



भारतीय प्रौद्योगिकी संस्थान भिलाई
Indian Institute of Technology Bhilai



Information Brochure
For Students
2019



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From the Director's desk



Prof. Rajat Moona
Director IIT Bhilai

Welcome to IIT Bhilai on an exciting journey that will define your future path. As you step into the world of professional activities after your education at IIT Bhilai, I am sure your association with the institute shall remain a strong guiding factor.

In any institute, the arrival of a new batch of students is an indication of a new beginning that keeps the environment lively and represents strong growth. With new students, enters the fragrance of new ideas, new achievements, new energies, new aspirations and renewed youthfulness. The institute hopes to keep that feeling alive by providing an environment of growth where such enthusiasm, ideas, dreams and activities flourish unhindered and blossom unbounded.

As a tradition, IIT Bhilai has been championing the idea of developing a very strong mentorship program for students. A comprehensive orientation program is the first activity which is carried out each year to help incoming students adjust to a new environment. Many of you will have questions, concerns and apprehensions regarding this phase of your life. For several of you this might be your first stay away from family. People at IIT Bhilai, including your teachers, staff members and other students shall be a new family to you will always be eager to help you.

This brochure is specially designed for you as an attempt to answer your questions regarding academics, hostel life, social life, both on and off campus, and the orientation program of 2019 shall help you get the most out of it. As you undergo this orientation program, you will develop new relations and a strong bond with new friends which you will cherish for years to come.

While you look forward to entering into the gates of IIT Bhilai symbolically to define a new phase of your life, and are eager to start your time at IIT Bhilai, we remain equally eager to meet you.



Greetings from IIT Bhilai



Prof. P D Srivastava

Dean Faculty Affairs & Head,
Department of Mathematics

I, on behalf of the department, welcome the newly joined students to the department of Mathematics, IIT Bhilai and thank them for choosing two years M.Sc. programme in mathematics. We have designed this programme in such a way that students get deep knowledge of Mathematics as well as basic knowledge of some computer courses such as computer programming etc. I am sure that you will enjoy both academic and cultural activities during your stay at IIT Bhilai. I strongly encourage you to reach out to the faculty members and your seniors to gain the most out of their experience. I sincerely hope that you all will positively contribute to the diaspora and community within the Mathematics Department and in the entire institute.

As a new institute born in 2016, we have started walking and trying to gain momentum to catch the pace of other premier institutions in the country, to meet the goal for which it was established by the Government of India. This institute offers contemporary courses and guidance from the faculty members working in frontiers of science and technology. The syllabus has been designed with flexibility while keeping in mind the interest and growth aspects of students along with core courses and projects. These include Digital Fabrication, Creative and Liberal Arts courses. Every new student joining the institute carries with them, the responsibility of taking the institute forward with the aim of achieving excellence in education and research. I believe, this institute will soon make its mark, and serve the society and nation.



Dr. Prem Pal
Dean Students' Affairs

I congratulate you on your brilliant success and winning admission in IIT Bhilai. I am delighted to welcome all new and continuing students to the 2019-20 academic year. The journey of IIT Bhilai so far has been exciting and full of achievements. We have state-of-the-art teaching labs, on-campus accommodation, sports and gym facilities, night canteen, etc. In addition, we have a vibrant student body known as Council of Student Affairs (CoSA) and a number of Sci-tech and Cultural clubs. IIT Bhilai will provide you with all possible opportunities to explore your talents and participate in co-curricular and extra-curricular activities to become a global leader in the field of your choice. Moreover, there will be a number of occasions when you can participate in a seminar (or class) in the areas that introduce you to the fields outside of your majors. This will help you to develop new ways of thinking and understanding. I wish you all the best for a most pleasant stay at IIT Bhilai which you never forget in your life. I do hope you will enjoy your time at IIT Bhilai during your course work.



Dr. Ashok Kumar Pandey
Dean Academic Affairs

At IIT Bhilai, we welcome you to experience and explore your academic and personal capabilities for the next few years. Our undergraduate and postgraduate programs are designed to produce responsible technical leaders for our country. For undergraduate students, it will be their first experience of college life where they will interact with students from different parts of the country. Such exposure makes a student, independent in taking professional as well as personal decisions and building a unique path that he plans to follow for the rest of his life. Therefore, he has to be very responsible and cautious not only for his acts but also the lifestyle which is crucial for the next level of professional and personal development.

Our course structure contains core and elective courses. Each course has different levels of credit and duration. They also contain assignments and/or mini-projects. The level of such requirements may vary from one course to another. Some of the assignments and mini-projects may also require computational tools or typed reports. Although, it is not essential but you may miss owning a laptop if you do not have one! To attend the classes and complete the assignment, you may require dedication, sincerity, good time management and technical interaction with the teachers and other students. In the end, I am sure you will enjoy and develop your personal and academic excellence through your conduct as well as your skills at IIT Bhilai.



Dr. Santosh Biswas
Head, Department of
Electrical Engineering
and Computer Science

Congratulations on getting into IIT Bhilai. On behalf of the Electrical and Computer Science (EECS) department I welcome you all. IIT Bhilai is one of the newest IITs established in 2016. Despite this, it harbors the unrelenting ambition to be at the vanguard of technological leadership and innovation, both nationally and globally. The disciplines of Electrical Engineering and Computer Science and Engineering are working under the umbrella of the EECS department. The department has 16 faculty members with backgrounds from eminent institutes of the world and they work in cutting edge research problems with collaboration from the academia and industries. The functioning of the two disciplines under a single department facilitates seamless inter-disciplinary teaching and research. From the placement perspective, even for the first batch of students, the department has performed phenomenally. Almost all the MTech students who completed the program in May 2019 have been placed in renowned multinational companies. Further, most of the 3rd year UG students have been selected by top industries and research institutes for summer internships. Your technical journey in the department will comprise of a vibrant set of theoretical courses, hands-on experiments in laboratories equipped with latest equipment and interesting research projects. Apart from the technical aspects, I hope all of you will participate actively in co-curricular activities and make your stay in IIT Bhilai enjoyable and an enriching experience.



**Dr. Soumya
Gangopadhyay**
Head, Department of
Mechanical Engineering

A hearty congratulation and a warm welcome to all the students who secured admission at IIT Bhilai! The Department of Mechanical Engineering, which started its journey in August 2016, currently offers B.Tech., M.Tech., and Ph.D. programmes. The department boasts of a brilliant bunch of students, faculty members with excellent academic credentials and highly dedicated staff members. The broad objective of the programmes is to trigger innovation among students and help them develop skills to solve real-life problems. The department laboratories have been developed with state-of-the-art facilities with an aim to impart hands-on training in cutting edge technologies in the related fields. The Department of Mechanical Engineering also promotes interdisciplinary and high-end industry-driven research with active participation of all the stakeholders. In short, there are ample opportunities for you to grow with the institute in a vibrant academic environment.

I wish all of you a great academic career and a memorable stay at IIT Bhilai. We always encourage your queries so feel free to contact us. Once again, welcome to the Department of Mechanical Engineering. We look forward to seeing you all at IIT Bhilai.



Prof. S.K. Maiti
Head, Department of
Physics and Chemistry

I congratulate you on your brilliant success and winning admission in IIT Bhilai. I am delighted to welcome all new and continuing students to the 2019-20 academic year. The journey of IIT Bhilai so far has been exciting and full of achievements. We have state-of-the-art teaching labs, on-campus accommodation, sports and gym facilities, night canteen, etc. In addition, we have a vibrant student body known as Council of Student Affairs (CoSA) and a number of Sci-tech and Cultural clubs. IIT Bhilai will provide you with all possible opportunities to explore your talents and participate in co-curricular and extra-curricular activities to become a global leader in the field of your choice. Moreover, there will be a number of occasions when you can participate in a seminar (or class) in the areas that introduce you to the fields outside of your majors. This will help you to develop new ways of thinking and understanding. I wish you all the best for a most pleasant stay at IIT Bhilai which you never forget in your life. I do hope you will enjoy your time at IIT Bhilai during your course work.



