



भारतीय प्रौद्योगिकी संस्थान भिलाई

INDIAN INSTITUTE OF TECHNOLOGY BHILAI



INFORMATION BROCHURE

FOR STUDENTS - 2023



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From the Director's Desk

First, I congratulate you for being admitted to IIT Bhilai, and I welcome you all to the IIT Bhilai family. The next phase of your journey begins in one of India's foremost institutions. I am sure that you must be thrilled about your stay at IIT Bhilai. We are excited to meet you.

To help your smooth transition from JEE rankers into IITians, IIT Bhilai has set up a Student Mentorship Program (SMP). Being new students, many of whom will be leaving their homes for the first time, it is natural that you may face some difficulties in adjusting to your surroundings. You may have many queries about the admission process, academics, etc. To address these problems, IIT Bhilai has SMP mentors who will help you at every step of the way, both before and after you have been enrolled.

As you may already know, IIT Bhilai is a relatively young institute, and this youthfulness brings along with itself liveliness, freshness, and novelty to its academics. We have embraced many new creative concepts, resulting in a hands-on curriculum, interdisciplinary education, and the freedom to introduce advanced topics early.

IIT Bhilai provides our students with numerous new facilities and opportunities. Yet I must remind you the road ahead won't be devoid of hardships. You must work diligently to build not just your career but the identity of this institution as well. In what IIT Bhilai is to become, your role will be a defining one. You shall form close bonds with your mentors, batchmates, and seniors in these years, and we must, as a family, strive to reach for the stars.



Prof. Rajiv Prakash

Director, IIT Bhilai.

Greetings from IIT Bhilai



Dr. Rahul Jain
Faculty In-charge,
Dean of Students' Affairs

A hearty congratulations and a warm welcome to you all. Students are the heart of the campus, and it is they who make it lively. You are the first batch joining directly on our permanent campus. You shall experience good campus life and will also play a vital role in developing the campus culture. Here, at IIT Bhilai you will get ample opportunities to excel in academics as well as in extracurricular activities. Your technical competency would be trained and mentored by faculty members who are among the best in their fields. In campus life, you will also get a chance to develop hobbies based on your interest and passion. You are entering into a phase that you will cherish for the rest of your life. So, try to make maximum benefit out of it. You are more than welcome to reach out to the students' affairs office in case of any doubt or problem. At last, I wish you a very pleasant and memorable stay at IIT Bhilai.

With a great joy and sense of pride I on behalf of the Office of academic affairs welcome you to the IIT Bhilai family. Creating the right ambience on campus for a vibrant knowledge and intellectual system is one of our top priorities. I am confident that you will get the best facilities and ambience in our campus. Role of an academic institution is to generate and disseminate knowledge among the society for further growth and wellbeing. IIT Bhilai is committed to provide a conducive environment and resources to acquire technical skills and foster innovation. I am sure that you will devote your time into academics and gain a lot of knowledge, skills, and experiences during your stay with us and grow as an individual. The office of Academic Affairs ensures the overall growth of students by offering a conducive and constructive learning environment. We will make sure that we support and encourage you as you embark on your academic journey with us.



Dr. Udayraj
Faculty In-charge,
Dean of Academic Affairs



Dr. Vishwesh Jatala
Chairman,
Student Mentorship Program

I congratulate and welcome you all for being admitted to the IIT Bhilai. The student mentorship program at IIT Bhilai organizes orientation programs for the new batch of students to get familiar with academics, institute facilities, student life, and various events. The institute provides a vibrant environment and ample opportunities to excel in technical skills and actively participate in co-curricular activities. As you arrive new to the institute, the team of the student mentorship program is dedicated to providing you with all the assistance and support you need. I wish you a memorable stay at IIT Bhilai and a successful career.



Dr. Rukmankesh

Associate Head,
Department of Bioscience & Biomedical Engineering

Congratulations on your admission to IIT Bhilai. We welcome you and wish you the very best for your stay at IIT Bhilai. We believe that your journey here will help you achieve your professional goals. IIT Bhilai aims to provide the best opportunities for its students. The newly established Department of Biosciences and Biomedical Engineering (BSBME) focuses on applying science and engineering principles to develop fundamental knowledge and its applications in the realms of biology. The interface between biology and engineering as incorporated in BSBME is one of the exciting fields of the 21st century. We aim to inculcate cutting-edge research in the field along with world-class teaching. We shall train the students to tackle real-world biomedical and biotechnological problems.



Dr. Sanjib Banerjee

Associate Head,
Department of Chemistry



Prof. Santosh Biswas

Head,
Department of Computer
Science and Engineering

On behalf of the department of Computer Science and Engineering, I congratulate you all on qualifying through various competitive exams of the country and making it to IIT Bhilai. A warm welcome to you all. IIT Bhilai harbors the unrelenting ambition to be in the vanguard of technological leadership and innovation, both nationally and globally. Till the current semester, disciplines of Computer Science and Engineering (CSE) and Data Science and Artificial Intelligence (DSAI) were operational under the aegis of the Department of Electrical Engineering and Computer Science (EECS). The new semester will see operationalization of the disciplines of CSE and DSAI under the dedicated academic department of CSE. Dedicated academic department is envisaged to leverage the ample amount of infrastructure available in the permanent campus to facilitate dedicated professional core courses, elective courses, labs, and projects related to the trade of the department. From the student's intake perspective, the number of PG students is made twice for both the CSE and DSAI disciplines and doubled for the UG program of DSAI. Enhancement in funding due to growth in the number of students and faculty members, is expected that will enable establishment of high-end dedicated laboratory facilities, scope for funding related to projects, conferences etc.

Your technical journey in the department will be comprising of a vibrant set of theoretical courses, hands-on experiments in laboratories having the latest equipment and interesting research projects. Apart from the technical aspects, I hope that all of you will participate actively in co-curricular activities and make your stay in IIT Bhilai an enjoyable and enriching experience.



On behalf of the department of Electrical Engineering, I congratulate all the students on qualifying various competitive exams of the country and making it to IIT Bhilai. A warm welcome to you all. IIT Bhilai harbors the unrelenting ambition to be in the vanguard of technological leadership and innovation, both nationally and globally. Your technical journey in the department will be comprising of a vibrant set of theoretical courses, hands-on experiments in laboratories having the latest equipment and interesting research projects. Apart from the technical aspects, I hope that all of you will participate actively in co-curricular activities and make your stay in IIT Bhilai an enjoyable and enriching experience.



Dr. Nitin Khanna
Associate Head,
Department of Electrical
Engineering



Dr. Arzad Alam Kherani
Associate Head,
Department of ECE

It is my pleasure to extend a warm welcome to you as you embark on this exciting journey towards becoming engineers. I also personally thank you for showing confidence in IIT Bhilai by joining us. I assure you that the faculty members and staff at IIT Bhilai will work for the best interest of your personal and professional aspirations. The Department of Electronics and Communications represents one of the most promising technical fields in today's world, and it has a great responsibility in Nation building when the country is looking at self-reliance in the fields of communications and electronics. The Institute (IIT Bhilai) is new and the department of ECE is also just coming up. You will find very young and eager faculty members trying to make significant progress in technology, thereby making a place for IIT Bhilai and the department of ECE in the National technical education and research landscape. You are welcome and encouraged to make the best use of this opportunity, for yourself, as well as making IIT Bhilai and ECE department a great place. You are always welcome to directly approach faculty members, including me, for any assistance you may require, and equally importantly, for any input you may wish to provide towards improvement in any aspect (academics or otherwise) of IIT Bhilai and ECE Department. Once again, welcome to the exciting and rewarding world of engineering. I wish you all the best in your academic pursuits and beyond.

