

Department of Mechanical Engineering

Department of Mechanical Engineering has an initial intake of 60 students. It has a well established Mechanical labs including workshop which gives practical exposure to our students.

We conduct Industrial Trips and training for students from various industries in C.G. and M.P. We also conduct from time- to- time expert guest lectures, seminars, paper presentation etc.

Our Lab is well furnished to conduct Practicals in

- Engineering Mechanics
- Workshop
- Fluid Mechanics
- Computer Programming Lab
- Material Testing lab.



Department of Computer Science and Engineering

Department of Computer Science and Engineering was Started in 2007. In the present Scenario of developing technology majority of students wish to become computer technocrats. With this we have intake of 60 students in this branch. We wish to train the students in all genres of Computer Science Engineering Like Computer Networks, Software Engineering Data Base, Architecture, Numerical Analysis, Multimedia, Graphics and other technologies too. Our syllabus is designed as per the norms of CSVTU Bhilai.

The department is equipped with the latest software and hardware technologies with all modern instruments with the motive of providing fine practical knowledge to the students. To synchronize our students with the fast moving world, all the computer systems in Laboratory are provided with 2 Mbps speed connection. In addition to it the whole campus is Wi-Fi enabled to facilitate the students.

The engineering programme comprises of theoretical as well as practical knowledge. In each semester students have six theory subjects and four practicals. With these features and our highly educated and experienced faculty we empower our students to become professional software technocrats.



Department of Information and Technology

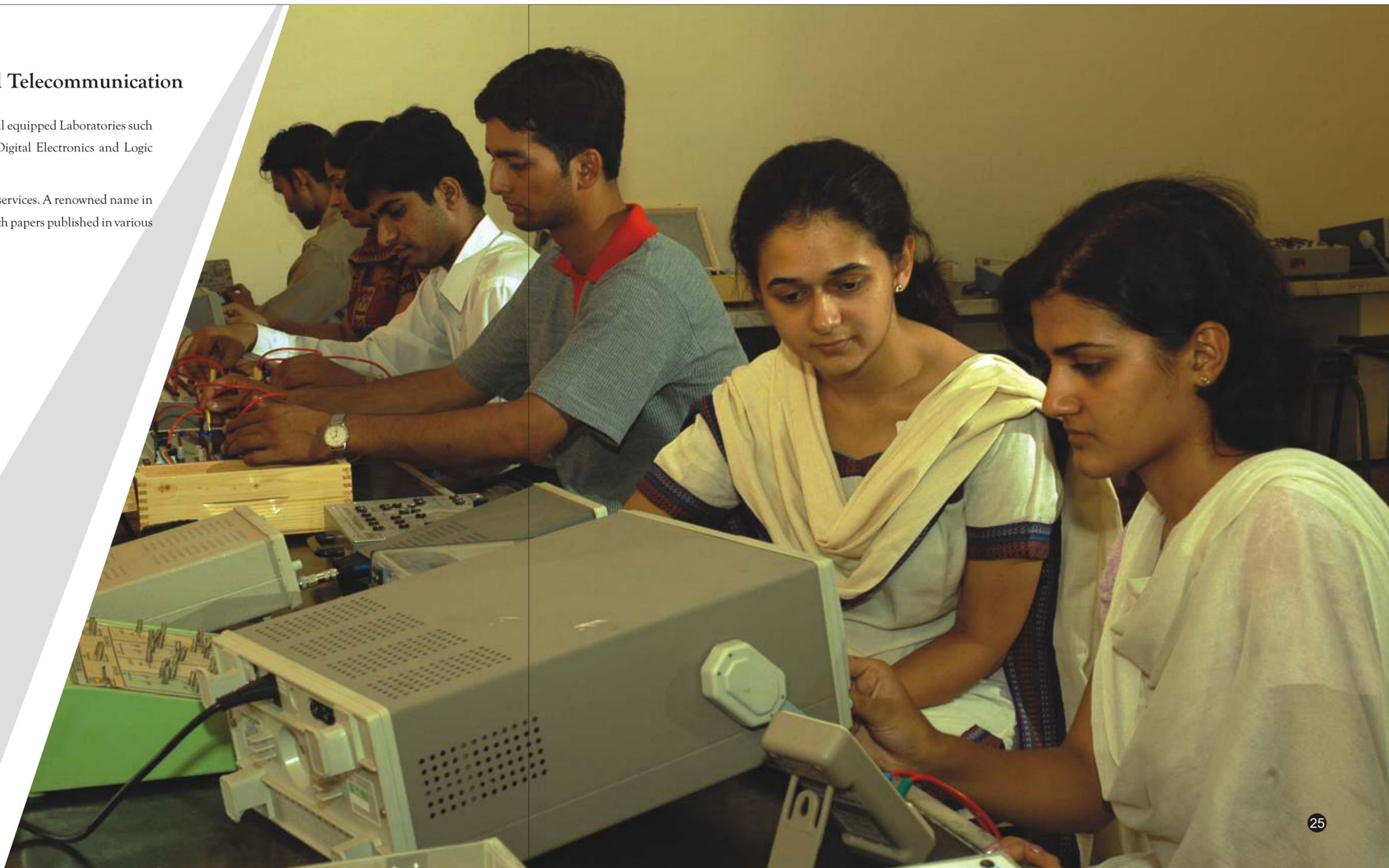
It has an intake of 60 students. We wish to furnish our students with the latest developments around the world in the field of information and technology, which will further enhance their growth as successful technologists in their arena. They are also supplemented with the practical aspects of their Knowledge for using modern systems.