Dr. Haripriya Narasimhan
Head
Department of Liberal Arts

The Department of Liberal Arts at IIT Bhilai provides courses in social sciences and humanities. Undergraduate students are exposed to topics that enable them to understand the interface between technology and society, and the liberal arts disciplines play a crucial role in this. The human perspective is foregrounded in the liberal arts curriculum. In addition, through courses in fine arts and performing arts, the department endeavors to give students a holistic understanding of the larger society. In the coming academic year, the department will offer courses in Psychology, English literature and Economics. Faculty from IIT Hyderabad also engage in teaching in disciplines like Anthropology and Sociology.



Dr. Jose Immanuel R
Faculty In-charge,
Academic Affairs

I am overwhelmed with joy to see a new batch of young and brilliant minds on campus at IIT Bhilai. After a tough battle of examinations and a tedious selection processes, you are finally here to taste the academic essence that IIT Bhilai provides. I am sure that you will be enthralled by the academic nurture and all the extra-curricular domains, waiting for you at IIT Bhilai.
Looking forward to seeing you soon on campus!



Dr. Anshul Faye
Faculty In-charge,
Student Affairs

It is my pleasure to welcome all new as well as continuing students at IIT Bhilai in the 2019-20 session. I congratulate all the new students for making it to IIT Bhilai. With the start of this session, IIT Bhilai will enter into the fourth year of its journey. In the past years, the student community of IIT Bhilai has grown and matured. IIT Bhilai has a strong Council of Students' Affairs. The council offers a variety of clubs such as space exploratory club, motorsports club, photography club, etc. to explore and develop extra-curricular activities of your interest. These help you to develop an all-around personality. Regarding all issues related to students, IIT Bhilai encourages and welcomes the involvement of students. I am sure you will enjoy your stay at IIT Bhilai, and it will mark an unforgettable moment in your life.



Dr. Rahul Jain
Coordinator,
Student Mentorship Program

It is my pleasure to welcome all the freshers of 2019-2020 batch. Students have a lot of queries about the institute and hostel life among other concerns before joining it. Therefore, IIT Bhilai has introduced a student mentorship program (SMP). In this program each student is assigned to one mentor student and a faculty advisor. The main objective of SMP is to provide a platform for the incoming student to have a productive interaction and receive guidance from senior students i.e. mentors and from their faculty advisors. This will also provide a support system to the students so as to make the most of their life in IIT Bhilai. Student Mentorship Program is designed to make upcoming students understand the challenges and opportunities in IIT Bhilai and have a comfortable and smooth transition to campus life.



Shreyam Chandra
President,
Council of Student Affairs
(CoSA)

I extend a warm welcome to all the freshmen on behalf of the Council of Student Affairs (CoSA) and the whole student body. Your journey till now must have been tough and the path is still full of obstacles. But in the next few years, you will find companions to face those hurdles together. Some of them will be friends for life and with some, you will share a relationship to cherish for the rest of your life. The friendly temperament of faculty members and seniors at IIT Bhilai gives an academic advantage and will be helpful for you during times of need. We have events and activities throughout the year which are full of opportunities to display your talents. CoSA works to bring out the best in you. We hope to make your journey at IIT Bhilai one to cherish.



IIT BHILAI AT A GLANCE

About the IIT System

The concept of Indian Institutes of Technology (IIT) as Centres of Academic Excellence evolved from the vision of Prime Minister Jawaharlal Nehru to produce world leaders in technology and innovation from India to serve the nation. He believed in the importance of educational institutes in building the nation. The first IIT was established in 1951 at Kharagpur in West Bengal. Subsequently, within a decade, four more IITs were set up – IIT Bombay (1958), IIT Madras (1959), IIT Kanpur (1959), and IIT Delhi (1961). Since then, with the growing demand, several IITs have been established at regular intervals of time. Presently, there are 23 IITs across the nation. IITs are centrally funded, autonomous institutes which provide overall personality development of the students in all frames of life. IIT alumni, since the beginning, have contributed enormously towards shaping technology in the world and have provided true leadership in this sphere.

About IIT Bhilai

Indian Institute of Technology Bhilai was established in the state of Chhattisgarh by the Ministry of Human Resource and Development (GoI) in the year 2016. Chhattisgarh is a major rice producing state in the country and is known as the “Rice Bowl of India”. Chhattisgarh is a resource-rich state and is a major source of electricity and steel for the country, accounting for 15% of the total steel produced. Chhattisgarh is one of the fastest developing states in India. Bhilai is a hub of engineering activities and is a major town in the state. The permanent campus of IIT Bhilai shall be situated in Bhilai.

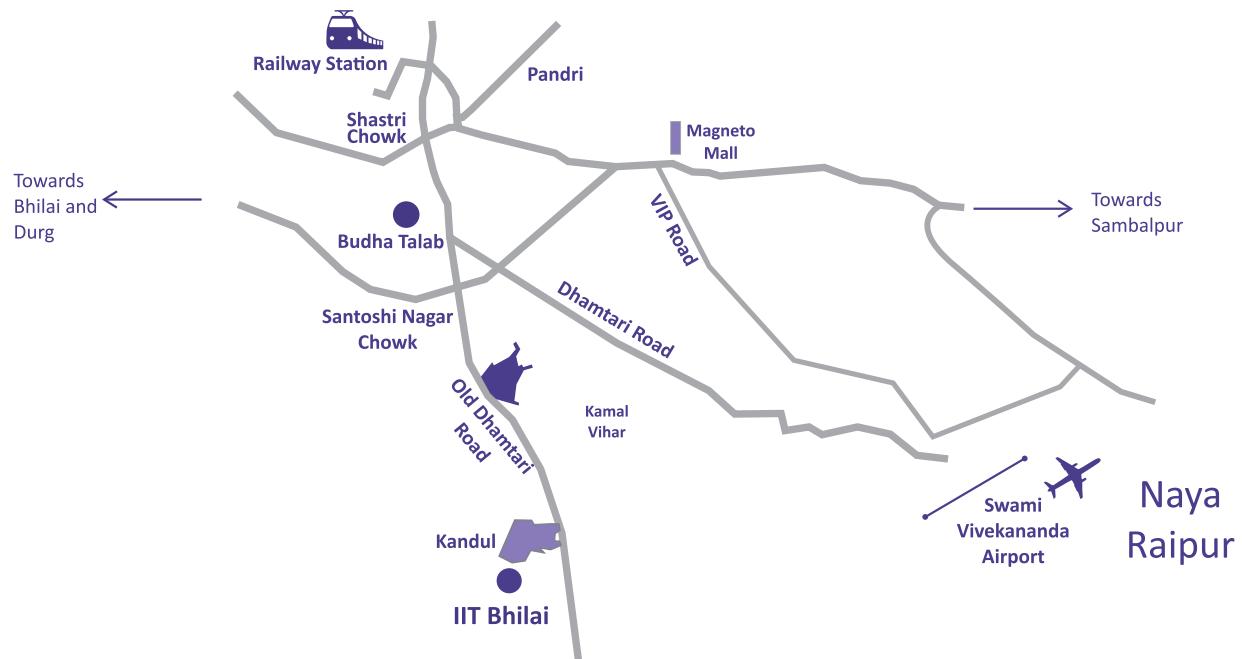
Presently, IIT Bhilai is functioning from its transit campus at Government Engineering College (GEC) Raipur. The transit campus of IIT Bhilai is situated in the Sejbar area on Old Dhamtari Road in Raipur. The four storied Block-B of GEC Raipur building has been furnished for academic activities at IIT Bhilai. Apart from this, IIT Bhilai has its own hostels for Boys and Girls provided by GEC Raipur on the campus. The transit campus is about 10 kms from the main city of Raipur and is well connected through public transport to the railway station, airport, and Raipur city.



