

FRESHMEN GUIDE'23

watchout



but you've got us

GUIDE











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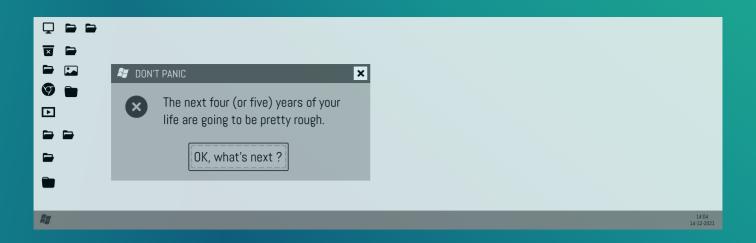
Off Campus Tourism

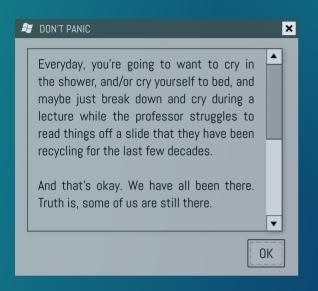
Forget all about the pressure of days

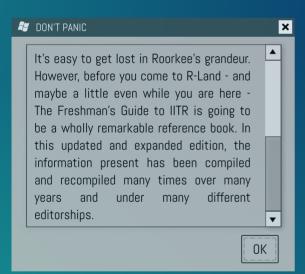
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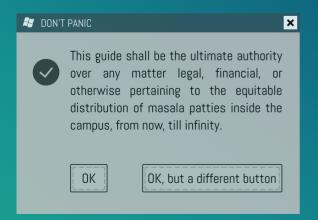
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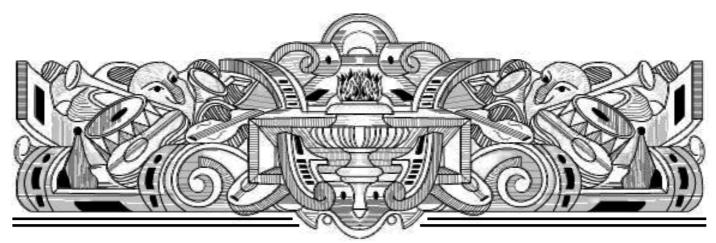


Don't PANIC !!!

Even though Watch Out! is proud to be associated with this guide and for bringing it to its final shape, the exact authorship of this guide remains a mystery. While some believe that this guide is as old as the institute itself, others argue that it originated sometime in 2173 in the future when all of us are dead and this guide is the first document to witness time-travel.

However, Watch Out! knows that none of these speculations are true at all. In fact, no piece of information about the origin of this guide will ever be completely correct, because this guide doesn't exist at all. It is merely a twisted fabric of space and time which has temporarily suspended your grasp on reality. At this very moment, you are experiencing vivid hallucinations of this non-existent guide. Slowly but steadily, words are taking shape exactly the way you want them to. This guide shall tell you only what you need to hear about your new institute- nothing more, nothing less. The entrails of this book shall be debated, argued upon and updated from time to time, but none of this shall ever physically exist anywhere. Even if you ever happen to chance upon a rare copy, it is probably your mind that has gone bonkers.





CHAPTER 1

Introduction

IITR is big. Not as big as you might have thought. But it's big enough to deter you from attending boring lectures at 8 AM. Along with other benefits, we can assure you that the campus will always be more happening than the city outside. Well, probably because there is no city outside. But don't let that worry you; big cities are merely filled with dance and fun - things that no college student would or should want anyway.

The mind bogglingly stupendous institute of ITR was established somewhere around the middle of the 19th century. Although the exact year is mentioned somewhere in the depths of the official website, many archaeologists, historians and marketing analysts claim that the institute is as old as the Indus Valley Civilization. This claim has been rubbished many times by the Archaeological Survey of India but uncertainty remains in the minds of ECE undergraduates who visit the Digital Hardware Laboratory every semester.

The institute finds its roots way back in maybe 1845. It was the time when speaking in a British accent did not make you a try-hard and top hats were very much in fashion, so much so that people dressed up in 3-piece suits just to go have dinner in the Bhawan messes (where they were served in silverware by turbaned waiters). In 1847 the institute was officially established. It was renamed as the Thomason College of Civil Engineering in 1854 in honour of its founder, Sir James Thomason, Lieutenant Governor of the then Northwestern Provinces. Roorkee graduates played an important role in the maintenance of the Ganga Canal, the construction of dams and irrigation projects like Bhakra Nangal, the Rajasthan Canal, the Aswan Dam on the Nile in Egypt, and the construction of Chandigarh. Apart from all of these creations, it is rumored that the engineers of IITR also built the Eiffel Tower, Leaning Tower of Pisa, Great Wall of China, Pyramids of Giza and an unmarked monument on the moon. The number of pictures people upload on their facebook profiles during their foreign internships every year substantiate this rumor.

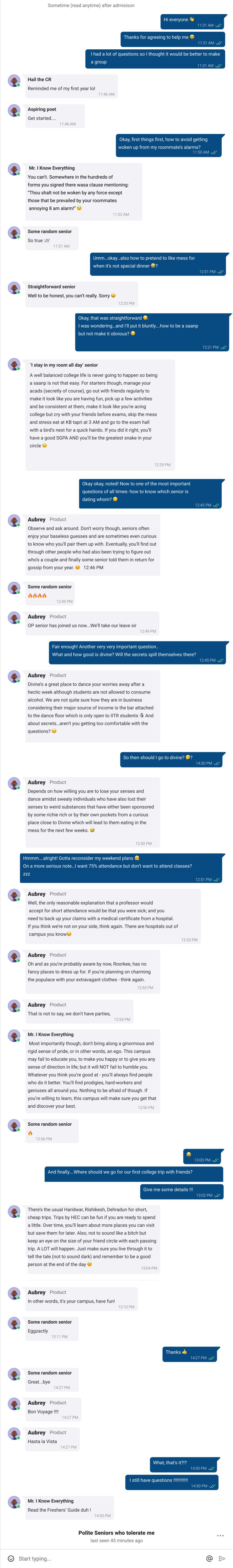
This guidebook aims at presenting an almost unbiased, unadulterated and unprejudiced picture of IITR to the incoming freshmen. You can use this guidebook as follows:

- 1. Read through all the chapters one by one.
- 2. As a reference.
- 3. As an icebreaker in parties when trying to chat with someone you find even mildly attractive.

You must not use it as:

- 1. A textbook.
- 2. Definitely not a textbook.
- 3. Something that you'd want your parents to read.

So buckle up! And get ready to experience firsthand what it is like to be a freshman at IITR.



