

From the Director's Desk



Dear Students

It gives me immense pleasure in welcoming you all on behalf of the entire campus family of National Institute of Technology Raipur. The Institute has a standing of more than five decades and has contributed to the nation by producing talented technocrats. Our institute with intake of 1086 students is one of the largest amongst all the NITs.

This is the era of global market and tough competition. To be visible in the crowd, one has to have an additional potential apart from the mandatory technical qualification. This calibre has to be developed over the period of time spent in the campus before graduating and leaving the Institute. There is no substitute to hard work and no short cut to success, for which, it will be our endeavour to groom all the students as all-rounders becoming worthy to take challenges of life squarely and turn out as good citizens of the country. I am sure students will get here ample opportunity for self-development. Moreover, there is a need to maintain proper balance between an individual's professional achievements with moral values, which would enable to become a successful human being. So look within and discover your potential. Physical fitness, confidence, consistent striving and time management will definitely take you on the path of success.

During the last couple of years, we have put in our all efforts to bring the Institute in the present shape. However, we will be making serious efforts in coming future to upgrade the existing facilities in campus placement, academics, innovative research and co-curricular activities. We believe that each successive batch is doing better than its preceding batch.

I wish you good luck and success in time ahead.

Dr. A M Rawani
Director
N.I.T. Raipur

Historical Prospective of The Institute

Till 1956, there were only three technical education institutes in the country offering courses in the fields of Mining and Metallurgical Engineering. Keeping in view of this fact and with an aim to harness the mineral resources of the region, the Government College of Mining and Metallurgical Engineering was set-up on 1st May 1956. The first President of India, Honorable Dr. Rajendra Prasad laid the foundation stone of the college building on 14th September 1956. The college was inaugurated on 14th March 1963 by India's first Prime Minister Pt. Jawaharlal Nehru. The first session of the college commenced on 1st July 1956 with the admission of 30 students in Mining and Metallurgical Engineering each. In 1958, additional courses in Civil, Mechanical and Electrical Engineering were incorporated and the college

came to be known as Government College of Engineering and Technology.

Later graduate courses in Chemical Engineering (1965), Architecture (1984), Electronics-and Telecommunications (1985), Information Technology (2000), Computer Science and Engineering (2000),

Biotechnology (2003) and Biomedical Engineering (2003) were introduced.



The college was accorded status of National Institute of Technology (an Institution of National Importance) on 1st December, 2005 in its golden jubilee year. The institute offers under graduate Degree courses in Civil Engineering, Mechanical Engineering, Electrical Engineering, Mining Engineering, Chemical Engineering, Metallurgical Engineering, Electronics & Telecommunication Engineering, Information Technology, Computer Science & Engineering, Bio Technology, Bio Medical Engineering and Architecture. The Institute also offer two years M. Tech. program in Civil Engineering, Mechanical Engineering, Chemical Engineering and Electrical Engineering. M. Tech. in Applied Geology and three year post graduate course leading to the Degree of Master of Computer Applications are also



offered by this Institute.

After having the status of NIT, the Institute has shifted its emphasis from undergraduate teaching to undergraduate as well as postgraduate teaching and research. PhD program is also offered in almost all disciplines. After receiving the deemed university status in 2007, the Institute has promulgated its own ordinance, rules and regulations for undergraduate, postgraduate and PhD programs. At present, more than 300 PhD scholars are pursuing their research work in the Institute.

The revision of curricula in all the branches have been done to include the latest content in science, engineering and technology after considering the inputs from various stakeholders, mainly the concerned industries, research laboratories and leading academic institutions in country. This Institute is the largest amongst all the NITs for running a number of undergraduate programs and in its student intake. The modernization and upgradation of infrastructure and facilities is ongoing. Every year substantial budget is being allocated for modernization of laboratories and research facilities.

The results are visible in terms of growing numbers of research publications from the students and faculty members. The numbers of journals (online and print) have been increased to provide the latest update in various cutting edge research avenues. The Institute has recently constructed 800 seat capacity boys and 150 seat capacity girls hostel. A new campus is planned to be developed in 225 acres near Rakhi Bharenga about 25 kms away from present campus. The finalization of the blue print for the construction of new campus has been done and an MoU has been signed with CPWD to prepare

Amenities & Facilities

Hostels

The Institute has seven boys and three girls hostels in the campus including a 800-seater new boys hostel. Each hostel is self-contained with amenities such as common room and a dining hall with mess. All the hostel rooms are adequately furnished. Each old hostel has a capacity to house about 100 students. The administrative head of each hostel, the warden, is a senior faculty member. One caretaker/matron for each hostel is posted to manage the day-to-day affairs of the hostel. Each hostel has different students' working committees viz mess, discipline and cleanliness committee. A central hostel administrative section coordinates the matters related to the Institute hostels. Three hostel blocks of 100 seats each are reserved for the boys from the first semester students. The seats are allotted to the students on the basis of their merit and distance of home town. The hostel administration compiles the applications for hostel admission and after due verification, the selection list is declared subsequently.



Dispensary

The dispensary in the campus is located near new faculty quarters. Dr. Sanjeev Pandey is the senior medical officer. The hostel warden, chief warden, medical officer or Dean (Students' Welfare) may be contacted in case of any medical emergency. Dr. Sanjeev Pandey may be contacted at 0771-2253345 (D) 0771-2242696 (R) and 9827111152 (M). The contact details of other doctors are: Dr. Sameer sonkar (9993932256), Dr. (Mrs.) Nalini Rajimwale, Homeopathy Specialist (9425522968), Dr. (Mrs.) Shubha. B. Koshley, MBBS, DOMS (9993932256). Ambulance facility is also available.



Amenities & Facilities

Central Library

The Central Library is situated in the main building. It has a good collection of text books and reference books (more than 1 lakh) in general library section and book bank section. The central library has subscribed to 50 numbers of print journals, 31 numbers of magazines and 16 numbers of national and state level newspapers. It has rich collection on e-resources which include nearly 1,50,000 e-books, subscription to 16 online databases having nearly 6700 full text e-journals and 690 online journal archives (back files of journals) related to all branches. The library automation program through LibSys7- a library management software, is in progress. The Web OPAC can be accessed from anywhere to know about the collections of the library. Fully wifi enabled and air conditioned reading room with 74 seating capacity and digital library services remains open from 9 am to 8 pm on weekdays and Saturdays. It caters to the information and document need of nearly 5000 users consisting of faculty members, staff, B.Tech. / M.Tech. / MCA students and research scholars satisfactorily. The details of central library can be accessed at: <http://www.nitr.ac.in/dept-cl.php?dept=About%20us>.



Amenities & Facilities

Central Computing Centre (CCC)

The Central Computer Centre (CCC) within the NIT Raipur Campus aims at providing up-to-date professional Information and Communication Technology Services. It impart the high-end-ICT education in addition to managing and administrating Campus-wide Network, Computational Infrastructures of the Institute. The working time of CCC is from 10 am to 8 pm .

Gymnasium

A gymnasium is housed in sports department of the institute.

Girls Common Room

A new “Girls Common Rooms” has been instituted in the I-floor of the Architecture Department Building. It is equipped with all amenities for girls.

Play Ground

The Institute had reserved 80,000 sq. meters area for sports viz, cricket, hockey, football, volleyball, tennis etc, where the students can test their physical stamina and satisfy the Olympian Sprit.

Canteen

The canteen is located near main building for the students, faculty members and staff.

Amul Parlor

There is an Amul Parlors near main ground where the milk products are available. There is a stationery shop with photocopy facility inside the campus.

State Bank Of India

A branch of State Bank of India with ATM is functioning in the campus. The ATM is located adjacent to the Architecture Department building. SBI offers e-collection facility for students where they can deposit their fees online.

Amenities & Facilities

B-Mart

“B-Mart” is a new supermarket within the NIT Raipur Campus. Stationery and other daily needs for the students and employees are available at affordable price.



Coffee Day Beverage

The facility of “Coffee Day Beverage” exists within the NIT Raipur Campus. It caters to the daily requirements of beverages to students and employees.



Amenities & Facilities

Juice Centre

Provision of “Juice Corner” exists within NIT Raipur Campus. This facility aims is providing healthy and fresh fruit juice to the students and employees at affordable price.



Estate Office

Maintenance of the campus is done by Estate Office with its civil and electrical wings.

Police Station

Saraswati Nagar Police Station is situated near NIT Campus.

Railway Station

The Saraswati nagar railway station has stoppage for all the local and major passenger trains.

Students' Forum

There are different clubs and committees in the Institute for extra-curricular activities. It provides ample opportunities for the students to develop their skills in field of their interest. The activities of these groups are briefly introduced here.

Cultural Committee

The cultural committee of the Institute consist a group of students having multi-faceted talent who organize the annual technical festival of the Institute-Eclectika, the Mega Fest apart from many other cultural events. The committee works under guidance of Dr. Lata Upadhyay from Bio-Technology department. The details may be referred at <https://www.facebook.com/sanskriti.nitr/>



The Technocracy (Students' Technical Committee)

The Students Technical Committee, under the guidance of Dr. S. Bhowmick from Mechanical Engineering organizes technical workshops, seminars and events throughout the year. Also, this committee organizes annual techfest of the Institute, AAVARTAN. During Aavartan, Vigyaan a national level science exhibition is the center of attraction along with mega events in different domains like coding, robotics etc. Details may be explored at www.aavartan.org



Students' Forum

Sports Committee

The annual sport meet of the Institute is organized by the committee under guidance of Dr. Manu Vardhan from Computer Science and Engineering department. The students participate and win different competition in inter-NIT completion under guidance of Dr. Alok Dubey, the sports officer. The popular sports at our campus include basketball, hand ball, net ball, football, badminton, athletics and cricket. The newly appointed faculty in-charge of sports is Mr. [Sayon Pramanik](#) from Architecture Department.



Literary Committee

This committee publishes Institute magazine Shilpi every year. Different articles are invited by students and faculty members of Institute on various aspects of campus life which is subsequently edited by the student volunteers. The interest in literature is promoted by this group. The committee works under guidance of Dr. Sanjay Kumar from Information Technology Department. The recent version of the magazine may be downloaded from

Students' Forum

Click Club

The Click club is the photography club of Institute, promoted by Prof. S. Sanyal from Mechanical Engineering department. It is a platform for photography enthusiasts and beginners to interact, learn and nurture their photography skills. It started with the motto to click and capture all the events and activities of the Institute. The photographs used in this brochure has been borrowed from click club and gratefully acknowledged. For many other clicks, refer <https://www.facebook.com/clickclubnitrr/>.



Click Club, NITRR '16

Students' Forum

SAHYOG – The Mentorship Club

The primary objective of this team is to provide guidance to junior students by senior students through positive and constructive interactions. It works as a link between students and counseling cell of the Institute which facilitates students to seek solutions to their problems. This group works under guidance of Dr. R.K. Jade from Mining Engg.

Raaga – The Music Club

The music club of Institute Raaga was founded in year 2010 and since then, it has witnessed enthusiastic participation from the students. An annual musical evening, Shruti is organized by the group. The group was founded and has been guided by Prof. S. Sanyal.



Students' Forum

Go Green Club

The green movement of this institution was founded in the year 2010 with the purpose of educating the students about the environmental perils which await us and also empowering the students to contribute towards a greener environment by providing them with the appropriate opportunities. The group mandates for environmental awareness, conservation and protection under dynamic guidance of Dr. D. C. Jharia from Applied Geology Department. The activity details of the team may be located at <https://www.facebook.com/GoGreenNITRaipur/>.



Students' Forum

Rajbhasha Samiti

This group organizes various workshops and quizzes to sensitize the audience about central government rules regarding uses of official language Hindi and promotes it by various means. The group is headed by Prof. H. Bikrol from MCA Department. The details may be referred at <https://www.facebook.com/rajbhasha.nitr/>

Robotics Club

The club is for the robotics enthusiasts of the Institute which promotes the learning of breathtaking world of robotics under guidance of Dr. Rajesh Doriya from Information Technology department. Explore the details at <https://www.facebook.com/nitrrobots16/>.

Maker-Space

Maker-Space at NIT Raipur is set up on the theme of Open Community Technology Development Culture to promote frugal innovations. It is set up to provide working ecosystem to prospective entrepreneurs of NIT Raipur. The objectives of Maker-Space is to develop a collaborative workspace for tinkering, making, learning, exploring and sharing ideas. Once the raw and innovative ideas will start taking shapes, they will be incubated in a proper system of Technology Business Incubator (TBI).



Students' Forum

NCC

A large number of alumnus of the Institute have been working in the armed forces. They derive inspiration and receive basic training at the NCC office of the Institute. The faculty advisor is Dr. Santosh Penta from Chemistry department.



