



Information Brochure For Students 2018

भारतीय प्रौद्योगिकी संस्थान भिलाई
Indian Institute of Technology Bhilai



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FROM THE DIRECTOR'S DESK



Prof. Rajat Moonra
Director IIT Bhilai

Welcome to IIT Bhilai for an enthralling journey to the professional world that you are about to embark upon. This is a defining phase of your life that you are entering metaphorically by entering into IIT Bhilai. I am sure that you would be thrilled and must be looking forward to your stay at IIT Bhilai. All of us are equally eager to meet you.

An academic institute like IIT Bhilai is synonymous to change, vibrancy and newness. It represents the growth of the nation, advancement of knowledge and furthering of Science and Technology. This journey of accomplishment will be very fulfilling for you and I am sure you shall cherish your stay at IIT Bhilai.

IIT Bhilai is relatively a young institute and being young it brings liveliness, freshness and youthfulness to academics. We have adopted many new innovative ideas in our academics which yield a hands-on curriculum, inter-disciplinary education and flexibility in introducing advanced topics early. Among such innovations are the fractal system of academics, labs such as do-it-yourself and embedded systems etc. This year we have defined the undergraduate and postgraduate curriculum in consultation with experts from all over the country.

As a new entrant to IIT Bhilai, you shall have several questions—questions about academics, questions about hostel life, questions about social life etc. You may be full of apprehensions towards a new beginning that you are going to soon witness. The institute runs a very fruitful orientation program for all new entrants to IIT Bhilai. This will help you not only obtain answers to various questions of yours but also in settling quickly in the new environment. You shall develop strong bonds with your friends and mentors while you are here. This brochure is especially designed to answer some of these questions and to help you understand the institute and campus life better.

This orientation program will be an excellent opportunity for you to interact with world leaders of technology and entrepreneurship and will help you understand the campus life, hostel life and various other fine details of the institute life. For the next few years, IIT Bhilai shall be your second home and the institute shall make all attempts to make it a memorable one.

We look forward to seeing you in the campus soon.



GREETINGS FROM IIT BHILAI



Dr. Bharat Panigrahi

Dean Faculty Affairs
and Administration

A new institute born in 2016, has now 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 up-to-date courses and guidance from the faculty members working in frontier areas of science and technologies. Syllabus has been designed with flexibility while keeping the interest and growth aspects of students along with core courses and projects. These include Digital Fabrication, Design, Creative arts and Liberal arts courses, The institute began with the undergraduate programs and now houses students registered in postgraduate programs such as MTech and PhD programs as well. Postgraduate programs lead to development of research infrastructure in the institute, which will have direct benefit to undergraduate students as well. They will be exposed to the state-of-art laboratories, sophisticated instruments and newer technologies. Every new student joining the institute carries the responsibility to take forward the institute in 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 on your brilliant success and winning admission in IIT Bhilai. I am delighted to welcome all new and continuing students to the 2018-19 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 to all students, sports and gym facilities, night canteen, etc. In addition, we have a vibrant student body and a number of Sci-tech and Cultural clubs. IIT Bhilai will provide you all possible opportunities where you can explore your talent to participate in co-curricular and extracurricular activities to become global leader in the field of your choice. I wish you all the best for your most pleasant stay at IIT Bhilai which you would 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. At 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. Satyajit Gupta

Faculty in charge,
Sports and Yoga

It is my pleasure to welcome the all new and returning students for the start of 2018 session. I wish to congratulate all the new students for getting selected to IIT Bhilai. You are the potential future leaders of the technological world.

IIT Bhilai provides a platform where one can develop overall personality covering career to social welfare. Several cultural, sports, technical and social events are organized by various clubs throughout the year. One will have several opportunities to nurture hobbies and develop social skills through these events.

For many of you this will be first time you are away from your family. However, our extended family at IIT Bhilai shall always be there with you making this, your second home. I wish you a great success for your future ventures.



**Dr. Subrahmanyam
Kalyanasundaram**
Head, Department of
Computer Science
and Engineering

Congratulations on making it to IIT Bhilai and welcome! IIT Bhilai is one of the newest IITs established in 2016, and is growing at a rapid pace. You are part of the third batch of students that will be joining here. The CSE BTech program commenced from August 2016 while the CSE MTech and PhD programs commenced from August 2017.

IIT Bhilai overall and the EECS department in specific, has been growing fast and has excellent faculty members with experience from top institutions and expertise in cutting-edge research areas. What awaits you is an exciting set of courses and labs that will introduce you to different aspects of Computer Science, and engineering in general. The increasing influence of Computer Science in our everyday lives is evident. The BTech and MTech programs at IIT Bhilai have been designed to focus simultaneously on the fundamental areas of Computer Science as well as the state-of-the-art research areas.