Welcome to IIT Bhilai. At IIT Bhilai, alongside your studies, you will have the opportunity to learn new things and discover your hidden talents in various aspects. This may enable you to become leaders and pioneers in the field of your choice. I am sure you will enjoy your time at IIT Bhilai and will cherish it for the rest of your life

Dr. Sanjib Banerjee, Assistant Professor, CY

Location Map of Transit Campus



The Permanent Campus

The permanent campus of IIT Bhilai is expected to come up in the coming years at Bhilai in the Durg district of Chhattisgarh. This campus is adjacent to one of the largest steel plants of India – the Bhilai Steel Plant, under the Steel Authority of India Ltd. (SAIL). The IIT Bhilai Campus is proposed to be constructed on a land area of about 434 acres at Kutelabhatha and villages of Durg district. This location is about 6 km from Durg Junction railway station and about 54 km from Raipur Airport at Mana. In addition to this campus, another extension centre of 10 acres has also been planned at Naya Raipur.



Aerial view of the knowledge center in the proposed campus at Bhilai



Architectural rendering of a hostel in the proposed campus



IIT BHILAI LOGO



The logo symbolizes the vision and the mission of the organization. The revolving sphere with two shades of purple illustrates an endless movement in education and research. This concept is derived from the philosophy of IITs which are known for their excellence in teaching and research. The sphere is enclosed in a hexagon that is an abstract form of the forts. The idea of the fort is derived from the name of the state of Chhattisgarh which means the land of thirty-six forts. The hexagon for fort symbolizes the protection and stability of traditional excellence in education and research, a virtue that IIT Bhilai aspires for.

Faculty

IIT Bhilai, on its roster, has more than 40 faculty members, working in various cutting-edge research areas spread over engineering, mathematical and scientific disciplines. The faculty strength is expected to increase rapidly in the coming months, as the institute is in an active phase of hiring. All the faculty members have exposure to world-class education and research as doctoral students and postdoctoral researchers, in various top-ranking laboratories and institutes in India and abroad. The Departmental Undergraduate Committee (DUGC) and Departmental Postgraduate Committee (DPGC) of each department provides academic support and advice to the students on all academic matters.

Academic Programs

IIT Bhilai is currently offering BTech, MTech and PhD degree programs in three disciplines, namely:

- 1) Computer Science and Engineering
- 2) Electrical Engineering
- 3) Mechanical Engineering

In addition to this, IIT Bhilai also offers M.Sc. and Ph.D. programs in the disciplines of Physics, Chemistry, Mathematics and Ph.D. in Liberal Arts. IIT Bhilai provides a very unique structure of fractal academics wherein students are engaged with advanced topics early in their curriculum without increase in any academic load. This structure provides a natural mechanism for students to indulge in small and large projects along with the courses.



You are about to begin one of the most exciting periods in your life, and everyone at IIT Bhilai will be working together to create a bright future for you. I would like to welcome you to this new journey of your life and I wish you a safe and wonderful IIT Bhilai experience

Dr. Barun Gorain, Assistant Professor, EECS



CITY OF RAIPUR



Raipur is the capital city of Chhattisgarh and has a very rich and diverse cultural heritage. Raipur is located near the center of a large plain, sometimes referred to as the "rice bowl of India", where hundreds of varieties of rice are grown. The eastern city witnesses the flow of Mahanadi River and the north-western part of the city is beautified by the Maikal Hills. Raipur also possesses a very rich heritage from the historical and archaeological point of view.

The urban population of Raipur district, as per the 2011 census, is 12 lakhs. Chhattisgarhi is the local language of Raipur which carries similarity with Hindi. Pandwani is a famous musical way of singing the Mahabharata in this region. The Raut Nacha, Dewar Nacha, Panthi and Soowa, and Padki are some of the other traditional musical styles and dance dramas of the region. Along with the main Indian festivals, Gouri-Goura, Surti, Hareli, Pola, and Teeja are considered as main festivals of this area and celebrated in the month of Shravan.

Raipur witnesses three major seasons – summer, monsoon, and winter. The temperatures remain pleasant throughout the year, except during the summer months from March till June. The temperature may rise up to 48 °C along with dry and hot winds, usually a few times during April and May. The monsoon season starts from Mid-June till early October. The winter season ranges from November to January and is mild, although the lowest temperature can fall to 5 °C once in a while.

Raipur and Naya Raipur are hosts to several prominent educational institutes, including IIM, NIT, AIIMS, IIIT, etc.

Raipur offers several tourist attractions including temples, museums and lakes. There are several nearby attractions like Kanha national park, Achanakmar wildlife sanctuary; Amarkantak biosphere reserve; Bhoramdeo temple; Kailash and Kutumsar caves of Jagdalpur; Pre-historic rock paintings of Singhapur, Bhanwarkol, and Khairpur; natural beauties of Dongargarh, Satganga, Sirpur, Champaran, Rajim; Chitrakot water-falls; Indravati national park; Kanger Valley national park; Gangrel dam and Murrum Silli dam, etc.

LIFE AT IIT BHILAI

The transit campus of IIT Bhilai at GEC is serene, free of pollution, green, lively, safe and secure. Students can indulge in various hobbies such as photography, painting, application of science and technology, dance, music, etc., and explore them further. In this regard, there are several hobby clubs, cultural clubs, sports clubs and drama clubs on campus.

There are several recreational activities including sports and cultural activities. Prayatna, an Intra-IIT sports competition, is organized annually along with various other events such as Tech-Maitry which is a student-hosted event of science and technology. Apart from these, students are encouraged to involve themselves in various social activities like NSS and NSO.

The campus has large and beautiful sports grounds for various sports activities. Volleyball and badminton courts are built within hostels. Apart from outdoor games, several indoor sports activities like carom, table tennis, chess, snooker, etc. are also available in the hostels. A fully functional state-of-the-art gymnasium is equipped with modern machines and is used regularly by students and staff.

The hostels at IIT Bhilai are named as Castle Ena, Castle Dio and Castle Tria. They provide comfortable and safe accommodation along with mess and canteen facilities offering hygienic, tasteful and nutritious food. Several team building events along with mentors (senior students) and faculty members are organized to establish a healthy interaction which will help the students to adjust comfortably.

The institute houses a Health Centre which is active round the clock. The doctors and staff in the Health Centre are committed to the students' health and well-being of the campus community. Apart from this IIT Bhilai has tie-ups with nearby hospitals to provide medical assistance in case of emergency. A fully equipped ambulance is available all the time at the institute.



GLIMPSE OF STUDENTS' ACTIVITIES

Inter IIT Cultural Meet

IIT Bhilai participated in the 3rd Inter IIT Cultural Meet hosted by IIT Roorkee in December 2018. This was the first time IIT Bhilai became a part of the Inter-IIT Cultural Meet. IIT Bhilai participated in several events of the meet and finished off at 18th position among 23 IITs.

Inter-IIT Tech Meet

IIT Bhilai participated in 7th Inter IIT Tech meet hosted by IIT Bombay from 18-20 December 2018. This becomes the first time IIT Bhilai participated in all the events in Inter-IIT Tech Meet. Inter IIT Tech meet saw its humble beginning in 2012 at IIT Kanpur as pan IIT Student Initiative and now has grown into annual meet approved by IIT Council with participation from 17 IITs encompassing more than 500 students in the 6th edition at IIT Madras.

Inter IIT Sports Meet

The Inter IIT Sports meet for the year 2018 was held at IIT Guwahati. IIT Bhilai sent a small but capable team to participate in this event. The students of IIT Bhilai participated with zeal and were full of energy. This edition was one of the biggest throughout the history of the Inter IIT Sports Meet with more than 3500 participants.



PRAYATNA : Intra-IIT Sports League

The Sports Council of IIT Bhilai had organized the institute's first intra-college sports league - Prayatna 2018. What started as just an intra-college sports event has shaped out to be something monumental and extraordinary. The success of Prayatna led to Prayatna 2.0, in 2019. There were six teams and each team fought hard against one another until finally there emerged a victor. At the closing ceremony of Prayatna 2.0, the teams and all the dedicated players were rewarded for the hard work and dedication they had shown over the course of the event. Prayatna has become an important part of student life at IIT Bhilai and provides an opportunity for those interested in sports.