Dance Club

It is relatively new group in the Institute to create interest and promote dance among the students. The group is led by Dr. Moksha Singh of Humanities department. For details, please visit <https://www.facebook.com/nrityamdanceclubnitr/>.

Interact Club

This club is meant to increase knowledge through interactions. It organizes quizzes and group discussions under guidance of Dr. Ayush Khare from Physics department.

Students' Forum

TEDxNITRaipur

TED (Technology, Entertainment and Design) is a global set of conferences which runs under the slogan Ideas Worth Spreading. It provides a platform for thinkers, visionaries and teachers so that people around the globe can gain a better understanding of the biggest issues faced by the world and feed a desire to help create a better future. From Steve Jobs and Bill Gates to Shashi Tharoor and Piyush Goyal, TED has had exemplary and prominent people around the world as speakers on its stage. TEDxNITRaipur, is an independently organized TED event and its second edition was to be held on March, 2018 under guidance of Dr. S. Das from Metallurgical Engineering. TEDxNITRaipur aims at providing experts in various domains to express their ideas and innovations to the community. The objective is to bring together minds to give talks that are idea-focused and on a wide range of subjects, to cultivate learning and marvel – and provoke and promote conversations that inspire and motivate. The speakers come from varying backgrounds and have achieved excellence in their respective fields.

Apart from this, every branch of engineering has its own Departmental Association, run by nominated student office bearers. These associations organize seminars, expert lectures, study tours and other department related activities either independently or in association with the Institute level student forums.

The Abhinay, the dramatics club and National Service Scheme (NSS) of the Institute is led by Dr. Govardhan Bhat. The local chapter of Spic MACAY is led by Dr. Ayush Khare, Department of Physics and the MOTO SPORTS group by Prof. S.P.S. Matharu.



Public & Media Relation Cell

National Institute of Technology, Raipur since its inception has always sought to maintain strong ties with the media and industry. Public and Media Relation Cell (PMRC) helps to bridge the gap between media, industry and the student community. PMRC is the student media body of NIT Raipur which comprises of a group dedicated coordinators who cover all the events happening around the institute by writing press releases, taking photographs, designing posters and ensuring that each and every event of the Institute gets its due media coverage.

Students' Forum

NITRR Newsletter MIRROR

MIRROR is the official newsletter of NIT Raipur published by PMRC. Mirror provides brief insights about the latest events happening around the Institute. From placement statistics, students' achievements to the latest workshops, events organized within NIT Raipur, Mirror has gets it all covered.

MIRROR aims to keep the students, faculties and staff members, alumni and all other well-wishers updated with the latest significant developments of the Institute. It facilitates communication and establishes synergistic connections by expressing commendable achievements of the Institute. The publication frequency of the newsletter "MIRROR" is quarterly.

The students are advised to read the MIRROR magazine regularly. To receive the soft copy of the magazine, Media Cell may be contacted on mirror@nitrr.ac.in

Linkedin

The institute hosts the LinkedIn account:-

<https://www.linkedin.com/school/national-institute-of-technology-raipur>

NIT Raipur's LinkedIn account provides students with the opportunity to find various aluminaise, seniors and create connections with them. The students are advised to create their own LinkedIn account.

Anti-Ragging Measures

Due to grave consequences reported, the supreme court of India has taken strict stand against incidents of ragging in academic institutions. Therefore, all the academic Institutions have taken measures to ensure ragging free campus. In line with the guidelines, the Institute has constituted anti-ragging committee consisting of senior faculty members. The incidents of any attempt of ragging must be brought to the notice of this team. The contact numbers are appended herewith.



UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI

No. F. 1-21/2009 (Anti Ragging)

March. 2012

NOTICE

In pursuance to the Judgment of the Hon'ble Supreme Court of India dated 08.05.2009 in Civil Appeal No. 887/2009, the University Grants Commission has framed "UGC Regulations on curbing the menace of ragging in higher educational institutions, 2009" which have been notified on 4th July, 2009 in the Gazette of India. These regulations are mandatory for all Universities/Institutions. The UGC has made it mandatory for all students/parents to submit anti ragging related affidavits to the institutions at the time of admission. Now it is brought to the notice of all Universities, Institutions, Students and Parents that these affidavits can be downloaded from the web site of UGC and or related other web sites.

JS (ARC)

The court observes that Ragging is any disorderly conduct, whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness any student, indulging in rowdy or un disciplined activities which cause or are likely to cause annoyance, hardship or psychological harm or to raise fear of apprehension thereof in a fresher or a junior student and which has the effect of causing or generating a sense of shame or embarrassment so as to adversely affect the

Anti-Ragging Measures

affect the psyche of a fresher or a junior student.

Ragging includes but not limited to:

- Asking fresher to address seniors as Sir
- To dress in a specific dress code for a particular period of time
- To sing vulgar song or use abusive language.
- To do odd acts like cleaning the room of seniors, washing their clothes, fetching water, tea, breakfast, cigarettes or alcohol and even completing their class assignment.
- To do an act sexual in nature or to undress (stripping) or to sing pornographic limericks or to see pornographic items.
- To enact or to do silly things like kissing, proposing someone from opposite sex etc.
- Asking to try smoking, drugs or alcohol.

The Disciplinary Rules

- A. If any fresher is tortured physically, mentally or emotionally by the senior students of the institute, he/she should report the matter immediately to the hostel warden/any faculty member of the institute as well as parents. The identity of the reporting student will not be disclosed. There is an undertaking at the end of this document which should be submitted by the student and his/her parents at the time of admission.
- B. Physical, emotional and mental torture in any form to fellow students, seniors and juniors is a punishable act. The minimum punishment in such cases is in the form of fine and the maximum punishment is rustication of the accused. The maximum fine levied on this ground will be Rs. 20,000 per student. Such students will be debarred from the campus placements by the Training and Placement Cell of the institute.
- C. Any misbehaviour in the institute with the faculty members or higher authority will be treated as serious misconduct. Any form of harassment to girl student or female faculty through undesirable activities will be viewed seriously. The notorious students found guilty will be rusticated from examination and the same will be mentioned in the character/conduct certificate.
- D. Use of drugs/alcohol is strictly prohibited in the hostel and campus. The student caught red handed or proved guilty of consuming drugs/alcohol will not be allowed to enter the campus for a minimum period of one year.
- E. In case of damage to the property that is hostel/class room/campus the amount of damage will be decided by the institute authorities and shall be recovered from concerned students.

Please visit the site to fill anti-ragging undertaking online:

http://antiragging.in/site/affidavits_registration_form.aspx

Helpline

1	Dr. A.M. Rawani	Director	0771-2254200
2	Dr. Prabhat Diwan	Dean, Students' Welfare	9479221399
3	Dr. Shrish Verma	Dean, Academics	9826424427
4	Dr. (Mrs.) Subhrata Gupta	Dean, Research and Consultancy	9993244929
5	Dr. Gangadhar Ramtekkar	Dean, Planning and Development	9893131246
6	Dr. (Mrs.) A.B. Soni	Dean, Faculty Welfare	09617777363
7	Prof. P.Y. Dhekne	Registrar	0771-2252700
8	Dr. Manoj Pradhan	Chief Warden Boys' Hostel & Warden, Hostel-F	9826540711
9	Dr. (Mrs.) Sadhana Agarwal	Chief Warden Girls Hostel & Warden, Hostel-PG	9993885860
10	Dr. Ashok Kumar Shrivastav	HOD, Physics	98271-59605
11	Dr. S.P. Mahapatra	HOD, Chemistry	9098411198
12	Dr. V.K. Singh	HOD, Chemical Engg.	9893791121
13	Dr. U.K. Dewangan	HOD, Civil Engg.	9406318996
14	Dr. Pankaj Dewangan	HOD, Mining Engg.	982665155
15	Dr. R. Salhotra	HOD, Mechanical Engg.	9424218342
16	Prof. Devashish Sanyal	HOD, Architecture	9826131952
17	Dr. S.D. Patle	HOD, Humanities & Social Sciences	9406016113
18	Dr. Prabhat Diwan	HOD, Applied Geology	9424274599
19	Dr. Bikesh Kumar Singh	HOD, Biomedical Engg.	9826469522
20	Dr. R.K. Tripathi	HOD, M. C. A.	9425508900
21	Dr. Pratima Gupta	HOD, Bio Technology	9229557174
22	Dr. Pradeep Singh	HOD, Computer Science and Engg.	9407627366
23	Dr. B. Acharya	HOD, Electronics and Telecommunication Engg.	8319193488
24	Dr. Satya Prakash Sahu	HOD, Information Technology	9329173783
25	Dr. Arvind Kumar Sinha	HOD, Mathematics	9300685809

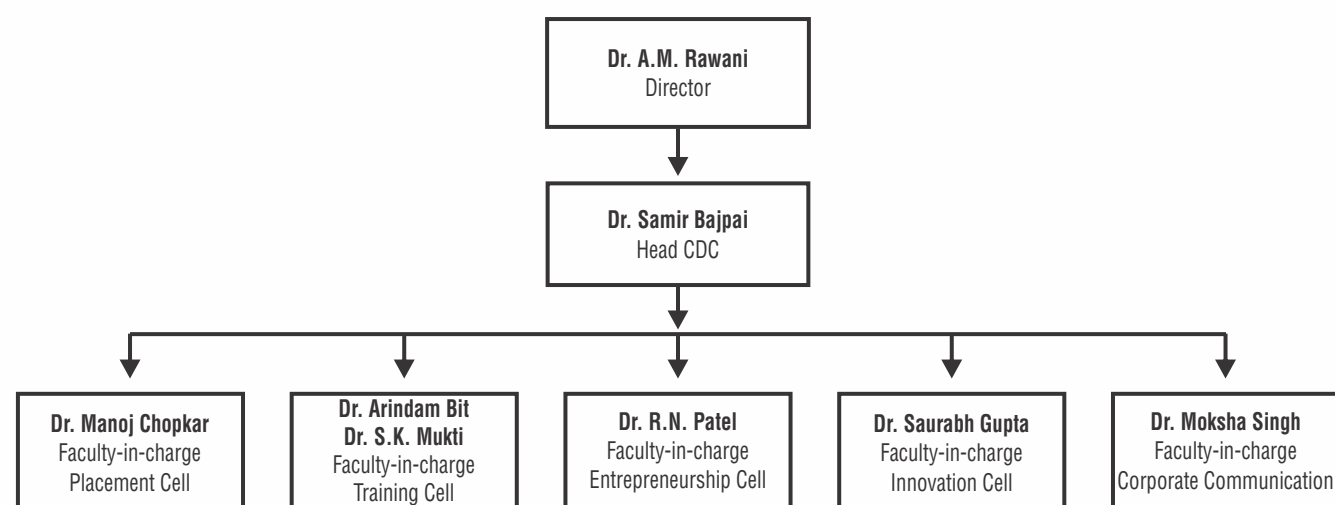
Helpline

26	Dr. M. K. Tripathi	HOD, Metallurgical Engg.	8103766514
27	Dr. N. D. Londhe	HOD, Electrical Engg.	9039898860
28	Mr. Rupendra Dewangan	Assistant Grade-III (Asst. to Chief Warden)	8878397585
29	Mr. Punoo Ram Nishad	Caretaker, Hostel-F	8827365422
30	Dr. D. S. Sisodia	Warden, Hostel-A	9425371030
31	Mr. Amit Verma	Caretaker, Hostel-A	7694918789
32	Dr. V. K. Singh	Warden, Hostel-B	9893791121
33	Mr. Bharat Yadav	Caretaker, Hostel-B	9300219295
34	Dr. Ayush Khare	Warden, Hostel-C, Hostel-H, Block-III	9425213445
35	Mr. Manish Chandrakar	Caretaker, Hostel-C, Hostel-H, Block-III	8120273278
36	Dr. P. K. Choudhary	Warden, Hostel-D	9406145088
37	Mr. Yogesh Verma	Caretaker, Hostel-D	9302312909
38	Dr. Pradeep Singh	Warden, Hostel-H, Block-I	9407627366
39	Mr. Sourabh Singh	Caretaker, Hostel-H, Block-I	7067825794
40	Dr. Sanjay Kumar	Warden, Hostel-H, Block-II	9407714701
41	Mr. Santosh Kumar Nishad	Caretaker, Hostel-H, Block-II	9179104314
42	Dr. (Mrs.) Sadhana Agarwal	Warden PG Girls Hostel	9993885860
43	Mrs. Laxmi Sahu	Matron Girls Hostel-PG	8269063540
44	Dr. (Mrs.) Mridu Sahu	Warden Girls Hostel-E	9826501139
45	Miss Geetanjali Sahu	Matron Girls Hostel-PG	7000227938
46	Dr. (Mrs.) Deepmala	Warden Girls Hostel-G	7489465263
47	Mrs. Deepika	Matron Girls Hostel-G	7987365212
48	Mrs. Haripriya	Matron Girls Hostel-G	8319137011
49	Mr. Balram Nayak	Security Officer	7587061831
50	Dr. Sanjeev Pandey	Medical Officer	9827111152

Career Development Centre

Career is not merely confined to the placement of the students through campus selection, but in present scenario, it is expanded to all-round, holistic and sustainable professional growth. Therefore, developing soft skills, nurturing innovation, supporting entrepreneurial approach and inculcating managerial skills are indispensable for fulfilling long-term professional career of the students.

