The Student Media Body of NIT Rourkela

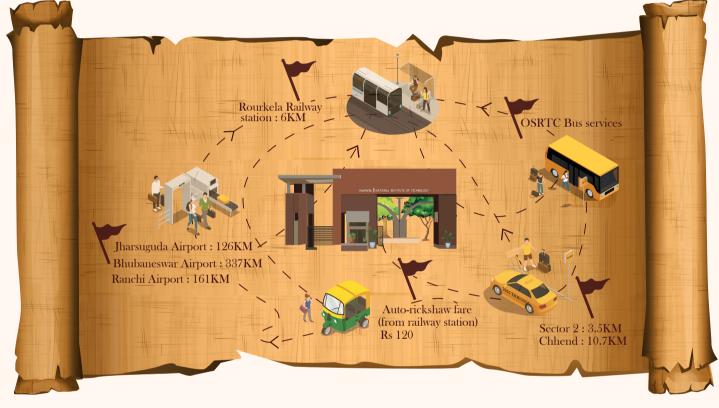
Integrity • Humility • Righteousness

A Convoy Through the Fabled NIT Rourkela

Hey there! Welcome aboard to National Institute of Technology Rourkela, or should I say, to your very own sultanate. The campus of NIT Rourkela is grandiose and colossal. But I find you to be a bit anxious and confused. Don't worry, for I am your genie, ever inclined to help you out. Well, you can call me Monday Morning. With more than a decade long camaraderie with NIT Rourkela, I assure you that this journey of yours will be as enthralling as if you were on a magic carpet and having a tour in the skies of Agrabah (referred here to NIT Rourkela).

camel backs because the city consists of 21 sectors, is well connected with 16km long Ring Road with a number of bus services, railway junction on the Howrah-Mumbai line, and a private licensed airport. The streets of Rourkela witness fabled bazaars like the Sector-2, Ispat Market, Ambagan, and the Kachery road.

Adorning the heart of Rourkela 'where you wander among every culture' is NIT Rourkela. The 1024 acre campus located in Sector-1 to the south-eastern corner of the city is embel



NIT Rourkela holds the position of the third-best NIT among all the NITs in India. With a NIRF ranking of 16, this institute has been successful in fulfilling its objective and demands of its students, just like Aladdin stood true to his promises. Now, let's climb up on the magic carpet and have a look at what makes NIT Rourkela the best place for engineering!

THE MYSTICAL LAND OF MARVEL AND

Ispat Nagar aka Steel city aka Smart city, so how many names do you have Rourkela? The city located in the north-western part of Odisha was established in 1954 and is a perfect confluence of city living and a nature retreat. Being a hilly terrain, the city is dotted with luscious forests, waterfalls, rivers-Koel, Sankha, Brahma ni which makes it a great destination for being in the wilderness. Don't worry about riding on

lished with lush green trees and surrounding hills, and houses hostels, utility-stores, restaurants, faculty residences and sports facilities with the academic area in the middle.

THE MAP TO THE 'WONDERLAND'

"Aladdin! Hello, Aladdin, nice to have you on the show. Can we call you Al, or maybe just Din? Or how about Laddie?" For reaching your wonderland, you have-the railways and road ways to ease your commutation to and fro Rourkela.

YOUR SOJOURN IN AGRABAH

Before you are allotted a Hall of Residence, you might find boarding and lodging facilities handy. Many hotels, lodges, and inns, spread over Rourkela for yo<mark>u to c</mark>omfo<mark>rtab</mark>ly stay after tiring journeys and long commutes. There is also an on-campus guest house which requires prior booking but has the advantage of making your commutes brief and accessible.

Food Joints At NITR

Day and night canteens

You can find varieties of chips, chocolates, cakes. You can also order some tasty food at a very reasonable amount

Hexagon

Situated in front of GDB Hall of Residence, caters to your love for junk food, especially Chinese food.

Moksha Express

The restaurant on-campus with sophisticated cuisines that would make you fall in love with the place's food and ambience.