I sincerely hope that all of you have an enjoyable and enriching experience during your time at IIT Bhilai. I hope that you make use of the campus resources, excelling in academics as well as co-curricular activities.



Dr. Prasanth Kumar
Head, Department of
Mechanical Engineering

Welcome to the Department of Mechanical Engineering at IIT Bhilai. At this juncture, we are entering into the third year of our journey. Over the past two years, the department has grown considerably in terms of students, faculty, academic lab and research infrastructure. Last year alone, we initiated two academic labs, taking the total number to five. Current permanent faculty strength is seven, and we are expecting more to join in the coming months.

The department offers programs in B. Tech, M. Tech as well as PhD. Our curriculum focuses on imparting knowledge in the latest technological developments and the know-how to encourage innovation in mechanical and interdisciplinary areas. Course contents are updated periodically to keep up with the latest research and industrial needs.

In addition to academics, our undergraduate students prepare and participate every year in various student competitions such as Baja and Robocon. Our curriculum encourages hands-on experience with various term projects which are part of courses. Our postgraduate research, in all the three primary streams of manufacturing, thermal, and design engineering, is supported by research infrastructure and well qualified faculty with excellent credentials. Thank you for your interest in Mechanical Engineering at IIT Bhilai.



Dr. G.V.V. Sharma
Head, Department of
Electrical Engineering

We are all looking forward to meeting the brilliant minds joining Electrical Engineering (EE) at IIT Bhilai. The EECS department strives to serve as a valuable resource for the industry and the curriculum is designed to facilitate a smooth transition from the blackboard to the breadboard, translating equations into electronic circuits. The department has state of the art infrastructure with a cloud connected EE lab running on single board computers.

The faculty, staff and senior students welcome you to the department and will make all efforts to help you realise your goals.



Dr. Sanjib Banerjee
Coordinator, Student
Mentorship Program

It gives me a great pleasure to extend a warm welcome to all our incoming and returning students of IIT Bhilai. A new batch of students always brings new perspectives, enthusiasm and hope. We, at IIT Bhilai, assure you to provide all the facilities, necessary guidance and proper environment where, alongside your studies, you can learn new things, discover your hidden talents in various aspects and actively participate in co-curricular and extra-curricular activities. The goal is to bring the best out of you. We hope this will enable you to become leaders and pioneers in the field of your choice. I wish you all the best for your upcoming most pleasant and prosperous stay at IIT Bhilai. I am sure you will enjoy your time at IIT Bhilai and will cherish it for the rest of your life.



Ketan Mishra
President, Council of
Student Affairs (CoSA)

Welcome to IIT Bhilai, one of the most prestigious institutes of our country. You have cleared one test of your life with bright colours of success but many of them are yet to clear. On behalf of whole student community I wish you all the best for your future journey that starts here.

In academics, IIT Bhilai has world class curriculum, well equipped labs, and library. In parallel, we have a plethora of cultural and technical events organized throughout the year for students to pursue their hobbies and develop interpersonal skills.

CoSA exists to facilitate the availability of different opportunities for the students. As President CoSA, I assure that you will enjoy each and every minute of your stay at IIT Bhilai and collect the memories that you will cherish throughout your life.



IIT BHILAI AT A GLANCE

About IIT System

The concept of Indian Institutes of Technology (IIT) as centres of academic excellence evolved from the vision of Pandit Jawaharlal Nehru to produce world leaders of 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 1950 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 were 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 frame of life. IIT alumni since then have contributed enormously in shaping of technologies in the world and have provided a true leadership in this sphere.

About IIT Bhilai

Indian Institute of Technology Bhilai was established in the state of Chhattisgarh by Ministry of Human Resource and Development (GoI) in the year 2016. Chhattisgarh is a major rice producing state in India and is known as “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 Sejbarah area on Old Dhamtari Road in Raipur. 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 in the campus. The transit campus is about 10 Km from the main city of Raipur and is well connected through public transport to the Railway station, Airport and Raipur