Aiming to foster the career of students, Dr. A. M. Rawani, Director, NIT Raipur has constituted the Career Development Center (CDC) of the Institute on 26th June 2018. The CDC intends to support the students to aspire beyond the campus selections promoting innovation, entrepreneurship and skill developments. The entrepreneurship cell (coordinated by Dr. Ramnarayan Patel) and innovation cell (coordinated by Dr. Saurabh Gupta) of the CDC will assess the students' requirements and execute plans to achieve the mission. Since vocational training plays a vital role in the placement of the students, Dr. Arindam Bit will plan and coordinate various activities in this direction. The students need special training for the written test, group discussion, technical and HR interviews. These aspects of internal training shall be coordinated by Dr. A. Seenivasan. Dr. Moksha Singh will coordinate with the Industries for the matters of mutual interests. The CDC of the Institute will be led by Dr. Samir Bajpai.



Counseling Cell & Value Education

The institute offers counselling services to all its students through a unique approach based on development of human consciousness through value education. Getting admission in a professional program in a reputed institute is a landmark milestone. However, now equally important is to tread the path of professional education with dedication and hard work, with focus on the goal of professional and personal success and happiness. To traverse this journey, the mind should have to be clear, stress free and calm.

Most of the students move out of their home for the first time. Transition to college life, with probable change of language, without family support system, in a new environment is fairly challenging for a few students. Counselling Cell provides a counsellor for helping the students to overcome any kind of stress or anxiety. The counsellor is always available to help students to resolve their problems and pursue their goals with a calm and determined mind.

To help students develop human consciousness to lead a value-based life – a fundamental requirement to ensure success, both professional and personal, and more importantly, happiness – the institute offers a course on Value Education to the second year students. In this course the students are empowered to analyze and understand the source or root cause of problems and find solutions so that they can live a successful and happy life.



Ordinance & Regulations (B. Tech. Programs)

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1. About the Institute

The National Institute of Technology Raipur (NIT Raipur) is one of the biggest NIT, in the way of intake at UG level, has a legacy of more than 60 years of service to the nation.

Vision of the Institute:

To be a leader in technical and management education in India and to establish a unique identity for the development of high quality human and knowledge resource in diverse area of technology and management.

Mission of the Institute:

To Re-engineer the engineering education and to mould young students into rational thinking engineers who are motivated by a passion for professional excellence driven by human values and proactively engaged in betterment of society.

Ordinance & Regulations (B. Tech. Programs)

2. Preamble

- 2.1 The provisions in these regulations govern the conditions for imparting courses of instructions, conduction of examinations and evaluation of performance of students leading to B. Tech. degrees programs in National Institute of Technology Raipur (NITRR).
- 2.2 This ordinance supersedes all the previous ordinances, rules and regulations and are effective from the academic year 2019-2020 onwards.
- 2.3 The curriculum intends to provide broad based knowledge and simultaneously builds a temper for the lifelong process of learning and exploring. At undergraduate level, a student needs to do compulsory foundation courses in the areas of Humanities, Basic Sciences and social sciences apart from the departmental requirements. Departmental courses (core and electives) constitute minimum 50% of the total curriculum. Further, students are allowed open category electives to broaden inter-disciplinary knowledge base and to specialize in an area outside the parent discipline.
- 2.4 The medium of instruction in the Institute is English.
- 2.5 The Institute follows the semester system. An academic year runs from July through June next year and comprises of two semesters and two terms. The First semester (Autumn Semester) starts in the third week of July and ends in the middle of December, while, the second semester (Spring Semester) starts in first week of January and ends in the middle of May. This is followed immediately by the Summer Term starts which ends in the second week of July. The Winter Term starts around the third week of December.
- 2.6 The provisions of these regulations shall also be applicable to any new discipline that will be introduced from time to time and added to the list of Academic Programme.
- 2.7 Notwithstanding all that has been stated in the Regulations, Senate has the right to review and change the Regulations from time to time.
- 2.8 Any doubt or dispute arising about the interpretation of the Regulations shall be referred to the Chairperson Senate whose decision shall be the final decision.

3. Acronyms

S.No	Acronym	Full Form
1	AI	All India
2	B.Tech	Bachelor of Technology
3	CCB	Central Counseling Board
4	CFTIs	Centrally Funded Technical Institutes
5	CGPA	Cumulative Grade Point Average
6	CPI	Cumulative Performance Index
7	DAC	Departmental Academic Committee
8	DGC	Departmental Grievance Committee
9	EPR	Essential Program Requirements
10	ESE	End Semester Exam
11	FIR	First Information Report
12	Gol	Government of India
13	HOD	Head of the Department

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14	IISc	Indian Institute of Science
15	IIT	Indian Institute of Technology
16	JEE	Joint Entrance Examination
17	L	Lecture
18	MHRD	Ministry of Human Resource Development
19	MIS	Management Information System
20	MOOCs	Massive Open Online Courses
21	MSE	Mid Semester Exam
22	NCC	National Cadet Corps
23	NIT	National Institute of Technology
24	NSS	National Service Scheme
25	OE	Open Elective
26	P	Practical
27	PC	Programme Core
28	PrC	Project Committee
29	PE	Programme Elective
30	PG	Post Graduation
31	PLR	Programme Laboratory Requirements
32	SPI	Semester Performance Index
33	T	Tutorial
34	TA	Teacher's Assessment
35	UFM	Unfair Means
36	UG	Under Graduation
37	UMC	Unfair Means Cases

4. A. Academic Programme

4. A.1. The B. Tech. Academic Programme comprises of the following disciplines in which the degrees are be offered:

- I. Bio Medical Engineering
- II. Bio Technology
- III. Chemical Engineering
- IV. Civil Engineering
- V. Computer Engineering
- VI. Electrical Engineering
- VII. Electronics and Communication Engineering
- VIII. Information Technology
- IX. Mechanical Engineering
- X. Metallurgical Engineering
- XI. Mining Engineering

4.B. Admission

4. B.1. The minimum qualification for admission to the first semester of B.Tech. Course shall normally

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- be the passing of a Higher Secondary School Certificate exam (10+2) scheme with Physics, Chemistry and Mathematics conducted by recognized Board of Secondary Education or an equivalent exam of a recognized Board/University as per the instructions received from Ministry of Human Resource Development (MHRD), GoI from time to time.
- 4. B.2. Admission of Indian Nationals to the first semester of B.Tech. Course shall be through his relative performance in Joint Entrance Examination (JEE) leading to securing a place in merit list of eligible candidates and as governed by the rules of Central Counseling Board (CCB) time to time.
 - 4. B.3. Direct admission of Foreign Nationals either residing in India or abroad or Indian nationals residing abroad to the first semester of B.Tech. Course shall be according to the policy guidelines laid down by the MHRD, Govt. of India/Board of Governors (BoG) of the Institute from time to time.
 - 4. B.4. Students admitted to the B. Tech. Programmes shall normally pursue the Programme initially allocated to them at the time of admission. However, the Senate may permit a limited number of academically meritorious students as assessed by their performance in the Institute for first two regular semesters, to change their Programme. Any such change of Programme shall be as per the "Change of Branch Rules (Branch Sliding)" as given in the Annexure -1 of this document.
 - 4. B.5. Every student, admitted provisionally or otherwise to the UG Programme of the Institute, shall submit copies of the qualifying degree/provisional certificate and such other documents within the stipulated date as prescribed by the Senate failing which may lead to cancellation of the admission of the student by the Senate.
 - 4. B.6. If, any time after admission, it is found that a candidate had not in fact fulfilled all the requirements stipulated in the offer of admission, in any form what so ever, including possible misinformation etc., the Dean-Academic shall report the matter to the Senate recommending for cancelling the admission of the candidate. The decision of the Senate, regarding the above, is final and binding.
 - 4. B.7. The institute reserves the right to cancel the admission of any student and ask him/her to discontinue his/her studies at any stage of his/her career on the grounds of indiscipline or any misconduct. The decision of the Senate, regarding the above, is final and binding.
 - 4. B.8. Candidates must fulfil the medical standards required for admission as prescribed by MHRD (GoI) from time to time.

4. C. Academic Calendar

- 4. C.1. The Academic Session shall commence in the month of July each year. Each Academic Session shall consist of two regular semesters, Autumn (Odd) and Spring (Even) apart from vacations, and midsemester breaks, if any. Each regular semester shall normally consist of about eighteen (18) weeks including examination period.
- 4. C.2. The exact dates for the important academic events scheduled during the Academic Session shall be specified in the Academic Calendar.
- 4. C.3. The Academic Calendar, or any change therein during the session, shall require prior approval of the Senate/ Chairman, Senate.

4. D. Registration

4. D.1. Every student of B. Tech program is required to be present and register at the commencement

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of each semester on the date fixed and notified in the Academic calendar. Registration process will have three components.

4. D.1.1. Physical presence of the student on the first day of semester.
4. D.1.2. Payment of semester fees including any unpaid dues of past semesters, and
4. D.1.3. Getting enrolled/registered in the courses approved by the Departmental Academic Committee (DAC) of the department. Constitution of DAC/DGC is given in Annexure – II.
4. D.2. Percentage attendance for all students will be counted from the date of commencement of the semester, irrespective of his/her date of registration. However, for First year students in first semester, attendance will be counted from date of admission into the Institute or date of commencement of class work, whichever is later.
4. D.3. A student who does not register on the day announced for the purpose may be permitted by Dean Academics in consideration of any compelling reasons for late registration within next one week on payment of additional late fee as prescribed by the Institute from time to time. Normally, no late registration beyond one week from the scheduled date of registration shall be allowed.
4. D.4 After registration in each semester, each student should collect a registration sheet, which indicates the courses registered by him/her in that semester, signed by the faculty advisor/Head of the Department (HOD). The student should carry this registration sheet for all the examinations in that semester. This sheet shall serve the purpose of hall ticket for appearing for the examinations in that semester.
4. D.5. Only those students will be permitted to register who have
 4. D.5.1. Cleared all the institute and hostel dues of the previous semesters,
 4. D.5.2. Paid all required fees of the current semester,
 4. D.5.3. Not been debarred from registering for a specified period on disciplinary or any other ground
 4. D.5.4. Not been struck off from the rolls of the institute.
4. D.6. Except in 1st semester the tuition fees etc. will be paid semester wise and not year wise.
4. D.7. The classes of all semesters will start from the day following the registration or any other day as decided by the institute authorities/mentioned in the Academic Calendar.
4. D.8. Students may register subject(s) (up to a maximum of 30 credits in a semester) with the concurrence of the Head of the Department under intimation to the concerned course instructors and the academic section provided this is done within the date mentioned in the academic calendar. An elective course will normally be offered only if there is a minimum registration of 20 students. To accommodate faster learning, students may be allowed to register for subjects of the higher semester up to four credits, the suitability and feasibility of the same should be approved by the DAC. For registering courses of higher semester, the student should possess a CPI of 8 or higher, without any backlog.
4. D.9. If a student finds his/her load heavy in any semester, or for any other valid reason, he/she can drop some courses within three weeks from the commencement of the class work in the semester with the written approval of his/her Faculty Advisor and Head of the Department, with an intimation to Dean-Academic. In such circumstances, the student shall not be eligible for the award of Distinction even if she/he secures a CPI of 8.5 and satisfies the other requisite criterion

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as per rule 4.H.8. Elective courses may normally be changed within a week from the commencement of classes.

4. D.10. Backlog subjects means subjects from the previous semesters with 'F' grade. A student can appear for supplementary examination in the backlog subject/s as and when it is conducted. In case a student fails in the supplementary examination too then he/she has to register for a backlog subject whenever it is offered. His/her previous marks/grades will be cancelled and she/he will have to attend all classes and examinations as and when they are conducted. Major changes in the time table shall not be entertained to accommodate backlog students.
4. D.11. A student must register for the backlog courses first giving priority to the oldest backlogs. [The students will register by default for backlog courses being offered in a particular semester]. The maximum credits (including backlog courses) that a student can register in a semester is 30. However, students whose branch has been changed (as per Annexure I) in third semesters, can register for four more credits over the ceiling of 30 in third and fourth semesters, only for passing the branch specific subject as per the requirement of the new branch.