On behalf of the Department of Liberal Arts, I would like to take this opportunity to extend a heartfelt welcome to all of you. The Department of Liberal Arts offers core courses in Economics and English and elective courses in the disciplines of Economics, English, and Psychology. Knowledge of these subjects is essential for all engineering students to equip themselves to face the challenges of professional life which lie in store for them. The department also runs a robust doctoral programme and has a strong research profile. The department has a growing collection of books to and are added every semester. The faculty team is also steadily growing.

Your association with IIT Bhilai has been the result of all the hard work you have done so far, and I urge you to continue your diligent efforts in building your career in the years to come. Our well-qualified faculty members will guide you at every step of the exciting journey you are about to embark on. I wish you all the very best for your bright future. May you excel in all walks of life and take the name of this institute to new heights.



Dr. Anindita Ghosh
Associate Head,
Department of Liberal Arts



Dr. Raghavender Medishetty
Associate Head,
Department of Materials Science &
Metallurgical Engineering

I heartily congratulate and welcome all students recently admitted to the Department of Materials Science and Metallurgical Engineering, IIT Bhilai. This department is one of the new and is expected to lead to several technological developments and their commercialization. In addition, IIT Bhilai is also situated near the SAIL-Bhilai Steel Plant (SAIL-BSP), the oldest steel plant in India, which might help the students have good industrial experience, academics, and placements. Subsequently, students will be exposed to the latest industrial technologies and processes that promote developing peer research knowledge and current industrial needs and developments. Our department also has high-quality faculty members who worked at world-renowned institutes and had renowned research publications along with qualified teaching abilities for the best quality education and training with international standards. With this, I wish you all a pleasant stay at IIT Bhilai and a great professional career ahead.

On behalf of the Department of Mathematics, I express my heartfelt welcome to all of you. Nobody becomes a prominent Engineer/Scientist without significant knowledge of Mathematics. Our department helps the entire Institute for UG/PG students of Engineering and offers various core and elective courses for B. Tech students. The department aims to pursue excellence in Mathematics through teaching. We are fulfilling our objectives with the help of significantly experienced faculties in our department. Also, our department runs a postgraduate program in Mathematics and Computing and a doctoral program that attracts research in all branches of the discipline.

Your association with IIT Bhilai has been the result of all the hard work you have done so far, and I urge you to continue your diligent efforts in building your career in the years to come. Our faculty members' mission became to work with you to help show you the way. We aim to help you understand that choices can be made today that will make a difference for the rest of your lives. I wish you good luck in all your future endeavors. May you excel in all walks of life and take the name of this institute to new heights.



Dr. Avijit Pal
Associate Head,
Department of Mathematics



Dr. Soumya Gangopadhyay
Associate Head,
Department of Mechanical
Engineering

I would like to heartily congratulate and welcome all the students who recently secured admission into the Department of Mechanical Engineering, IIT Bhilai. Since its inception in 2016, our Department has witnessed a steady growth in terms of number of students graduated, highly qualified faculty members, well-trained laboratory staff, various outreach activities, involvement in cutting edge research including high quality publications in international journals and externally funded projects. Our modern course curriculum is duly complemented with the state-of-the-art laboratories and research facilities. We strive to build an academic environment by promoting innovation and hands-on training-based teaching and learning platform. We wish you all a pleasant stay at IIT Bhilai and a great professional career ahead.



Dr. Sudhanwa Patra
Associate Head,
Department of Physics

Congratulations to all the brightest minds on being accepted into IIT Bhilai and welcome to all on behalf of the Department of Physics. As you begin your academic journey with us, we want you to know that you are among our most valued assets, and we are committed to supporting you every step of the way. Having been established in 2016 along with the inception of the institute, the Department of Physics at IIT Bhilai has already made a name for itself at the national and international level. Our faculty members have secured several sponsored research projects, national-level awards, and research collaborations across the globe, which is a testament to the high caliber of teaching and research that takes place in our department. In the coming years, you will have the opportunity to learn from some of the best minds in physics and to work alongside them on cutting-edge research projects too. We believe that physics is an exciting and dynamic field, full of opportunities for discovery and innovation. Our goal is to inspire and challenge you, to help you develop your skills and knowledge, and to prepare you for a successful career in physics. Thus, the undergraduate and postgraduate degree programs here are designed to provide our students with a solid foundation in physics and to prepare them for successful careers in academia, industry, or research.

Greetings to the new blood of IIT Bhilai! After a long and tough journey of early morning routines, JEE problem sheets and weekend mock tests, you are finally here. Kudos to you. Your setting is no longer in a black-and-white filter as in 'Kota Factory,' it is rather bright and colourful. In an IIT, like ours, there is abundant potential and even more opportunities, waiting to be tapped. It is a new world altogether with passionate people chasing their dreams.

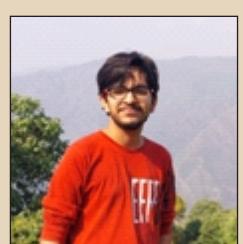
Apart from the traditional academic excellence, we work to foster an overall holistic development in sports, culturals, science and technology. An engaging student culture with a vibrant and diverse community awaits you here, to carve the most memorable and fruitful years of your life. You are highly fortunate to be the first incoming batch while our institute is going through a historic transition of campus. The future shall be tremendous and I along with my Council of Student Affairs (CoSA) are here to support you in every way possible. I welcome you to this adventurous journey of self discovery, where you will be constantly challenged to push your limits, where you will begin to question your earlier notions on several things, where you will meet people who will reshape your life forever, where you will not just learn to be an engineer but a better person.



Sooraj Reddy
President,
Council of Student Affairs,
COSA

Welcome, fellas! First, congratulations to all of you for excelling in India's most rigid examination. Now is your time to live fully and see the world outside your books. Though academics will be essential, it's time to develop yourself to withstand a world beyond your expectations. Be bold, be curious, and prepare to face all the new experiences in your upcoming journey. And be more interactive with your seniors, and do take help from us when you get stuck at any point in your life.

Chetan
Btech, CSE'22

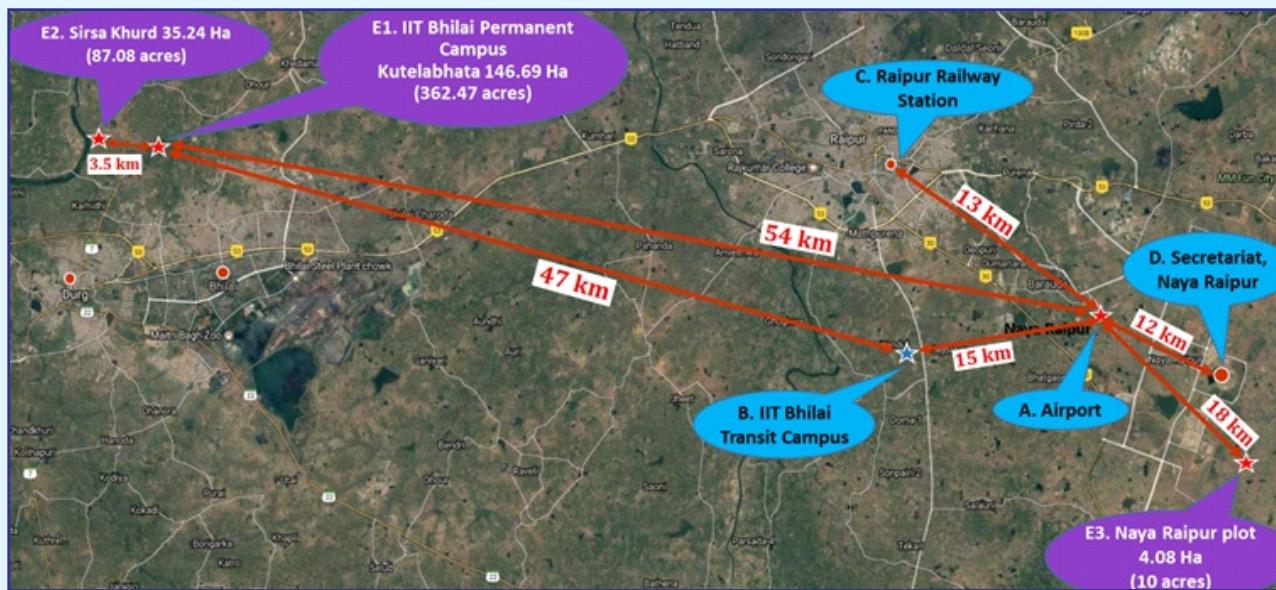


IIT Bhilai

Indian Institutes of Technology are centrally funded, autonomous institutes encouraging Academic Excellence. There exist 23 IITs and IIT Bhilai is one among these that is established in the state of Chhattisgarh by the Ministry of Human Resource and Development in the year 2016. The Institute offers Bachelor of Technology (BTech), Master of Technology (MTech), Master of Science (MSc) and Doctoral programs (PhD) in various departments.