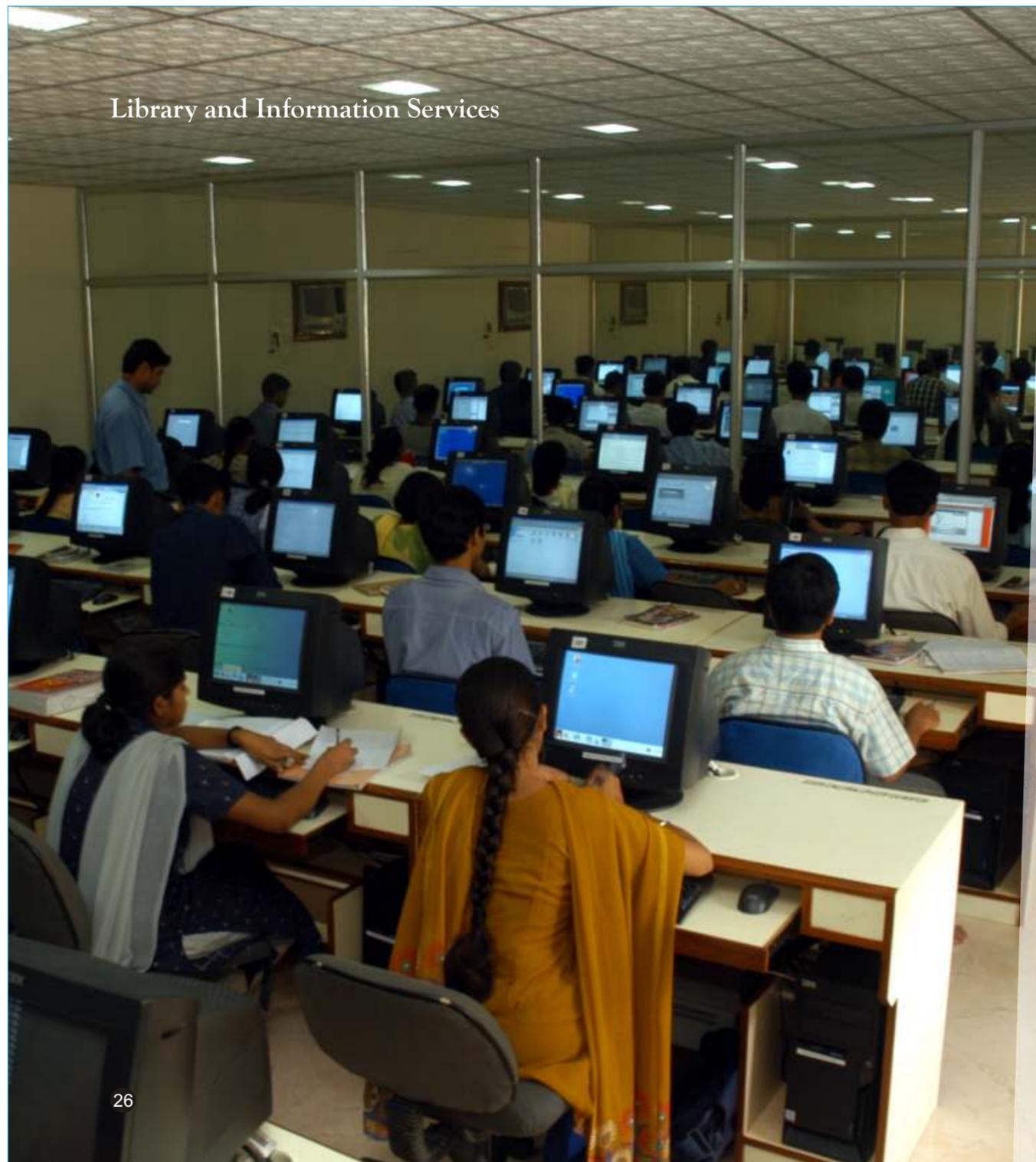
Department of Electronics and Telecommunication