4. E. Structure of Programme

4. E.1. The normal duration of the course leading to B. Tech. degree will be eight semesters or four years. Medium of instruction and examination will be English.
4. E.2. Teaching scheme of a subject, in general, has Lecture (L) with one credit per period per week, Tutorial (T) and Laboratory/ Drawing/Workshop (P) components with half credit per period per week. However, some of these components may not be present in some subjects.
4. E.3 Any change in syllabi (up to one unit of the existing) proposed by the course coordinator has to be approved by the Departmental Academic Committee (DAC). Proposing changes in the syllabi for more than a unit would be termed as Revision of syllabi. Such revisions and changes in courses and curricula proposed by the course coordinator and recommended by DAC shall have to be placed before the Senate for its approval.
4. E.4. The structure of B.Tech. Programmes shall have Essential Program Requirements (EPR), Programme Core (PC), Elective Courses (PE and OE) and Programme Laboratory Requirements (PLR) as shown in Annexure – III.
4. E.5. The curriculum of individual programmes includes industrial training for 4-6 weeks. Industrial training and/or fieldwork is to be satisfactorily completed before a student is declared eligible for the degree. The industrial training will be arranged during the summer vacation following the Fourth and sixth semester of studies. Attachment with an academic institution within the country (IISc/ IITs/NITs/IIITs and CFTIs) or university abroad is also permitted instead of industrial training. A report is to be submitted to the Head of the Department and evaluation for one credit in Fifth Semester and two credits in Seventh Semester will be based on the report, presentation and viva-voce examination.
4. E.6. A student may be allowed for a semester-long internship in industry/organization in Eighth Semester of the Programme provided the student has no backlog and he/she has received a pre-placement offer/offer of the internship from a reputed industry/organization. The student will be evaluated on the basis of a mid-semester evaluation, field evaluation report submitted by his/her supervisor belonging to the Industry/organization and report submitted by the student along with presentation and viva-voce in the department at the end of the semester. Attendance

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and the field evaluation report must be submitted with in the time frame to the Head of the Department. Such a student will have to successfully complete online courses/MOOCs approved by the DAC of the department as per the specified scheme (curriculum). Credits of such approved courses will be transferable for the calculation of SPI in the VIII Semester in the Institute.

- 4.E.7. Project work is scheduled during the VIIth(seventh) Semester of regular session of the respective B.Tech. Programme. In order to promote interdisciplinary culture, a team of maximum four students from various departments can be formed with the permission of the Heads of Departments concerned in the second year itself. The project guide/s for such projects shall be from one or more departments. Co-guide from industry or Institutes of National Repute is also permitted.

4. F. Credit Requirements

- 4.F.1. Institute follows semester-based credit system of study. The prominent features of the credit system are a process of continuous evaluation of a student's progress and flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience, subject to fulfilling minimum requirements for continuation. A student's progress is measured by the number of credits he/she has earned, i.e. completed satisfactorily. Based on the course credits and grades obtained by the student, Performance Index is calculated. A minimum Performance Index is required to be maintained for satisfactory progress and continuation in the program. Also a minimum number of earned credits and a minimum Performance Index should be acquired in order to qualify for the degree. Minimum earned credit requirements for the 4-year B. Tech. programmes shall be 173.
- 4.F.2. Basis of Credits will be $\{L+T+P/2\}$ where L, T and P are number of Lecture, Tutorial and Practical periods respectively. Credit in a course will be a full number and if it falls to be a fractional one then that will be considered as next higher full number. A candidate can earn all the credits allotted to a semester only when he/she passes the said semester.
- 4.F.3. The credits for the courses in which a student has 'E' (minimum passing grade for a course) or a higher grade will be counted as credits earned by him/her. Any course in which a student has obtained R, F or W grade will not be counted towards his/her earned credits.

4. G. Grading System

- 4.G.1. A letter grade, corresponding to specified number of grade points, is awarded in each course for which a student is registered. Based on the sum total of marks obtained in TA, MSE and ESE, he/she will be awarded a letter grade based on his/her relative performance (w.r.t. other students) in the class of that course. The academic performance of a student shall be graded on a ten point scale. On obtaining a pass grade, the student accumulates the course credits as earned credits. A student's performance is measured by the number of credits that he/she has earned and by the weighted Performance Index. A minimum number of credits should be acquired in order to qualify for a degree and continuation on semester basis.
- 4.G.2. The awards/grades are submitted in the Dean Academic office positively within the prescribed time limit as announced in the academic calendar after the End Term examination.
- 4.G.3. The grades to be awarded, corresponding grade points and the description of performance are listed below:

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Grade	Grade Points	Performance
O	10	Outstanding
A	9	Excellent
B	8	Very Good
C	7	Good
D	6	Fair
E	5	Average
F	0	Fail
NA	--	Not Appeared in ESE
W	--	Withdrawal from the semester
R	--	Insufficient Attendance (to be repeated)
X	--	Debarred

The norms for the award of the letter grade are as follows:

- No student can be awarded E or better grade without securing at least 35% aggregate marks in any course, i.e. in (MSE+ESE+TA).
 - For award of E or better Grade, it is also mandatory that the student should secure at least 35% marks of the maximum marks awarded/scored in the End Semester examination in the course.
 - The class average is calculated by excluding the marks obtained by F grade students
 - Further, there shall be four transitional grading symbols, which can be used by the examiners to indicate the special position of a student in the subject. NA: for "Incomplete assessment" due to non-appearance in an exam, if the student misses the End-semester examination.
R: for 'Insufficient attendance' in the course (that course is to be repeated).
W: for "Temporary withdrawal" from the Semester.
X: for "Debarred" on grounds of malpractices in examinations or indisciplinary behavior, etc.
- 4.G.4. An 'O' grade stands for outstanding achievement. The 'E' grade stands for average performance representing the minimum passing grade in any course.
- 4.G.5. The 'F' grade denotes failing in a course. A student has to repeat the courses in which he/she obtains 'F' grade, until a passing grade is obtained. 'F' grade may result in increased period of stay for completing degree requirements. No SPI will be awarded if a student has obtained one or more grade 'F' in a particular semester.
- 4.G.6. The student who remains absent (due to compelling reasons as mentioned in the clause 4.H.1-(iv)) in the end semester examination will be awarded 'NA' grade. When a student gets 'NA' grade for any subject(s) during a semester, the SPI of that semester and the CPI at the end of that semester will become zero until that particular course/semester is not cleared by the student. Such student must appear in the supplementary examination to convert the 'NA' grade to any pass grade. If such a student remains absent in the supplementary examination too then he/she will be awarded 'F' grade.
- 4.G.7. A 'W' grade is awarded in a course where the student has opted to withdraw from the semester. Withdrawal from a course is permitted until the commencement of the mid-semester examination.
- 4.G.8. The 'R' grade is awarded for insufficient attendance (as mentioned under section 4. I) and student has to repeat the course during the next year whenever it is offered or later as advised by the DAC.
- 4.G.9. The performance of a student is evaluated in terms of two indices, viz. the Semester

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Performance Index (SPI) which is the Performance Index for a semester and Cumulative Performance Index (CPI) which is the Performance Index for all the completed semesters, at any point of time. The SPI is calculated on the basis of grades obtained in all courses registered for the semester. The CPI is calculated on the basis of all pass grades obtained in all completed semesters. Both SPI and CPI will be taken up to the second place of decimal without rounding off and recorded as such.

SPI = (sum of courses (Course credit x Grade point)) / (sum of courses (Course credit))

CPI = (sum of All sem. completed (Course credit x Grade point) in passed courses) / (sum of All sem. completed (Course credit) in passed courses)

- 4. G.10. The CPI, SPI and the grades obtained in all the subjects in a semester will be communicated to every student at the end of every semester except in final year, second semester (i.e. VIIIth semester of B. Tech. courses) through a grade sheet. In its place a consolidated grade sheet will be issued for final semester. This consolidated grade sheet supersedes all the earlier grade sheets.

4. H. Assessment Procedure

- 4. H.1.(i) The teacher's assessment would be carried out with Class tests, assignments, viva-voce, quizzes, laboratory assignments etc., being the constituent components of continuous assessment process, and a student must undergo the continuous assessment process as prescribed by the teacher/coordination committee of the subject. If due to any compelling reason (such as his/her illness, calamity in the family etc.) a student fails to meet any of the requirements within/on the scheduled date and time, the teacher/coordination committee in consultation with the concerned Head of the Department may take such steps (including the conduct of compensatory tests/examinations) as are deemed fit. In each semester, there shall be one mid semester exam (MSE), and one end semester exam (ESE) apart from surprise tests/quizzes/assignments. Students will be permitted to appear in the examinations in only those subjects for which they have registered at the beginning of the semester. The mid semester and supplementary examinations will be conducted by the Departments as per the schedule and guidelines provided by the Academic calendar. By the mid semester examination, minimum two units of the syllabus should be completed. End Semester examination is normally conducted centrally in the Institute.
- (ii) If a student fails to appear for the mid semester examination in any subject(s) due to compelling reason like serious illness of himself/herself which necessitates hospitalization/bed rest (with intimation to the institute medical officer) or a calamity in the family, he/she shall apply immediately to the Head of the Department, along with relevant certificates within one week after completion of the examinations. All such cases will be scrutinized by DAC and approved list of candidates shall be permitted for a re-examination and the period of re-examination and syllabus shall be notified by the respective Head of the Department.

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(iii) Appearing in the end-semester examination in the theory and laboratory subjects is mandatory for a student. Unless exempted as stated below, if a student fails to appear for the end-semester examination, he/she shall be awarded 'F' grade in the subject. He/she can be permitted to appear for the Supplementary examinations to be conducted later, as announced in the academic calendar. In such cases, the student will be awarded only 'E' grade in-case the student gets more than 35 % marks in the Supplementary examination.

(iv) However, if a student misses the end-semester examinations due to a compelling reason like serious illness of himself/herself which necessitates hospitalization or a calamity in the family, he/she may appeal to the Dean-Academic before commencement of examination through his/her Head of the Department and Institute Medical Officer for permitting himself/herself to appear in the subsequent examination(s), when conducted next. DAC of that department may, after examining the documents and being convinced about the merit of the case, recommend permitting him/her to appear in the subsequent supplementary examination(s). In such cases, transitory grade 'NA' is temporarily awarded to the student in the subject.

(v) Summer Semester during Summer vacation may be conducted for those students of final year only who have been awarded F or R grades in the immediate preceding seventh and /or eighth semester supplementary examination. Such students must not have any back-log up to third year at the time of registering in Summer Semester.

- 4. H.2. The weightage assigned to various components of Teacher's assessment (TA) shall be announced by the concerned class teachers in the beginning of the semester. Each student, registered for a course, shall be awarded marks by the concerned teacher/faculty in-charge. The marks awarded to a student depend upon his/her performance in various examinations, laboratory works/ assignment etc. The marks awarded are to be used to award the relative letter grades, and grade point.
- 4. H.3. Assessment of Lecture Courses: The mid and end semester examinations are of 2 hours and 3 hours respectively. Review of question papers shall be done by the committee appointed at the departmental level. Result analysis shall be done at the Departmental Academic Committee (DAC) meeting and the same shall be reported to the Senate. The evaluation pattern for the theory courses shall be as under:

Sub-component	Weightage
TA: Class tests/ Quizzes/ Assignment/Tutorials, etc.	20 marks
Mid semester exam	30 marks
End semester exam	50 marks

- 4. H.4. Assessment of Laboratory Courses: The continuous assessment in a laboratory course in each semester shall be for 100 marks, with the following weightages:

Sub-component	Weightage
Continuous evaluation (TA)	40 marks
Mid-semester evaluation	20 marks
End Semester examination	40 marks

The marks for continuous evaluation may be distributed among various components like class work performance, Lab records, Quizzes, skill tests/assignments/mini projects and mid semester evaluation comprises of performance of the practical and viva-voce.