The transit campus is located at Government Engineering College (GEC) Raipur. The permanent campus of IIT Bhilai is located in Kutelabhatta village, Bhilai, District Durg. The campus is well connected through major modes of transport as it is 5 km from the Great Eastern Highway, 6 km from Durg junction railway station (the most prominent and important station in Howrah–Nagpur–Mumbai line) and 54 km from Swami Vivekananda Airport, Mana, Raipur.

Location Map of IIT Bhilai



The permanent campus of IIT Bhilai is planned to be a complete self-sustaining residential campus and will be developed in phase manner. Comprising three zones, i.e., Academic zone, Hostel zone and Residential zone, the campus has various green-building features incorporated and integrated within the design itself. The architectural design is optimised as per local climate and sun-path analysis. Designed as pedestrian friendly walk-able and cycle-able campus by limiting the extent of motorised connections on periphery. Various naturally existing ponds inside the campus are retained and preserved as water bodies improve to microclimate, which will also preserve the purpose of rainwater storage.

Over the course of 20 years, the campus is anticipated to expand to house 12,000 students. The present phase of the permanent campus of IIT Bhilai is located in Kutelabhatta village, Bhilai, District Durg and will cater to 1200 students, respective faculty and staff members.



Permanent campus architectural design



Departments

At present the institute has ten departments, namely, Bioscience and Biomedical Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, Materials Science and Metallurgical Engineering, Mechanical Engineering, Chemistry, Mathematics, Physics, and Liberal Arts. Various programs offered by the department are listed below.

Program	Offered in	Offered by department(s)
Bachelor of Technology (BTech)	Computer Science and Engineering	Computer Science and Engineering
	Data Science and Artificial Intelligence	
	Electrical Engineering	Electrical Engineering
	Materials Science and Metallurgical Engineering	Materials Science and Metallurgical Engineering
	Mechanical Engineering	Mechanical Engineering
	Mechatronics Engineering	Jointly by Electrical Engineering and Mechanical Engineering
Master of Science (MSc)	Chemistry	Chemistry
	Mathematics and computing	Mathematics
	Physics	Physics
Master of Technology (MTech)	Bioengineering	Bioscience and Biomedical Engineering
	Computer Science and Engineering	Computer Science and Engineering
	Data Science and Artificial Intelligence	
	Electronics & Communication Engineering	Electronics & Communication Engineering
	Control and Instrumentation	Electrical Engineering
	Power Systems and Power Electronics	
	Electric Vehicle Technology	Jointly by Chemistry, Electrical Engineering and Mechanical Engineering
	Materials Science and Metallurgical Engineering	Materials Science and Metallurgical Engineering
	Design and Manufacturing	Mechanical Engineering
	Thermal and Fluids Engineering	
Doctor of Philosophy (PhD)	Mechatronics Engineering	Jointly by Electrical Engineering and Mechanical Engineering
	Bioscience and Biomedical Engineering	Bioscience and Biomedical Engineering
	Chemistry	Chemistry
	Computer Science and Engineering	Computer Science and Engineering
	Data Science and Artificial Intelligence	
	Electrical Engineering	Electrical Engineering
	Electronics & Communication Engineering	Electronics & Communication Engineering
	Electric Vehicle Technology	Jointly by Chemistry, Electrical Engineering and Mechanical Engineering
	Liberal Arts	Liberal Arts
	Materials Science and Metallurgical Engineering	Materials Science and Metallurgical Engineering
	Mathematics	Mathematics
	Mechanical Engineering	Mechanical Engineering
	Mechatronics Engineering	Jointly by Electrical Engineering and Mechanical Engineering
	Physics	Physics



Faculty

IIT Bhilai, on its roster, has 61 faculty members, working in various cutting-edge research areas spread over engineering, mathematical and scientific disciplines, and liberal arts. The faculty strength is expected to increase in the coming month, as the institute is in the active phase of hiring. The Institute is planning for hiring of upto 15 faculty members by September, 2023 and the strength may likely to increase accordingly.

The faculty members have

exposure to world class education and research as doctoral students, and postdoctoral researchers in various top ranking institutes and laboratories in India and abroad. The Departmental Undergraduate Committee (DUGC) and Departmental Postgraduate Committee (DPGC) of each department provide academic support and advice to every student on all academic matters.



Course Structure

IIT Bhilai fosters and encourages students to excel in their programs of study and recognises the same in several ways. IIT Bhilai follows a semester system and allows the students to do many basic courses in different departments and specialised courses in greater depth.

Every course at IIT Bhilai generally runs for the entire semester (~ 14 weeks in case of a regular semester). A student registers for the courses that he/she wants to study and at the end of the semester a grade is awarded. On obtaining a pass grade, the student earns all the credits associated with the course while a fail grade does not get any credit.

Each course has a certain number of credit(s) or non-graded unit(s) assigned to it depending upon the L-T-P structure of the course.

Grades

Students earn grades for each course they register for specific credits. The grades are given based on the relative performance of the students. Each grade carries associated numeric points. The academic performance of a student is typically indicated by the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). The SGPA is a weighted sum of the numeric points earned by the student for each course registered in a particular semester with weights being the credit of the course whereas the CGPA is the weighted sum of all courses in the program.

Postgraduate and Advanced Courses

The postgraduate students are expected to do advanced courses with research orientation. The undergraduate students are also allowed/encouraged to do such courses. The philosophy of the course work at IIT Bhilai is to have less hand holding and to shape the engineers with greater sense of professional independence. Therefore, a major part of the course work is devoted towards research orientation. Each MTech student is expected to carry out at least one year (or maybe longer) duration thesis work. At the PhD level, students are expected to carry out research at a much more advanced level. The postgraduate courses offer the opportunity to indulge in applied parts of their education including the development of problem formulation and problem-solving techniques.

Academic Calendar

The academic calendar of the institute can be accessed via https://www.iitbhilai.ac.in/index.php?pid=aca_calendar.

At IIT Bhilai, you will witness the esteemed culture of innovation, passion and determination. The campus of IIT Bhilai is serene, pollution free, tranquil, safe and secure. The campus is well equipped with sports facilities, library, laboratories, hostels and academic buildings. Apart from academics, the institute houses many clubs and societies which allows you to explore your passion and skills like dancing, singing, photography, acting, designing, quizzing, literature, Art, Astronomy, sports(esports too) and whatnot. Each club hosts their events in regular intervals which makes your campus life much more enjoyable. Institute also has many Sci-Tech clubs and societies like epsilon, Electromos, Ingenuity, Space Exploration Society etc, which will help you to explore much beyond your academics. Every year institute hosts intra IIT sports competition i.e. Prayatna.