Dosa Plaza

Well, a sigh of relief for all the vegetarians. People, you have a pure vegetarian restaurant on-campus in front of the SD Hall of Residence.

Rengcol

A food joint in the academic area near SAC. This place has to offer you South Indian food primarily. The coffee here is a must-try.

Srinivas Lunch Room

An ambient food joint where you can enjoy your lunch and enjoy their day's special recipes.

Nescafe

The Nescafe stalls can be found in Lecture Hall Complex-1 and under the banyan tree near the library. These are the perfect places to enjoy your coffee anytime.

Dhobi Ghat

These, situated near the back post gate (in front of HB Hall of Residence), have always proved to be the perfect place for post-lecture or post-dinner hangouts.



Welcome to NIT Rourkela! I would like to first congratulate all the batch of 2020-21 on becoming a part of the rich NIT Rourkela legacy. I heartily appreciate your patience and perseverance that you have borne throughout these testing times to ultimately reach our goal. Though COVID has compelled us to go virtual, I assure you that NIT Rourkela has got a whole lot of surprises awaiting for you on your arrival as we look forward to the day this entire fraternity returns to the campus. NIT Rourkela is amongst the best institutes of the nation and prides itself in producing global leaders and pioneers in the engineering and technology sector. I feel glad to welcome you all and I am sure you will make the best out of the opportunities offered to you by NIT Rourkela in the days to come.

Hon'ble Director Prof Animesh Biswas



STORES AND SUPPLIES AT THE REACH OF A HAND!

Now that you have reached NIT Rourkela let the Genie show you what NITR has to offer for our "Diamonds in the rough" to shine. NIT Rourkela has many on-campus handy retailer stores that carry a wide range of necessary supplies you would require throughout your stay on the campus. Whenever you need anything, don't bother wasting one of your precious wishes as everything is available here!

For starters, every hostel has a shop inside which sells basic stationery like notebooks, pens, etc. Stationeries like these can also be found at 'Rangoli' located amid Scholar's Avenue in front of the Ghanshyam Das Birla (GDB) Hall of Residence; 'JD Enterprises', and 'Students' Book Store' positioned in the academic region. So one

clearly would not find it difficult getting study supplies at any moment. The 'Needs' complex located nearby the Kiran Mazumdar Shaw Hall of Residence also proffers stationary along with grocery, vegetables, salon services, and much more. A dhobi ghat is even present on campus in front of the HB hostel to cater to your laundry needs.

In case you want to do some more shopping, there are many bazaars, like Sector 2 Market-place, Ispat/Ambagan market, VIP Market (Sector 5), and Rourkela Main Market. Whether you are looking for electronics, supermarkets, or branded showrooms, Rourkela has it all!.

Not all days are the same, and so are the nights. Our Aladdin may take some time to get used to mess food. Skipping a meal at a hostel may seem fair sometimes, but who consoles the stomach? The campus has taken great care of your food cravings, and these food points amaze you with absolute lip-smacking cuisines.

The campus has also made sure that Aladdin never runs out of cash.

• An SBI bank is present on the campus.

- There is also an SBI ATM near the GDB Hall of Residence.
- Axis Bank ATM near the Banyan tree.
- There is another SBI ATM near KMS Hall of Residence.

The Genie cannot be present to help out Aladdin every time. You need to be combat-ready to face any situation on your own. Here are a few essential supplies you should possess to survive in this sultanate.

General:

Few of the general things that would come handy for your daily academic activity and commutation to and fro the academic area and hostel include:

- A bicycle for transportation.
- •An emergency light in case of power failures.
- An umbrella and a raincoat.



Personal Utilities: Generally available to purchase in every allotted hostel on the Admission Day. Do not worry about your first day onboarding considering the present situation; NIT Rourkela has got your back amidst every situation which would ensure to make your stay safe and comfortable, easing your accessibility to necessary utilities following all the safety protocols.

- Personal mattress and pillow
- A bathroom set including a bucket and mug
- A toiletry kit.