Acad 101

free download

to read

2023-24

Roorkee,

in

Volume

gravity of your life. Though the power of the gravitational field varies from person to person, it acts as an innocuous motivation to attend the lectures (along with the 75% attendance rule). academic structure in IITR, like its sister IITs, involves a credit based approach towards the ultimate CG calculation. There intricacies in this system, without bothering you with too many details, we present a readable and not-so-boring intro to the Academic System. For lack of a better title, we christen Acads-101. You'd do well to accept a bitter truth as soon as you get here - school is over. We realise, of course, that everyone learns it the hard way. Your old, maybe even beloved subjects will now be replaced by more exciting and challenging (or in some cases, dull and horrifying) courses. Every department has numerous

courses. They are classified on the basis of:

In the 4 or 5 long years of your stay

undoubtedly act as the centre of

academics



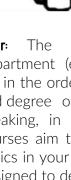
BRANCHES Perhaps the first thing you'd like to know more about would be your branch. Knowing what

the scope of the field, what you do in various other departments etc. will be pivotal information throughout your stay at IITR. We present to you, dear reader, a link to a painstakingly curated pdf file that serves as an introduction to all the branches; Branch guide (updated version soon)

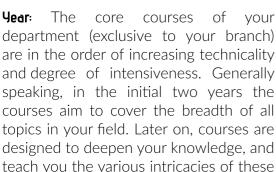
Type: There are many courses that are made compulsory

for all branches. These are more common in the first

courses your department offers,



topics.



(too) lightly. Familiarizing yourself with the grading system might be of help when planning out your assault plan as exams close in. **CREDITS**

In layman's terms, the credit of a

year, and are usually general courses that everyone and degree of intensiveness. Generally must complete. These include courses like 'Soft Skills', speaking, in the initial two years the 'Environmental Sciences', 'Psychology' etc. courses aim to cover the breadth of all compulsory courses generally aim to shape you as a topics in your field. Later on, courses are more well-rounded, informed and responsible human designed to deepen your knowledge, and being. You will also encounter Elective Courses, but teach you the various intricacies of these more on that in a minute. At times you may feel like the courses being taught in class are irrelevant to the plans you have in mind for the future, or any possible plans whatsoever for that matter. The exact odds of you being right remain a controversy but believe us when we say, the courses may or may not be useless but the grades are surely not. Your CGPA is, figuratively speaking, the biggest number on your resume and is not to be taken

course is its weight in comparison a) physics and b) relative grading. to other courses. To put it in a However, only one of these sets is invariant and reliable slightly more complicated manner, enough to bet on. credits have something to do with your GPA. For example, a 4 credit Relative grading is basically the education equivalent of course will have twice the bearing second century gladiator fights, and is one of the most on your CGPA than a 2 credit one. esoteric traits to grace the IITR academia. Instead of being pitted against the syllabus as you're used to, you Suppose you got four A(10)s(each now also have to fight it out with your classmates - you of which is for, say 4 credits) and

from there..

one B+ (9) in the 5 courses of the

semester and everybody wants your

guts for breakfast, your S.G.P.A

would be either 9.8 (if the 5th is for 4 credits) or 9.89 (if the 5th is for 2 credits). The credit of each course depends upon its relevance to the student's branch, and on how much time spent procrastinating would be while studying the course during

given a grade in each course after completion. You multiply the grades' values with the corresponding courses' credit and add all of them up. Now you divide it by the sum of credits, and you get your grade point average.

GPA or Grade Point Average is a

rating that is used to judge your

academic performance. You are

BACKS

are judged and graded based on how you perform in comparison to everyone else who took the course with you. The general formula for calculating grades

according to this system, goes something like this:

Mean(μ)<X<Mean (μ)+ 0.5 * Standard Deviation => **C+** [7]

RELATIVE GRADING

The world of IITR is governed by the laws of

X>Mean (μ)+ 1.5 * Standard Deviation => **A** (10) Mean(μ)+1*S.D <X<Mean (μ)+ 1.5 * Standard Deviation => **B+** (9) Mean(μ)+0.5*S.D <X<Mean (μ)+ 1.0 * Standard Deviation => **B**

Mean(μ)-0.5*S.D(σ)<X<Mean (μ) => \mathbf{C} (6) Mean(μ)-1.0*S.D(σ)<X<Mean (μ)-0.5*S.D(σ) => **D+** [5] Mean(μ)-1.5*S.D(σ)<X<Mean (μ)-1.0*S.D(σ) => **D** [4] $X < Mean (\mu) -1.5 * S.D(\sigma) => F (teri back lag gayi)$ However, whether or not this convention is actually

followed is entirely up to the professor's discretion. They

may resort to absolute grading, follow this, or come up

with something entirely new. A popular practice among

many professors is to award A to a certain number of

students at the top and then work their way backwards

This may seem cruel at first, but on the upside, the "It's

not just me, everyone performed badly" excuse actually

ELECTIVES

In the off chance you find your departmental courses too

easy to incite any stress or anxiety, the institute also allows

students to opt for electives in each semester starting

from the third semester. These are optional courses

including those from departments other than your own.

become excessively important in your final year.

makes sense now.

Elective courses can be anything from film appreciation to quantum computing, giving you total control over 2-3 credits of your program each semester. They are roughly divided into two basic categories viz. Humanities, Social Sciences and Management Courses (HSSMEC) and Open Elective Courses (OEC). You also have Department Electives. Here, you get to choose between various specialisations in tandem with your field of study. These

The months of November and April witness the migration of hoards of clueless students from

END TERM EXAMS

Georgia and SBCBC (Shree Balaji

characterised by many symptoms, which include sleep deprivation,

prolonged pointless hours on

Instagram and Reddit, excessive

yearning for food (which requires

BRANCH CHANGE

So maybe your JEE rank landed you in a

branch where your professor raves on about enzymes and cell membranes while

you dream of towering scrapers and the intricacies involved in the design and

construction of such modern marvels.

Maybe you find the diesel engines in your department a tad bit too noisy or maybe

you just hold a mild resentment towards

your classmates... whatever be your

reasons for wanting a new branch,

The rules are subject to frequent

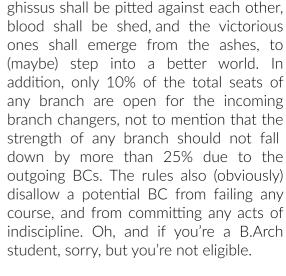
changes. Last year the applicants could fill in only upto a maximum of 3 branches of their choice. Also, there is no special reservation of seats associated with

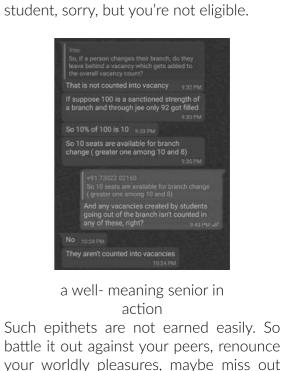
branch change. Your grades are your only saving grace in this rat-race for the holy grail of the academic world at IITR -

prepare to play the Game of Grades.

Cautley Bhawan Cafe - a social adhesive of sorts) to the murky corridors of MGCL (Mahatma Gandhi Central Library). Derelict books are dusted off. Gigabytes of study material change hands. Ghissus are stalked for their impeccable notes. This time is

> you to leave your table) and an unavoidable lust for funny youtube videos. The authors of this guide have often found brilliant articles, videos, movies and music during these unholy months.





on a few chapos in order to get branded

*Any resemblance that this acronym bears with that of a rather infamous Hindi swear word is sworn to be nothing more

as the infamous "BC".

innocuous coincidence.

than an

Social Strata ghissu SEMESTER EXCHANGE

the end sems.

