute has always come forward to be associated with the community services. It has been organizing several community development events through out the year, from over 18 years. Programmes such as tree plantation, blood donation camps as well as cultural and sports events for the people belonging to the rural surroundings of the college and under-priviledged children are organized. All the students actively participate in those programmes with grat enthusiasm.











Achievements

- Consistently excellent overall performances in university (MAKAUT) examinations over the years.
- In the last five convocations, BIT students received 5 GOLD, 6 SILVER, and 4 BRONZE medals from the University.
- A team of BIT 1st year students were the winners of Smart Bengal Hackathon, 2023, and 1st Runner-up in the Intercollege Project Competition on "Prototype for mankind" conducted by Heritage Institute of Technology.
- One of our final year students of B.Tech (CSE), was the winner of the UNESCO India-Africa Hackathon, 2022.
- One out of the two, Smart India Hackathon, 2022, finalist teams in their respective categories, was the winner.
- A short film by a 2nd-year student received the "Sharodia Sera Short Film" award in 2020. (Film)
- One of the students was awarded Best Director in "Kalakari Film Festival 2021".
- Excellent performances in different All India exams like GATE, CAT, NET, GRE Ranked 2nd (2012), 16th (2016), 198(2018), 398(2018), 319, 519, 543, 1050 (2019), 310, 323, 608 (2020), 320, 355, 360, 409, 414 in GATE (2021)
- More than 65 students succeeded in CAT & GRE in 2019-22
- 8 students received the "Best Paper Award" in different reputed National and International conferences in 2019 22.
- One of our college teams was the winner of Bengalathon 2019.
- One team was the runner-up of the hardware edition of SIH'19 (Smart India Hackathon), organized by MHRD and AICTE.
- 3 teams of our college were among the top 20 teams out of more than 450 teams of the Future Proof Hackathon, 2020.
- 5 teams from BIT were in the top 20 on the Self-Reliance-based Intelligent India Hackathon
- Three of our students have published their books in the fiction category by renowned publication houses.
- More than 25 publications by students in SCI/SCOPUS indexed journals or conferences or book chapters in the past 3 years.

Higher studies

- More than 250 students of our college have either completed or, are currently pursuing their Post-Doc./PhD/MS/MBA from highly rated universities like Arizona State University, Illinois University, University of Manchester, University of California, Technical University of Munich, South Dakota State University, Wright State University, University of Texas, SUNY Buffalo, University of Florida, to name a few, across the globe.
- Our students hold the positions of Professors, Scientists, and Research Associates in many prestigious foreign universities.



Technical and Cultural Events



Bits2Bytes

Bits2Bytes the technical Fest of BIT, is one of the oldest Technical Fest in the State of West Bengal. The event has esteem significance in the field of creativity, motivation, technology innovation, and psycho-motor skill development among the new age laureates. The goal of the Tech-Fest is to take the initiative to produce some sustainable outcomes of the events, such as aeromodelling, drone making, Arduino based autonomous robotics projects and Android-based projects given by well-established experienced pass-out students of the institution, who are working in responsible positions in renowned industries. We have also introduced some research-based events like poster presentation, term paper, and Ideathon, which we think will motivate students towards research and development.

Impulse

Every year the BIT celebrates it's cultural fest - Impulse, one of the most participated and successful cultural fiesta since a long time. Impulse is one of the most exquisite and highly appreciated cultural festivals in Kolkata. Every coming year is seeing the development of our cultural fiesta and each year it is emerging out with huge success, with large number of participating colleges from different parts of the city. We come up with endearing, innovative and enriching events every year which students from all over Kolkata participate and attend.

Lithium

Every year the institute grandly welcomes its new members, the first-year students, who take new admission. The day is celebrated as "Lithium", where the senior students, under the supervision of the teachers, organize colourful events in the presence of experts from industry and academia.

Product-Fair

To showcase the innovative side and entrepreneurship qualities of its students, BIT started an event called the Product Fair. One of its kind, this fair focuses on proposing and building marketable prototypes, by the students and acquiring a patent or copyright over them.