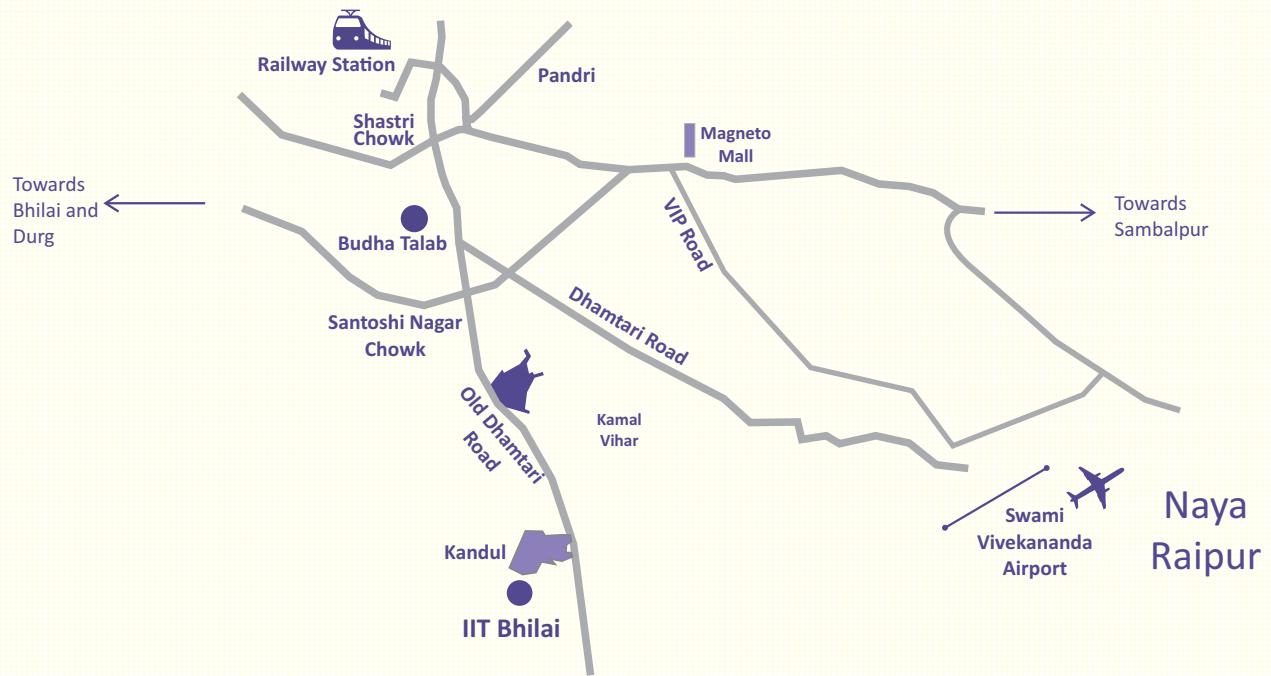


Dr. Nikhil Chander, Assistant Professor, EECS

IIT Bhilai has adopted an innovative curriculum that will groom the students for industry as well as higher academics.



Location Map of Transit Campus

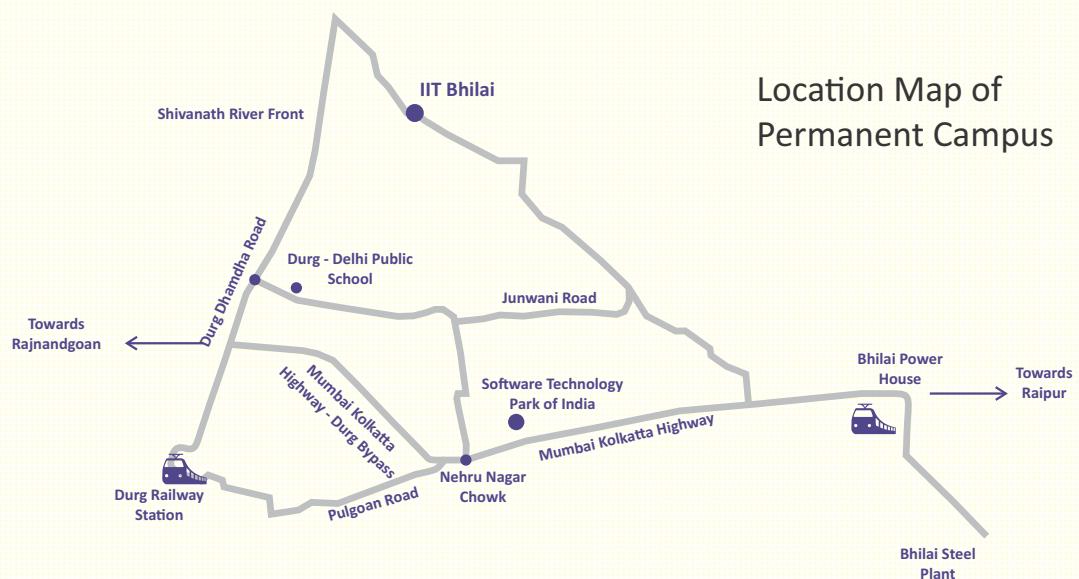


The Permanent Campus





The permanent campus of IIT Bhilai is expected to come up in coming years at Bhilai in Durg district of Chhattisgarh. This campus is adjacent to one of the largest steel plant of India – Bhilai Steel Plant, under Steel Authority of India Ltd. (SAIL). IIT Bhilai Campus is proposed to be constructed on a land area of about 445 acres at Kutelabhatha and Sirsa Khurd 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 is also planned at Naya Raipur.