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4. H.5. Project: Number of students assigned a project work should be restricted to a maximum of four. Head of each Department shall appoint a project coordinator who in consultation with the other faculty members will prepare a list of project topics to be given to the students at the beginning of 7th semester. The project evaluation for the B. Tech. Programme shall be carried out by a Project committee (PrC) comprising, the Head of the Department or his/her nominee (Chairman), project coordinator and the project guide/s. The allocation of projects, faculty guides and tentative plan of work are to be done before the last day of class of the 6th semester. A mid-semester assessment and end-semester assessment will be carried out for each Part by the project coordinator and supervisor/s. The students are to be continuously assessed on their initiative, interest, effort and regularity shown during the project work and in the preparation of the project report. The project work shall be evaluated for 100 marks, with the following weightages:

Sub-component	Weightage
Periodic evaluation by Guide (TA)	40 marks
Midterm review	20 marks
End Semester viva-voce examination	40 marks

If the performance of a student is not satisfactory, he/she can be awarded 'F' grade. Such a student will be given a maximum time of three months to improve his/her performance. If the performance of such a student is not satisfactory even after the extended time period, he/she will have to repeat the project work in the next academic year. The Departments have to evolve rubrics for evaluation of Project work. The marks may be distributed among various components like selection of topic, problem statement, literature review, methodology, oral and written presentation of the work done and performance in viva-voce examination. The final evaluation of the project work will be done at the end of second semester, final year. Any conduct on the part of students with regard to plagiarism (in project report or elsewhere) will be considered as indulgence in unethical means, and will invite strict disciplinary action.

4. H.6. (i) The final grades awarded to the students in a subject must be submitted by the teacher/Chairman, Project committee to the concerned Head of the Department. The Head of the Department shall place the grades of students in all subjects before the DAC for its consideration and recommendation. The grades recommended by the DAC shall be sent to the Examination section.
- (ii) As a process of learning by students and also to ensure transparency, the answer scripts after correction of class tests, mid-semester examinations, assignments etc., will be shown to the students within the time-frame as mentioned in the Academic Calendar. The teacher/Chairman, Coordination Committee must submit the marks obtained in mid semester examinations to the Head of the Department two weeks after the end of mid semester examinations. The marks obtained in class tests/ minor tests held till that date also need to be submitted to the Head of the Department. The performance of the students in these examinations will be discussed in the DAC.
- (iv) In order to ensure transparency in the evaluation of scripts of end-semester examination, those answer scripts also shall be shown to the students up to one day before the finalization of grades. Once the Grades are finalized by DAC, the student will no longer have any right to verify his/her answer scripts. The student can appeal to DGC for any arbitration within one week from

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the date of official publication of interim results in the Institute Website.

4. H.7. A student of the B. Tech. degree program must complete the prescribed course work with aminimum requirement of 173 credits within a maximum period of seven years starting from registration of I year I Sem.
4. H.8 (i) A student is considered eligible for the award of Honors if she/he a) has passed minimum two extra theory subjects (approved by DAC) other than the stipulated ones. The extra theory subjects should comprise of minimum six and maximum eight credits over and above the minimum credit requirement of the concerned branch. b) has passed all the courses without securing R, X, F or W Grades during the period of study, c) has passed all the courses without dropping any courses in any semester and d) has passed securing a CPI of 8.5 and above. If a department offers one or more courses beyond the minimum credit requirement, the same shall not be considered for award of honours.
- (ii) A student is considered eligible for the award of First Division with Distinction if she/he has passed all the courses a) Without securing R, X, F or W Grades during the period of study, b) Without dropping any courses in any semester, and c) With a CPI of 8.5 and above.
- (iii) A student failing to satisfy Rule 4. H.8 (I and ii), even if he/she gets a CPI of 8.5 or more will not be eligible for the award of Distinction and will be awarded First Division only.
- (iv) A student with a CPI of 6.5 and above but less than 8.5 is considered eligible for the award of First Division.
- (v) A student with a CPI of 5.0 and above but less than 6.5 is considered eligible for the award of Second Division.
4. H.9 The valued answer scripts shall be preserved for a maximum period of 12 (twelve) months after publication of results. The teachers are required to send the valued answer scripts of both mid semester and end semester examinations to the examination section to preserve them.

4. I. Attendance Requirement and Absence

4. I.1. Every student must attend all theory, tutorials and practical classes in the subjects in which she/he has registered at the beginning of the semester. However, to account for constraints/unavoidable circumstances, a condonation for the shortage of attendance up to 15 % can be granted by the DAC of the concerned department.
- A short fall in attendance up to a further 10% can be condoned by the Dean of Academic Affairs under satisfactory reasons. In truly exceptional circumstances, the Director may relax attendance requirements with reduction of grade, one or two steps lower, as it may be thought appropriate and recommended by a committee constituted for the purpose.
4. I.2. Students not having minimum 75 %(including condonation) attendance in any course, shall not be permitted to appear for the end semester examination in that subject and is awarded "R" Grade in that course. Such student has to register for the course in which he/she has shortage of attendance, as and when the course is offered next.
4. I.3 If the period of absence is for a short duration (of not more than two weeks), application for leave shall have to be submitted to the Head of the Department concerned stating fully the reasons for the leave requested for along with supporting document(s). The Head of the Department will grant such leave. During such leave period, the student will be marked as absent. Even with this leave applied, the student must satisfy at least 75 % attendance requirement to appear for end semester examination.

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- 4. I.4. A student must inform the Dean (Academics) through Head of the Department immediately of any instance of continuous absence from classes.
- 4. I.5. The students will be informed of the status of attendance by the concerned course teacher at least twice in a semester. (to be listed under the duties of course coordinator/subject teacher).
- 4. I.6. A student representing the Institute in approved extracurricular activities such as Sports, Games, Cultural meets, Seminar, Workshop, Conference and Interview arranged through Training & Placement Department, NCC/ NSS Camps etc., shall be considered as on-duty subject to a maximum of five days in a semester. Prior permission from competent authority is required for availing on duty permission. The period of absence can be counted as 'present' for the computation of percentage of attendance at the end of semester.

4. J. Promotion

- 4. J.1. There are no restrictions for promotion to next semester. However, as per clause 4.D.11, a student can register for maximum of 30 credits in a semester. In case of backlog, the student must register in the backlog papers first, giving priority to the oldest backlogs. A student will be permitted to register for maximum of seven theory subjects in any semester including backlog papers.
- 4. J.2. Once a candidate has passed a semester examination, one shall NOT be permitted to reappear in that examination or part thereof with a purpose of improvement of performance in exam, such as, division, marks, grades etc.

4. K. Duration of the Programme

- 4. K.1. Normally a student has to complete all the requirements for B. Tech. Programmes in four years (eight semesters). Academically weak students who are unable to pass in some courses and have to repeat them in subsequent semesters or register for lesser number of courses in a semester on their own as per the advice of the DAC, shall be permitted to complete all the requirements of the degree in maximum 14 consecutive semesters (seven years). The same holds equally for students who have requested and been granted temporary withdrawal.

4. L. Eligibility for the Award of the Degree

- 4. L.1. A candidate shall be eligible for the award of the degree of the Bachelor of Technology (B.Tech.) only if the candidate:
 - i) Has undergone the prescribed programme of study (by registering and crediting all core, professional and Open elective subjects),
 - ii) Has earned the minimum total number of credits specified in the curriculum of the relevant programme of study,
 - iii) Has obtained prescribed CPI of 5.0 or above within specified maximum permissible duration,
 - iv) Has no dues to the Institution, Library, Hostels, etc.,
 - v) Has no disciplinary action pending against him/her.

4. M. Temporary Withdrawal from a semester

- 4. M.1. A student who is unable to attend classes for more than four weeks (twenty teaching days) in a Semester, may apply to the Dean, Academics through Convener, DAC, for withdrawal from the Semester along with supporting documents, which shall mean withdrawal from all the registered courses in the Semester. Dean Academics shall put-up such cases with his recommendations to Chairman Senate for approval, decision of the Director & Chairman

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Senate will be final. For Application for semester withdrawal must be made as early as possible and latest one week before the start of the End Semester Examination.

- 4. M.2. Partial withdrawal from the semester shall not be allowed.
- 4. M.3 Any application on medical grounds shall be accompanied with a medical certificate from the institute Medical Officer. A certificate from a registered medical practitioner containing the registration number may also be accepted in those cases where a student is normally residing off campus or becomes ill while away from the Institute.
- 4. M.4. A student will be permitted for semester withdrawal only twice in the entire duration of his programme.
- 4.M.5. Such a student will be awarded 'W' grade in all subjects in the semester in which temporary withdrawal is made. Such a student will have to pay semester admission and institute fee for the semester in which temporary withdrawal is made.

4. N. Faculty Advisor

- 4. N.1. To help the students in planning their courses of study and to render general advice regarding either the academic programme or any other activity, the Head of the Department concerned, will assign every year, a certain number of students from the first year to a faculty member who will be called Faculty Adviser. The set of students thus assigned will continue to be under the guidance of this Faculty Adviser till they complete the programme or replaced by the HOD.

4. O. Course Evaluation by the students (Feedback)

- 4. O.1 Every course run in a semester is evaluated on the basis of feedback received from the students registered in that course. During the last week of a semester, the students shall give their feedback on the courses studied by them during the semester. The feedback system shall be computerized and coordinated by the MIS personnel. The compiled feedback reports shall be forwarded by the MIS personnel to the concerned Head of the Department who will scrutinize the same and may take appropriate steps to enhance the quality of teaching of the courses. If the feedback belongs to a subject handled by the Head of the Department, then the same shall be scrutinized by the Dean (Academics). Results will be withheld for those students who have not submitted the feedback.

4.P. Credit Transfer and Online (MOOC) courses

- 4.P.1. Within the broad framework of these regulations, Dean Academics on the recommendation of the concerned DAC may permit students to earn part of the credit requirements in other institutes of repute and status in the country or abroad.
- 4.P.2 Student can register for online (MOOC) courses against an elective (PE and/or OE) as per the approved Scheme of the programme based on the recommendation of DAC and approval of the Head of the Department. Credits will be earned only when such courses are of minimum 40 hours' duration and are evaluated by the agency offering the online course. Corresponding institute grades will be decided by the DAC. The Online (MOOC) courses must be from renowned sources and recognized by the respective DAC.
- 4.P.3 In case the an online course is not evaluated(no grading provided) or the grading provided cannot be mapped as per clause 4.G.3, the students will have to appear in examination conducted by the department for evaluation. The DAC will appoint a faculty to guide and evaluate such student.

Ordinance & Regulations (B. Tech. Programs)

4.Q Permanent Withdrawal

Once the admission for the year is closed, the following conditions govern for permanent withdrawal of admissions:

- 4.Q.1 A student, who wants to leave the Institute for good, will be permitted to do so, only after clearing all the dues, if any. Also, all the fees and charges already paid by him/her will not be refunded on any account.
- 4.Q.2 Those students who have received any scholarship, stipend or other forms of assistance from the Institute shall repay all such amounts.
- 4.Q.3 The decision of the Director and Chairman, Senate regarding all aspects of withdrawal of a student shall be final and binding.

4.R Change of Branch

A student admitted to a particular branch of the B. Tech. programmes will normally continue studying in that branch till completion of degree. However, the Institute may permit a student admitted as per guidelines of MHRD, Govt. of India, to change branch at the end of the first two semesters, provided vacancies exist in such branches. Rules for change of branch is given in Annexure-I.

4.S Rules to Deal with Academic Malpractices and Misconduct

- 4.S.1 Every student of the institute is expected to maintain highest level of integrity and honesty in academics befitting the student of an institute of national importance. Rules to deal with unfair means (UFM) adopted by a student is given in Annexure –IV.
- 4.S.2 Any misconduct not related to academics or not covered under UFM rules, will be dealt by the institute and the corresponding punishment pertaining to academics will be binding on the student.

4.T Power to Modify

- 4.T.1 Notwithstanding all that has been stated above, the senate of the institute, has the right to modify any or all the above rules and regulations from time to time.
- 4.T.2 In emergency situations, the Director in capacity of the Chairman Senate, can exercise powers of the Senate and discharge the functions of the Senate. Such decisions must be reported to the Senate in its next meeting.

Regulations for Change of Branch after Second Semester

1. Student admitted to a particular branch of the B. Tech. course will normally continue studying in that branch till completion. However, in special cases the Institute may permit a student, admitted through JEE Main to change from one branch to another after the first two semesters. Such changes will be permitted, strictly in accordance with provisions laid down hereafter.
2. Only those students will be eligible for consideration for change of branch after the second semester, who havea.
 - a. Completed all the credits prescribed in the first two semesters.
 - b. Obtained a CGPA/CPI of not less than 7.5 at the end of second semester in one single attempt only.
3. Repeaters are not eligible to take part in this process.