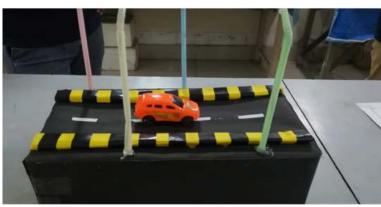


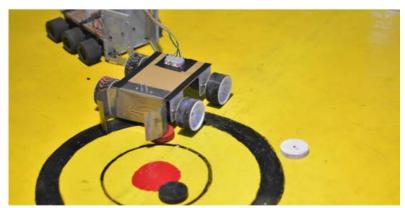












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Sports Events









Students of BIT organize and participate in various sports events throughout the year. they have many in-house tournaments like the BITPL, Carrom League, etc for the games like football, cricket, carrom, etc. Teams from BIT have been participating and achieving success in various college-level, university-level, state-level, and national-level sports events and there are medal winners in the different national sports events.



The training and placement cell (TPC) of BIT works relentlessly and showcases excellent placement records. Almost all the students are successfully placed in reputed companies through on-campus and off-campus interviews in the last 20 years. Some worth mentioning activities of the TPC are:

- Ensure every student gets equipped with all the requisite skill sets to take up a fulfilling career of his/her choice.
- Proactively interact with various professional & Industry bodies and promote student's interests in different forums.
- Conduct various programs developed by corporate.
- Training faculty members on different skill sets is required for effective classroom delivery.
- Leverage different industry connections for offering continuing education programmes/consultancy by departments.
- The training programs offered to the students of BIT are scientifically planned and organized to ensure that the students derive maximum possible benefits.
- The flagship training program viz., Animus is offered to the students at the end of the 6th Semester.

Industry Institute Partnership

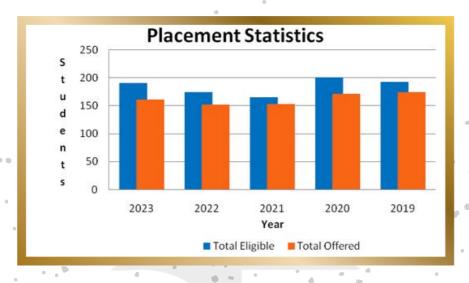


- MoUs with University of Wisconsin Platteville, USA & OpenPower Foundation of IBM, USA and with Infosys Campus Connect for upholding the interest of Students.
- Accredited to TCS and Capgemini.
- Institute-industry collaborations such as Infosys Campus Connect, Wipro Mission 10x, and partnerships like that with TCG life sciences.





Last 5 years Placement Statistics (till May, 2023)



Our Notable Recruiters

221 B Baker Street	ENAT	Labvantage	TCS CODEVITA
360 CLOUD	ERICSSON	LTI .	TCS DIGITAL
ACADEKRAFT	EXAVALU	Lumen Technologies	TCS NINJA
ACCENTURE	GLOBAL IDS	MINDTREE	TECH MAHINDRA
AMAZON	GYANSYS	Mphasis	TECHIMAX
AMDOCS	HASHEDIN	NAGARRO	TECHNOVERT
ARC	HCL	NATIT	THRILLOPHILIA
ARTECH	Hexaware	NIHILENT	TM International Logistics
ATOS	HP	Nihilent Limited	UNIFIED INFOTECH
BYJUS	IBM	NIRFT	UNSCHOOL
Capgemini	ICONMA	ODESSA TECHOLOGIES	VALUEBOUND
CHEGG INDIA	INFOSYS	Persistent	VALUED EPISTEMICS
CLINISYS	InGreens	PLANETSPARK	Valuemomentum
CLOUDKAPTAN	Inmovido	PwC	VIRTUSA
CodeYoung	INTELLIPAT	RAKUTEN INDIA	WHITEHATJR
COGNIZANT	ITC	Royal Research	WIPRO
DIEMATICS	ITC INFOTECH	Sonodyne	XENONSTACK
DTDC	KEKA	SOPRA STERIA	ZENSAR
E&Y	KELLTON	STOCKEDGE	ZIFO
一 [2] [4] [4]	KNOLDUS	TCS	ZS ASSOCIATES