NSS Activities

National Service Scheme (NSS) is a voluntary service at IIT Bhilai to remind students of their moral and social responsibilities towards society. It is a program which helps students develop their personality through community services. NSS at IIT Bhilai provides a platform for interaction between students and the people near IIT Bhilai, where the students can present their ideas for social welfare in backward communities. Activities like cleanliness drive, plantations, teaching campaigns, cleanliness awareness in villages, etc., are conducted on a regular basis. NSS helps the students to develop appreciation for the viewpoints of other people and to develop consideration towards others in the society. The motive for NSS activities at IIT Bhilai is to understand the community in which we work, identify the needs and problems of the community and develop involvement in problem-solving skills. The motive includes inculcating a sense of social and civic responsibilities and finding practical solutions to individual and community problems.





Cultural Events

With a tight academic schedule running throughout the year, cultural events are the key space for students to express themselves. In this aspect, various cultural events such as music nights, dance nights, theatre nights, etc. are organized by the students within the campus. Apart from that, students participate actively in cultural events organized by various other institutes.

Drishya, our dramatics club, has performed various plays. They performed a nukkad natak at Marine drive spreading the message of Swachch Bharat. A satirical play on our parliament was performed. Another play titled 'Shart' depicted the lives of people of Banaras engaged in cremation activities. Members of Swara, the singing club presented amazing solo and group performances. Several singers, songs and instruments created an electrifying atmosphere. Dance is passion embodied, a realization of being alive and free. Members of our dance club Beathackers performed a wide range of dances: solo, duet and group.

IIT Bhilai Motorsports

IIT Bhilai motorsports is a student team of motorsports enthusiasts from IIT Bhilai. The Club was established in 2017 with 60+ members aiming to design and create an ATV to compete in national level all-terrain vehicle events. IIT Bhilai motorsports made its debut at Enduro Student India (ESI) 2019, being the only 3rd generation IIT to participate in this competition. This year the team aims to participate in SAE BAJA, India's largest ATV design competition.



Welcome to IIT Bhilai family. IIT Bhilai strives to provide you the best platform to shape your future and fulfill your ambitions. As you are starting a new inning of your life, I wish you an exciting journey in the next few years at IIT Bhilai.

Dr. Udayraj, Assistant Professor, ME



Meraz

Meraz was IIT Bhilai's first Techno-Cultural fest held between 5th to 7th October, 2018. It was a perfect combination of technical and cultural events. There were several cultural events such as dance competitions, the battle of bands, nukkad natak, fashion show and many more. The students of various clubs of IIT Bhilai and those of other colleges put in a lot of effort for these events and put up excellent performances. On the technical side, there were coding competitions and competitions such as robo-sumo, robo soccer, arena haste, etc where students from other colleges participated as well. There were gaming events such as the FIFA tournament and CSGO competitions in which students participated with huge enthusiasm. Besides these there were several informal events such as speed dating, beg borrow steal and truth or dare. All these events were organized by students of IIT Bhilai and were a huge success. There were also some performances by renowned stars such as Appurv Gupta (Stand-up Comedy). The Indian Jam Project and Underground Authority put up some amazing performances. And finally, there was a DJ Night.



Welcome you all to the new journey of your life. I extend my sincere thanks for opting IIT Bhilai to frame your career in the world of technology. IIT Bhilai will help you to explore yourself and nurture your talent. Grab all the opportunities available for the betterment of your future. Spend your precious time at IIT Bhilai at full throttle and we will try to make your journey most memorable.

Dr. Vijay S Duryodhan, Assistant Professor, ME



After spending a year at IIT Bhilai, I would say it's like my "second home". Campus environment is so conducive with facilities like Gyms, sports courts, Libraries, Labs, etc. Also being a newer institute it provides us with ample opportunities to grow. We can try almost anything and everything new here.

Driti Singh, CS



All my worries regarding this newly built institute were lost somewhere, when I experience the joy of being a member of this small but skillful family. It has a totally different fractal system and courses are designed in such a way to achieve overall development of a student. Prayatna, an intramural sports event of IIT Bhilai, gives chance to each and every student to showcase his/her sporting talent.

Shubham Arora, CS



Being one of the newest IITs, the students at IIT Bhilai get many opportunities and special attention from faculty members to grow their talents and increase their potential. There are sufficient number of well-established and talented teachers to get different varieties for projects, internships and course works.

Debabrota Sadhukhan, CS



We have the best infrastructure among the newly established IITs. One can learn a lot of new things by joining cultural or sports clubs with no bounds. These clubs lead one to Inter IIT competition and lot more other competitions depending on performances.

Suggala Sai Teja, EE



I am really grateful to be a part of this esteemed institute. I love creating memories everyday, thereby, spending a very fruitful first-year. Thanks a lot IIT Bhilai!

Rathindra Nath Mal, EE

IIT Bhilai showed me the way of living life. Before coming to IIT Bhilai, I was unknown but after coming to IIT Bhilai changed my outlook. Actually, I am an athlete and could not pursue my interest for the past two years but, IIT Bhilai gave me an opportunity again to bring out my talent through sports event (Prayatana) while having an education along with practical knowledge. Thank you IIT Bhilai

Ganta Hemanth Sai Kiran, CS



IIT Bhilai is advancing itself day-by-day, provides students with sophisticated laboratories. Excellent faculty members were always helpful to me. The institute helps you in theoretical aspects, communication skills and provides a plethora of Research and Development opportunities.

Madhukar Kollu, EE

STUDENTS SPEAKS



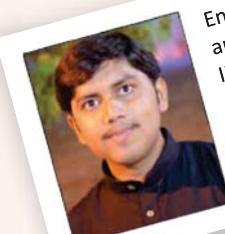
I can understand if you're apprehensive about joining a new institute such as this one. But trust me when I say that it is worth it in its own way, because you become one of the building blocks here. You will have a helluva lot of fun in your years here and get to learn a lot to take with you to the future...
Aditya Rajesh, ME



I think, IIT Bhilai is not only an institute to provide a higher education but also it teaches how to develop a smart character so that one can be fascinated in his life. Here, I have experienced an amazing relationship between professors and students; seniors and juniors; which touches all the hearts. Overall, the culture of IIT Bhilai makes easier to convert one's dream into reality.
Shubhm Giri, ME



I like the unique fractal system and course structure at IIT Bhilai. After studying for two years I feel that the course structure is organized for proper development of student's hard and soft skills and the fractal system helps in better evaluation and understanding of these skills.
Adwait Parasnis, ME



Engineering is "the action of working artfully to bring something about" and IIT Bhilai provides creative and liberal arts courses so that you can "bring something out from within you." We welcome you here at IIT Bhilai.
Shiva Kant Sonkar, ME



Being one in the pioneering batch of IIT Bhilai was a good experience. Watching the foundation of an IIT built and contributing to the student body is one of the amazing parts of my life. We saw the transformation from "IIT Bhilai kaha hai" to "Waha IIT Bhilai hai". I am sure that our IIT is going to emerge a top IIT down the year.
Rachuri Sri Pramodh, EE



Journey at IIT Bhilai have been exhausting yet exhilarating. There was so much to explore and experience and still is. In short, my first year at the institute was the best year of my life.
Prashant Kumar Meena, EE



Being a part of this esteemed institute, Bhilai has given me a chance to sharpen my skills in the field of my choice. Being in a new Institute we get many opportunities in every field.
Kumari Rani, CS



My journey at IIT Bhilai has been one that was most enthralling and fascinating, triggering some incredible memorabilia and experiences over these two long years. The captivating dynamicity and inherent diversity of the entire prevailing atmosphere has had a mesmerizing impact on my perceptions and undertakings, that today enthuses me to cherish every moment I've breathed here. Wish you all the warmest and most cordial welcome at the commencement of this bright journey. Give your best, and relish the diverse horizons of success and bliss greeting your way in the days to come!
Saptarshi Mukherjee, CS

STUDENTS SPEAKS



ACADEMICS AT IIT BHILAI

IIT Bhilai fosters and encourages students to excel in their programs of study and recognizes the same in several ways. IIT Bhilai follows fractal academics in which the courses are atomized into breadth and depth. Thus, it allows the students to do many basic courses in different departments and specialized courses in greater depth.