It has an intake of 60 Students. Department has well equipped Laboratories such as Basic Electronics Lab, Electronics Workshop, Digital Electronics and Logic Design lab and Network Analysis and Synthesis Lab.

Prof. Monisha Sharma has also been rendering her services. A renowned name in the field of Electronics had a good number of research papers published in various national and international Journals to her credit.



Library and Information Services



Library is the most important element of the infra-structural facility of any institute. It is the main source of the teaching-learning materials which should be accessible and easily available to the entire student at all the time.

We at SSEC, are having a very rich library containing all text books, reference books, periodicals journals, news-papers etc. Apart from the print materials, CD's, floppies, audio video cassettes and all other electronic media material is made available to the students and faculty to help them up-date their know-how.

All the operations and services in the central library are fully computerized, with utilization of OPAC software. Catalogue of holdings, availability of books and all other information is accessible online on the campus network.

The library has a seating capacity of 150 students at a time and remains open up to 8.00 PM and also on holidays and Sundays, for the benefits of the students and faculties. At present we have more than 8000 books, 30 journals, 16 periodicals and 05 news papers (daily/weekly).

The library is divided in to following sections, each having ample space, furniture and staff to manage the show effectively-

1. Text-book section.
2. Reference book section.
3. Issue/return section.
4. News-paper.
5. Reading room.
6. Internet/electronic media section.

Computer Centre

A well equipped computer center has been setup in the college having all the modern tools required for all round development of the students. The computer centre is furnished with 63 terminals with P-IV processor connected to LAN. The internet facility is also available for the students to keep them abreast of the modern world and mend them for competition in the industry. Currently it is having UNIX, WINDOWS and DOS operating system and variety of application software and compilers at its services.

Code of Conduct

The Principal / Director of the college reserves the right to remove from the rolls the name of any students to be punished otherwise for the following:

- Failure to pay college or hostel fee in time.
- Failure to execute an agreement by the parent/guardian of the student within 15 days of the date of admission.
- Failure to come to prescribed standard.
- Unsatisfactory conduct or behavior.
- Participation in political/unsocial demonstration.
- Being involved or having been involved in the past in a criminal case or moral turpitude.
- Consuming or found in possession of narcotic drugs/liquor.
- Indulging in any activity derogatory to the college.

Attendance

- Students are required to attend not less than 85% of lectures in each subject and practical separately.
- A student who fails twice in the same university examination will not be readmitted to the college on a regular basis.
- Leave, other than vacation will not ordinarily be granted to the students during the college session. Parents and guardians are requested not to encourage their wards to take leave from the college. Any kind is admissible only with prior written permission of the Principal/ Director.

General

- Every student must, provide himself with a complete set of drawing instruments, engineering calculators, steel woven tape, text books for this use, at his/her cost on joining the college.
- Every student, before his admission to the college must satisfy the Principal that he has sufficient means to bear expenses during the full year course of his studies.
- The admission is given for a four year course, the candidate will not be given a no objection certificate for seeking transfer to any other engineering education college.
- After all the seats are filled in, no application for admission shall be entertained on any ground.

Dress Code

The college does not state any dress code but has an expectation that the students will come properly dressed to campus, Shri Shankaracharya Engineering College is a sacred place for pursuing studies & not grounds for fashion show. A combination of black trousers & white shirt is strictly prohibited for freshers because by wearing this they declare themselves to be new comers & thus subject themselves to any kind of teasing by outsiders. To avoid this college prohibits this combination.