Basic Stationery:

- Scientific Calculator
- Notebooks
- Lab Coat
- Geometry box

Stationery for B.Arch students:

You will also need-

- Architect's Scale
- Drawing Storage Tube
- Adjustable Triangle

Technology and Software:

- A standard laptop with decent RAM and GPU to carry out all kinds of technical work.
- An ethernet cable to connect your laptop to the institute's LAN access wherever available through which you can access the internet, NITRIS portal, and webmail.

THE REPOSITORY OF THE REAL TREASURE: KNOWLEDGE

The academic area in the middle of the campus consists of all the establishments to upskill the 'diamonds in the rough'. Most of the departments flaunt their own department buildings i.e Computer Science, EE & EC, Mechanical, Mining, Ceramic, BM/BT, Chemical, and Food Processing, while departments like Civil, Mathematics, Physics and Astronomy and Life Science harbour their abode in the main building. The colossal Lecture Hall Complex-1 is the building where all the theory classes, some practical classes, orientations, and club inductions will be held. For its bibliophiles, the Biju Central Library offers books,18k+back volumes of periodicals, and more than 5k online journals! In a first of its kind, the Lecture Hall Complex- II offers a high-functioning enclosure of digitalized and jet setting classrooms.

LOOTING THE CHESTS: ALL FOR SOME AND SOME FOR ALL

The swimming pool of NIT Rourkela is an attractive asset. Many memories are going to be built around the Bhubaneswar Behera Auditorium (BBA)- the long auditorium cum audio-visual theatre. For the provision of mail services, the campus houses a post office. Adding a divine touch and spirituality to the aesthetic campus are the various temples on the campus - the Hanuman temple, Shiva Temple and, Sri Rama Temple near the institute substation and Mangala temple near the South block guest house. For the translation of scientific ideas to practical services, by carrying out R&D, product development, limited production, labelling, and marketing, TIIR building is the arcadia.

INTO YOUR MAGICAL PALACES: HALLS OF RESIDENCE

Hello there! Being the second-largest engineering institute in India, NIT Rourkela boasts of encompassing 11 Halls of Residence spread across the campus, 7 for boys, 2 for girls and 2 for married scholars. Every hall is divided into numerous blocks constituting spacious, well-ventilated rooms, properly furnished with modern furniture including bed frames, study tables, chairs, cupboards, tube lights, and ceiling fans, nothing less than a modern-day sultanate palace. In order to make your stay more resourceful, LAN ports are also installed in every room. There are sufficient washrooms and toilets in each block installed with geysers and exhaust fans whose cleanliness and sanitation are ensured with utmost priority on a daily basis. Every hall of residence harbours a well ventilated, state-of-the-art mess that serves four healthy and savoury meals every day; breakfast, lunch, evening snacks and dinner whose menu is updated every semester according to the desires of its boarders. A steady supply of electricity is ensured and water coolers attached to Aqua-guards (purifiers) are also placed in every block and corridor for the provision of potable water. The Halls of Residence also facilitate common rooms, reading rooms, reasonably attractive gymnasium, games rooms and TV rooms as a source of entertainment to enhance the liveliness in your very own palace.

To encourage them to come out with their remarkable talents, the Hall Management Council (HMC) and Hall Executive Council (HEC) also give opportunities to the enthusiasts by organizing several inter/ intra hall tournaments and

competitions that include badminton, cricket, debate, essay writing, etc. Hall days and Garden fests are also organized with provision for flavoursome dishes, disc-jockeys, etc. Hence at NIT Rourkela, we leave none unprepared to win over their obstacles. And for the safety of the boarders, fire extinguishers and a list of emergency contacts are present in every hostel including contact numbers of on-call doctors and electricians.



MAKING AGRABAH VIBRANT: EXTRA-CURRICULAR

Your path to becoming the Sultan won't just have academics. Keeping in mind the need for holistic development in today's era, NIT Rourkela has a wide and exceptional range of extra-curricular activities that help you take a good leap towards learning new skills and pursuing your passion. The club culture of NIT Rourkela is undoubtedly one of the most vibrant and sagacious in the country.