If you do it for one semester, it is called your SGPA or SG. If you do it for your entire lifespan at IITR (uptil the moment you get reminded about your CGPA by enthusiastic faccha), it is called your CGPA. immediate Whatever your

seniors may claim, your CG is

one of the things that sticks

onto your resume for the initial

internships, research prospects

and fat paychecks, ; the authors

of this guide would recommend

that you keep more than just an

for foreign

Vital

eye on it.

Short attendance: Most courses require you to have an attendance of more than 75%, and regardless of what your professors say to you, it's always a good idea to maintain 75% attendance. If a student has less than 75% attendance by the end of the semester, they will have to repeat the course the next time it is offered. The departments usually release a list of defaulters one week before the end sems Re-examination:

Academic Slow Pace Programme:

A student shall be put on academic probation by Dean Academics, after each semester to monitor their

• Their SGPA becomes lesser than or equal to 4.00.

• Their SGPA is below that of the previous semester by two points or more (eg. if you get a 7.5 in your third semester, followed by a 5.0 in the next semester, you

• The credits earned in the semester are less than 12.

The grades of NSS/NSO/NCC are not considered for

courses but one in the next semester. If the student

does not have sufficient attendance, they're allowed to register for all courses but two in the next

of

the

progress under one

will be put on academic probation).

• If a student secures an SGPA <4.00 after the first semester, but has sufficient attendance(i.e >75%), the student will then be allowed to register for all

the same.

academic

conditions:

study and makes up most of your coursework. It's the branch you were admitted to when you joined the institute, unless of course, you manage to get a switcheroo after your first semester. A minor is basically you opting to take around 20 credits worth of courses from another discipline at the end of your second year. A Minor may

Your Major is your dedicated area of

be handy if you plan to pursue a career

that is core to a department other than

yours. However, you need to note that

seats for each minor course are limited.

DEPARTMENTAL

HONORS

familiarization with your core curriculum and is quite beneficial if you plan to pursue something along those lines.

AUDIT

Audits are another 8 credits worth of courses one can take up in their third year. Unlike most other courses however, you are not graded for these, save a binary Pass-Fail quotient. Regardless, all other rules like attendance requirements and such still hold as they would for any other course. Although it may seem pointless at first, these courses can still be used to grace

SPECIAL CLASSIFICATION

Social strata in Planet R can be taxonomically

divided into 2 kingdoms - Ghissus and non-Ghissus. Further phyla include productive and nonproductive Ghissus. Non-Ghissus thrive on the top rung of the social ladder, and Ghissus triumph academically. The Ghissus account for 50% of the occupancy of MGCL on normal non-exam days. The other 50% is made up of young couples looking for a quiet corner to canoodle. **PROJECTS** It is considered fashionable to adorn your resume with tons of cleverly worded academic projects, other

Management Studies in fields such as Finance, Marketing, Supply Chain

Management and the whole kit and caboodle. To be gifted with the dubious honour of working on a project, one needs to diligently

1. Knock on a professor's office or spam his inbox, trying to convince

them that you are absolutely the

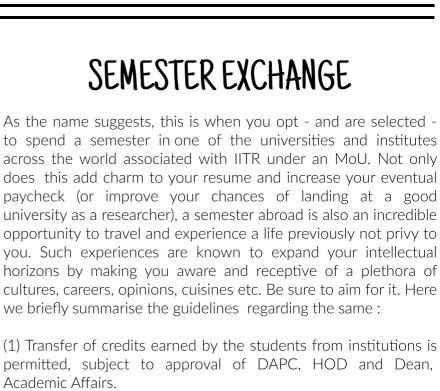
one they need to work with, and that you definitely won't abandon

follow the given procedure:

their project halfway.

Academic Booklet.

your resume.



awarding the degree.

2. Fail and repeat Step 1. The campus also provides provision for a foreign BTP, details of which can be found in the UG SCHOLARSHIPS Thomason Scholarship: James Thomason facilitates students with an All

(6) The subjects and grades earned will be indicated in the consolidated grade sheet/transcripts with the remark that the grades have been awarded by the host institution. (7) Credits earned and grades will not be considered towards calculation of SGPA/CGPA. (8) Grades earned in host institutions will not be considered for any award/prize at the Institute. Want to know more: Check out: tricks-of-the-trade

(5) The maximum permissible limit for transfer of credits will be

though is not fixed, being entirely dependent on the donation pool for the Tarachand Scholarship: Tara Chand Kanti Devi

Cash Prizes of Rs.

2500/- to the student

scoring highest C.G.P.A.

in BTech Civil 3rd Year

India.

AWARDS

Aditya Birla Scholarship: Aditya Birla Scholarship is available to the top 15 students (JEE Rank -wise) in the institute. The selection process for this highly coveted scholarship involves a multi-step procedure including write-ups, interviews and a felicitation ceremony to say nothing of the free flight to Mumbai. ABS scholars receive a sum of 1,00,000/- annually. But the true merit of this scholarship lies in the networking opportunities it offers with one of the biggest conglomerates in India. **Inspire**: Inspire is offered exclusively to students enrolled in basic science streams a.k.a Integrated MSc courses with a 4 digit JEE

AIR or less. Eligible candidates may avail

80000/- every year. Not to mention, Inspire is

also quite a valuable epithet and is a crucial

requisite for Inspire Fellowship, one of the

major grants offered to research scholars in

Rai Singh Jain Cash Prof.P. Roy Cash **Prize(F)**: Rai Singh Jain Cash Prize of Rs. 3000/- for the girl student highest obtaining highest CGPA in B.Tech. CGPA (CSE/E&C/Elect.) 1,11 and IIIrd Year

(Elect.) III year Air Cmdr Shyam Chand Mehra: Air Cmdr Shyam Chand Mehra Scholarship" of Rs. 10,000/- to girl students of BTech lst,llnd and Illrd year for obtaining highest CGPA in BTech. Electrical Engg in their respective batches.

Prize: Kaustubh Roy Memorial Cash Prize of Rs. 6000/- for CGPA up to B Tech. Shri Raghuraj Behari Mathur Cash Prize : Shri Raghuraj Behari Mathur Cash Prize of Rs. 20,000/- for a male and a female student who have obtained highest CGPA

excellence: All-round Excellence: 2-3 awards Rs.50,000 awarded to 4th year undergrads for academics, sports, arts, social service and overall leadership Rai Bahadur Khushi Ram Sud & Smt. Durga Devi Sud Memorial Cash Prize: Rai Bahadur Khushi Ram Sud & Smt. Durga Devi Sud Memorial Cash Prize of Rs. 5000/- for obtaining highest CGPA in BTech. (Civil), 11 Year class Mukhopadhyay Cash Prize : Prof. P. Mukhopadhyay Cash Prize of Rs. 2000/for obtaining highest in B.Tech.

30,000 and Rs. 20,000 for students in 3rd, 4th and 5th years of UG/1DD courses and all students of PG courses are eligible. Ajit Singh Yadav Memorial Proficiency Prize: Ajit Singh Yadav Memorial

Sh. Pandit Shiv Dayal Singh

Excellence in Social Service:

Award will consist of Rs.