Ordinance & Regulations (B. Tech. Programs)

4. Depending on the vacancies Dean, Academic Affairs may issue a notification inviting application for change of branch from the intending eligible students.
5. Change of branch shall be made strictly on the basis of inter se merit of the applicants. For this purpose CPI obtained in second semester by the applicant shall be considered. Ties will be resolved by the AI rank of the applicants in JEE Main.
6. As prescribed in the scheme of studies of Ist & IInd Semester, if a student belonging (say) 'X' branch slides (say) to 'Y' branch, then he/she will have to register in all those branch-specific Basic Engineering subjects which were offered to his counter parts in 'Y' branch in their first year. This is necessary for a student whose branch has been changed to complete the requirement for branch 'Y'. In doing so, a slided student can register for at the most two subjects (as per the requirement) offered in first year of branch 'Y' in the 3rd semester of his changed (slided) branch. In case, the students has to register for three additional subjects, he/she shall register for two subjects in third semester and shall register for the third subject in fourth semester compulsorily. For such cases, the maximum credit limit per semester for 3rd and 4th will be 34 credits. For such subjects, the students have to secure E or higher grade, and the same won't be considered for calculation of CPI, SPI or determining eligibility for B.Tech (Hons.) and B.Tech with distinction.
7. The applicants may be allowed a change of branch, strictly in the order of merit, subject to the condition that the student strength in a particular branch from which transfer is made, does not fall below 60% of the sanctioned strength.
8. If a student is denied change of branch due to above reason, no other student with lesser CPI should be permitted for change of Branch.
9. All changes of branch made in accordance with the above rules will be effective from the third semester of the applicants concerned. No change of branch shall be permitted thereafter.
10. All changes of branch will be final and binding on the applicants. No student will be permitted under any circumstances to refuse the change of branch offered.

CONSTITUTION & FUNCTIONING OF
DEPARTMENTAL ACADEMIC COMMITTEE (DAC)

Constitution

- Chairperson - Ex officio Head of the department
- Convener - Any faculty member of department nominated by Chairperson
- Member - i) Three faculty members of the department preferably senior faculty of the department.
ii) One faculty member from outside the department.
- Student Member - One student from pre final year with good academic record.
- External Member - One from other NIT/IIT/IISC/ISI/Reputed Institute and one from Field/Industry

- Members from the department may be less than three, in case three faculty members are not available in the department.
- All the members of the committee will be nominated by the head of the department in consultation with the faculty members.
- Chairperson may invite any other faculty member in a particular meeting as a invitee member, if need rises.
- In a meeting, where matter is related to PG course, one senior faculty member of the concerned specialization should be called in the meeting as a invitee member.
- Two separate panels of external members should be prepared, one from academic institute & others from field/industries. Any one member from each of these panels may be called as per need.
- External members will only be called in case of introduction/removal/modification of the courses and development of the course.
- Students may not be allowed in a meeting of confidential nature.

QUORUM

Convener and Chairperson of DAC will make every efforts so that all members attend the meeting. However, to hold the meeting quorum will be 2/3rd of due members.

FUNCTIONS

- To monitor the conduct of all courses of the department including PG courses (if any).
- To ensure & suggest suitable measures for academic excellence of the courses offered by the department.
- To develop the curriculum (syllabus, scheme) for the UG and PG courses offered by the department and recommend the same to the Senate. To propose modification in the existing ordinance, if necessary.
- To propose new courses or closer of existing courses.
- To recommend the semester result to Dean(Academic) for declaration.
- To take up any responsibility or function assigned by the senate.
- Committee may recommend any academic matter for its inclusion in the senate meeting.
- To obtain feedback of the performance appraisal of the course instructor from the students in the prescribed format.

TENURE OF THE COMMITTEE

The tenure of members will be of two years.

DUTIES/RESPONSIBILITIES OF THE CHAIRPERSON

- To nominate convener and all members of the committee and send the names to Dean (Academic).
- To ensure that the meeting of the committee is called regularly and recommendation of the committee are complied with after approval of competent authority.

DUTIES/RESPONSIBILITIES OF THE CONVENER

- To call the meeting at least once in a calendar month and whenever necessity arises.
- To call the meeting immediately after the semester result is prepared for recommending it for declaration.
- To document the minutes of the meeting and communicate recommendations to Dean (Academic) through Chairperson.

CONSTITUTION & FUNCTIONING OF
DEPARTMENTAL GRIEVANCE COMMITTEE (DGC)
(Applicable for all degree awarding departments)

Constitution

- Chairperson - Ex officio Head of the department
- Convener - Convener of DAC will be the convener of Grievance Committee
- Member - i) Three faculty members of the department who are member of DAC from department.
ii) One faculty member from outside the department, who is member of DAC.

- Members from the department may be less than three, in case three faculty members are not available in the department.
- All the members of the committee will be nominated by the head of the department in consultation with the faculty members.
- Chairperson may invite any other faculty member in a particular meeting as a invitee member, if need rises.
- In a meeting, where matter is related to PG course, one senior faculty member of the concerned specialization should be called in the meeting as a invitee member.

QUORUM

Convener and Chairperson of Grievances Committee will make every efforts so that all members attend the meeting. However, to hold the meeting quorum will be 2/3rd of due members.

FUNCTIONS

- To receive issues and grievances/complaints in writing from the students regarding shortage of attendance, admission, detention, examination and other academic activities and make recommendation suitably.
- To receive grievances/complaints in writing from the students regarding anomaly in award of marks/grades due to bias, victimization erratic evaluation etc. and redress the complaints.
- To interact with the concerned course teacher/question paper setter and student separately in the case of complaints as mentioned in point no. 2 above. Finally suitable recommendation shall be

TENURE OF THE COMMITTEE

The tenure of members will be of two years.

DUTIES/RESPONSIBILITIES OF THE CHAIRPERSON

- To nominate convener and all members of the committee and send the names to Dean (Academic).
- To ensure that the meeting of the committee is called regularly and recommendation of the committee are complied with after approval of competent authority.

DUTIES/RESPONSIBILITIES OF THE CONVENER

- To call the meeting whenever necessity arises.
- To document the minutes of the meeting and communicate recommendations to Dean (Academic) through Chairperson.

Ordinance & Regulations (B. Tech. Programs)

Program Structure

The structure of B.Tech. Programmes shall have Essential Program Requirements (EPR), Programme Core (PC), Elective Courses (PE and OE) and Programme Laboratory Requirements (PLR) as follows:

Essential Program Requirements:

S. No.	Course Name	No. of Courses	Max. Credits
1.	Mathematics	4	16
2.	Physics*	2	8
3.	Chemistry*	1	4
4.	Professional Ethics/Value Education	1	1
5.	Communication Skills	1	4
6.	Ecology and Environment*	1	4
7.	Engineering Practice [#]	1	2
8.	Basic Engineering* [#]	3	12
9.	Computer Courses*	1	4
10.	Training/Internship	2	3
11.	Project work	1	4
12.	Extra Academic Activity	2	1
	Total	15 (Excluding S. No. 10, 11 and 12)	63

* Including Lab

* Branch Specific

Programme Core Requirements (PCR):

Number of Core courses: 17 (Minimum)

Number of credits: 68

Elective Course Requirements:

Number of Programme electives (PE): 6 (Minimum)

Number of Credits for Programme Electives: 18

Number of Open electives (OE): 5 (Minimum)

Number of Credits for Open Electives: 15

Programme Laboratory Requirements (PLR):

Number of Programme Laboratories: 9 (Minimum)

Number of Credits: 9

The above distribution of the EPR, PCR, PE, OE and PLR can be modified with the approval of the Senate.

List of Penalties for Different Types of Cases under UFM

Category of offence	Offence(s)	Penalty
A	Recovered material not related to the subject or found writing something on the question paper,	Issue of warning not to repeat the same
B	Relevant material written by the candidate on any part of body, wall, door of the room, table/ desk, other devices used by the candidate. OR Recovered matter related to the subject found on person of the candidate whether used or not used for writing answer(s) OR The candidate is copying from copy of other candidate and/or helping others to copy OR Carrying electronic gadgets in the examination hall which are not explicitly allowed OR Candidate is caught with a material which he/she has chewed or swallowed or torn into pieces and the candidate refuses to sign the documents OR Replacement of Answer Sheet, exchange of Answer Sheet with other student, addition of extra pages in the Answer Sheet, smuggling of Answer Sheet/pages.	Award of F grade in the concerned paper of current examination. If the current examination happens to be the supplementary exam then F grade will imply R grade.
C	Manhandling with staff on duty or creating disturbance in the examination hall/center.	Award of F grade in all the subjects in the current examination. If the current examination happens to be the supplementary exam then F grade will imply R grade.
D	Carrying the answer sheet away from the examination hall. OR Impersonation	Award of R grade in all the subjects in the current examination and debarring for immediate next semester from academic activities. The period for which the student is debarred, would be considered for calculating the maximum stipulated time (seven years) for completing the program.
E	Two times indulgence in any of the category of offence specified in the UFM rules except Category A.	Award of R grade in all the subjects in the current examination and debarring for immediate next semester from academic activities. The period for which the student is debarred, would be considered for calculating the maximum stipulated time (seven years) for completing the program.
F	More than two times indulgence in any of the category of offence specified in the UFM rules except category A	Award of R grade in all the subjects in the current examination and debarring from the Institute for a period of one and a half years. The period for which the student is debarred, would be considered for calculating the maximum stipulated time (seven years) for completing the program.
G	Any other UFM case not covered under the above categories.	As decided by the committee on case-to-case basis.

Dean Academics

Academic Calendar



राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर
National Institute of Technology Raipur

(An Institute of National Importance)
G.E. Road, Raipur, 492010, C.G. India
Phone : 0771-2252700, Fax : 0771-2253155
E-mail : deanacad@nitrr.ac.in, Website : www.nitrr.ac.in

No./NITRR/Dean (Academics)/2019/

Date: 11.07.2019

TENTATIVE -ACADEMICS CALENDAR
(For B. Tech./B. Arch.-First Semester)
(AUTUMN SEMESTER 2019)

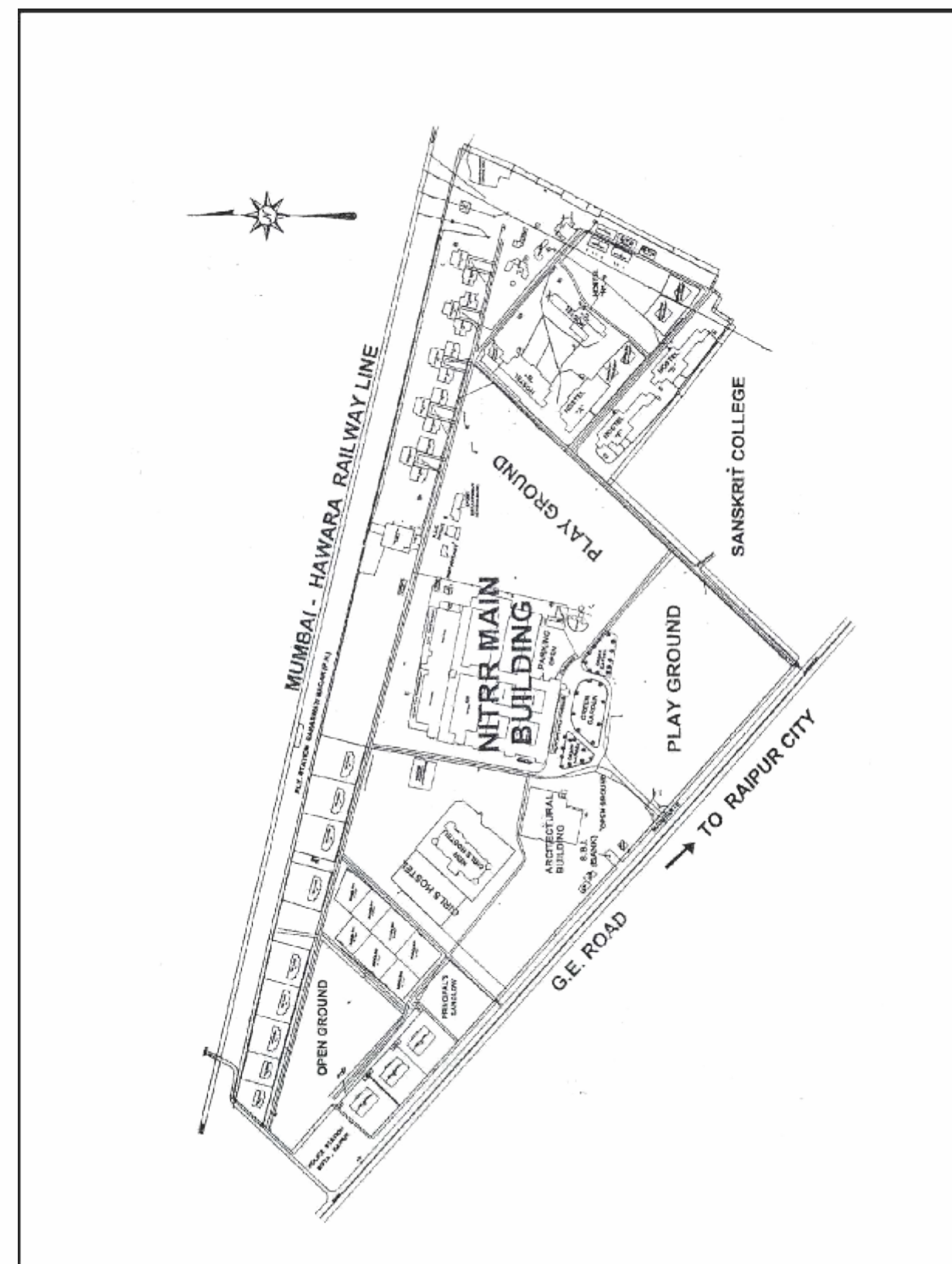
- | | | |
|---|---|--------------------------|
| ▪ Commencement of Induction Program&Classes | : | 25/07/2019 |
| ▪ Mid-Semester Exam on | : | 23/09/2019to 27/09/2019 |
| ▪ Semester Break (Only for Students) | : | 05/10/2019 to 13/10/2019 |
| ▪ Declaration of Provisional Detention List | : | 18/10/2019 |
| ▪ Last Date for Submitting Appeal against detention | : | 21/10/2019 |
| ▪ Declaration of Final Detention List | : | 05/11/2019 |
| ▪ Class Ends on | : | 08/11/2019 |
| ▪ Student Feedback Activity | : | 01/11/2019 to 09/11/2019 |
| ▪ End Semester Exam Including Practical Exam | : | 11/11/2019to 29/11/2019 |
| ▪ Showing of Answer Book | : | On or Before 03/12/2019 |
| ▪ DAC to analyse the result &finalize the grades | : | 04 and 05/12/2019 |
| ▪ Declaration of Result | : | 06/12/2019 |
| ▪ Registration in Spring 2019 | : | 09 and 10/12/2019 |
| ▪ Commencement of classes of Spring 2019 | : | 11/12/2019 |
| ▪ Winter Vacation | : | 23/12/2019 to 01/01/2020 |