Fractal System

In general, courses in IITs are offered in a 14-week long semester-based system. At IIT Bhilai, we have adopted a fractal system of academics. In this system, a semester is divided into six fractal segments. Any course offered by the institute can run over multiple consecutive fractal segments and can have a credit of 1, 2, 3, 4, 5 or 6. Normally a course spanning over one fractal segment shall have a credit of 1 while a course spanning over all the six segments shall have a credit of 6.

The fractal system of academics offers scope of various modern mechanisms of imparting education including tele-education, creation of breadth as well as depth of the subjects. It offers flexibility, fosters modern interdisciplinary education, offers a wider choice of electives, encourages research at the undergraduate level, provides scope for strong industry interaction, encourages creativity and offers a bouquet of courses in Creative Arts (music, movie making, fine arts, photojournalism, performing arts, etc.) and Liberal Arts (Economics, English and Psychology).

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.

Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA)

The academic performance of a student is typically indicated by the SGPA and 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. 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 a research orientation, including exploration and self-study. The undergraduate students are also encouraged to do such courses if they are able to handle the load.

The philosophy of the course work at IIT Bhilai is to have less handholding and to shape engineers with a greater sense of professional independence. Therefore, a major part of the course work is devoted towards research orientation. Each M.Tech. student is expected to carry out at least one year (or maybe longer) duration thesis work. At the Ph.D. level, students are expected to carry out research at a much more advanced level. Postgraduate courses offer the opportunity to indulge in applied part of academics, including the development of problem formulation and problem-solving techniques.



Institute Academic Calendar for 2019-20-M semester

ACADEMIC EVENTS	DATE/DURATION
Reporting	23 July (Tue) New UG and PG Students
Orientation	23 July (Tue) - 26 July (Fri) New UG and PG Students
Registration	26 July (Fri) Old UG and PG 27 July (Sat) New UG and PG
Ph.D Candidacy Exam	25 July (Thu) - 26 July (Fri)
Supplementary Examination	25 July (Thu) - 26 July (Fri)
Start of fractal segment 1X	29 July (Mon)
End of fractal segment X1	13 Aug (Tue)
Start of fractal segment 2X	14 Aug (Wed)
End of fractal segment X2	03 Sep (Tue)
First Tierce Examination	04 Sep (Wed) - 06 Sep (Fri)
Start of fractal segment 3X	09 Sep (Mon)
End of fractal segment X3	24 Sep (Tue)
Start of fractal segment 4X	25 Sep (Wed)
End of fractal segment X4	18 Oct (Fri)
Second Tierce Examination	21 Oct (Mon) - 23 Oct (Wed)
Start of fractal segment 5X	24 Oct (Thu)
End of fractal segment X5	08 (Nov)
Academic Pre registration	11 Nov (Mon)
Start of fractal segment 6X	11 Nov (Mon)
End of fractal segment X6	26 Nov (Tue)
Research Seminar	21 Nov (Thu) - 22 Nov (Fri)
Third Tierce Examination	27 Nov (Wed) - 29 Nov (Fri)
Mid Semester Break	05 Oct (Sat) - 13 Oct (Sun)
Vacation	30 Nov (Sat) - 26 Dec (Thu)

INSTITUTE FACILITIES

Computing Labs

The institute has two state-of-the-art computer laboratories. The labs have a total of 64 Desktop computers and six server machines with good storage and processing capabilities. The institute has two high-speed Internet links provided by National Knowledge Network and BSNL. The hostels are connected through campus-wide LAN and provide Wi-Fi links for the use of students. The entire campus of IIT Bhilai is Wi-Fi enabled and students can use the network seamlessly across various facilities.



Digital Fabrication Lab

The future of the manufacturing industry belongs to additive manufacturing. At IIT Bhilai, a digital fabrication lab has been established to provide exposure to this most modern next-generation manufacturing technology to the students.



Congratulations on beginning a new phase of your life at IIT Bhilai. As a thriving and young institute, here, you will get a chance to explore and experience education in a new kind of environment.

Dr. Amit Kumar Dhar, Assistant Professor, EECS

Do-It-Yourself (DIY) Lab

DIY Lab is meant to make students indulge in building prototypes. The lab is established with an aim to provide adequate hands-on training to the students in handling various equipment. The lab is equipped with tabletop precision CNC machines for machining operations such as milling, turning, drilling, boring, etc. and laser cutting machines for cutting and engraving on soft materials. All undergraduate students of the institute undergo training in the DIY lab.



Electrical Engineering lab

The lab is equipped with state of the art equipment with remote monitoring/control capabilities for every test and measurement instrument on every worktable in order to enable consultation/evaluation from anywhere. The lab is aimed at providing resources and facilities for out of the box thinkers. Project-based learning imparts problem-solving skills in students and makes them technically competent. In essence, the lab caters to the ever changing and ever challenging needs of the industry.



By updating our classical world to a new wonderland of relativity and quantum stuff, modern science is engaged to probe the atomic scale to tiniest nuclear matter for searching the ultimate building block of the universe. If you want to jump to a scientific realization of those scales by overcoming our traditional human realization, you are welcome to IIT-Bhilai

Dr. Sabyasachi Ghosh, Assistant Professor, PH



Field Programmable Gate Arrays (FPGA) Lab

FPGAs are digital circuits that can be programmed or configured by users to cater to a wide variety of industrial and research applications. FPGAs find their usage in many different industries like aerospace, defense, automotive, consumer electronics, communications, industrial automation, image, and video processing. All the first year students of IIT Bhilai are introduced to FPGA and the concepts of digital hardware design in the Applied Digital Logic Design course. The course and the lab are designed in a manner that will encourage students to make use of the latest digital hardware design tools in their respective disciplines and areas of interest. The lab is equipped with state-of-the-art FPGA boards that are used for teaching as well as project and research work.



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 understanding the laws of nature as well as the basic working principles of various modern electronics. This is the place where students perform real-time experiments on the topics which they have learned so far. The lab is dynamic and keeps updating with new experiments to remain relevant to the changing times.



I would like to offer a special welcome for our new students to another Temple of education. The state-of-art laboratories & hands-on experience on the latest technology helps to develop new ideas for both jobs & development of entrepreneurship character. Thus, I invite you to join us to get ready to face the world through systematic, holistic & technical training. Hope the time you spend in IIT Bhilai will bring you the satisfaction, challenge, and success.

Dr. Raghavender Medishetty, Assistant Professor, CY

Chemistry Lab

The chemistry lab is equipped with all the necessary infrastructure to conduct experiments on inorganic and organic synthesis, analytical methods and physicochemical measurements. The experiments are selected in such a manner that the students are motivated to explore the science in chemistry further. The lab aims to nurture a creative environment for both teaching and research to instill excellent working relationships with undergraduate and graduate students.

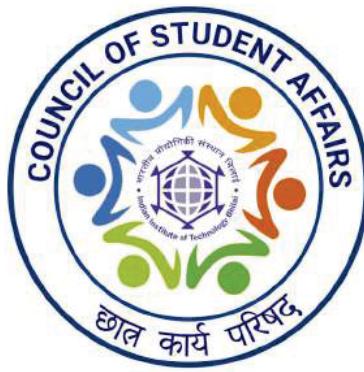


Central Library

A library is a unique place inside the campus with its rich collection of books in the field of engineering, science, technology, and related areas. The Library acts as a knowledge center that offers access to essential and specialized information resources and services to meet the growing information needs.



COUNCIL OF STUDENT AFFAIRS (CoSA)



CoSA is a body of students that coordinates all student activities in the institute. The aim of this body is to strive for the overall development of the students in the institute. The executive council consists of various members viz. Senate Chairperson, General Secretary Cultural, General Secretary Outreach, General Secretary Science and Technology, and General Secretary Sports, who, along with President, work in their respective fields for the betterment of IIT Bhilai. The council members are elected through general elections held in the month of March, just before the end of the academic year. The term of the council is for one year.