20,000 Cash Prize, a Certificate

and a Gold- plated Medal. The

award will be given to the

student during third year of

Award

Memorial

their studies

11TR Encore Awards: Encore is an endowment fund established by the batch of 1989. The fund itself was established in 2014 marking the 25th anniversary of their graduation from the institute. The awards are divided into two categories: Merit-cum-means: 4-6 awards worth Rs.30,000 awarded to 2nd year undergrads for all round

Loomba Cash Prize of Rs. 5000/- for the student who obtains obtaining highest CGPA in BTech. (Civil) III Year (among female students) Singh Jain a Mrs. Shakuntla Devi Jain Cash **Prize**: Rai Singh Jain & Mrs. Shakuntla Devi Jain Cash Prize of Rs. 3000/- for the student (Male or Female) obtaining highest CGPA in BTech (CSE/E&C/Elect.) 1,11 and IIIrd Year

Mech.Engg. 111 year "1988 Batch Award" Cash Award: "1988 Batch Award" Cash Award of Rs. 12000/- to a student of all UG Programmes in Engineering for each year respectively on the basis of Academics Performance of Autumn Semester

> Proficiency Prize" the First Cash Prize of Rs. 25000/- and the Second Cash Prize of Rs. 15000/- to a student (Male/Female) of Mechanical & Industrial Engineering Deptt. 4th year on the basis of weightage upto 75% having highest CGPA upto 3rd year in MIED and 25% (1) Introduction to Environmental Studies (CE) (2) Ethics & Self Awareness(HSS) and (3) Engineering Analysis & Design (ME) and (4) Principles of Industrial Engineering (ME). Bhagwan Devalma Award for Excellence in Social **Service**: Award will consist of Rs. 20,000 Cash Prize, a Certificate and a Gold- plated

Medal. The award will be

given to the student during

third year of their studies.

Nayyar Award for Excellence in Communication: Nayyar Award three prizes of Rs. 50,000, Rs.

specifies that the student's family income is to be less than 5 L.P.A. while the merit part requires the candidate to maintain a C.G.P.A above 7 at the end of each academic year. First yearites however, are judged on the basis of their JEE rank, which has to be under 10,000. Eligible candidates get a minimum of Rs 1000 per monmth for 10 months per academic year along with refund of the remaining tution fee.have the entirety of their tuition fee waives off For further reading, Check out Awards and Scholarship Booklet

curricular

year.

Directors

program.

achievements. The

If a student is awarded an F grade in a course, they are deemed 'fail', and are required to give a re- examination for the same. This happens before the next semester begins and a student is awarded a maximum grade of 6.

MINORS

semester.

Departmental honours is pretty similar to a minor, except you have to choose courses from your own department's electives to meet the 18 credit quota. An honours implies a higher level of

than the compulsory B.Tech project one is required to do in one's final year , if you are in a four-year course. For those enrolled in a fiveyear course, it's a dissertation. Besides being a niche resume point, a project also allows one to specialise in a topic, only to realise ultimately that research is not everyone's cup of tea. Along with projects from their home departments, students often take up projects from the Department of (4) The credits earned in other institute will be considered for

India Rank under 250 in JEE Advanced, found exclusively in the Computer Science department, to avail an amount of 25,000/for 10 monthsper year, provided they manage to maintain a CGPA of more than 8.0 at the end of each academic year (which may be a bit harder than you imagine). Merit-cum-Means Scholarship: Can be availed by upto 25% students in each branch. The means based criteria

Lt. Gen. Ram Adhar Kaustubh Loomba Cash Prize (F): Memorial Lt. Gen. Ram Adhar

Excellence Award from 11TR Heritage

foundation: The 11TR alumni of USA

founded the Heritage foundation in

2007. The Excellence awards are

awarded keeping in mind academic, co-

amount

extracurricular

offered

and

Directors Gold Medal: The

awarded at the time of

convocation to the student with the highest CGPA across the

institute at the end of their

Gold medal is

amongst male and female students respectively in B Tech. Civil 1 year EC-72 Batch" Cash Award: EC-72 Batch" Cash Award of Rs. 10,000/- for the student of 3rd year B.Tech. (E & CE) based upon performance of the student up to 2nd year

Gauri Shanker Malti Prize: Gauri Shanker – Malti Prize of Rs. 10,000/for the student who obtains highest CGPA in B.Tech. (Civil) III Year.

Manoj Jain

Tech..

Award

and Dual

Human Values: Manoj Jain

Awards of Rs. 50,000/-

plus Shield & certificate of

Final years students of B

Bachelor course students.

BArch

degree engineering

(Male and Female).

INANE CAMPUS RULES

BY

ADMINSTRATION OF IIT ROORKEE

So you think only the highly intellectual can be eccentric? Check out the weird rules the administration has put up at IIT R.

OI s

Stepping on the main-building lawns is strictly prohibited (you might get shot at sight). There are exceptions of course; like if it's your convo, or during Cogni and Thomso, or when the guard is simply not looking your way.



Climbing the famous 'chhats' of Badminton Court, MAC, BioTech Department are not allowed. You may fancy the water tanks too, but we have to warn you of the consequences that include, but are not limited to experiencing the force of gravity and the guard's stick.

02

For some weird reason, attendance at NSO is taken more seriously than in the lectures. It is common to see students running for their NSO practice initially, are, in the later parts of the year, found running from practice.



Whether or not you are a ghissu, it is an unsaid rule to share the legendary 'pattagobhi' before your exams, in order to pass with the bare minimum grade, if not flying colors. This holy cabbage shall be made available to those who ask for it, in the form of a WhatsApp sticker, GIF etc.

04

05

There is no way you should attempt or even think about attempting your tutorials on your own. It might result in epileptic seizures, social ridicule or in the worst case, horrific grades.



Sleeping in the library is prohibited. You'd think it obvious, but wait till you open a textbook or two in the library. The induced sleep can knock you out in seconds. The comfy-sofa section has been replaced by multiple chairs to avoid any student(s) from sleeping- by themselves or together; and is under CCTV surveillance and is carefully patrolled by guards.

06

07

DO NOT VISIT the IITR Confessions page.

If you errenously do so, do not write a confession on a. Yourself
b. Watch Out!



It is forbidden to distract mess workers by using old sweet coupons and smuggling extra ice-cream. Regardless, the extra sweets will only attract unwanted attention from your fellow peers.

08

09

If you are out for a nice walk around the campus or running an errand and happen to pass by a 'spot' (commonly termed 'khopcha') and sense the presence of two individuals, you shall be expected to pretend that you have temporarily lost your senses of sight and hearing.





Masala: Indian Food: Masala: Watch Out! Editors Gossips, or masala, is loved by everyone in conversations if not food. The rules are simple. Either nobody knows, or everybody knows.

IU

Consumption of a certain particularly bitter liquid, in small, large or Patiala proportions, is strictly prohibited. If, however, you find yourself *accidentally* (since you're a harmless angel) under the *mild* influence of this bitter liquid, be sure to not text your ex, your parents and your profs. Letting your homies know how much you love them, though, is considered ritualistic and is expected without fail.