Anti Ragging Measures

Broadly speaking Ragging is any disorderly conduct whether by words spoken, written or by act which has the effect of teasing, treating or by handling with rudeness of any other student indulging in rowdy or indisciplined activities which cause or is likely to cause annoyance, hardship or psychological harm or to raise fear or apprehension thereof in a fresher or a junior student or asking the students to do any act or perform something, which such student will not do in the ordinary course and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the physique or psyche of a fresher or a junior student.

As per the orders of the Honorable Supreme court of India ragging is totally banned in Shri Shankaracharya Engineering College, Junawani, Bhilai. The Management considers ragging a grossly uncivilized and heinous act in a civilized and cultured society. The management is against all acts of ragging aimed at teasing, harassing and causing psychological fear in the minds of the new students. This has been amply elaborated in articles 32 & 42 of the Constitution of India. We have evolved a full proof system to detect incidents of ragging not only in class rooms, hostel premises of the college but also in almost all areas of the township, Raipur etc, where the juniors stay and travel to and fro. We have made it a part of our unending duty to control the menace of ragging and award stringent punishments like expulsion from the college besides filing FIR with the police against the offending students.

Any one indulging in ragging is likely to be punished appropriately which punishment may include expulsion from the institution, suspension from the institution or classes for a limited period or fine with a public apology. The punishment may also take the shape of (i) withholding scholarship or other benefits. (ii) debarring from representation in events. (iii) withholding results (iv) Suspension or expulsion from hostel or mess, and the like.

If the individuals committing or abetting ragging are not identified, collective punishment could be resorted to act as a deterrent punishment and to ensure collective pressure on the potential raggers.

To stop this activity the college has constituted a number of committees including flying squads to curb the menace of ragging. Parents/guardians of the new students sign undertakings that they are fully aware of the consequences of ragging and that they will advise their wards to keep themselves away from such acts at all times.

Accommodation

The institute recognized that a major concern to all students is the availability and quality of accommodations, and is arranged through the students Accommodation Services headed by the Office -Administration.

Presently, separate hostels for boys and girls are available in the immediate vicinity of the institution which help students in accessing late-night library and computing facilities. Each room is furnished with cots, study tables and storage racks.

The hall of residence provides the following facilities:

- Dining Hall • TV and Reading Hall • Round-the-clock security • Vehicle Parking • Telephone
- Presently college offers accommodation for 100 boys and 80 girls.

Rules for Girls Hostel

1. Director reserves the right to cancel or retain the admission or any students at any time without assigning any reasons.
2. Physical Presence of parent or guardian of the applicant is essential at the time of admission.
3. Once admitted to the hostel the students shall not be permitted to stay with any local family.
4. The hosteller must return till 07.00 p.m. and must not leave the hostel before 06.00 a.m.
5. If entries made in entry register do not match with the actual place visited by hosteller, strict action will be taken.
6. The father or guardian shall provide the names, address & specimen of the person (Max. Two) as local guardian for their wards. Hosteller's behaviors shall confirm to the dignity and responsibility of the engineering profession.
7. Hosteller must be responsible for losses and damage to hostel property due to her actions.
8. Electrical appliances such as heaters, iron, etc. are strictly prohibited.

Rules for Boys Hostel

1. Every hostel inmate has to pay the room rent for the whole session even if he leaves the hostel in the middle of the session.
2. A security deposit of Rs.1000/- will be charged at the time of admission to the hostel.
3. On checking if any student is found absent without giving intimation to the Warden, disciplinary action will be taken against him.
4. For any act of indiscipline or involvement in any undesirable activity the concerned student shall be liable for immediate expulsion form the hostel.
5. On all matters the ruling of the Director and Warden will be final and binding.
6. Hosteller will be responsible for any losses and damages to hostel property due to his action.
7. Electrical appliances such as heaters, iron , etc. are strictly prohibited.

Hostel Admission

1. Application for admission to hostel should be made in the prescribed form attached to the application form with an undertaking to abide by the hostel rules.
2. Admission to the hostel is subject to admission to the institution and availability of accommodation.
3. Admission to the hostel is made for one academic session only. For re- admission, a fresh application must be made at the end of each academic session.
4. Limited accommodation is available in the hostel and admission to hostel shall be on the basis of merit.