Dean (Academics)
NIT Raipur

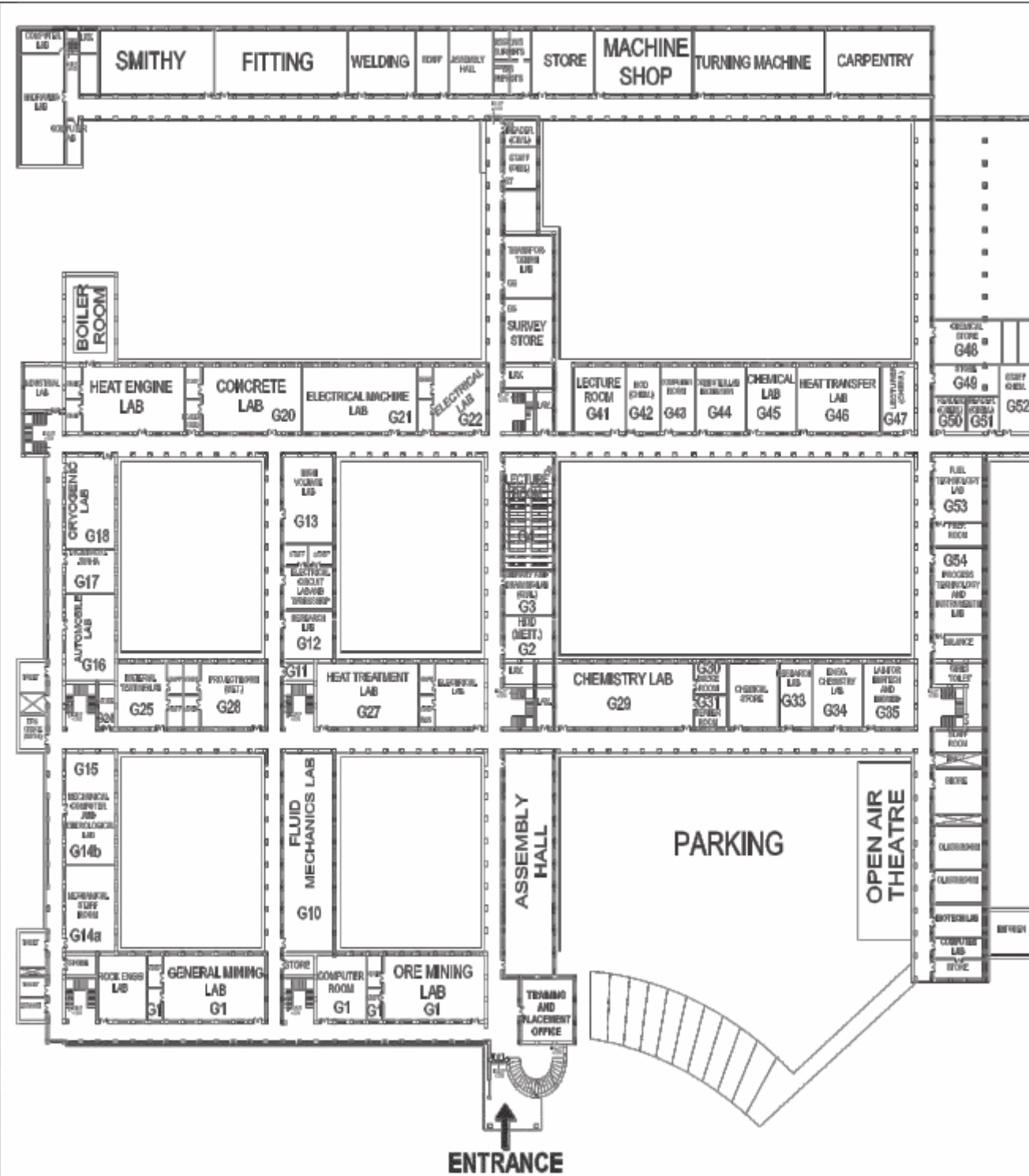
Copy to:-

- All Deans, All HoDs for circulation among staff and display it on Notice Board, Registrar, P/S to Director, All Hostel Warden for display it on hostel Notice Board, Student Section, Exam Cell, Account Office, Web Master to upload on institute website.
- It is expected that all Students would study and understand the B.Tech/B.Arch ordinance (as applicable to them) given at <http://nitrr.ac.in/ordinances.php>.

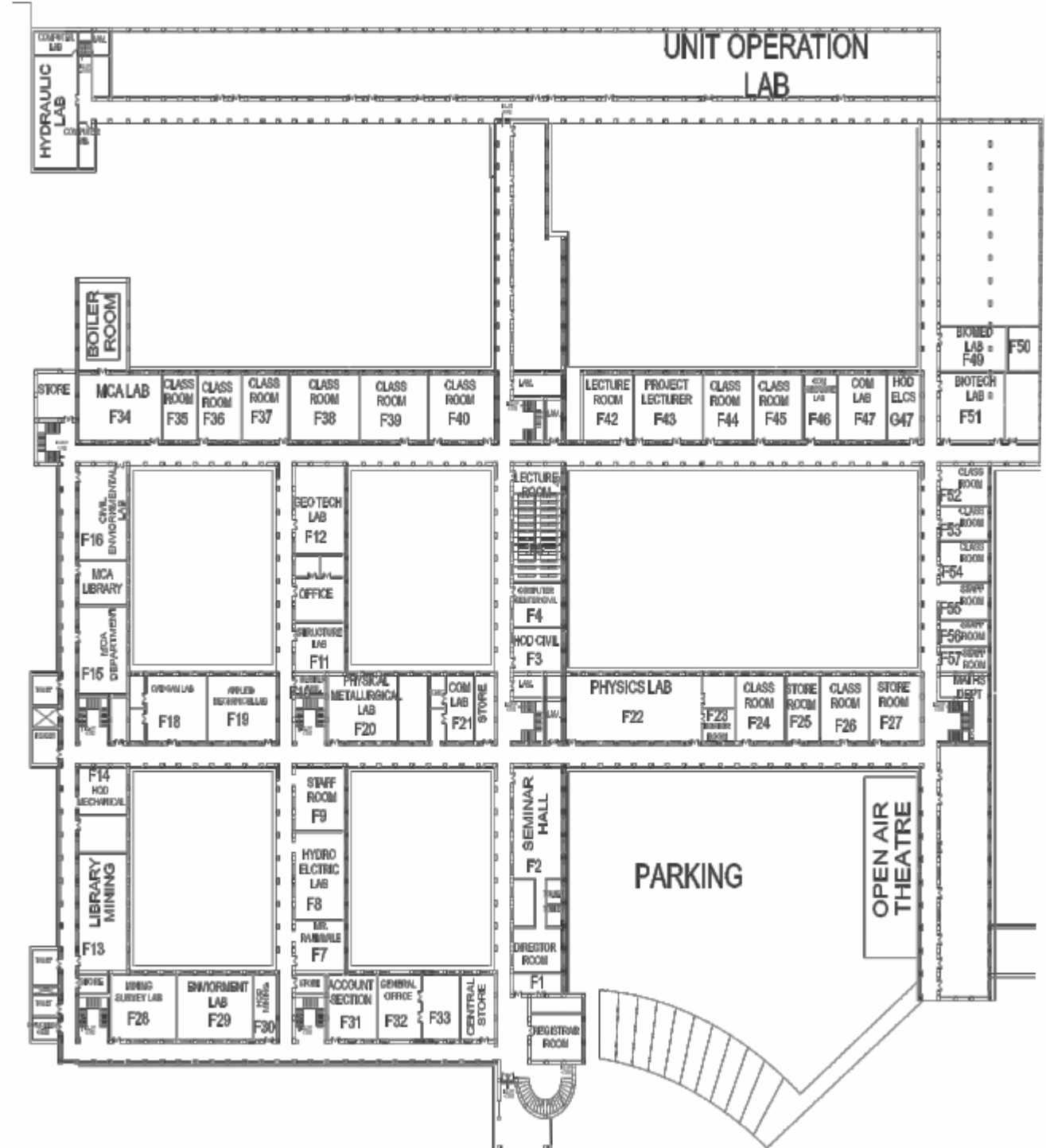
Site Plan of Campus



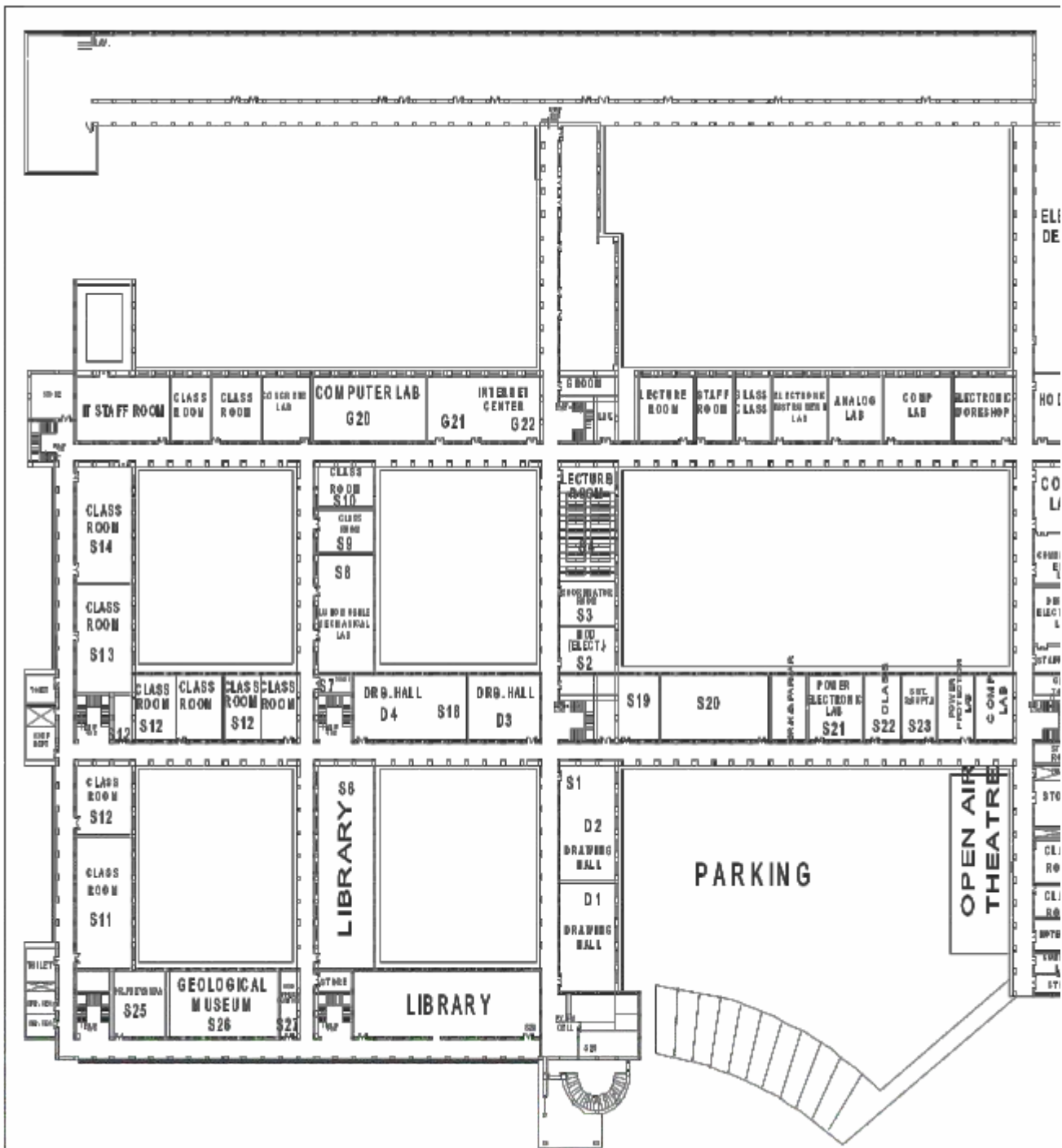
Ground Floor Plan of Institute's Main Building