MEDIA COVERAGE



JDGING FROM THE SKILLS STUDENTS OF THE BENGAL INSTITUTE উল্লেখনী অনুষ্ঠান। ওক্রবার, হাজরা বোডে ECHNOLOGY EXCEL IN, IT WON'T BE LONG BEFORE INDIA CAN TAI WN LESOUCES AND COME UP WITH EXPERTISE ON A PAR WITH VTERNATIONAL STANDARDS, SAYS OINDRILA MUKHERJEE



স্থাতী চক্রবর্তী

ছাত্রদের তৈরি দ্রোন উড়ল আকাশে। ১৫ ও ১৬ মার্চ বাসন্তী হাইওয়ের কাছে এক বেসরকারি ইঞ্জিনিয়ারিং কলেজের প্রযুক্তি উৎসব, 'বিটস-টু-বাইটস ২০১৬'-এ। ছিলেন যাদবপুর विश्वविদ्यानस्यत्र यद्ध-श्रयुक्ति विভारमञ्

আনন্দবাজার পাত্রক



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বঙ্গল ইনস্টিটিউট অফ টেকনোলজির দশম বার্ষি অনুষ্ঠানের সূচনায় অশোকরঞ্জন ঠাকুর, প্রসূন দাস गान्त्री तायरहोधती, फि ताय



১২ মার্চ ২০১৭

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য়ারিং

মোশন দেওয়া হয়।

YTES **RSTITUTE OF TECHNOLOGY,**

amalgamation of both technical schnical events. The first day will elims of Robotics - Robo War, Robo Rally, Wild Soccet, Robo Carrom, Area 51, Aerostorm, Coding, Trivia, Garring - Fifa, NFS. Counter Strike and artistic t click-o-flick and short filg

Moreover, there will be on spot ecuandetective hunt and poster making Con-

STAND-UP EVENINGS, (CORS COMEDY SHOW

CAAFE 360 DEGREE, 7 PM

র উপস্থিত ছিলেন টেকনো ইন্ডিয়া গ্রুপের Stand-up evenings is an hour-longal, বেঙ্গল ইঞ্জিনিয়ারিং অ্যান্ড সায়েন্দ show with city's best comedians পাচার্ নিখিলরঞ্জন বন্দ্যোপাধ্যায় প্রমুখ। corban Dasguela Valthar Sellar , রোবেটদের মধ্যে যুদ্ধ, চলচ্চিত্র প্রদর্শনী, , রোবোটিক্স ও বিজ্ঞান বিষয়ক আরও losh and Saurav Goyal. ঐতিযোগিতা। ৪০০ জনেরও বেশি পড়য়া



। টেকনোলজি ফর আর্থ: ৬ ও ৭ মার্চ এই

দাপেন্দু বিশ্বাস। দুর-দুরান্ত থেকে 📼 প্রতিদিন বসিরহাট হাটে বহু লোক আসেন। আশপা চাষিরাও তাঁদের উৎপাদিত ফসল নিয়ে আসেন এই থেকেই নৌকায় করে পণ্য সুন্দরবনের প্রত্যন্ত এলাকায় দীপেন্দু বলেন, 'বসিরহাট পুরাতন বাজারের হাটটি দ সংস্কারের অভাবে বেহাল অবস্থায় রয়েছে। রাজ্য সরব টাকা বরাদ্দ করেছে হাট সংস্কারের জন্য। কৃষক ও ব্যব মাথায় রেখে ছাউনির পাশাপাশি নিকাশি ব্যবস্থারও সংস্ক

কানের যত্ন

সম্প্রতি 'কানের যত্ন দিবস' উপলক্ষে विश्वतम् विरय সাইকেল মিছিল বের হল হিঙ্গলগঞ্জে। এলাকার একটি স্থেছাসেবী সংগঠনের হিঙ্গলগঞ্জের