IIT Bhilai Logo



The logo symbolizes the vision and 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 perceived from the state of Chhattisgarh that name means the land of thirty-six forts. The hexagon for fort symbolizes the protection and stability of the traditional excellence in education and research, a virtue that IIT Bhilai aspires for.

Faculty

IIT Bhilai, on its roster, has more than 30 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 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 researcher – in various top-ranking laboratories and institutes in India and abroad.

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 PhD programs in the disciplines of Physics, Chemistry and Mathematics. 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. The Departmental Undergraduate Committee (DUGC) and Departmental Postgraduate Committee (DPGC) of each department provide academic support and advice to the students on all academic matters.



Sharad Roy EE

Joining this new institute has its own merits and one of them is that you get to be the pioneer and start anything, a culture or a club, that will be a part of this premier institute. There are so many opportunities that you can pursue and excel at it. Entering this institute is just the beginning!



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 is well connected through Railways, Roadways and Airways to various parts of the state as well as to other major cities of the country. Raipur also provides a very rich heritage from historical and archaeological point of view.

The urban population of Raipur district as per 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 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 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 especially three seasons – summer, monsoon and winter. The temperatures remain pleasant throughout the year, except during the summer months of March till June. The temperature may rise up to 48 °C along with dry and hot winds, usually few times during April and May. The monsoon season starts from Mid-June till early October. The winter season starts 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 the hosts to several prominent educational institutes, including IIT, 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. The 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 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-up with nearby hospitals to provide medical assistance in case of emergency. A fully equipped ambulance is available all the time at the institute.



Dr. Arup Mukherjee, Assistant Professor, CY

IIT Bhilai continues its exemplary performance in all aspects of its mandate. Our accomplishments, since inception in 2016, reflect the strength of our vision, mission, and core values. Today, IIT Bhilai is positioned to become a knowledge centre for value-addition in the country.



Glimpse of Students' Activities

SPORTS ACTIVITIES

Inter-IIT Sports Meet 2016



The Inter-IIT Sports Meet is the annual sports tournament of the Indian Institutes of Technology (IITs). It is hosted around the month of December every year by one of the IITs where all IITs participate. The Inter-IIT sports meet for the year of 2016 was organized by IIT Kanpur. As a small team, students of IIT Bhilai participated in the meet with full enthusiasm. IIT Bhilai team secured 3rd place in the March-Past competition and gave their very best performance in various other events.

Inter-IIT Sports Meet 2017



The Inter-IIT Sports for the year of 2017 was held at IIT Madras. The very best of our athletes and players participated in various tournaments. Due to the sheer determination and teamwork of the students, IIT Bhilai won the Impact run league and was felicitated for the same. Impact run was a month-long event in which each and every student of IIT Bhilai had participated.



Mayank Sharma EE

My experience in IIT Bhilai has given me a chance to sharpen my skills in my field of choice. IIT Bhilai is not a college; rather, a family where your friends are like your brother and Profs are like your guardian.



Prayatna - Intra-IIT Sports League



The sports council of IIT Bhilai had organised 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 where six teams participated at various sports league. As the team members fought hard against one another over eight different sports, each team tend to gain upper hand somewhere or the other. At the closing ceremony of Prayatna, the teams and all the dedicated players were rewarded for their hard work and dedication that they have shown over the four months of gaming.

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 the 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 to viewpoints of other people and to develop consideration to 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.



Dr. Dhriti Sundar Ghosh, Assistant Professor, PH

You have landed at the right place, and this is the beginning of an exciting intellectual trip. In the next 4 years, you will be surrounded by very talented people living on this planet. So, try to extract as much as possible and develop yourself in all fields. Welcome on board!



CULTURAL ACTIVITIES

With a tight academic schedule running throughout the year, cultural events are the key space for the students to breathe some air. 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 give their active participation in cultural events organized by various other institutes.

Students of IIT Bhilai participated in Equinox: Annual Cultural and Tech fest of IIM Raipur. It was a star-studded event including Coke-Studio's performance with DJ Night, Stand-up Comedy, Fashion Show (Verve) and various gaming Competitions.



Nikita Shehra EE

Having lived for almost one year, I would say that IIT Bhilai is a very pleasant place. Campus life is great and environment is very conducive. Library, classrooms and labs are good. You will have a wide range of choice for your research and project work. Living here is a time filled with anticipation, some anxiety and wonderful experience.