The CoSA acts as a bridge between the administration and the students. It works constantly to improve campus life of the students while nurturing their skills in various fields of their interest. The various bodies within the council include President's Council, Sports and Games Council, Cultural Council, Student Senate and Science and Technology Council, which assist in the smooth functioning of CoSA in all areas.





STUDENTS' CLUBS AT IIT BHILAI

Co-curricular activities are as important as academics. It builds the character of a person and helps them achieve new heights in life. For this, CoSA has various activity clubs. Students are encouraged to join various clubs and indulge in their hobbies. The current set of clubs are the following:

Arts Club (Renaissance): Coordinator – Kasireddy Soumya Sree

Arts Club is all about providing a platform for the students who are seeking a creative outlet through cultural activities in addition to their academic schedule. Arts Club endeavors to help the students cope with academic stress and create an enjoyable ambience for them. The club involves in various activities including designing college T-shirts, hoodie, posters and certificates for institute events. This club organizes several creative events throughout the year.

Dance Club (BeatHackers): Coordinator – Shanu Gautam

The objective of this club is to encourage students in dance and related shows. They organize several dance workshops and competitions where students can explore themselves through dance. The aim of this club is to form an efficient dance team to perform at national/international levels. The team has participated in Open Mic (at IIT Hyderabad), freedom fortnight (Independence Day) and conducted workshops on bhangra, hip hop, and Bollywood style dance.

General Oratory and Literary Society (GOALS): Secretaries – Aryavrat Singh Bhagel, Shiva Kant Sonkar

GOALS, which stands for General Oratory and Literary Society is a society which sprung from the Orators club. Initially confined to the arena of public speaking, it was later decided that the club would expand its ventures and dabble in other literary fields too. The society is a vibrant one, with lots of regular and interesting activities, serving to be fun as well as beneficial. Every student taking part in these activities is encouraged to come out of his/her shell and start communicating effectively. The society also has its own newsletter, called the Couch Potato. The contents are typically informal and talk about the most interesting things happening in and around the campus.

Drama Club (Drishya): Coordinator – Shivansh Ajay Mishra

“The most exciting acting tends to happen in the roles you never thought you could play” - John Lithgow. Drishya is the official drama club of IIT Bhilai, where you enter into a new world. You forget about yourself and gain the identity of an anonymous character. Here you can be the opposite of what you are or anyone you want to be. You will get a chance to act, write scripts, direct plays or you can also become a storyteller. All those who believe there is an actor inside them, do come and become a part of the Drishya family

Music Club (Swara): Coordinator – Debajyoti Halder

In our daily pursuit to achieve professional excellence we often neglect certain aspects of life and music is one of them. The club endeavors to spread awareness and induce a diverse music culture on campus, encouraging students to take up instruments and giving opportunities to perform in front of a crowd. They aspire to grow bigger in the upcoming years with more fresh voices joining the club.



News and Media Club (Inside): Coordinator – Ankit Yadav

“Inside” is the student media body of IIT Bhilai: a team of dedicated individuals with a zeal for writing and passion for developing media skills. The power of professional media has revolutionized the way things shape up these days around the globe. Inspired by the fraternity of journalists and showmen, the club aims to set up a student community committed to providing an effective forum for communication within the Institute. The “Inside” team maintains the intra-college newsletter, institute’s social media profiles, content development of websites and several more.

The Pixel Snappers: Coordinator – Saksham Bhusan

The Pixel Snappers seek to display their love of photography through the constructive criticism of peers, leisure activities that involve photography, and the promotion of photography in and around the IIT Bhilai campus. The Pixel Snappers capture all the amazing, beautiful and candid moments of every event organized inside the IIT Bhilai campus.

Electromos Club: Coordinator – Ayushneel Titus

Electronics is one of the most visible clubs at IIT Bhilai. All the electronics components and chips are issued to the students by the Electronics club. The best part of the club is that the students convert their innovative ideas into real-life projects. The club makes it possible to get hands-on experience in building new machines and gadgets using electronic components. The club provides support, guidance, and means to help students to realize their conceptual designs and ideas to working real-life machines. The club also organizes many activities like competitions, seminars, demonstrations, and exhibitions.

Developers Student Club IIT Bhilai: Coordinator – Arjun Singh Kushwaha

Developer Student Clubs or DSC is a University Program kickstarted by Google. The Developers' purpose is to train thousands of student developers globally and work with their communities to solve real-life problems. DSC IIT Bhilai was set-up primarily to ensure that we can bridge the divide between a student's eagerness to learn and the technology evolving every day. Some of the activities of DSC are:

Workshops: DSC organizes and facilitates workshops to provide students with technical development skills. DSC conducted a workshop on "Introduction to Python and Concepts of Machine Learning which turned out to be a huge success with a lot of participation.

Projects: DSC will take up projects and provide opportunities to any individual or group with a good idea for a project.

Quizzotica: Coordinator- Pothukuchi Siddhartha

The newly introduced quizzing club of IIT Bhilai mainly focuses on developing a culture of competitive quizzing in the institute. There would be regular practice, and formation of squads which can represent the institute at different regional and national level quiz competitions. Events would be conducted on a weekly basis to improve quiz-related skills, so that there would be efficient performances in various competitions.



Epsilon Club: Coordinator – Ketha Jaya Sandeep

With the motto of “IMAGINE, INVENT, INSPIRE”, the club came into establishment in April 2017. This group shares a common passion for the field of Robotics. The idea of providing a common platform for students interested in Robotics is what makes Epsilon different from other clubs. The main motive of the club is to provide a really strong platform for bringing students’ ideas on Robotics into reality. The club provides all the necessary assistance for the same along with several other activities.

Institute Innovation Council



Ministry of Human Resource Development (MHRD), Govt. of India has established ‘MHRD’s Innovation Cell (MIC)’ to systematically foster the culture of Innovation amongst all Higher Education Institutions (HEIs). MIC has envisioned the creation of ‘Institution’s Innovation Council (IICs)’ across selected HEIs. A network of these IICs will be established to promote innovation in the Institution through multitudinous modes leading to an innovation promotion eco-system in these campuses. The IIC of IIT Bhilai was recognized by MIC during the inaugural function of IIC at AICTE HQ held on November 21, 2018, MIC. The IIC for IIT Bhilai comprises of three faculty members and 15 student members. The IIC of IIT Bhilai has laid a platform for all the students to exhibit the gained knowledge and talent from courses and technical clubs. It helped to portray the capabilities of our students to other HEIs when a team from IIT Bhilai competed with other teams and won in Smart India Hackathon-2019.

The Space Exploration Society (SES): Coordinator – Abhishek Prashant Shingane

SES is a society that seeks to provide a platform for conducting activities and projects in the fields of observational astronomy, theoretical astrophysics, and aerospace engineering. As a society, they prepared an introductory newsletter named Stellar as a part of the launch which will be continued further. The activities are planned to be in the form of presentations and guest lectures related to astrophysics. The society will be happy to support the interests and projects of the students in this field.



SPORTS FACILITIES AT IIT BHILAI

Sports teach key values such as teamwork, respect, passion, hard work, etc. These attributes help in developing an individual's character.

We at IIT Bhilai strongly believe that having good sports facilities in an institute is an essential fundamental requirement that helps the students to tackle the challenging curriculum with an open mind and in good physical health. We strive towards providing the best sporting facilities for our students.

IIT Bhilai has several grounds and courts, where students practice games like cricket, badminton, basketball, volleyball, and football. Indoor games such as table tennis, snooker, carom, chess are also available within the hostels for easy access by students round-the-clock.

A well-equipped gymnasium is built within the academic block to provide general fitness training to the students.

IMPORTANT INFORMATION FOR THE FIRST YEAR STUDENTS

The degree programs at IIT Bhilai are designed to create responsible technical leaders with innovative thinking. To impart up-to-date knowledge in technical and other allied subjects, we often modify and introduce new electives in our curriculum. Our courses have some components of mini-project, assignments, surprise quizzes, etc. The curriculum requires sincerity, effective time management, independent decision making, and discussions with students and instructors. Since the undergraduate students enter college life at this stage, they may find themselves completely independent persons for taking decisions in technical as well as personal life. 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. In order 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. The importance of the orientation program can't be undermined as it is designed to make your transition as smooth as possible. 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 in contacting any of the faculty members or staff for your needs, helps and any directions as needed.