কেওড়াখালি থেকে শুরু হয় সাইকেল মিছিলটি। শেষ বিডিও অফিস চত্বরে। এলাকার কয়েকশো প্রতিবন্ধী দেন। তাঁদের হাতে ছিল কানের যত্ন নিয়ে পোস্টা

MEDIA COVERAGE



THE TELEGRAPH THURSDAY 6 APRIL 2017

reign of robots at tech

its 2 Bytes 2017, the two-day annual fest of Bengal Institute of Technology, held in association with The Telegraph from March 6, saw participation from more than 10 colleges. Jadavpur University, Heritage Institute of Technology, Academy of Technology, Institute of Engineering & Management, BP Poddar Institute of Management & Technology and Seacom Engineering College were some of them. About 30 events, aranging from Robo War to Quad-X, the drone flying competition, were held on the Bamanghata campus. Snapshots...



the Auto-tech arena, seven teams fight it out with their robots as others cheer on



Maze-o-Craze: First-year students of BP Poddar Institute of Technology find their way out of the maze with the help of a robo



m. (T.R) Biovision: (L-R)
Bodhidipra Mukherjee
and Indranuj Roy,
second-year students
of Bengal Institute of
Technology, try some
chemical experiments







Electrophilia: Switch on the lights or switch them off at the click of a button! Fourth-year students of Bengal Institute of Technology came up with an app that can control your house from wherever you are. "We have created a website called Smarthouse, om and the app is called Smarthouse," said the 'smart' box



Framed: More than 40 paintings and photographs were displayed in the campus. "It was an online competition and we had more than 90 registrations from which we selected these 40 paintings and photos," said Swagato Bhattacharya, a third-year student of Bengal Institute of Technology, who



(L-R) Su Paul and Aniket Roy, third-year students of Bengal Institute of students of Bengal Institute of Technology, with their handma plane. "We saw our seniors ma it, so we tried making one with the help of Palash (Paul) sir, a project consultant from ITT Kharagpur," said Subarna.



Handmade robots struck carrom men into pockets and gained points for the students



: Students scored goals with the help of robots.



t t2 gives a thumbs-up to



Malancha Dasgupta

could not help but clap their hands and tap their feet to the beats of

Rajdeep's



Clengal Institute of Technology danced to the beats of Ve group dance competition, the only inter-college event at he institute's annual fest, in association with 12. The two-lege fest held at Rabindra Bhawan, Dum Dum, on March i host of events such as fashion show, dance, music, drama Die started preparing for the fest a month in advance. We're veryone for making it huge and we hope Impulse'18 is 'Gil by our juniors. Stay Impulsive!' said Raunak a core committee member of Impulse'17.



(L-R) Tirtha Pratim Mandal, Arnab Chakraborty and Aloka Majum first-year students of Bengal Institute of Technology, were the crowd favourites in the band event.



The highlight of the fest performance by Rupani the second evening. The singer mesmerised with like Tobu jodi tumi aste Bhokatta, Priyotoma, E Bhokatta, Priyotoma, E kemon tumi.... He also p tribute to Kalikaprasad Bhattachariee of Dohar died in a car crash reces



Students of Bengal Inst of Technology had the audience in splits with t perfect comic timing in drama event.



Singer Rajdeep Chatterjee made the audience groove to chartbusters like Be Intehaan, Pehli nazar



music. Students of Bengal Institute of Technology on

was Indo-Western wear.



Sudipto Bhattacharya, professor of IT and computer science and the convener of the fest, sang Dooba dooba rehta hoon, Aankhon mein teri, Tum jy mil gaye ho and more.

Shuffle-U, a band by (l·r) Sharful Umair and Faraaz Jabbar, third-year students of Bengal Institute of Technology, had a pre-launch of their new song *Uncultured* at the fest.



We are the shapers of great minds.



Ontact Us

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