The hostel life at IIT Bhilai is a true realization of comfort and safety. The campus has large grounds provisioned with outdoor sports arrangements like football, cricket, athletics, etc. The hostel buildings are housed with courtyards having badminton courts, volleyball courts and basketball courts. Multi facility common rooms are present inside the student hostel where indoor sports like Table tennis, snooker, carrom, etc. are present. A fully functional state-of-the-art gymnasium, well equipped with modern machines and training personnel is also planned inside the campus. Each hostel has a recreational room for watching TV and hosting various student activities. The hostels also house student activity arenas for music, art, robotics, electronics and other student related enthusiastic activities.





Glimpse of Student Activities



NSO activities

The National Sports Organisation (NSO) provides a scheme in which all the first year students, who have taken NSO, must participate and devote some of their hours in sports. In this scheme, they have to select a sport which they prefer. NSO activities harbor passion and sportsmanship in the students through which they can learn more about other aspects leaving academics. It, also, provides a good opportunity for students to showcase their extra-curricular talents in various sports such as football, badminton, cricket, athletics and many more games.



NSS activities

“The best way to find yourself is to lose yourself in the service of others.” -This is the motto of the program related to National Service Scheme (NSS) activities. It aims to shape a person into a respectable citizen with his apt responsibility towards society. NSS has also joined with several NGOs in the nearby areas. NSS activities involve visits to teaching institutions, organizing blood donation camps, charity events, tree plantations.

MERAZ

Meraz is the most anticipated and awaited event in the academic year as it is the annual techno-cultural fest of IIT Bhilai. It was first celebrated in the year 2018. The atmosphere created by Meraz breathes new life into the students, faculty and everyone who is a part of the event. Last year, we had cultural events such as Mimicry, Creative writing, Ramp walk, Murder mystery which included dancing, singing, painting, photography and you name it and we had it covered in one of our events. Events such as Robo-soccer, VR flying, drone games add to the sci-fi parts of the event. We also had the auspicious presence of celebrities such as Gajendra Verma, Vipul Goyal and many more. And to top it all, we even had informal events ranging from online royal battles to Beg-Borrow-Steal.



PRAYATNA

The event which every sports enthusiast waits eagerly for is none other than the annual sports tournament of IIT Bhilai, Prayatna in which students from different years participate in the sports tournament and give it their all to contribute to the win of their respective teams. It is an event which lasts around 2 months during which it is a feast to both the players and spectators. There are indoor games ranging from Chess, Table tennis to outdoor games such as football, Basketball, Athletics and what not. The event, itself, symbolizes the undying-and-unravelled “NEVER GIVE UP” attitude of our students whether they win or lose in the game.



INTER IIT MEETS

It is a matter of pride for every person who represents his college at PAN-India level. This opportunity is provided to us by Inter IIT Meet- Sci-tech, Cultural and Sports. Every year, different IITs send their teams to the meets to represent their college in front of other IIT's. Last year, these meets took place in IIT Kanpur, IIT Madras and IIT Roorkee (with IIT Delhi) for the respective Sci-tech, Cultural and sports parts.

PAN IIT YOGA

“Yoga is the journey of the self, through the self, to the shelf.”-With this motto in mind, IIT Bhilai has organized pan-IIT yoga competitions on June 22 2022. Yoga brings together physical, mental and spiritual disciplines to achieve a peaceful body and mind.

INTRA-COLLEGE Events

Along with Prayatna and Meraz, Our councils organize regular activities. Sports council organizes regular tournaments of football, basketball, badminton and many more in which the freshers are encouraged to participate. Cultural council organizes dance competitions, poetry slams, Essay writing, Quizzes on various topics and the list goes on. Sci-tech council has, also, conducted many events such as regular Hackathons, drone flying events and much more. Apart from this, many talks by renowned professors, interactive sessions on various topics are periodically organized.





Message from Alumni

The time for rote learning and spoon feeding has ended with your jee exam. Try to find love with the subject. No professor, no book, no course can help with that. But once you get interested in any subject, the value of the above three increases exponentially. Be it any area. ML, systems, algo+theory, power electronics, communication etc etc. Your interest and efforts will decide how much you excel in it. One tip that worked for me- In 1st and 2nd year, try to learn at least a little of everything! Then find the best match in 3rd year. Pursue your interest in the 4th. Don't forget to make good friends and enjoy life along the way :)

Sri Pramod Rachuri, 2020



Congratulations on embarking upon your journey as upcoming students! B.Tech really could be your one-time chance to explore the vast realm of possibilities that awaits you. Make sure to give your best shot at it. There will be moments when doubts creep in, when you question your abilities, and when the weight of expectations feels overwhelming. In those times, remember why you embarked on this journey in the first place. Hold tight to your passion, your purpose, and the fire that burns within you. Stay motivated, set goals, and never hesitate to seek guidance from professors. Enjoy this incredible phase of your life and make every moment count !!

Swetha Reddy, 2019



College journey is perfect for exploration and self-discovery. College offers a wealth of opportunities to explore different fields and discover your passions. Don't be afraid to step outside your comfort zone and try new things. Engage in diverse activities, whether it's joining clubs, or taking up a hobby like playing an instrument or a sport. These experiences will not only help you build confidence but also equip you with the resilience to navigate life's ups and downs. Cherish this time, have fun, and continuously work on improving your skills. Remember, college is a chapter of your life where you lay the foundation for a successful future. Embrace it wholeheartedly and make the most of every opportunity. Good luck.

Saksham bhushan
Cse 2018-2022



Welcome to the club, you all finally made it. You may feel isolated and lonely at first but, believe me when I tell you, you're about to spend the best four years in the most accepting environment you're likely to experience in your life!

Porash Chauhan, 2019



Computing Labs

The department of CSE has state of the art facilities in the following verticals covering the spectrum of Computational Sciences and Engineering.

- Computer Systems
- High Performance Computing and GPU
- Embedded Systems
- VLSI
- Networking and Cyber Security

Electrical Engineering (EE) Lab

The EE lab is well equipped with various state-of-the-art equipment to allow both the UG and PG students to do their academic projects independently in an efficient manner. Specially dedicated setups are available pertaining to the following verticals : (i) Devices and Circuits, (ii) Sensor and Instrumentation, (iii) Embedded Systems, (iv) Communications and Digital Signal Processing, (v) Electrical Machines Lab, (vi) Control Systems Lab, (vii) Power Electronics and Power System Lab. Some of the state-of-the-art facilities in these labs comprise,

1. Digital oscilloscopes frequencies up to 500 MHz,
2. LCR meter
3. USRP B200,
4. Basys3,
5. Zyboz7,
6. Kintex,
7. Zynq based FPGA boards,
8. Opal RT simulator.





Chemistry Lab

Chemistry laboratory is well equipped with equipment and facilities for doing research in advanced areas. The Chemistry Laboratory of IIT Bhilai is one of the most modernized laboratories of Central India. The chemistry lab is equipped with vortex mixers, digital balance, magnetic stirrer with hot plate, rotary evaporator, heating mantles, hot air oven, water purification system, melting point apparatus, Vacuum pumps, water bath, photo colorimeter, digital pH Meter, ultrasonic cleaner, ice making machine, fume extractors (to restore the purity of air in lab) and many other specific state-of-art equipment, like: NMR-60MHz, FTIR-ATR spectrometer, UV-Vis Spectrophotometer, TGA, DSC, GPC, GC-MS, CHNOS-Elemental Analyzer, BET Analyzer, CD Spectrophotometer, Source meter, PL Spectrophotometer, Multimode Microplate Reader, CHNSO, GC-MS, Surface area analyzer, DLS, Low Temperature Cooler and Circulator, Probe Station with sample stage, Microwave Reactor, Centrifuge, HPLC and computational Chemistry resources such as Turbomole, Gaussian, AutoDock, Modeller and Gromacs software along with several in-house programs for QSAR and saturation mutagenesis analysis and a high-end Workstation for facilitating the quantum chemical, molecular modeling and bioinformatics studies. The Chemistry laboratory has a vibrant atmosphere to prepare its students to be creative, independent and in the spirit of scientific knowledge for cutting-edge research.