When to Report

IIT Bhilai organizes an orientation program and it is mandatory for all the first year students to attend without fail. The complete schedule for the orientation program is provided in the brochure. In this regard all the first year students are required to report at IIT Bhilai on 23rd July, 2019 at 7:30 a.m.

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 the 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 counseling.
- 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.
- For students seeking admission to B.Tech. program at IIT Bhilai, JEE Advance offer letter, Admit card for JEE (Main) and JEE (Advanced) shall be required in original as well as in photocopy. For students seeking admission to M.Tech. program and Ph.D. programs, other documentary details shall be needed including GATE scorecards, marksheets and degree certificate of the qualifying examination, etc.
- Educational certificates like 10th Class and 12th Class mark sheets and certificates and self-attested photocopies are required for the proof of age.
- Category certificates (Caste and PwD) are required to check the candidature for admission as well as for the applicable schemes such as fee exemption, scholarship, etc.
- Fitness certificate is required from a recognized government doctor.
- 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 in Raipur but would 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 suitability for Raipur's weather.
- Cotton clothes are best suited for the summer at Raipur.
- 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.

Note of Caution

Since you are away from your parental place, there may be chances of catching unwanted infections. It would be better and you may be advised by your doctor to get yourself vaccinated against contagious diseases like Hepatitis B, chicken pox, measles, typhoid, tetanus, etc.



HOTELS IN RAIPUR

There are several hotels available within the city for accommodation. Our staff has done an extensive survey and has provided the following list of hotels along with the distances from various landmarks. You can contact the hotels well in advance and book your accommodation. Students will get their hostel accommodation on 23rd July when they report at the campus. IIT Bhilai organizes bus pickup from various prominent points in the city in the morning of 23rd July as per the schedule given in this brochure. The following list contains the names, addresses, contact numbers and distances of various hotels from different landmark places within the city. Please book your accommodation as per your schedule.

Name	Address	Contact	Distance (Km) from			
			Railway Station	Pandri Bus Stand	Airport	IIT Bhilai
Hotels near Railway Station						
Hotel Le Roi	Besides Raipur Railway Station, Raipur, Chhattisgarh	07712971354	0.3	3	17	14
Golden Hotel	In Front of Raipur Railway Station, Station Chowk, Raipur, Chhattisgarh	07714043500	0.5	3	17	14
Hotel Dolphin	In Front of Raipur Railway Station, Station Chowk, Raipur, Chhattisgarh	07714036001	0.5	3	17	14
Hotel Grand International	Behind Gurudwara, Station Road, Raipur, Chhattisgarh	07714039402	0.5	3	17	14
Hotel Simran	Station Road, Raipur, Chhattisgarh	07714092542	1.5	2.5	16.5	13.5
Hotel Sudha Regency	Station Road, Raipur, Chhattisgarh	07716453000	1.5	2.5	16.5	13.5
Hotel Simran Heritage	Station Road, Raipur, Chhattisgarh	08982856730	1.5	2.5	16.5	13.5
Hotel Raipur Inn	Station Road, Raipur, Chhattisgarh	07714223351	1.5	2.5	16.5	13.5
Hotel Royal Ambience	Station Road, Raipur, Chhattisgarh	07714016001	1.5	2.5	16.5	13.5
Hotel Celebration	Fafadih Chowk, Jail Road, Raipur, Chhattisgarh	07714092990	2	2	16	12
Hotel Sharda Inn	Fafadih Chowk, Jail Road, Raipur, Chhattisgarh	07714092729	2	2	16	12
Hotel Vennington Court	Fafadih Chowk, Jail Road, Raipur, Chhattisgarh	09522220862	2	2	16	12
Hotel Babylon Inn	Fafadih Chowk, Jail Road, Raipur, Chhattisgarh	07714299999	2	2	16	12



Hotels near Bus Stand						
Hotel Satlaj	Jail Road, Kutchary Chowk, Raipur, Chhattisgarh	07714066124	3	1.5	15	11
Hotel Punjab Palace	Jail Road, Kutchary Chowk, Raipur, Chhattisgarh	07489350001	3	1.5	15	11
Hotels near Institute						
Hotel IVY	Ring Road No. 1, Near Pachpedi Naka, Raipur, Chhattisgarh	07714212121	6	5	13	9
Hotel Sapphire Inn	Ring Road No. 1, Near Pachpedi Naka, Raipur, Chhattisgarh	07714252525	6	5	13	9
Hotels near Airport						
Hotel Grand Imperia	V.I.P. Road, Rajiv Gandhi Marg, Raipur, Chhattisgarh	07713007777	7	6	9	12
Hotel Florence	V.I.P. Road, Rajiv Gandhi Marg, Raipur, Chhattisgarh	07714218801	7	6	9	12
Hotel Babylon	V.I.P. Road, Rajiv Gandhi Marg, Raipur, Chhattisgarh	07714255555	7	6	9	12
Hotel VW Canyon	VIP Road II, Near Agrasen Dham, Raipur, Chhattisgarh	08966006501	10	8	8.5	11.5
Hotel Zone by The Park	VIP Chowk, N.H. 6, G. E. Road, Raipur, Chhattisgarh	07714320000	6.5	5.5	9.5	12.5
Hotel Hyatt	Besides Magneto Mall, N.H. 6, G. E. Road, Raipur, Chhattisgarh	07714241234	7	6	9	12
Hotel Sayaji	Behind Magneto Mall, N.H. 6, G. E. Road, Raipur, Chhattisgarh	07714344444	7	6	9	12
Hotel Courtyard by Marriott	Labhandi, N.H. 6, G. E. Road, Raipur, Chhattisgarh	07714330000	10	9	12	14

Information for the Parents

IIT Bhilai would like to engage with parents for the 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 comfort levels may not be at par with the ones available at home. However, it is our endeavor 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. We would also like to give them a connect with the social fabric of the country and an appreciation of the problems in the environment and to find solutions. As a future leader of the professional world, such knowledge will come handy to them. 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. You can help in making this transition as smooth as possible by being supportive of their endeavors. Feel free to contact us over email or phone in case of any urgent attention. During these times, if you notice something unusual and would like to draw our attention to it, feel free to do so.



ORIENTATION PROGRAM 2019: SCHEDULE

Time	Events	Venue
Day 1 - 23rd July		
07:30- 09:00	Reporting, breakfast, hostel room allocation and student mentors' meet	Castle Dio
9:30- 10:00	Inauguration session	GEC auditorium
10:00- 16:00	Registration/ ID card/ Sim card/ Bank account opening/ Education loan/ Lunch/ Essential shopping	Academic block and Castle Dio
16:15 – 17:45	Parents and Students meet with Director/ Deans / Faculty advisors	GEC auditorium
18:00 onwards	Essential shopping continued	Castle Dio
Day 2 - 24th July		
06:30- 07:30	Physical activities (Yoga, Sports)	Academic block
08:00- 09:30	Breakfast	Castle Dio
09:30- 10:00	Assemble	Academic block
10:00- 11:30	Interaction with CoSA	Academic block, 207
11:30- 11:50	Snacks	Academic block
12:00- 13:00	Guest lecture	Academic block, 207
13:00- 14:00	Lunch	Castle Dio
14:00- 14:30	Assemble	Academic block
14:30- 16:00	Interaction with students' club coordinators	Academic block, 207
16:15 - 17:00	Team building activities	Academic block, 207
17:00- 18:00	Photography session and snacks	Academic block, 207
Day 3 - 25th July		
06:30- 07:30	Physical activities (Yoga, Sports)	Academic block
08:00- 09:30	Breakfast	Castle Dio
09:30- 10:00	Assemble	Academic block
10:00- 12:00	Lab visit	In respective rooms
12:00- 13:00	Interaction with departmental faculty members	Academic block
13:00- 14:00	Lunch	Mess
14:00- 14:30	Assemble	Academic block
14:30- 15:45	Team building activities	Academic block, 207
16:00- 17:00	Information about medical facility	Academic block, 207
17:00- 18:00	Snacks	Academic block, 207
18:00- 19:30	Treasure hunt	Academic block, 207
Day 4 - 26th July		
06:30- 07:30	Physical activities (Yoga, Sports)	Academic block
08:00- 09:30	Breakfast	Mess
09:30- 10:00	Assemble	Academic block
10:00- 11:30	Guest lecture	Around academic block
11:30- 13:00	Team building activities	Academic block, 207
13:00- 14:00	Lunch	Mess
14:00- 14:30	Assemble	Academic block
14:30- 15:30	Introduction to mail system + AIMS portal	Academic block, 207
15:30- 17:00	Sci-Tech workshop	Academic block, 207