Student Activity Centre (SAC): The most popular and attractive place on the campus, this place is never found deserted. Be it at 5 a.m. or 3 o'clock in the midnight, there is always some hustle in SAC. It comprises of 4 societies, i.e. Literary and Cultural Society, Technical Society, Film and Music Society, and Games and Sports Society.

Sports: NIT Rourkela is the breeding ground for many excellent sportspersons, who have gained accolades in numerous events throughout the nation. Sports infrastructure is one of the bests in the country. Dilip Tirkey Stadium (DTS) is the centre for sports like Football and Hockey; Sachin Tendulkar Sports Complex (STSC) is the hub for Cricket, Kho- Kho and Handball; P.T.



Usha Sports Complex has facilities for sports like Kabaddi, Volleyball, Basketball, and Lawn Tennis. The construction of a new Sports Complex with indoor facilities has also been flagged off recently with the view of it being completed within two years. There are institute teams too. Inter-hall sporting events keep the spirits of the students high.

Club Culture: With a collection of more than 70 clubs, the club culture of NIT Rourkela is one of the bests among any other national institutes. In the evening after a tiring day in classrooms, clubs provide you with a way to have some leisure and explore your skills to utilize them in the best way possible. There is a wide range of genres on which the clubs function, as in; Drama, Dance, Music, Debate, Public Speaking, Art, Photography, Sports, Coding, Robotics, Politics & Economics, etc. Each club has its faculty advisor, activities and contributes to the reputation of the institute by achieving new heights in tournaments at national and international levels.

Fests: The institute organizes five major fests every year: Innovision (Technical), NITRutsav (Literary), Cosmopolitan (Cultural), Vriddhi (Sports) and Roots (creative confluence), apart from numerous club events, which garner huge footfalls of students from not just Odisha and other states, but some neighbouring countries, as well. These times of the year are the most exciting and lively ones. These fests boast of exhilarating DJ shows, EDM nights, Musical pro shows, fun events, and much more.

THE ACADEMIC EDUVENTURES IN AGRA-BAH

Aladdin was well aware of the city demographics of Agrabah which helped him to sustain his livelihood and in later stages defeat the evil Zafar. Similarly, the students of NIT Rourkela should be well versed in the academic structure of the institute to ward off all the challenges thrown towards them. So, let's begin the academic adventure of your fruitful sojourn at NIT Rourkela.

After working hard and clearing the JEE (MAIN) with flying colours, you wish the same success and glory on the academic front during your stay at NIT Rourkela. The well organized academic structure of NIT Rourkela provides you with a headstart over others in terms of knowledge and academic acumen.

The academic curriculum in the first year for all branches and disciplines remain the same, mainly including theory courses along with some lab sessions and each assigned with a certain number of credits. The theory courses will mostly be lecture sessions with tutorial classes (for some specific subjects). There are two examinations in each semester, one is the Mid-semester (30%) and the other is the End-semester (50%), held within a gap of two months. The rest 20% of the marks would be given based on the Teacher's Assessment of the student throughout the semester based on attendance, class participation, tests, quizzes, etc. The timetable for the classes is quite flexible, classes run from 8 AM--5:15 PM with a lunch break from 12 noon to 1:15 PM.

Round the year, many celebrations take place in and around the city of Agrabah celebrating various festivals. Similarly, the academic calendar of NIT Rourkela provides holidays on major festivals and occasions so that the students could celebrate it with their friends and family. Students will be very happy to know that week-long Navaratri holidays are provided after the first Mid-Semester exams are completed so that the students can enjoy and relax and boost up their cylinders for the year ahead. Additionally, the students are provided with two long drawn holidays namely Winter (4 weeks) and Summer (11 weeks) post the End-semester examination. The Academic Timetable is available on the institute website and like Aladdin, you should have tricks up your sleeve to decode it.