First Floor Plan of Institute's Main Building



Second Floor Plan of Institute's Main Building



NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE : BIO MEDICAL BRANCH (Section-A)

B. Tech First Semester Session: July-December 2019
With Effective From : 05-08-2019

Time-Table

Period	I	II	III	IV	RECESS		V	VI	VII	VIII
Time	09.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	03.05-3.55	03.55-04.45	04.45-05.35
MONDAY	Physics - II LAB		Env. Ecology LAB							
TUESDAY	Basic Biomedical Engg	Math- II	Physics- II	Data Structure						
WEDNESDAY	Computer Programming LAB (Gr 1)		Computer Programming LAB (Gr 2)							
THURSDAY	Env. Ecology	Math- II	Data Structure	Physics-II						
FRIDAY	Basic Biomedical Engg	Computer Programming	Physics-II	Env. Ecology						

ROOM NO.- F-36

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: CHEMICAL BRANCH (Section C)

B. Tech First Semester Session: July-December 2019
With Effective From : 05-08-2019

Time-Table
ROOM NO.- F-35

Period	I	II	III	IV	RECESS		V	VI	VII	VIII
Time	09:15-10:05	10:05-10:55	10:55-11:45	11:45-12:35	12:35-1:25	1:25-2:15	2:15-3:05	03:05-3:55	03:55-04:45	04:45-05:35
MONDAY	Env. Ecology	Math- II	Physics- II	Data Structure						
TUESDAY	Computer Programming	Env. Ecology	Physics- II	Data Structure						
WEDNESDAY	Physics- II Lab (Gr 1) Env. Ecology LAB (Gr 2)		Physics- II Lab (Gr 2) Env. Ecology LAB (Gr 1)							
THURSDAY	Engineering Mechanics	Math - II	Env. Ecology	Physics- II	Engineering Mechanics Lab (Gr1) Data Structure LAB (Gr 2)					
	Engineering Mechanics Lab (Gr2) Data Structure LAB (Gr 1)									
FRIDAY	Computer Programming LAB(Gr1)		Computer Programming LAB (Gr 2)				Math- II	Computer Programming	Data Structure	

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: BIO TECHNOLOGY BRANCH (Section-B)

B. Tech First Semester Session: July-December 2019
With Effective From : 05-08-2019

Time-Table
ROOM NO. - D1

Period	I	II	III	IV	RECESS		V	VI	VII	VIII
Time	09:15-10:05	10:05-10:55	10:55-11:45	11:45-12:35	12:35-1:25	1:25-2:15	2:15-3:05	03:05-3:55	03:55-04:45	04:45-05:35
MONDAY	Env. Ecology LAB		Physics - II LAB							
TUESDAY	Physics- II	Env. Ecology	Math - II	Basic Bio Science						
WEDNESDAY	Computer Programming	Math - II	Basic Bio Science	Physics- II						
	Computer Programming LAB (Gr-1)									
THURSDAY	Computer Programming LAB (Gr-1)		Computer Programming LAB (Gr-2)							
FRIDAY	Computer Programming	Data Structure	Physics- II	Env. Ecology						
					Basic Bio Science	Math - II	NCC/NSS			

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: MINING ENGG. (Section E)

B. Tech First Semester Session: July-December 2019
With Effective From : 05-08-2019

Time-Table

ROOM NO.- S-17

Period	I	II	III	IV	RECESS		V	VI	VII	VIII
Time	09.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	03.05-3.55	03.55-04.45	04.45-05.35
MONDAY	Env. Ecology	Math- II	Basic Electrical Engg	Physics- II						
TUESDAY	Computer Programming LAB (Gr1)		Computer Programming LAB (Gr 2)							
WEDNESDAY	Basic Electrical Engg	Computer Programming	Env. Ecology	Physics- II						
THURSDAY	Computer Programming	Math - II	Physics-II	Engineering Mechanics						
FRIDAY	Physics-II Lab (Gr 1) Env. Ecology LAB (Gr 2)		Physics-II Lab (Gr 2) Env. Ecology LAB (Gr 1)							

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: CIVIL BRANCH (Section D)

B. Tech First Semester Session: July-December 2019
With Effective From : 05-08-2019

Time-Table

ROOM NO.- FN-2

Period	I	II	III	IV	RECESS		V	VI	VII	VIII
Time	09.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35
MONDAY	Computer Programming LAB (Gr 1)		Computer Programming LAB (Gr 2)							
TUESDAY	Math- II	Env. Ecology	Engineering Mechanics	Engineering Mechanics						
WEDNESDAY	Computer Programming	Math- II	Physics-II	Env. Ecology						
THURSDAY	Physics- II Lab (Gr 1) Env. Ecology LAB (Gr 2)		Physics- II Lab (Gr 2) Env. Ecology LAB (Gr 1)							
FRIDAY	Engineering Graphics Lab (Room: D-3 and D-4)									

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Electrical Engg. (Section G)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

Time-Table										ROOM NO.- S-22	
PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII	
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35	
MONDAY	Maths I	Basic Electrical Engg.	Commun. Skill	Physics	RECESS		Value Education B2 (S-22)				
TUESDAY	Basic Electrical Engg.	Commun. Skill	Maths I	Chemistry	RECESS		Electrical Engg. Lab B1 Library B2		Electrical Engg. Lab B2 Library B1		
WEDNESDAY	Commun. Skill	Maths I	Physics	Chemistry	RECESS		Physics Lab B1, Chemistry Lab B2		Chemistry Lab B1, Physics Lab B2		
THURSDAY	Yoga & Health B1 Commun. Skill, Lab B2				RECESS		Workshop				
FRIDAY	Physics	Basic Electrical Engg.	Maths I	Chemistry	RECESS						
S-22											

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: C.S.E. (Section F)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

Time-Table										ROOM NO.- FN-4	
PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII	
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35	
MONDAY	Commun. Skill	Physics	Chemistry	Maths I	RECESS		Yoga & Health A1 Commun. Skill, Lab A2		Yoga & Health A2 Commun. Skill, Lab A1		
TUESDAY	Physics Lab A1 Chemistry Lab A2		Chemistry Lab A1 Physics Lab A2		RECESS		Maths I	Physics	Chemistry	Commun. Skill	
							FN-4				
WEDNESDAY	Workshop				RECESS		Maths I	FN-4			
THURSDAY	Engineering Graphics (Theory)			Engg. Graphics Lab		RECESS					
	D3 & D4										
FRIDAY	Commun. Skill	Physics	Maths I	Chemistry	RECESS		Value Education (FN-4)		Library		
	FN-4										

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Information Technology (Section I)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

Time-Table											ROOM NO.- SN-2	
PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII		
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35		
MONDAY	Physics	Commun. Skill	Maths I	Chemistry	RECESS		Physics Lab D1, Chemistry Lab D2	Chemistry Lab D1, Physics Lab D2				
TUESDAY	Engg. Graphics (Theory)			Engg. Graphics Lab	RECESS			Value Education				
								SN-2				
	D3 & D4											
WEDNESDAY	Maths I	Physics	Commun. Skill		RECESS			Workshop				
SN-2												
THURSDAY	Maths I	Physics	Chemistry		RECESS			Yoga & Health D1 Commun. Skill, Lab D2		Yoga & Health D2 Commun. Skill, Lab D1		
	SN-2											
FRIDAY	Commun. Skill	Maths I	Chemistry		RECESS			Library				
	SN-2											

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Electronics & Communication Engg. (Section H)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

Time-Table											Room No. SN-4	
PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII		
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35		
MONDAY	Commun. Skill	Basic Electrical Engg.	Physics	Maths I	RECESS							
	SN-4											
TUESDAY	Commun. Skill	Physics	Maths I	Chemistry	RECESS		Physics Lab C1 Chemistry Lab C2		Chemistry Lab C1 Physics Lab C2			
	SN-4											
WEDNESDAY	Yoga & Health C1 Commun. Skill, Lab C2		Yoga & Health C2 Commun. Skill, Lab C1		RECESS		Basic Electrical Engg. Lab C1 Library C2		Basic Electrical Engg. Lab C2 Library C1			
THURSDAY	Physics	Maths I	Basic Electrical Engg.				Chemistry	RECESS		Value Education (SN-4)		
FRIDAY	SN-4				RECESS		Workshop					
	Maths I	Basic Electrical Engg.	Commun. Skill	Chemistry								
SN-4												

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Metallurgical & Materials Engg. (Section K)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35
MONDAY	Yoga & Health F1 Commun. Skill, Lab F2		Yoga & Health F2 Commun. Skill, Lab F1		RECESS		Workshop			
TUESDAY	Commun. Skill	Maths I	Chemistry	Physics	RECESS					
WEDNESDAY	Maths I	Engg. Graphics (Theory)		RECESS		Engg. Graphics Lab				
	F-37	D3 & D4				D3 & D4				
THURSDAY	Physics	Commun. Skill	Chemistry	Maths I	RECESS		Value Education		Library	
	F-37						F-37			
FRIDAY	Commun. Skill	Maths I	Chemistry	Physics	RECESS		Physics Lab C1, Chemistry Lab C2		Chemistry Lab C1, Physics Lab C2	
	F-37									

Time-Table

Room No. F-38

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Mechanical Engg. (Section J)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35
MONDAY	Basic Electrical Engg.	Commun. Skill	Maths I	Chemistry	RECESS					
TUESDAY	Basic Electrical Engg.	Physics	Maths I	Chemistry	RECESS		Workshop			
	F-38									
WEDNESDAY	Physics	Commun. Skill	Maths I	Chemistry	RECESS		Value Education E2 (F-38)			
THURSDAY	Commun. Skill	Physics	Basic Electrical Engg.	Maths I	RECESS		Physics Lab E1, Chemistry Lab E2		Chemistry Lab E1, Physics Lab E2	
	F-38									
FRIDAY	Yoga & Health E1 Commun. Skill, Lab E2		Yoga & Health E2 Commun. Skill, Lab E1		RECESS		Basic Electrical Engg. Lab E1 Library E2		Basic Electrical Engg. Lab E2 Library E1	

NATIONAL INSTITUTE OF TECHNOLOGY RAIPUR
TIME TABLE: Combined (Section L)

B. Tech. First Semester July-December 2019
With Effective From : 05-08-2019

Time-Table

Room No. SN-3

PERIOD	I	II	III	IV	RECESS		V	VI	VII	VIII		
TIME	9.15-10.05	10.05-10.55	10.55-11.45	11.45-12.35	12.35-1.25	1.25-2.15	2.15-3.05	3.05-3.55	3.55-4.45	4.45-5.35		
MONDAY	Engineering Graphics Theory & Lab (CS, IT, Meta)-Room D3 & D4											
	Basic Electrical Engg. (Elect, EC,ME)		BEE Lab for Elect, EC, ME		RECESS		Library					
	SN-3											
TUESDAY	Commun. Skill	Chemistry	Maths I	Basic Electrical Engg. (Elect, EC,ME)	RECESS		Commun.Skill Lab Elect, EC, ME Yoga & Health for CS, IT, Meta		Commun.Skill Lab CS, IT, Meta Yoga & Health for Elect, EC, ME			
	SN-3											
WEDNESDAY	Physics	Commun. Skill	Chemistry	Maths I	Physics Lab G1 Chemistry Lab G2							
	SN-3											
THURSDAY	Commun. Skill	Maths I	Chemistry	Physics	Physics Lab G2 Chemistry Lab G1							
	SN-3											
FRIDAY	Workshop				RECESS		Physics		Value Education (SN-3)			
							Maths I					
					SN-3							