Physics Lab

The Physics lab caters to the needs of students at different levels including undergraduate and postgraduate studies. The lab courses are designed to raise the curiosity of students in experiments which are fundamental to understand the laws of nature as well as the basic working principles of Physics. The labs are planned to be dynamic and keep updating with new experiments and tools to remain relevant to modern times. Apart from the teaching laboratories, the department of Physics has very well-equipped research labs in solar cells, ultrafast spectroscopy and soft matter that are continuously growing with some of the world-class facilities. A student is highly encouraged to engage in research activities of the lab apart from the regular lab courses. The department also has 3 high-end telescopes for those who are interested in astronomical activities and events and are made available to students after proper training.

Welcome, aspiring minds, to IIT Bhilai! Get ready to immerse yourself in a world of innovation, excellence, and limitless possibilities. At IIT Bhilai, you'll be surrounded by brilliant minds, state-of-the-art facilities, and a supportive community. Push your boundaries, seize opportunities, and nurture your passion for knowledge. Embrace challenges, collaborate with peers, and create a lasting impact. Your journey at IIT Bhilai is filled with endless opportunities to grow, learn, and make a difference. Get ready to unleash your potential and make your mark!

Shweta Chauhan

BTech,DSAI'20



Central Instrumentation Facility

Central Instrumentation Facility (CIF) is established to help the research community to carry out their advanced research in various scientific domains. The CIF will facilitate researchers, faculty members, and students to collect valuable scientific data using sophisticated instruments which will help them uncover insights.

Currently, CIF consists of the following sophisticated equipment.

- Field Emission Scanning Electron Microscope (FESEM),
- FESEM sputter coater,
- Powder X-ray Diffractometry (PXRD),
- Atomic Force Microscope (AFM),
- Multi-target sputtering machine along with shot blaster,
- Ultra-High-Performance Liquid Chromatography with High-Resolution Mass Spectrometer (UHPLC-HRMS),
- High-Speed Confocal Laser Scanning Microscope with Incubator Facility and
- Maskless Photolithography with UV Direct Laser Writer.

These sophisticated instruments are used for different applications such as surface morphology, elemental analysis, particle size distribution, phase composition of a sample, unit cell lattice parameters and Bravais lattice symmetry, residual strain (macrostrain), crystal structure, epitaxy/texture/orientation, variable temperature analysis, capillary measurements, crystallite size and microstrain, identification of surface topography, identification of nature of interaction between specific atom and its neighbouring, electric properties, and atomic level manipulations and tribological performances.

Moreover CIF has started procuring the following sophisticated equipment in upcoming FY 2023-24.

- Nuclear Magnetic Resonance Spectrometer (NMR),
- High-Resolution Transmission Electron Microscope (HR-TEM),
- Single Crystal XRD,
- Broad Beam Ion Milling Facility,
- Muffle Furnace,
- Stylus Profilometer,
- EM-UTM and
- Hall Effect Measurement System.

This marks the beginning of your venture into a better, more mature, skilled, and independent version of yourself. Unleash your curiosity, innovate with your exceptional ideas, join clubs, societies, and events—try everything and unlock your potential. Keep learning, hustling, and enjoying this extraordinary life of four-years. Don't restrain yourself from making friends, true bonds create everlasting memories. Pro tip: "do EVERYTHING that your soul allows; in these years and always!" Welcome aboard, fellas!

Piyush Pancholi
BTech,CSE'20



Welcome to IIT Bhilai! Congratulations on your admission. Prepare for an incredible journey of knowledge, growth, and endless possibilities. Embrace challenges, explore your passions, and build lifelong friendships. Trust in your abilities, seize opportunities, and strive for excellence. Best wishes for an unforgettable experience ahead!

Mudhavath Ramesh Naik
Btech,CSE'21





Congratulations on clearing JEE and entering IIT Bhilai! Embrace this incredible opportunity for growth, learning and making a positive impact. Nurture your passions, manage time wisely, seek support from your mentors or seniors whenever needed, and seize every opportunity that comes your way. Best wishes for a successful journey!

Khushi Dutta
BTech,EE'22



Dear freshers, you are at the beginning of a journey that will shape your future, both personally and professionally. Be curious, explore new subjects, and engage in activities that challenge you. We, at IIT Bhilai are here to offer guidance, support and insights that will shape your path. Believe in yourself, stay determined and never stop learning.

Bhavya Jain
BTech,CSE'22



Recently, the Central Instrumentation Facility (CIF) showcased various demonstrations with the objective of making students and the public aware of the various machines and facilities that are available for characterization. The event exhibited several exceptional close-up images, such as the human hair, an ant's eye, and bacteria by using FESEM.

Information Technology And Infrastructure Services (ITIS)

The Information Technology and Infrastructure Services (ITIS) of IIT Bhilai has state-of-art computer laboratories to support academics affairs and administration at the institute. Currently, it provides two well-equipped computer labs with a capacity of total 145 desktops. These computer labs are used regularly to carry out academic programs, self-studies, and online tests. IT infrastructure is also equipped with 12 high configuration servers with the SAN storage of around 300 TB. Students as well as staffs are provided with storage facility with features akin to any cloud based storage services.

The Institute provides state-of-art computer systems with advanced technologies and software to maintain itself in sync with the fast-changing needs of industry and academia.

ITIS provides this seamless and secure network connectivity to the entire campus with wired and wireless network. The institute connects to the National Knowledge Network (NKN), a multi-gigabit, pan-India broadband network for providing a unified high-speed network to all knowledge-related institutions in the country. Being a part of the National Knowledge Network, IIT Bhilai receives broadband internet seamlessly. Entire campus of IIT Bhilai is Wi-Fi enabled and students can use the network seamlessly across various facilities.

Students are provided various services and facilities in the institute's premises like server storage, mail services, internet and web browsing, Academic Institute Management System (AIMS Portal) for facilitating academic operations, Online Resource Planning and Administration System (ORPAS), Appointment Booking System for health centre, smart ID Card based attendance and access control system, Student's degree/transcript downloading service through Digilocker, student admission portal, eBallot System for online voting etc. For more detail, you may visit: <https://www.iitbhilai.ac.in/index.php?pid=itis>



Central Library

The Central Library provides access to numerous printed resources such as books, magazines, and journals as well as electronic publications, CDROMs, DVD-ROM, and online databases. Its holdings are updated regularly primarily in the interest of faculty members and students of IIT Bhilai. Currently, the library has a collection of over 6000+ books including text books, reference books, general books, and Hindi books. It provides access to popular magazines, selected journals, theses, e-journals, and online databases in Engineering & Technology, Sciences, Humanities, Social Sciences, and Management. It also subscribes to over 15+ current periodicals such as American Chemical Society, American Institute of Physic, American Physical Society, ACM Digital Library, ASME, Emerald, ISID, JSTOR, IEEE, Oxford University Press, Elsevier (Mathematics, Physics, Engineering, Computer Science, and Materials science collections), Springer-Nature, Taylor and Francis, Wiley (Physics and Chemistry collection), and several other reputed publishers. IIT Bhilai is Life Member of "Current Science Association" of Indian Academy of Sciences, Bangalore, and receiving the "Current Science" Journal and also member of e-sodhsindhu consortium of INFLIBNET Center.