Hostel Charges Yearly (Including lodging and boarding) Rs. 30000/-

Hostel Caution Money Rs. 1000/-



Extra Curricular Activities

GAMES & SPORTS FACILITY

Education has always had two objectives. On the one hand, to give skill and on the other hand, to impart vaguer thing which we may call wisdom. Although scientific skill is necessary, it is by no means sufficient. So SSEC not only emphasizes on technical education but also tries to develop inclination of the students towards the physical development and sportsmanship. A wide range of facilities are available for physical activities in the form of indoor/outdoor games. There is an extensive ready ground for all games and sports. These activities, particularly the athletics, games and sports are, more or less, an integral part of the curriculum. The University itself takes the lead to organize them every year under the banner of "Swami Vivekanand Youth Festival". The college too, on its part, organizes Annual Sports in the college. It encourages students to actively participate in inter-collegiate and National level sports.

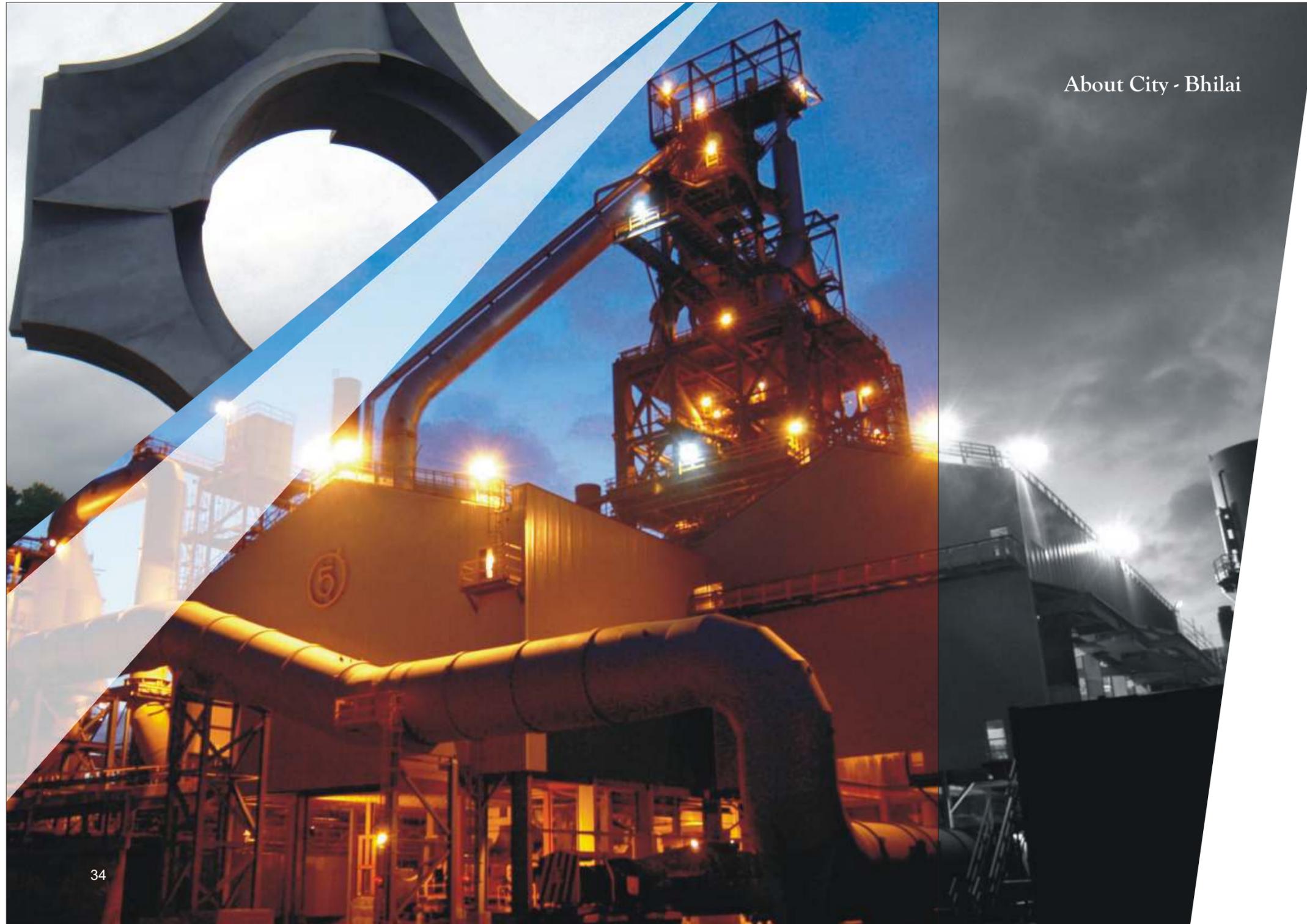
Sports will help students to acquire some important virtues, provided they cultivate them carefully. They aid the students to learn team spirit, endurance and sustained effort. They also teach them to take success or failure with equanimity. It is said 'where there is sound body, there is a sound mind'. This is true as physical health brings enthusiasm, vigor and vitality which are important ingredients to keep the mind in sound condition.