IIT BHILAI - Model United Nations



The General Oratory and Literary Society (GOALS) formulated an intra-IIT Model United Nations (MUN) at IIT Bhilai that replicates the UN. MUN is an extra-curricular activity in which students typically roleplay delegates to the United Nations and simulate UN committees.

First of its conference series had a debate of NATO on the agenda of "Global Nuclear Disarmament". Students represented themselves as delegates of 43 countries and they simulated their nation's foreign policy during the debate.



Theatre Night



Students, staff and faculty members gathered together for a breathtaking evening of drama performances written, directed and performed wholly by our drama club, Drishya. One of the play depicted the life and struggle of a Sikh living in Pakistan, proving patriotism while looking for his love. Another play was in a genre of light comedy involving college students and their misguided drug indulgence resulting in magical appearances of world-famous (or infamous) personalities. The plays captivated the audience's imagination with their gripping storylines and compelling acting, all adding up to a thoroughly enjoyable experience.

Reverb - The Music Night



Swara, our music club organised a music night involving several singers, songs and instruments which created an electric atmosphere. Many students got opportunity to showcase their talents. Reverb began with amazing solo performances, followed by acoustic and duets. The spectacular event ended with a stunning rock band show by our instrumentalists.



Dr. Soumya Gangopadhyay, Associate Professor, ME

IIT Bhilai is dedicated to impart high quality education through an innovative and engaging curriculum supplemented by interdisciplinary collaboration and cutting edge research.



Xpressions- The Dance Night

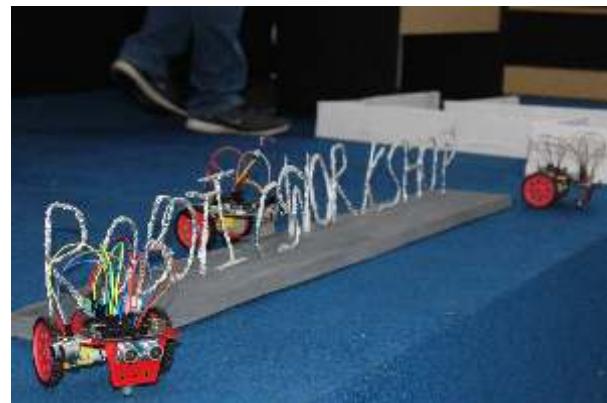


Dance is passion embodied, a realisation of being alive and being free. Xpressions was organised by the dance club of IIT Bhilai. It was a dance event under the theme "Why walk when you can dance?". The participants unleashed the free spirited dancers within themselves. The performances included a wide range of dance potpourri: Solo, Duet, Group and Faceoff between couples. From choreography to synchronous moves and costumes to props, every little details meant a lot in the dance battle. Be it a jazz dancer or a "chak-de-phatte" virtuoso, everybody put their dancing shoes to prove their aesthete. In a nutshell, Xpression helped students befriend spontaneity and dynamism in their body and mind.

TECH EVENTS

In contrary to the name refers, this is the place where students use the technology they learn during their course of study to recreate their mind. Applying technology is always a fun and the students of IIT Bhilai never miss any opportunity in applying the skills they learn in their classes.

Tech Maitry



Tech Maitry, the first technical event of IIT Bhilai, was organized by the Sci-Tech Clubs. The event had various technical events ranging from Robotics to Coding, IoT to gaming and beyond. The events at Tech Maitry catered for the interests of all, upholding the spirit of technological inquisitiveness.



Naman Choudhary EE

Memorable till now!!!!

Before joining here I was worried about academics, sports etc. But I have no regrets .. It has a totally different teaching and examination methodology compared to the past. All the seniors are very friendly. They are always ready to help.



Robo Carnival



The annual Intra-IIT robotics competition of IIT Bhilai made its debut on 15th of April, 2018. The day was filled with various showdowns between the bots fabricated by 4 teams belonging to various disciplines. The competition was organized by the Epsilon Club.

OUTDOOR TRIPS

It is always fun to go for an outing with our friends. The fun factor increases exponentially with the size of the group. In this regard, many such trips are organized to give such flavor to the students.

Visit to Permanent Campus



It is so fortunate for the initial batches of our students to see our campus evolve from the scratch. A trip to the permanent campus at Bhilai was an evergreen moment where the students witnessed the natural flora and fauna of the campus with no human life into it. This is a once in the lifetime opportunity as one witnesses the campus developing at a very fast pace. It is always a memory to relate the then-existing mega structures with the raw campus site with no human footprint.



Dr. Asrifa Sultana, Assistant Professor, MA

Give best effort to your present work, your goals in life will be accomplished automatically.



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 currently offers PhD, Mtech and Btech programs in three disciplines: Computer Science and Engineering, Electrical Engineering and Mechanical Engineering. Other than these, PhD program is offered in the disciplines of Physics, Chemistry and Mathematics. All our programs follow 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 adapted 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 fractional 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, offers flexibility, fosters modern interdisciplinary education, offers 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, photo journalism, performing arts, etc.)