NIT Rourkela beats all other NITs hands down with the largest number of courses to specialize in. With a whopping 20 branches of Engineering, Science, Management & Humanities, NIT Rourkela boasts of rich academic acumen. The warriors of Agrabah are trained at the majestic palace by the well-experienced trainers so that they could fend off their enemies easily. The newly constructed Lecture Hall Complex-2 is laced with modern technology that will support you in the educational journey. To maximize your powers and give you proper training, the attendance to the study courses is fixed at 85%. Failing to maintain attendance can result in grade back and debar from a course.

You have the NITRIS, Zimbra Mail and NIT Rourkela's Telegram channel which will ably assist you during your stay in NIT Rourkela. From attendance to results, hostel management, academic calendars, exam routines, and

sitting arrangements, minor degree, and branch change rules; your one-stop solution for all queries is the NITRIS. Zimbra Webmail circulates all official emails of NIT Rourkela. The Telegram channel gives you quick updates about various happenings in NIT Rourkela. There are many sites like NPTEL, Moodle which aid you in your learning process. These sites can be accessed at any time using the Institute LAN equipped in each hostel room.

Did not get the branch of your choice? No worries. If you do not have anything, pretend that you own everything. I have all the mighty powers to procure whatever you want but on the cost of your determination and diligence. The college has minor degrees and branch change policies to offer for your comfort.



BRANCH CHANGE POLICY:

Your praiseworthy academic achievements can also bring you a prospect of grabbing a branch you always desired. Hone yourself to be worthy first, then desire. The treasure of branch change is achievable only by scoring a minimum CGPA of 8.5 in your first year.

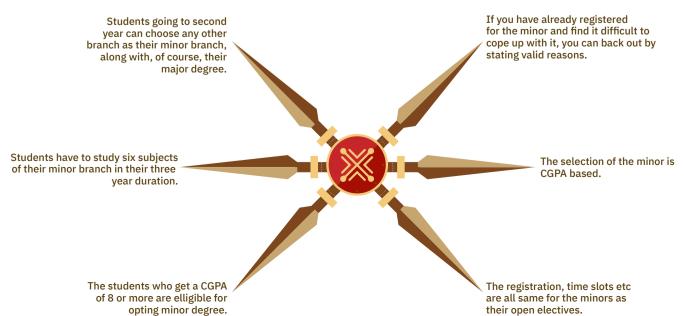
- Based on the vacancy of seats in the branch you desire and vacancies created in the parent branch being less than 5%, you get your wish fulfilled.
- 5% of the vacancy is to be calculated based on existing strength. Decimal figures to be rounded up to the nearest integer (E.g. 1.5 = 2 and 1.49 = 1).
- In the case of a tie in CGPA for allotting Branch Change, the JEE Main rank (CRL) will

CGPA-SGPA CALCULATIONS

In the academic race, your brain has to fly higher and faster than the 'Magical Carpet'. Every examination will decide your aptitude and development towards becoming the Sultan and the way you evaluate it here is the CGPA- SGPA system. Every subject that you study in a semester has a particular number of credits and the total credit for a semester is the sum total of the same.

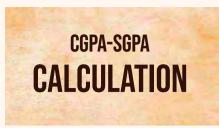
- * SGPA = Σ (grade point * credit of subject) Σ credits of each subject
- **CGPA** $= \underline{\Sigma(SGPA * credit of semester)}$ \(\sum \text{Credit of semester}\)





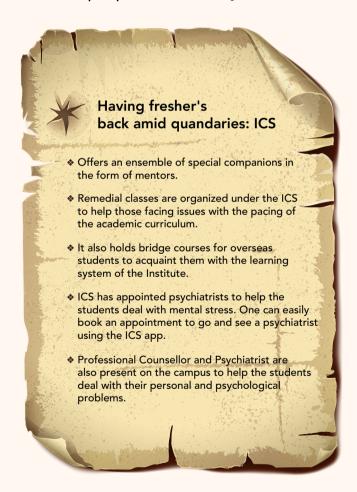
MONDAY MORNING

The following table gives vivid and clear information of grade point that one gets after scoring a particular grade in a subject:-



Grade	Grade point
Ex	10
Α	9
В	8
С	7
D	6
Р	5
F	2

But remember, any problem you face in the mid-way (for this Agrabah of education, NIT Rourkela is new to you), never hesitate or fear from reaching out to your professors or if not, then to the Institute Counselling Services (ICS) members, who will be as supportive and helpful as me. Remember, be cordial to all and you will meet more friends like Abu and Jasmine, and less of people like the nasty, Jafar.