17:00 - 17:45	Snacks	Academic block, 207
18:00 onwards	Cultural event	GEC auditorium
Day 5 - 27th July		
08:00 - 09:30	Breakfast	Mess
10:00-11:00	English test	Academic Block
11:00 - 12:30	Branch-wise interaction (with students)	Academic block
12:30 – 14:00	Lunch	Mess
15:00 onwards	City tour	Shall start from Academic block

Transport Facility for Orientation Program

IIT Bhilai shall run buses from Raipur city to IIT Bhilai transit campus in the morning of 23rd July, 2019 as per the following schedule. If you desire to use the bus, feel free to use it and our staff will be there for any assistance. Buses will also be available in the evening of 23rd July, 2019 from IIT Bhilai campus to Raipur city. It is advised to report 10 minutes prior to the scheduled departure time of the buses at all boarding points.

Buses from Raipur to IIT Bhilai Transit Campus						
Location	Pick-up Point	Bus #01	Bus #02	Bus #03	Bus #04	Bus #05
Raipur Junction	Reservation Centre, Raipur	06:30	06:45	06:45	07:00	07:05
Raipur Bus Stand	Shyam Plaza, Pandri, Raipur	NA	07:00	07:00	07:15	07:20
Raipur Telibandha	Jai Jawan Petrol Pump, Raipur	NA	07:15	07:15	07:30	07:50
IIT Bhilai	Castle Dio	07:30	07:45	07:45	08:00	08:05
Buses from IIT Bhilai Transit Campus to Raipur						
IIT Bhilai	Castle Dio	17:00	18:00	18:30	19:00	19:30
Raipur Junction	Reservation Centre, Raipur	18:00	19:00	19:30	20:00	20:30
Raipur Bus Stand	Shyam Plaza, Pandri, Raipur	18:30	19:30	20:30	20:30	21:00

List of faculty members at IIT Bhilai

Department of Chemistry	
Dr. Arup Mukherjee (Ph.D., IISER Kolkata)	Dr. Sanjib Banerjee (Ph.D., IACS Kolkata)
Dr. MD. Mehboob Alam (Ph.D., University of Calcutta)	Dr. Satyajit Gupta (Ph.D., IISc Bangalore)
Dr. Raghavender Medishetty (Ph.D., National University Singapore)	Dr. Suchetan Pal (Ph.D., Arizona State University)
Dr. D. Ganapathy (Ph.D., IIT Madras)	
Department of Electrical Engineering and Computer Science	
Dr. Amit Kumar Dhar (Ph.D., University Paris Diderot)	Dr. S K Subidh Ali (Ph.D., IIT Kharagpur)
Dr. Arzad Alam Kherani (Ph.D., IISc Bangalore)	Dr. Santosh Biswas (Ph.D., IIT Kharagpur)
Dr. Avishek Adhikary (Ph.D., IIT Kharagpur)	Dr. Souradyuti Paul (Ph.D., KU Leuven)
Dr. Barun Gorain (Ph.D., IIT Guwahati)	Dr. Sreejith T. V. (Ph.D., IIT Hyderabad)
Dr. Dhiman Saha (Ph.D., IIT Kharagpur)	Dr. Subhajit Sidhanta (Ph.D., Louisiana State University)



Dr. Nikhil Chander (Ph.D., IIT Delhi)	Dr. Veena Bansal (Ph.D., IIT Kanpur)
Dr. Prashant Agnihotri (University of Manitoba)	Dr. Vinod Reddy (Ph.D., IIT Gandhinagar)
Dr. Rishi Ranjan Singh (Ph.D., IIT Ropar)	Prof. Rajat Moona (Ph.D., IISc Bangalore)
Department of Mathematics	
Dr. Asrifa Sultana (Ph.D., IIT Madras)	Dr. Raj Kumar Mistri (Ph.D., IIT Patna)
Dr. Avijit Pal (Ph.D., IISc Bangalore)	Prof. P.D. Srivastava (Ph.D., IIT Kanpur)
Dr. Kuldeep Kumar Kataria (Ph.D., IIT Bombay)	
Department of Mechanical Engineering	
Dr. Anshul Faye (Ph.D., IIT Kanpur)	Dr. Rahul Jain (Ph.D., IIT, Kharagpur)
Dr. Balkrishna Mehta (Ph.D., IIT Kanpur)	Dr. Soumya Gangopadhyay (Ph.D., IIT Kharagpur)
Dr. Jose Immanuel R (Ph.D., IIT Madras)	Dr. Udayraj (Ph.D., IIT Delhi)
Dr. Kaushik Bandyopadhyay (Ph.D., IIT Kharagpur)	Dr. Vijay S. Duryodhan (Ph.D., IIT Bombay)
Dr. Pravesh Chandra Shukla (Ph.D., IIT Kanpur)	Prof. S.K. Maiti (Ph.D., IIT Bombay)
Department of Physics	
Dr. Dhriti Sundar Ghosh (Ph.D., ICFO Spain)	Dr. Sabyasachi Ghosh (Ph.D., VECC Kolkata)
Dr. Dhruv Pratap Singh (Ph.D., IIT Delhi)	Dr. Sesha Vempati (Ph.D., Queen's University UK)
Dr. Kavita Devi (Ph.D., ICFO Spain)	Dr. Sudhanwa Patra (Ph.D., PRL Ahmedabad)
Department of Liberal Arts	
Dr. Anindita Ghosh (Ph.D., IIT Hyderabad)	Dr. Sonal Jha (Ph.D., IIT Kanpur)
Dr. Sitakanta Panda (Ph.D., IIT Delhi)	



HOW TO REACH IIT BHILAI

The transit campus of IIT Bhilai is situated at the following address:

**Indian Institute of Technology Bhilai
Government Engineering College (GEC) Campus,
Old Dhamtari Road, Sejbahe, Raipur – 492 015 (C.G.).**

One can reach Raipur, by air, train or road. From Raipur, IIT Bhilai can be accessed as follows:

From Swami Vivekananda Airport

Swami Vivekananda Airport of Raipur is situated in Naya Raipur, Chhattisgarh and is about 15 Km from the transit campus.

The transit campus of IIT Bhilai can be reached by any authorized or prepaid taxi available at Airport and it takes about 30 minutes of journey.

From Raipur Railway Station

Raipur Junction railway station is about 13 km from the transit campus. Various transport possibilities like auto-rickshaw and OLA cab can be used to reach the campus directly. The charges may be approximately between Rs. 200 to Rs. 300.

City buses can also be used for transport till Santoshi Nagar bridge which is the nearest bus stop for the city buses. From there, local transport facilities (like auto rickshaw) can be used to reach IIT Bhilai.

From Other Places in City

Pagaria complex bus stand, Pandri bus stand, Ghadi Chowk, Jaistambh Chowk, Telibandha are prominent points in Raipur city which are about 12-16 km from the campus. From each of these places, auto rickshaws and OLA cabs can be used to reach the campus directly. The charges may be approximately between Rs. 200 to Rs. 300.



Indian Institute of Technology Bhilai

Government Engineering College (GEC) Campus, Old Dhamtari Road, Sejbarah, Raipur Chhattisgarh – 492015.

You are encouraged to visit Polaris-Student Mentorship Programme website at polaris.iitbhilai.ac.in.