Grades

Students earn grades for each course they register for specific credits. The grades are given based on 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 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 of handholding 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 may be longer) duration thesis work. At the PhD level, students are expected to carry out research at much more advanced level. The postgraduate courses offer them opportunity to indulge in applied part of their education including the development of problem formulation and problem solving techniques.



INSTITUTE ACADEMIC CALENDAR FOR 2018-19-M SEMESTER

ACADEMIC EVENTS	DATE/DURATION
Orientation For New UG & PG Students	23 July (Mon) – 26 July (Thu)
Registration	27 July (Fri) – Old UG and PG students 28 July (Sat) – New UG and PG students
Supplementary Examination	27 July (Fri) – 28 July (Sat)
Late Registration with Fine	Upto 30 July Fine Rs.1000. Allowed till 1st Aug with a fine of Rs.1000 per day thereof.
PhD Candidacy Exam	01 Aug (Wed) – 02 Aug (Thu)
Start of Fractal Segment 1X	30 July (Mon)
End of Fractal Segment X1	14 Aug (Tue)
Start of Fractal Segment 2X	16 Aug (Thu)
End of Fractal Segment X2	03 Sep (Mon)
First Tierce Examination	04 Sep (Tue) – 06 Sep (Thu)
Start of Fractal Segment 3X	07 Sep (Fri)
End of Fractal Segment X3	26 Sep (Wed)
Start of Fractal Segment 4X	27 Sep (Thu)
End of Fractal Segment X4	12 Oct (Fri)
Mid Semester Break	13 Oct (Sat) – 21 Oct (Sun)
Second Tierce Examination	22 Oct (Mon) – 24 Oct (Wed)
Start of Fractal Segment 5X	25 Oct (Thu)
End of Fractal Segment X5	12 Nov (Mon)
Academic Pre-registration	13 Nov – 14 Nov (Wed)
Start of Fractal Segment 6X	13 Nov (Tue)
End of Fractal Segment X6	29 Nov (Thu)
Research Seminar	19 Nov (Mon) – 21 Nov (Wed)
Third Tierce Examination	30 Nov (Fri) – 3 Dec (Mon)
Vacation	4 Dec (Tue) – 26 Dec (Wed)



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 to students' use. Entire campus of IIT Bhilai is Wi-Fi enabled and students can use the network seamlessly across various facilities.

DIGITAL FABRICATION LAB



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

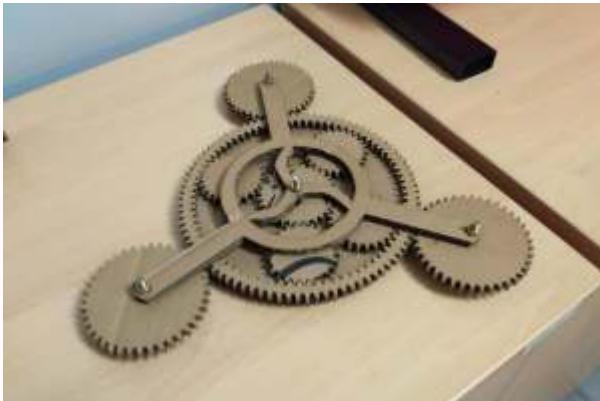


Shivani Tripathi CS

Even though it is a new institute, there have been and there will continue to be many opportunities to learn new ways of improving skills as we have many functional techy clubs and cultural clubs. A small group with few students gives advantage to prominently showcase ourselves in all the fields.



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 table-top 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 DIY lab.

AUTOMATION SYSTEMS LAB



Automation systems lab provides training for the students to do automation based on sensors, motors, different type of switches, relays, etc. The lab also houses various industrial robots to make students learn robotics.

Central Library

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



Pallavi Lokhare CS

So far, it has been a great pleasure to be part of such an esteemed institute. Being in a new institute we get many opportunities in every field. Recently we had our intra-IIT sports league, Prayatna which gave us chance to explore our sporting skills. We are looking forward for more exciting journey at IIT Bhilai in coming years.



FPGAs are digital circuits that can be programmed or configured by users to cater 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 the 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.



Dr. Rishi Ranjan Singh, Assistant Professor, EECS

Welcome to the beginning of a new phase of your life at IIT Bhilai which will play a pivotal role in shaping your future. Have a great time in this institute and with your achievements, I wish, IIT Bhilai shall reach great heights of success.

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. The 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.