THE PLACEMENTS SAGA

The undergraduates at NIT Rourkela enter their kingdoms (fields of interest) through the long-standing gates of Training and Placement Cell consisting of a group of dedicated Placement Coordinators and Secretaries. The latter work hand in hand to help the students throughout the placement season.

For any help or further info, feel free to contact our Chief Coordinators

- Aditya Tripathi: 7873933061

- Saurav Sahoo: 7077399232

- Tanaya Sahoo: 7381699080

Apart from the mass recruiters, a multitude of top-notch companies visits NIT Rourkela for campus recruitment, handing in lucrative offers to the students. Despite housing 1000+ undergrads, the Institute continues to put up stellar placement records, adding several reputed corporate brands to the growing list of recruiters from the core as well as the non-core sector. Students have also bagged prestigious research internships in India and countries like Germany and Canada through DAAD, MITACS and other programs like Women of Mettle (TATA Steel).

Even though copious students sit for the placements, a considerable number of students go on to quench the thirst of knowledge by pursuing higher education by managing excellent scores in the entrance exams like GATE as high as AIR 2 in the last academic year.

ALUMNI RELATIONS

The strong behavioural foundation laid by Aladdin's parents was the ultimate guiding light likewise, we NITians have a strong alumni body with us. At the end of their academic sessions, the students of NIT Rourkela have always exhibited their exceptional flairs and skills to this dynamic world and also render a source of inspiration to the young minds seeking to accomplish new heights.

The NIT Rourkela Alumni Association, NITRAA, one of the largest alumni organizations of the country, makes every effort to muster all the renowned alumni from all corners of the world. Annual inductions are conducted every year for the graduates of the institute to join the association which grants them a unique window of opportunity of lingering bound with their alma mater. NIT Rourkela has produced many gems who keep the institute's head high by their noteworthy contributions to the society. So, below holds a few well-known alumni who made their alma mater proud.

- · Rahul Shrivastava: IFS and Current Indian Ambassador to Romania.
- Soma Mondal: The first woman Commercial Director of Steel Authority of India Limited (SAIL). Also selected as the Chairman of SAIL.
- · Akash Khurana: COO of NIMBUS and remarkable theatre artist, won the Filmfare Award.
- · Nalini Ranjan Mohanty: Former Chairman and Managing Director of Hindustan Aeronautics Limited (HAL).



MONDAY MORNING: THE GENIE

We, the team Monday Morning, is the student media body of NIT Rourkela. We serve to be the perfect genie to the Aladdin inside you and would definitely try our level best to help you in your journey in this college life. Trying to bridge the gap between the administration and student community, we aim to create an environment of wacky, funny, and full of enthusiasm

Since 2006, Monday Morning has been trying to bring into light all the happenings of NIT Rourkela. A wide variety of articles ranging from the departments to fests, from SAC to success stories, further to providing communication details, Monday Morning does it all. Just as Genie is always ready to help Aladdin out, similarly MM is always just a click away to provide a solution to your chaos and relieve you from your trauma.



Dear Readers, Hope you are doing well in these testing times. On behalf of the entire Monday Morning team, we extend you a warm welcome on becoming a part of the rich legacy of NIT Rourkela. At the same time we feel privileged to present you the fourth edition of NITR 101, a complete guide through your journey at NITR. We hope you had a great reading experience. All the information and facts stated here are in their truest state to the best ability of out reporters, designers and photographers. We appreciate your feedback, comments and queries. Write to us at morning.monday@gmail. Regards **Chief Coordinators**