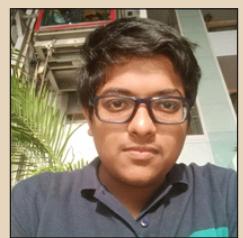
In addition, IIT Bhilai has also subscriptions to e-Databases such as SciFinder, Web of Science, and MathSciNet. IIT Bhilai has subscribed to the 'state of the art' anti-plagiarism software- 'Turnitin-Feed Back Studio' and 'Grammarly' to maintain academic integrity in the institute towards the improvement in writing skills of students and scholars through a feedback mechanism. Library services have been fully automated and are accessible on and off campus through INFEED. IIT Bhilai library functions are run on Koha software which is one of the most functionally advanced open source integrated library systems (ILS).

A healthy body can lead you to a happy mind. A positive sense of overall wellness is essential for flourishing and encompasses psychological resilience that enables everyone to enjoy life and to overcome challenges. At IIT Bhilai, we have one of the best health care facilities which are active round the clock for emergencies and regular check-ups. This is supported by 2 visiting doctors, 2 staff nurses, and a counselor who looks after medical care facilities as well as the student's mental well-being. Especially during this hectic period of pandemic feeling overwhelmed is common. To ensure the well-being needs of our students are effectively met, an array of proactive and preventive programs - talks, workshops, and activities - are run throughout the year. The purpose of these programs along with professional counseling services is to raise awareness and enhance the IIT community's ability to manage both physical and mental health issues, care for oneself, and to develop emotional resilience. Our health centre is further supported by a fully equipped ambulance available on the campus 24*7 and having tie-ups with 16 multi-specialty and specialized hospitals, for providing the best medical assistance.



Welcome, brilliant minds, congrats to all of you for clearing India's toughest examination and making it to IIT Bhilai. Now it's time for you to unleash yourself from academics and enjoy every bit of your life. Explore and explore as much as you can as now your focus must be on gaining experience. Make mistakes but do learn from them. And lastly make many friends and get ready to dive into the pool of enjoyment.

Sudeep Ranjan Sahoo





Institute Innovation Council (IIC)

Institute Innovation Council of IIT Bhilai was envisioned by the Ministry of Human Resources in 2018. The council is responsible for fostering the culture of innovation and start-up/entrepreneurial ecosystem in the institute. Over the last three to four years the council has overseen incubation and funding of multiple startups led by the students of the Institute. IIC is focused on mentoring students and organizing activities in ideation, problem-solving, proof of concept development, design thinking, IPR, project handling and management for students. The goal of IIC is to guide students on a path of innovative thinking and entrepreneurship. The council provides students the platform and opportunity to showcase their ideas and technical expertise to the world.

- Institution Innovation Council (IIC) of IIT Bhilai was recognized by **MHRD's Innovation Cell (MIC)** during the inaugural function of IIC at AICTE HQ held on November 21, 2018, to foster the culture of Innovation amongst all Higher Education Institutions (HEIs).
- IIT Bhilai is currently one of the 48 centers to have hosted **Smart India Hackathon (SIH)** 2019 Software Edition. SIH is a unique Open Innovation Model for identifying new and disruptive technology innovations to solve the challenges faced in our country.
- IIT Bhilai with support from the Ministry of Electronics and Information Technology (MeitY) held a One-day National Workshop on "**Awareness on Intellectual Property Rights**" on 24th August 2019.

Activities Under IIC :

- Smart India Hackathon (SIH)
- Intellectual Property Rights
- The Entrepreneurial Mindset

Student Mentorship Program

The student mentorship program helps new students to adjust to academics, peer pressure, competition and enhance competition and know others. In the beginning of the academic year, students are indulged in an orientation program which encourages them to wallow in team building activities and develop a healthy interaction.



Congratulations...! You have officially become a part of the most Talented and sharp minds in the whole world. "IIT Bhilai" is also for those deserving students. In this institute you will enjoy everything like:- Techfest(MERAZ), coding culture, Academics, sports, Clubs, Regular activities and lots of opportunities to grow our campus smoothly. never forget to live the monuments. Wishing you a great future ahead....!!!

Himanshu Soni
Btech, EE'22





Centre for Career Planning and Services (CCPS)

The Centre for Career Planning and Services is aimed at assisting students in selecting their career paths and to provide ample placements and internships opportunities. In this regard, CCPS conducts several career related sessions for the students in collaboration with several partners. CCPS also undertakes placement preparedness activities like Groups Discussion, Personal Interviews, Coding and Aptitude tests in order to increase the placeability of the students. CCPS prides itself in numerous success stories of amazing achievements right from its inception. The second placement session is being conducted during 2020-2021 which has added another milestone and bright colors to CCPS. Currently the placement session is ongoing with 65+ companies visiting for placements, 80+ offers including several Pre-Placement-Offers with an average package of 11.71 LPA and maximum package as high as 33.5 LPA. With the current placement session in progress, CCPS is hopeful in achieving much more accolades than the last session. We are proud to state that right from the pioneering batch, M.Tech. – CSE has maintained its record for 100 % placements. At the same time, students also bagged various opportunities to pursue summer and winter internships with reputed organizations with active support from the CCPS office. There are 100+ internship offers already and the internship hiring is still ongoing. The academic excellence at IIT Bhilai is reflected in its student's exemplary record of placements/internships in the corporate, industrial, and engineering sectors. Despite being the youngest IIT, our students have already set to mark their presence in the corporate world. Additionally, it is our privilege to quote that several students have bagged opportunities for higher studies in reputed universities in India and abroad.

IIT Bhilai Innovation and Technology Foundation (IBITF)

The Department of Science and Technology, under its National Mission on Interdisciplinary Cyber-Physical Systems (NM-ICPS) has funded IIT Bhilai to host the Technology Innovation Hub (TIH) for Financial Technologies (FINTECH) area. The TIH at IIT Bhilai is one of the 25 hubs setup under the NM-ICPS program. IIT BHILAI INNOVATION AND TECHNOLOGY FOUNDATION (IBITF), a Section 8 Company, has been established by IIT Bhilai to host this TIH. IBITF is the nodal center for spearheading Entrepreneurship, Research and Development, HRD and Skill development and Collaboration related activities in the area of Financial Technologies. 55 crore INR has been sanctioned for this initiative by DST for the period of five years.

The vision of the IBITF is as follows.

1. Cutting-edge research and development in financial technologies
2. Scouting for young professionals and students with entrepreneurial skills, and nurturing them
3. Capability and capacity building using HRD and skill development at various levels
4. Contribution towards India occupying the leadership position in the financial technology revolution
5. Building a sustainable ecosystem with national and international collaboration



Hello freshers! First of all, congratulations on cracking one of the most challenging exams in the world. Welcome to the IIT Bhilai family. Here you will experience many such things and make those memories you will remember for the rest of your life. Here you will understand the importance of extracurricular activities along with the academics. These activities will help you to acquire social and professional skills. Best wishes for your upcoming journey!

Kirtiraj
BTech,MT'22





Research and Development

Faculty members at IIT Bhilai work on contemporary, high impact research areas that frequently span multiple departments. Researchers from Sciences and Engineering departments complement each others' expertise in advancing technology in several areas. The institute gives emphasis to achieving a right balance of theoretical and experimental research. The research outcomes of the faculty members are published in the best journals and conferences of the related field, and the impact of their work has ensured a high average h-index.

Emphasis is given to the research problems of immediate industrial and practical application. The institute is in process of building world-class labs with industry collaboration to provide the faculty and students an access to the relevant research problems and opportunity for adoption of their solutions. Faculty members are currently conducting research under significant grants obtained from reputed external funding agencies.