Research

What you are doing when you don't know what you are doing

In R-land, research is given tremendous importance. Unlike our sister IITs, we do not believe in burning down laboratories as a part of intensive. fascinating and passionate experiment - here, we trust in our labs to burn down themselves. Every once in a while, one hears reports of some guy in the CS department coming up with a conclusive proof that P does indeed equal NP. But there isn't much follow up to that and people invariably assume that the thermostat in the department might have stopped working again . One can also observe students of the Earth Sciences department late at night digging their own graves, or those with the chemistry lab, plucking flowers and playing with leaves for their 'experiments'.

The most path-breaking research, of course, happens in the Civil department. This is because most of their research tends to involve breaking down existing roads and laying them again, in the hope of finding that elusive X to Y ratio, where X and Y are two materials no one else in the institute has any idea about.

Regardless, students of this department can be frequently spotted in the campus carrying yellow tripod stands mounted on which is a camera, or as they prefer to call it, 'Ultra-high resolution wide-field LASER autofocus longrange theodolite with night-vision', and a measuring tape. They probably use these to measure something, though no one has ever bothered to stop and ask them what.

Regardless, we continue having tie-ups with leading corporate firms like IBM, Adobe, NVIDIA, TVS and several governmental and non-governmental organizations like the Ministry of Human Resource Development, CSIR, ISRO, National Science Foundation USA and the Nuclear Power Corporation of India. There are various programmes by the government for promoting undergraduate research on campus.

You can read about them in the Research Intern Booklet

SPARK FELLOWSHIP

IIT Roorkee invites applications for institute-funded SPARK fellowships for summer internships. The objective of this program is to provide research exposure to interested undergraduate students of IITR. It also aims to attract and nurture talented undergraduate students from other institutions. This program provides a weekly stipend and project-funded summer internship.

Eligibility

Students currently enrolled and have completed at least two semesters of the undergraduate degree (B.Arch./B.E./B.Tech./M.Sc) in a relevant discipline from any institute in India

Almost all major IIT's, IISER's and research institutes have their equivalent of SPARK

Minimum Grade Requirements

CGPA > 7.5 for IITs/IISc.

CGPA > 8.0 for NITs/ IISERs/ NISER/IIEST.

CGPA > 8.5 for students from other institutes.

Stipend:

Students selected for the program will get stipend of INR 2500/week.

- (i) Applications need to be submitted through an online portal where the applicants will upload their transcripts (marksheets), a photograph, a 500-word research statement, and resume.
- (ii) Applicants need to mention names of five faculty members of their choice from the list of faculty members interested in having a summer intern.
- (iii) The term of the summer training should not be less than 6 weeks.
- (iv) Students of IITR will be allowed to begin their summer internship immediately after the completion of the end-term examination.
- (v) Accommodation and mess facilities in the Bhawans, subject to payment of necessary charges at par with that paid by students living in hostels. The average cost of housing would be around INR 5500/month (including mess facility)
- (vi) At the successful completion of the internship, a certificate from the institute with the name of the intern and mentor, signed by Dean, SRIC, will be issued to all interns.

Internships

Apart from being the lurking bogeyman of the campus, an internship is basically a stint you have with a company or an institute. It fetches you experience, helps you find what you want to do with your life, makes you realise what you absolutely DO NOT want to do with your life, but most importantly, fetches you points on your resume which leads to better internships and jobs and eventually you being independent and buying the Kinder Joy you always wanted but didn't have the guts as mom was nearby.



Research internships, broadly speaking , involve you working with a professor (and/or their students) on a project that gives you hands on experience in the field.

The only thing you can bank on about internships is that the campus comes to your aid in the first semester of your pre-final year, where, like placements (albeit at a smaller scale), companies come hiring - the process which is referred to as an 'on-campus intern'. The PIC comes to your rescue wearing a cape (which sadly people outside PIC are not capable of seeing) by flooding the Channel-i Noticeboard with profile announcements and debarment notices

Off-campus internships involve students applying for their preferred roles on their own. The application process for any internship inevitably involves some form of mailing, (so do brush up on your mailing basics. Our favorite course for becoming a hardcore email expert
https://www.universalclass.com/i/course/
using-gmail-101.htm
) while many also involve you seeking referrals from seniors, family members and even professors.

You can apply for these internships at any point of your existence regardless of your current semester, branch, year, or anything else for that matter. We have been privy to students cracking the prestigious GSoC, going for universities abroad (Like NUS, NTU) etc. right in their first year, while some bag those juicy high-paying internships without any prior experience. It all depends on the experience you want to gain and the time you want to spend away from your friends having fun at trips.

For those of you who dislike coding, here's a hard pill for you to swallow:

Almost no industry, or science, functions without coding in one form or another. Virtually all companies that grace our campus during this season, include a coding test amongst various other tests. Many final yearites realise this just as their seventh semester begins, and in a frenzied, maniacal hurry, learn as much as they can in the few months they get. We advise readers to learn from the countless people who've made this mistake, and urge everyone, without fail, to learn to code, in one form or another. The form will depend on the field you choose to make a career in.



Placements

Things change drastically when you enter the final year. Here, for the final year students, the months of October, November and December are a season- not winter though, they're called the placement season.

The Placement Season

This season, among all the seasons of IITR, can be identified as the time of year when you start noticing the final year students heading towards the PIC building, dressed in borrowed suits, some looking dapper and some looking awkward enough to make you uncomfortable. Like winters in Roorkee, placements go on for a very long time. To state the obvious, placement and job availability are probably the only two things many JEE qualified students (that means you) consider before filling the form.

So the writers of this guide- instead of criticising the underlying drawbacks of our existing education system, herd mentality of people and ultimately the over population of our country - will enlighten you regarding the same. Right now you need to know about 4 things:

- 1) It begins and ends in your final year.
- 2) It is highly unpredictable.
- 3) Your CG, irrespective of the department, matters.
- 4) Your starting job (which you'll probably get after 4 (or 5) years from now) is not the thing you should be worried about right now.

The nature of companies who come to IITR for placements is quite diverse. We get software giants like Microsoft, Oracle and Google, investment banks like Goldman Sachs and J P Morgan, and numerous other firms who give decent jobs in the domain of software, product development, finance and the core sector of Civil, Mechanical and Electrical Engineering.



Placement and Internship Cell

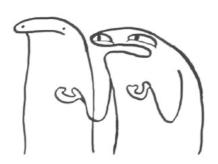
This is probably one of the most mysterious places of IITR where unsuspecting students find themselves at the end of their stay, dressed in, as already mentioned, uncomfortable borrowed suits. Serving as a looming reminder of the placement season, it is located in front of the Convocation Hall. On the outset, it looks like a usual innocent and not-diabolical building: with walls, windows and doors. However, horror awaits the seniors inside as they are grilled on questions about science, technology and business, and then offered two pens: a red one and a blue one. Regardless of which one they pick, they're ultimately rejected on grounds of having a below par GPA, or sometimes simply their branch



Campus Politics

For thousands of years, the warlords of the galaxies far-far have fought awav innumerable, ruthless battles. Sparks have flown, tears have been shed and natives have perished in the dark space. All of this for the Iron Throne of the Students' Affairs Council (SAC) of the R-land cosmic space. It is said that the Iron Throne was studded with a thousand light-sabers before being reluctantly replaced by a revolving chair due to multiple posterior problems reported by the delegates involved. The ultimate doctrine (which is something as imaginary as this guide) declares IITR to be a democratic institute. Here students have as much say as the administration when it comes to campus affairs, which of course translates to very little. While discussions and debates pertaining to what to do with the freshly allocated funds (hint: anything except improve the existing conditions of the hostels).