CHEMISTRY LAB



The chemistry lab is equipped with all the necessary infrastructure to conduct experiments on inorganic and organic synthesis, analytical methods and physico-chemical measurements. The experiments are selected in such a way that the students get motivated to explore the science in chemistry further. The lab aims at nurturing a creative environment for both teaching and research to instil excellent working relationships with undergraduate and graduate students.

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 various modern electronics. This is the place where students perform real-time experiments on the topics which they learned so far. The lab is dynamic and keeps updating with new experiments to remain relevant with the changing times.

SPORTS FACILITIES AT IIT BHILAI

Sports teach key values such as teamwork, respect, passion, hard work, etc. These attributes help towards 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 to our students.

IIT Bhilai has several grounds and courts, where students practice the 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. Prayatna, an intra-IIT sports league of IIT Bhilai is held every year which brings most of the student community into the art of sporting.



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 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 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 in improving campus life of the students while nurturing their skills in various fields of their interest. The various councils have been formed like President's Council, Sports and Games Council, Cultural Council, Student Senate and Science and Technology Council for 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 - **Mohammed Sameer**

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 endeavour to help the students to cope up with academic stress and to create an enjoyable ambience for them. The club involves in various activities including designing of college T-shirts, hoodie, posters and certificates for institute events. This club organizes several creative events throughout the year.

Dance club (BeatHackers) : Coordinator - **Rushabh Dhabe**

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

Drama club (Drishya) : Coordinator - **Rishabh Jain**

"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. So all those who believes that – yes there is an actor inside me, then do come and become a part of Drishya family.

General Oratory and Literary Society(GOALS) : Coordinators - **Ankit Yadav, Gaurav Verma, Aditya Rajesh**

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 then 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.



Music club (Swara) : Coordinator - **Ashitabh Misra**

In our daily pursuit to achieve professional excellence we often neglect certain aspects of life and music is one of them. It is our constant endeavour to spread awareness and induce a diverse music culture around us, encouraging students to take up instruments and giving opportunities to perform in front of a crowd. In our first year as a club we have performed at IIM Raipur Fest- Armageddon and Open Mic event at IIT Hyderabad. We aspire to grow big in the upcoming years with more fresh minds into the club.

News and Media club (Inside) : Coordinator - **Aniket Raj**

“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 towards 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 - **Amit Kumar**

The Pixel Snappers seeks to display our love of photography through the constructive criticism of our peers, leisure activities that involve photography, and the promotion of photography in and around the IIT Bhilai campus. The Pixel Snappers captures all the amazing, beautiful and candid moments of every event organised inside the IIT Bhilai campus. Members of the club participated in the Photowalk 3.0 organised by IIM Raipur and won first prize worth of ₹ 5000.

Electromos club : Coordinator - **Harshit Bansal**

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 realise their conceptual designs and ideas to working real-life machines. The club also organises many activities like competitions, seminars, demonstrations and exhibitions.

Codificaso Club : Coordinator - **Ruskin Manku**

The Codificaso club seeks to develop the student’s minds and capabilities in the massive and overgrowing field of competitive coding and software development. We help students to develop coding skills with the help of programming languages and provide opportunities to show their potential through project oriented events. To create competitive environment, we give problem sets on weekly basis to solve. The students are free to approach core members for doubts/advice regarding any problem.



Epsilon Club : Coordinator - **Divya Biswas**

With the motto of “IMAGINE, INVENT, INSPIRE”, the club came into establishment in April 2017. Our esteemed 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 the students’ ideas on Robotics into reality. The club provides all the necessary assistance for the same along with several other activities.

The Space Exploration Society (SES) : Coordinator - **Naman Pujari**

The newest society of IIT Bhilai, 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 new society, we prepared an introductory newsletter named Stellar as a part of the launch which will be continued further. The initial activities are planned to be in the form of presentations and guest lectures related to astrophysics. We are in the process of purchasing telescopes and the observational activities will begin next semester, which will be very fun. The aerospace part is under planning and will start functioning a while later as compared to the other 2 segments. The society will be happy to support the interests and projects of the students in this field.

IMPORTANT INFORMATION FOR THE FIRST YEAR STUDENTS

The following guidelines will be useful for the first year students of IIT Bhilai joining in the 2018-19-M semester to comfortably adjust to the campus environment. Students can bring with them the items mentioned here as per their priority.

When to report

IIT Bhilai organizes 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, 2018 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 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 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.



- For students seeking admission to BTech 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 MTech program and PhD programs, other documentary details shall be needed including GATE score cards, 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 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 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 Raipur but requires 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.
- The winter clothes are required as per suitability for Raipur's weather.
- The 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 out 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.



Ishaan Shrivastava ME

My journey through here was simply amazing. Exploring new concepts and skills, with new people has taken my experience to a whole new level. Glad to be a part of this institute.