- The overall outlay of institute R&D has touched a mark of **Rs 115 Crore**, which in time to come will grow in more speed with the constant engagement of researchers/ innovators.
- The faculty members of the institute have undertaken 180 **different projects** from CSIR, DST, SERB, MeTy, BRNS, Dept of Atomic Energy etc. including research Initiation Grant and matching Grants and rendered **17 numbers of consultancies** on different problems to the industries. Institute has also conducted approx. **70 numbers** of STP/ FDP which had expanded the knowledge-base of various working professionals of the industry.
- A total of **47 MoUs** have been executed, few International MOU (5 Nos) are Wonkwang University, Korea; MI PlatovSouth-Russian State Polytechnic University (SRSPU); National Chin -Yi University, Taiwan; ISRO etc.
- Incubated more than **14 startups/ companies** in various areas including AgriTech, HealthTech, etc as of now through IIT Bhilai Innovation and Technology Hub.
- **More than 9** patents have been filed by various faculty members and this in time to come will see growth.



Welcome freshers, and congratulations on making it into IIT Bhilai! An IIT provides every opportunity possible for a student, so never miss one out. Try everything from academics till sports and pursue what you love. At IIT Bhilai, you are encouraged to freely contact any professor, senior or alumni for any and everything, from help in academics to life advice. Enjoy and make wise choices!

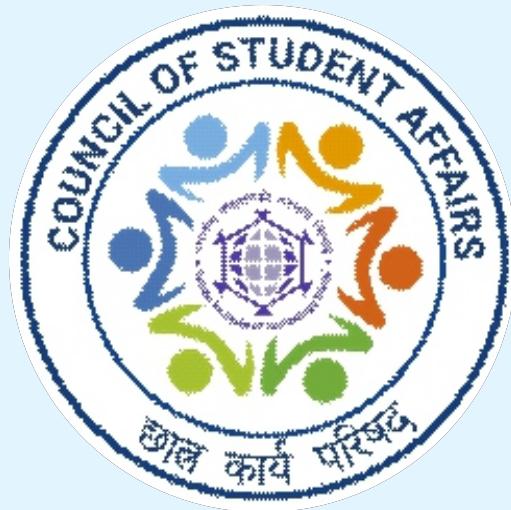
Ankita Awasthi
Btech, EE'21



Council of Student Affairs (CoSA)



CoSA, the Council Of Student Affairs, comprises student representatives who promote holistic development of students at IIT Bhilai through different activities and promote effective communication of students' issues to the institute authority. The Council is led by the President and is composed of General Secretaries, viz. Academic, Science and Technology, Cultural and Media, Games and Sports, and nominated members, viz. the Events-Head and Treasurer. The Council is democratically elected by the students of IIT Bhilai, except for the nominated members who are nominated by the elected President. Normally, the members hold office from the day they are elected to the end of March. CoSA strives to create a culture of diversity, tradition, to provide a plethora of opportunities for exploration and explication in all sorts of hobbies and pursuits, and maintains a liaison between institute's administration and the students to march towards academic excellence by identifying and addressing student issues. Diverse committees are functional that ensure the fulfillment of the needs and the well-being of the Student Community at large. The General Secretaries along with their secretariats strive to continue the same.



Treasurer
Atharva Bhatnagar



President
MV Kiran Sooraj



Events Head
Elevartha Nikhil Reddy



Gensec Sports
Lalit Gour



Gensec Cult
Rishit Agarwal



Gensec Acad
Nomaan Alam Kherani



Gensec Sci-Tech
Aditya Sankhla



Student Clubs

Cultural Council

Even after having a tight academic schedule running throughout the year, the annual Cultural Meet and cultural events are one of the centers of attraction for the students to express themselves and escape from their rather monotonous lifestyle. Under the guidance of General Secretary of Cultural Affairs, the cultural council functions with various clubs and societies to promote cultural activities in the institute. These clubs and societies provide opportunities to learn more and showcase talents even outside the college premises. These are the plethora of clubs and societies :

Societies

Film Production Society : Harsh Agrawal and Rishabh Sahu

General Oratory and Literary Society (GOALS) : Javed Habib and Vedansh Sharma



Clubs

Drishya : The Drama Club : Mohit Thakre

The Pixel Snappers : The Photography Club : Anumula Chaitanya Sai

Beat Hackers : The Dance Club : Vipin

Swara : The Music Club : Jashraj

DesignX : Digital Arts Club : Ravinder Sharma

Renaissance : The Arts Club : Aditya Sharma

Quizzotica : The Quizzing Club : Shreyas Khairnar

Ne'er Passe : The Fashion Club

Ek Bharat Shreshtha Bharat (EBSB)



Society under President

Nirvana : Mental Health and LGBTQ : Shweta Kesharwani and Soni Kumari



SciTech Council

The SciTech council of IIT Bhilai is a significant segment of student's life. Under the guidance of the General Secretary of Science and Technology Affairs, the SciTech council shelters various clubs and societies that explore various directions of science and technology like astrophysics, semiconductors, astronomy, robotics, etc. These clubs gear up students to enhance their academic knowledge by molding it to the real-world environment. Interest-driven members of the SciTech clubs often end up gathering knowledge that is way beyond the scope of the academic curriculum by self-learning skills that make them industry-ready. The SciTech council has following clubs and societies that cover the entire technological domain along with respective coordinators and heads:

- Space Exploration Society (SES)
 - Epsilon: The Robotic Club
 - Electromos: The Electronics Club
 - Ingenuity: The Competitive Coding Club
 - OpenLake
 - Data Science and Artificial Intelligence Club
 - BIB (Blockchain at IIT Bhilai)
 - Developer Student Clubs (DSC)
 - Tinkering Lab





Sports Council

The Sports Council of IIT Bhilai has always shown justice with its role and will always be on this path of molding vibrant players, teams and bringing glory to the Institute. Every year the Institute witnesses a vehement concoction of varied sports events planned and organized to enhance the participation and interest of young IITians towards sports. The Sports Council is one which is always caring for the health and fitness of the students with its many physical activities. Prayatna, IITBhilai's sports tournament, is the most imperative of all its endeavors which include numerous other sports matchups such as Badminton, Chess, Basketball, Athletics, Volleyball, Cricket and many more.





Information for the Newly Admitted Students

At IIT Bhilai, the students are given complete independence and freedom in reshaping their technical skills and personal traits. We believe that you shall enjoy freedom in innovative thinking beyond the boundaries and produce solutions to several technical problems of our country and the world. To support yourself to take this transitional step as natural progression, you should keep a few things in mind such as how to organize your day, the importance of classes, note taking and interactions with the faculty and seniors, judicious use of social media and internet, proper time management and such similar things.

IIT Bhilai is a ragging free campus, and you shall be required to give an undertaking to that effect countersigned by your parents. IIT Bhilai follows a zero-tolerance towards ragging. IIT Bhilai also associates senior students as mentors to make your stay as comfortable as possible. Needless to say that you should not hesitate to contact any of the faculty members or staff to address your needs, and to help and direct you as required.

Orientation Schedule

IIT Bhilai organizes an orientation program, and it is mandatory for all the first-year students to attend it without fail. The importance of the orientation program can't be undermined since it is designed to make your transition as smooth as possible. The students are encouraged to follow the institute website at <https://www.iitbhilai.ac.in> for more updates on the same.

Preparation before you start

Students are requested to bring the following items with them. Essential items can also be purchased at the stalls set up by various shops on the day of orientation.

- A four key lock is required for the security of the hostel room which can be shared with other roommates.
- Keep about twenty (20) passport size photographs (3.5cm X 4.5cm) ready with you as these shall be required for various purposes such as for Registration at IIT Bhilai, for a sim card, for opening bank account, for loan application, etc.
- Bring receipts of all cash payments you made at the time of JEE counselling.
- The identification documents like Aadhaar card, ID proof, and address proof are required for registration, for sim card, and for bank account opening. Please see the checklist for the documents that IIT Bhilai shall need from you.
- If you are on any medical treatment, bring the relevant prescription and medicines.
- Parental undertaking is required which will be used in case of unusual situations.
- Mattress (either buy or bring), linen, pillow, blankets are required for living in the hostel room.
- Sports shoes, regular shoes, physical activity dress, personal clothing, toiletries, bag, etc. are required for regular as well as for sports activities.