After a long and violent history of intense political campaigns and several electoral reforms, the mega election extravaganza is scheduled to be held each year in the Spring Semester. As the atmosphere to get politically introductions charged, are made. affiliations are expressed, 'pacts' are signed and chapos are given. One may even get a glimpse of the people that are contesting, through 'Electoral' debates where you get to enjoy free cartoned drinks if you obey the decorum of the house.



Like it or hate it, it's almost impossible to be indifferent towards poly season. Seniors try their best to act like godfathers to their corresponding juniors and encourage them to vote for their own mates. As swarms of perfect strangers start moving from door to door, screaming out their manifestos, boasting about internships, promises ranging from slightly laughable to excessively outrageous. R is perhaps unique in this respect among all its sister IITs. While many of have student representatives in their senate; very few have participation and enthusiasm on this grand a scale.

The SAC consists of student representatives at the bhawan level as well as the insti level. Every citizen (they who have an enrollment number), except international students and Saharanpur campus students, in R-Land gets to vote in the SAC elections.

The exact structure and functioning of the Senate, the SAC and numerous other student councils and committees (like the Technical Council, Academic Committee, Cultural Council etc) is quite complicated. If you want to read further, check out our article on the same (link).



The Student Affairs Council (SAC) is the body that represents student community in the IITR senate.



Hostel Life





All fresh-boys reside in Rajendra Bhawan(RJB) and fresh-girls used to stay in Sarojini Bhawan(SB) before the making of the newly formed Himalaya Bhawan created vacancies in Kasturba and the administration decided to shift the first years there (along with a few second years). Some RJB residents enjoy the exquisite pleasure of single rooms thanks to a 100% purely randomised room allotment algorithm. No such luck for KB residents.

Bhawans come with most of the basic amenities one may need in day to day life.

In the first few days, you may find yourself a tad bit annoyed by the seemingly endless queues outside the mess and showers but rest assured that these are known to dissipate in a week or two as more and more people lose interest in baths, food and other everyday activities that were considered essential back at home.

Every bhawan and even different parts of a bhawan come with their own set of nuances and eccentricities.

C Block of RJB is widely known and feared as a place of unsettling corridors and unruly stoners; the rumors are yet to be confirmed. The top floor of B block is the lair of ghissus, the only place free of commotion on the night before exams.



Harsh

A bathroom that you share with the 50 people that live in the same row as you, along with a dog or two if you're lucky. And to say nothing about the spiders and lizards...

A mess that serves... food...

A laundry guy that knocks on your door twice a week and can be counted on as a reliable alarm. There's also a laundry room that requires you to provide your own detergent but is quite a popular alternative among people who find the laundry guy's early morning timings to be inconvenient.

A number of open spaces in case you ever feel like catching fresh air or are unfortunate enough to be the victim of a GPL too grand to be contained within the hostel corridors.

A Gym for evening work-out sessions, whatever your reasons for that may be.

There's also an allegedly ungodly fast LAN connection in every room, perfect for multiplayer showdowns and movie nights arranged on a whim.



Gauri Garg

The mess in Kasturba Bhawan is more than what your male counterparts can boast of- many may find it likeable (at least in the beginning) and most would at least visit it once during the day for dessert.

The fruit stall will be your tummy-saviour for all those/most of the days when you'll wake up right after the mess closes for breakfast.

The beauty parlour will be your go-to place for rewarding yourself with head washes or regretting a haircut afterwards.

The TV/Cyber/Reading room will be the libraries for those who are too lazy to go to MGCL for the exams and for those who need an AC to survive the harsh Roorkee summers. These rooms then serve the purpose of cloak rooms during long vacations, perfect epitome of *chaos*.

Bathrooms on every corner of every floor, cleaned twice a day.

practical files and other necessities like soap and toothpaste.

A stationery shop – your life saviour for all the last-minute graphs,

The laundry room, as in RJB and a press-wali auntie.

A Gym.



m my

fetch you an earful, or even a bucketful of water thrown at you.

Kasturba Bhawan has 3 blocks: A, B, and C A block contains mostly single rooms occupied by PhDs/MTechs and

The PhD Quarters in KB must be entered cautiously. Whispering loudly in front of the rooms of PhD students may

some final year BTech Students while B block has all the ammenities like gym, canteens, washing/laundry room, TV room, etc.
C Block is the home to first and (few lucky second yearites who chose to run away from the shackles of SB in the

hope of finding a better life for themselves- author of this picece included). The ground and first floors are occupied by the second yearites while second to sixth are for the first years.

A Hostel, or Bhawan as they are fondly referred to here in R-land, is much more than the tangible amenities it has

to offer It's a lifestyle. So enjoy it while you can. The movie nights, bakar sessions and late night stoner talks.

Who knows, your wingmates might turn out to be the siblings you never knew you needed



Thomso

The annual cultural festival of IITR, Thomso will be the best time of your campus life, if it does happen.

We kid, of course.

It is important to note that this fest is organised by the students. You can, of course, apply to get into their core team, if you bring with you dreams and ambitions of making this fest great. Stand up comics have been known to resent the vile hooliganism and tomfoolery characteristic of the thomso crowd. Celebrities and musicians have often been invited, although the live shows are seldom as good as you'd expect them to be. If you're a loud, extroverted EDM-loving anthropoid who loves to dance like no tomorrow with perfect strangers, you'll have the time of your life. Various cultural events are organised throughout the day, including band competitions and the famous Footloose, which IITR's Choreography Section unfailingly brings home every year. Other events are not so popular, however, and are known to have very less participation, especially from IITR. A lot of people who come from other institutes are usually not interested in the competitions they've arrived for - but for the charm and magic of visiting an IIT.

NSS Social Summit

Social Summit kicks off the trinity of fests in the spring semester. It is the socio-technical fest organized by NSS. It is replete with multiple events like panel discussions, case studies and guest lectures, underlining the message of social conscience.

If you are a faccha in NSS, you will be hounded by your seniors to attend the aforementioned guest lectures and panel discussions, with the ever-looming issues of attendance over your head.

Cognizance Cognizance, being the 2nd largest technical festival of Asia (like every other IIT's techfest), is

the favorite imagined reality Roorkee likes to believe in. Cognizance takes place in the Spring semester: just after the curse of the midterms vanishes from the lives of people. It shares its core fundamentals with Thomso - it is fuelled by hard-working students, invites eminent personalities from all over the world for guest lectures, workshops and stage-shows pertaining to the world of technology. For both Thomso and Cogni, a modest structure of hierarchy exists while working. A typical

1. Begging his facebook friends to like the Cogni page. 2. Putting up posters in Bhawans.

freshman involved/pretending-to-be involved in the work can be identified by the following:

A burning question that might plague a ponderous mind is "How do I choose which fest is my

3. Undying devotion for any kind of Chapo from a senior.

true calling and where do I invest my money in buying its giant banner to cuddle up and fall asleep with?".