INFORMATION FOR THE UNDERGRADUATE STUDENTS

The undergraduate B.Tech. degree program at IIT Bhilai is 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. Unlike schools, most of our courses have some components of mini-project, tougher assignments, surprise quizzes, etc. Such curriculum requires sincerity, effective time management, independent decision making, and discussions with students and instructors. Since, the undergraduate students enter into college life at this stage, they may find themselves completely independent persons for taking independent decisions in technical as well as personal life. During schooling, students are often guided and supported by the teachers and parents for their decision making in many activities. However, during their stay at IIT Bhilai, they will be given complete independence and freedom in reshaping their technical skills and personal traits. Therefore, we believe they will enjoy their freedom in innovative thinking beyond the boundaries and produce solution to several technical problems of our country and the world.

In order to support yourself to take this transition step as a natural transition, you should keep a few things in mind, namely how to organize your day, 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 be undermined which 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.

HOW TO REACH THE IIT BHILAI

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 to 16 kms 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.



HOTELS IN RAIPUR

There are several hotels available within the city for accommodation. Our staff has done 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 (in 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 a holistic development of its students. While for many of you, it may be a first time that your ward is away from home and is going to live in a hostel where the comfort levels may not be at par with the ones available at home, it is our endeavour to make it as comfortable as possible.

As you may appreciate, individual attention at all level 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 also 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 the solutions. As a future leader of the professional world, such knowledge will come handy with 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 well-sheltered life to the life of independent thinking and decision making. Your help in making this transition as smooth as possible will be extremely supportive for their endeavors.

Feel free to have contact with us over email or over 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 2018: SCHEDULE

IIT Bhilai has arranged a welcome/reception counter at Raipur railway station from 6:00 a.m. of 22nd July until 8:00 a.m. of 23rd June. The student mentors (senior students) will be available at the reception counter for any help. The orientation program is for 5 days and the schedule of the program is as follows:

Time	Events	Venue
Day 1 - 23rd July		
07:30 - 09:30	Reporting, breakfast, hostel room allocation and student mentors' meet	Castle Dio
10:00 - 10:30	Inauguration session	GEC auditorium
10:30 - 16:30	Registration/ ID card/ Sim card/ Bank account opening/ Education loan/ Lunch / Essential shopping	Academic block and Castle Dio
16:30 - 18:00	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 - 11:30	Interaction with departmental faculty members	In respective rooms
11:30 - 13:00	Lab visit	Academic block
13:00 - 14:00	Lunch	Mess
14:00 - 14:30	Assemble	Academic block
14:30 - 15:30	Team building activities	Academic block, 207
16:00 - 17:00	Guest lecture	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	NSS (Plantation)	Around academic block
11:30-13:00	Guest lecture	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
11:00-12:00	Branch-wise interaction (with students)	Academic block
12:00-13:00	Lunch	Mess
13:00 onwards	City tour	Shall start from Academic block



Aniket Raj CS

Being a part of a small budding community, one gets to know almost everyone here. It gives a plethora of opportunities to every student who, otherwise, might have been lost in crowd.



TRANSPORT FACILITY FOR ORIENTATION PROGRAM

IIT Bhilai shall run buses from Raipur city to IIT Bhilai transit campus in the morning of 23rd July, 2018 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, 2018 from IIT Bhilai campus to Raipur city. It is advised to report 10 minutes prior 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	07:15
Raipur Bus Stand	Shyam Plaza, Pandri, Raipur	NA	07:00	07:00	07:15	07:30
Raipur Telibandha	Jai Jawan Petrol Pump, Raipur	NA	07:15	07:15	07:30	08:00
IIT Bhilai	Castle Dio	07:30	07:45	07:45	08:00	08:15
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



Ethalapaka Suryateja CS

IIT Bhilai has taught me a lot of things right from the first semester. One of the most interesting things here is Digital Fabrication Course. I came to know about how these advanced and sophisticated 3d Printers work. Also, I learnt guitar from 'Swara', our music club. I love the gym facility here. My skill set expanded a lot.



FACULTY MEMBERS AT IIT BHILAI (AS IN JULY 2018)

Department of Chemistry	
Dr. Arup Mukherjee	Dr. Sanjib Banerjee
Dr. Satyajit Gupta	
Department of Electrical Engineering and Computer Science	
Dr. Amit Kumar Dhar	Dr. Arzad Alam Kherani
Dr. Barun Gorain	Dr. Dhiman Saha
Dr. Nikhil Chander	Prof. Rajat Moona
Dr. Rhythm Singh	Dr. Rishi Ranjan Singh
Dr. Santosh Biswas	Dr. Sk. Subidh Ali
Dr. Souradyuti Paul	Dr. Sreejith T. V.
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