Recreation & College Functions

A wide range of facilities for recreation and creative activities are made available to the students in the form of music-club, photography-club etc. The college also promotes participation in the college functions to make them develop their interest and skills in extra-curricular activities. Two functions which the college celebrates with great enthusiasm and zeal are the Annual Day and the Foundation Day. The students are promoted to come forward with innovative ideas, under the expert guidance of faculty and the management, to exploit their potential. The students are made to acquire team spirit and a sense of responsibility. The students had also brought laurels by winning a runner up position in the Chhattisgarh youth festival organized by Chhattisgarh government. The students had also taken part with full enthusiasm in the annual function "Srijan 2009" and had come up with innovative ideas under the able guidance of the staff. In future also we look forward to keep organizing events to give a good platform for enhancing their extracurricular activities.

We also encourage the students to take active part in college Anniversary functions, cultural, religious and social events like organizing blood donation camps in the college premises in association with Red Cross Society.



About City - Bhilai

Bhilai Steel Plant is the biggest steel plant in Asia and has its own captive mines spread over 10929.80 acres. BSP gets iron ore from Rajhara group of mines which is situated 85 Kms south-west of Bhilai. Limestone requirements are met by Nandini Mines which is situated 20 Kms north of Bhilai and dolomite comes from Hirri in Bilaspur District, 135 Kms east of the plant.

The plant consists of nine Coke Oven Batteries. Eight of them are 4.4 meters tall and the ninth which is 7 meter tall is fully automated and one of the most modern to be found in Asia. Seven blast Furnaces adorn the skyline of BSP. Most of them have been modernized incorporating state-of-the-art technology. Steel is made through open hearth furnaces as well as through LD converters. BSP has three 130 T converters, of which two run continuously. A new feature of this shop has been the introduction of Vacuum Arc Degassing Unit (VAD) for production of high quality steel, Laity steel. A very recent addition towards further enhancing the quality of steel is the installation of "RH-DEGASSER UNIT" in Converter Shop.

The main products are Rails, Structural's (Beams, Channels, Angles and Crossing Sleepers), Wire Rods and Plates. Bhilai is the principal exporter of steel in India.

Apart from making steel for the nation it also caters to the need of medical aid for the people of Chhattisgarh through its Jawaharlal Nehru Hospital and Research Center. This is a huge hospital with all the necessary facilities to cater to the needs of the region. Bhilai has the biggest cancer Hospital of Chhattisgarh state.

Pundit Jawaharlal Nehru aptly declared once Bhilai as a "TEMPLE OF MODERN INDIA".

The well-knit Network:

Bhilai falls under district Durg and the Head Quarter is 3km from Bhilai. Local conveyance as six seaters auto rickshaws, rental cars etc is available.

Trains: Bhilai is well connected by rail, Durg being a main junction which falls in the main Mumbai-Howrah route i.e. e. South Eastern Central Railways. Raipur the capital of Chhattisgarh state is 36 km from Durg. All major trains pass through Durg Junction. One can reach all the state capitals of India directly from Durg junction.

Buses: Bhilai is easily accessible by road and NH-6 passes through Bhilai. All state and private transport busses have haltag in Durg.

Air: Raipur (Manna) is the main airport which is at a distance of 44km from Bhilai. All major domestic airline offices are located in Raipur.