Other than these essential requirements, some of the optional items which may be useful to you are given below. These may also be purchased at Bhilai but require some time.

- A lab coat and safety glasses (especially, for chemistry lab) are required during the lab session.
- An umbrella / raincoat is required during the rainy season (from July to September).
- Mosquito net / mosquito repellent is required and essential for health protection.
- Winter clothes are required as per the suitability of Bhilai's weather.
- Cotton clothes are best suited for the summer at Bhilai.
- Other items as per use like alarm clock, mobile phone, bicycle, laptop, calculator, table lamp, power extension cords, torch, and medicines can be brought. Hobby-related items like camera, sports items, painting, drawing, etc. can be brought as per your interest.

Checklist for New Students (BTech / Msc / Mtech / PhD)

Please bring all original certificates for verification. Income certificate of parent(s) (Father & Mother) / Guardian is mandatory for claiming financial benefits under various schemes.



S. No,	Details	Yes/ No
1 .	Fee Receipt Paid at the time of JOSAA/ JAM admission counselling	
Following forms to be filled/signed/counter signed in original		
1 .	Registration Form	
2.	Anti-ragging undertaking Form	
3.	Declaration for non-use of Powered Vehicles In IIT Bhilai Campus	
4.	Student Consent form for English Language Test (for BTech Admission only)	
5.	Hostel Accommodation Form	
6.	Medical fitness certificate	
7.	Anti-smoking undertaking Form	
8.	EWS Certificate (if applicable)	
9.	OBC (Non -Cream Layer) Certificate (if applicable)	
10.	Family Income Certificate (if applicable only for BTech)	
Self-Attested photocopies of the following		
1 .	Provisional seat allotment letter (for BTech Admission only)	
2.	Admit card of JEE Advanced (for BTech Admission only)	
3.	Class X marks sheet and certificate	
4.	Class XII or equivalent marks sheet and certificate	
5.	Bachelor's / BTech / MTech / Master's degree certificate and mark sheet (for MSc / MTech / PhD Admission)	
6.	GATE score / JAM Rank Card/ UGC-NET/JRF (for MSc/MTech/PhD as applicable)	
7.	Category Certificate (OBC-NCL/ SC/ ST/PwD/EWS), if applicable	
8.	Original Income Certificate(s) of Parent(s) (Mother & Father) / Guardian (Certificate to be issued by the Revenue Authority not below the rank of Tehsildar, if applicable)	
9.	Aadhaar Card	
10.	Passport (for foreign nationals) or OCI certificate or PIO card, if applicable	

Information for the parents

IIT Bhilai would like to engage with parents for a holistic development of its students. For many of you, your ward may be staying away from home for the first time and living in a hostel where the comfort levels may not be at par with the ones available at home. However, it is our endeavour to make it as comfortable as possible. As you may appreciate, individual attention at all levels to all students is not possible. We have created a strong mentorship program for this purpose.

We do assure our best in shaping the future of your ward with the highest quality of professional education. Also, we would like to give them a connect with the social fabric of the country and an appreciation to the problems in the environment and to find solutions. We would like you to be part of the growth story of your ward. We would encourage you to be in touch with us about their well-being and any concerns that you may have. This will be a major phase of students in their life and their transition from a sheltered life to a life of independent thinking and decision making. Your help in making this transition as smooth as possible will be extremely supportive for their endeavours. Feel free to contact us over email or phone in case of any urgent attention.

Useful Links



Institute Related Websites

- IIT Bhilai : <https://www.iitbihilai.ac.in/>
- SMP : <https://polaris.iitbihilai.ac.in>
- IIT Bhilai Cultural : <https://culturals.iitbihilai.ac.in/>
- Epsilon Club : <https://roboticsclub.iitbihilai.ac.in/>
- Academics : <https://aimsportal.iitbihilai.ac.in/iitbhAims>
- Meraz : <https://meraz.in/>
- DSC : <https://dsc.iitbihilai.ac.in/>
- IIC : <https://iic.iitbihilai.ac.in/>

Important Documents to Refer

- Brochure
- Academic Calendar
- Student Handbook
- Fee Structure and Payment Options

All of the above are available on the institute website and a link will be provided on the SMP website - Polaris. Students are advised to go through the same before coming to the institute.

Check out some informative and fun videos on our YouTube channel – 'IIT Bhilai' to get a view about life at IIT Bhilai.

Various Social Media Handles

- Facebook Accounts
- IIT Bhilai : <https://www.facebook.com/iit.bh>
- CoSAIIT Bhilai : <https://www.facebook.com/COSA-IIT-Bhilai>
- IIT Bhilai Sports : <https://www.facebook.com/SportsIITBhilai>
- IIT Bhilai Cultural : <https://www.facebook.com/IITBhilai.Cult/>
- Meraz, IIT Bhilai : <https://www.facebook.com/meraz.iitbh/>
- NSS - IIT Bhilai : <https://www.facebook.com/nssiitbihilai>
- EBSB - IIT Bhilai : <https://www.facebook.com/ebsbiitbihilai>

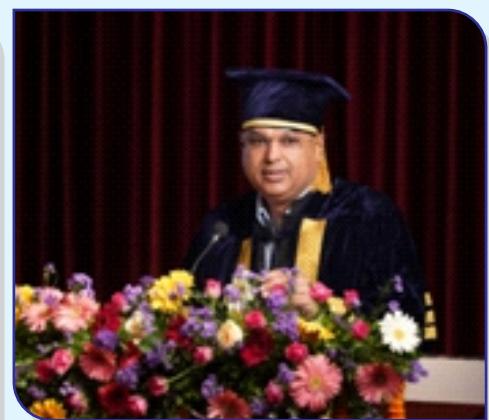
Instagram Handles

- iitbihilai : <https://instagram.com/iitbihilai>
 - culturals_iitbh : https://instagram.com/culturals_iitbh
 - nssiitbihilai : <https://instagram.com/nssiitbihilai>
 - sports_iitbihilai : https://instagram.com/sports_iitbihilai
 - meraziitbh : <https://instagram.com/meraziitbh>
 - ebsbiitbihilai : <https://instagram.com/ebsbiitbihilai>
-
- Twitter Account: https://twitter.com/IIT_Bhilai
 - LinkedIn Account: <https://www.linkedin.com/organization-guest/school/iit-bhilai>





On June 18, 2022, IIT Bhilai held its second convocation to award degrees. The graduands this year included 6 PhD, 14 MSc, 11 MTech, 12 BTech (Honours), and 102 BTech students. In line with the Digital India mission, the degrees were awarded in digital format. Digitally signed by all the signatories, the certificates were stored in a pen drive and also uploaded on DigiLocker, a digital repository recognized by the government and linked with the students' Aadhar ID.





भारतीय प्रौद्योगिकी संस्थान भिलाई
INDIAN INSTITUTE OF TECHNOLOGY BHILAI

<u>Unit</u>	<u>Email</u>	<u>Contact</u>
Student Affairs	studentaffairs@iitbhilai.ac.in	0771 - 2973624
Accommodation		
Boys Hostel	hostel@iitbhilai.ac.in	+91 - 9424283715
Girls Hostel	hostel@iitbhilai.ac.in	+91 - 8871682158
Academics	academics@iitbhilai.ac.in	0771 - 2973624
Health Centre	healthcenter@iitbhilai.ac.in	0771 - 2551300 (Ext. 6208)
Transport	traveldesk@iitbhilai.ac.in	+91 - 9907940717