The official sports fest of IITR, Sangram offers the sports fraternity of IITR a reason to keep their spirits up after the Inter-IIT season ends. High spirited matches are marked by intense

Sangram

some much needed game time. Needless to say, regularity a month or two before the fest can land you a spot in one of the B teams and maybe give you your sattar minute of fame. Shrishti

Shrishti is the annual exhibition held in the SAC, wherein all sections of the Hobbies Club (now Technical Council) showcase their works. It takes place in March and is part of the holy

jeering and inventive name calling from the abundant IITR crowd, granting you the illusory sense of accomplishment for having done your part for the campus. It sees a healthy turnout from many north Indian colleges, IITs included, and is utilized to give freshmen

trinity of fests of the Spring Semester - along with Cogni and Sangram. Workshops, art exhibitions, talks and some live actions from robots and models are some of the main features of Shrishti. One can also enjoy some quirky pictures being taken by the

Inter IIT Events

The month of December sees all 23 IITs gather to compete in an array of events split under 3 verticals - tech, cult and sports - each hosted by a separate IIT. Selection, training and participation are handled by the appropriate section. In the wake of IITs popping up in every nook and corner of the country, these tournaments are getting bigger and better in terms of

Photography Section with the hilarious props made by the Fine Arts Section.

number of events, quality of judges and overall competitiveness. Pro-Tip: While recruitments by all campus groups are officially conducted in the spring, another round of pre recruitments is held in the fall, specifically for inter IITs. Appearing for these rounds, irrespective of whether or not you intend to actually participate in the Inter IITs, goes a long way in securing permanent recruitment into the respective groups.

You also get a special set of clothes and jackets to show off.

sports

The grandfather of the Inter IITs, the Sports Meet is over 50 years old. The events are split into an Aquatics meet and everything else. NSO kids duke it out to make it first to the summer camps and then the winter camps (with boiled chicken and curated meals) to stand a shot at being selected to the final contingent. Burly, sweaty kids from all over the country then shove around for the championship.

cult

The youngest of the three, the Cultural Meet is a much needed addition. It comes as a refreshing and necessary slap on the face for those who stereotype IITians as awkward nerds, incapable of performing well in any other field. The performing sections spend months preparing for the same, and the Cultural Meet reaches a grand crescendo towards the end of December, ultimately culminating in 3 days of amazing performances, some of which could put professionals to shame. With the events increasing and diversifying each year, all IITs are prompted to form groups

newer IITs is gradually decreasing. tech All events that don't fit in either of the above categories get thrown here. Events here include Biz Quizzes, Financial Case Studies, Hardware Modelling and Robotics

etc. As is expected of IITians, these competitions rarely fail to amaze and stupefy, and as opposed to the Cult Meet, the Tech Meet is considered holy and pivotal not only by the students, but by the administration of all the participating IITs as well.

that deal with those spheres. The power gap between the more established and

Campus Facilities

Roorkees's campus is serene and graceful. One notices the lush greenery of the campus the instant one sets foot inside. One notices products of human remarkable activity too. Our campus is perhaps unique, in that its architecture is archaic - reminiscent of a time when the nation was in turmoil. You'll need to be well acquainted with a lot of old and new products of civil engineering inside the campus, and here we mention a few essentials.

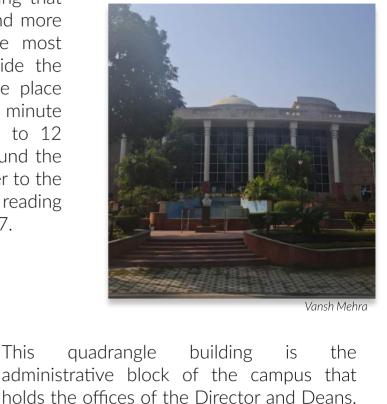
Institute Hospital



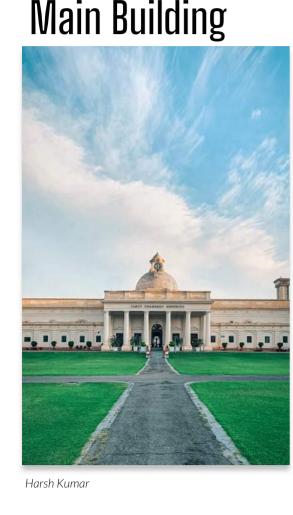
Institute hospital of IIT Roorkee is a 50 bedded hospital that offers OPD, IPD, Laboratory, X-ray and ECG services to faculty, staff and students. The hospital functions from 8AM to 12:30PM and from 4PM to 6PM. It also provides emergency services 24*7. At least one medical officer is always available to treat emergency cases. e- Medical Booklets have been introduced that can be used to access prescriptions, medical history, records of medecines etc.

houses more than 3.5 lakh books and more than 20k e-books. It's one of the most peaceful places you could find inside the campus except during exams as the place piles up with a large number of last minute learners. Its timings are from 8am to 12 midnight on normal days and all around the clock during exams. However, to cater to the needs of the highly determined, the reading room of the library remains open 24/7.

The Mahatma Gandhi Central Library is a three-storeyed air conditioned building that



MGCL



5pm. The well maintained lush-green lawn and its surrounding area in front of this building is the place that gets non-weed smokers of the campus high. The security guards are pretty insecure about the lawn, in that they restrict students from stepping on the grass, for they believe the lawn might spill out all those highly confidential 3AM intimate talks of the regular visitors. 9 out of 10 students are likely to mark 'The Main Building' as their most favorite place in the campus - the tenth student being that unlucky chap who gets wet while trying to cross the road, as the sprinklers rain all over the place. The existence of this architectural marvel has also been proved to come in handy when designers of various groups run out of ideas. The Lecture Hall Complex, a three-LHC storeyed building, is conveniently located near the Central Library so as to reduce

It functions on all working days from 9am to

concentrate. Exceptions similar to Lily Evans and Hermione Granger unavoidable amongst the R-crowd - as is the case with any other. FUN FACT: We are lucky enough to have two LHCs: The old LHC, which houses a large board bearing the words 'New Lecture Hall Complex' and the New LHC. For the sake of simplicity and sanity of the readers, we shall refer to them as the Gargi Block and A.P.J. Abdul Kalam Block of the LHC respectively.

This open space next to the Student's Club (not anymore, sadly) and PNB is the

official hangout place for R junta, that doesn't know what to do with the

breaks

between

hour

one

the time taken by highly ambitious junta of R-land to commute, right after their classes. Lectures of non-departmental courses and most of the tutorials take place at these satisfactorily designed, air conditioned halls that turn out to be too comfortable for us muggle-borns to



classes. With a rather uncomfortable seating arrangement that allows no privacy for couples, it is perfect for passing time sipping the famed infamous iced tea and cold coffee (an acquired taste) with friends. The delicacies are not exquisite but the mediocre content of the cuisine is more than made up by the invigorating content conversations. Chai Garam

Green Gala Cafe

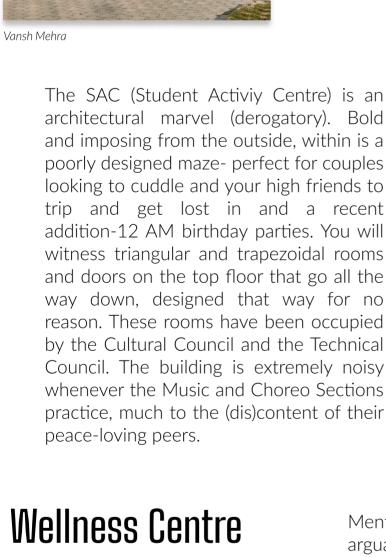
(Formerly Georgia)





you spot a few of these seemingly bizarre species in Roorkee. This place serves some of the best chaat there is on campus and the only place on campus you can get paani-puri. Located behind the Sports complex, this place is beautiful in its peacefulness and tranquility. More on this under the piece Forget All About the Pressure of Days. Upon inauguration, the MAC (Multi Activity Centre) was intended to be the melting pot of cultural activities in IITR. This latest addition to gaon's imposing skyline, houses a lush, air-conditioned auditorium, rooms for indoor games, eateries, and a clumsily built

and discreet. It is speculated that serving chaat is simply a front put on by the authorities, while shady experiments on porcupines and hedgehogs carry on well within the building, deep into the night. It therefore doesn't come as a surprise when



Mental health is at least as important, arguably even more important, than physical health, and the Institute realises this and lays a lot of emphasis on working towards the psychological well-being of students. The wellness centre has a tieup with 1to1help.net, a professional organisation which works in the corporate sector to provide counseling services. The counselor visits the Institute frequently, and the wellness centre is responsible for scheduling maintaining one's anonymity. One can

good for what it costs. SAC

open air theatre. Here, you will also find a CCD, an Amul parlour, a newly built Patanjali Shop (yes, really), the Utopia Cafe, and shops catering to various requirements like groceries and computer repairs. All of these places are subsidised, and the food is pretty

Vansh Mehra For quite some time, the location of this canteen was a closely guarded secret of the inhabitants of Sarojini Bhawan. The canteen is situated in the vicinity of Jawahar Bhawan just outside campus. However, over the years, its popularity has increased tremendously. Nowadays, it attracts a lot of wandering souls who lust for crisp Aloo Parathas for lunch or dinner. The brownie served by the canteen is delicious and the friendly attitude of the uncle running this place puts it leagues ahead of the hostel canteens. It is frequented by professors students who are a part of CBRI. Be prepared to spend half an hour waiting for

and

conversation with a counselor if one prefers that. The wellness centre also organises talks on various issues and conducts activities for UG and PG students to increase bonding. **CBRI** Canteen

sessions, while

have

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chat

or

obviously

telephonicour

it's worth it.

The Church



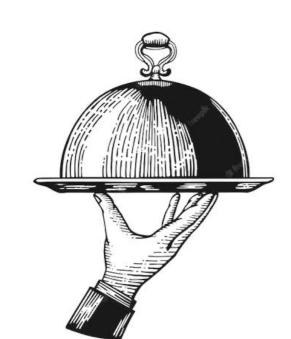
your food though, it's upto you to decide if We also have a small temple and a mosque inside campus, but the Church holds a place special everyone's in irrespective of their faith. Located near Convocation Hall, the Church is an architectural beauty. It's not impressive, it's just quaint. Sundays find the more ardent believers quickly making their way to pray, while Christmas Eve finds it beautifully lit and well decorated. It is considered ritualistic to go behind the church in the

name of exploration and then get chased

guarding the entrance to what is probably

by the overprotective dogs

the City of Gold.



Places to Eat

While most afternoons here are spent pondering 'Where should I have lunch today?', a few are also spent wondering 'Why do we even bother to check the mess food?'.

The sole purpose of this guide's existence is to serve as an answer to questions like these. For reasons not limited to establishing authority, we shall also make an attempt to cover the other, more trivial By now, we have already established that IITR is big. No, not spacebig. Not even KGP big when compared to others. But we are big enough. What this means is that we can afford to spend ludicrous amounts of land to serve as vast green spaces (stepping on which might get you shot), or to start endless construction projects.

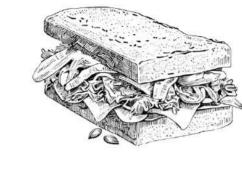
the campus. We began with the dilemma students face to decide which restaurant to have lunch in. This is not because we have a lot of options, but mainly because there is very little differentiating the ones that exist. If you want to have, say, Italian or Continental or Mongolian-African-American - extra spicy, well, forget it. However, if you wish to treat yourself with a little paneer or chana-masala, well, here you go.

While life goes on inside, it thrives outside

The restaurants that exist outside the campus to serve as places to eat other than the mess and the canteens, offer very little for too much. In all this, perhaps the tea point by the side of the bus stand would be your second best option. The best, of course, would be the guy you think you know who just came back from home with a really heavy backpack.

for a change:

So, you can try the following places, just



Desi Tadka

Birthday? Check. Intern/Placement? Check. Desi Tadka has been a staple chapo point for any and many occasions for the R-junta. Characterised by its spicy food and rich flavors, this moderately priced, pakka Indian restaurant is on the main road and is lit up with strings of pretty lights. The only downside being the limited numbers of tabletmenus that might keep you waiting 10-20 minutes during peak times

Peppery Herbs

Opened a few years ago, this place now gives Olive serious competition. Run by a really kind couple and although known for serving excellent sandwiches and chinese, be aware of the fact that the food will be totally worth it only when you are on a date or beg a well endowed friend for a chapo here.



These are ideal places for potential love

birds. You can eat here without the fear of



finding your single friends around, partly because they are single and partly because it's so damn expensive. But if you're someone who doesn't care much about materialistic things like money, Olive and its equally bourgeoise friend called Rustic House, is where you can gorge on some good quality paneer, chicken and pasta around Roorkee.

It was only a few years back that Pizza Hut realized the growing importance of Roorkee as a

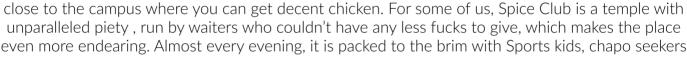
Pizza Hut & Dominos

result of this epiphany is an occasionally crammed Pizza Hut Delivery outlet located next to Rustic. It has turned Dominos' pizza joint monopoly into a duopoly for those who can afford it/ convince seniors to give them a chapo there. The person hired for writing restaurant reviews was fired at this point, when it was learnt that he was - no disrespect intended - a lowly, lifeless geek. The reviews after this were continued by a

potential market and decided that they could no longer ignore it the way McDonalds does. The

Spice Club

stoner follower.



Located right next to Jain Uncle ki dukaan (rather conveniently), this joint is one of the best places





Baap of Rolls being a fan-

on their menu. A quick fix to



favourite, just outside the Century Gate of IITR are outnumbered only by the plethora of options they have

your hunger, these rolls have the most succulent bites of paneer, veggies and chicken, with some delightful sauces. Take your pick!



Chapo point for IITR junta. Known for its dim ambience and excess oil in anything

Royal Palace is yet another

with gravy, RP is one of those places where you go when you are large in number. The place hardly looks like a palace, but it surely costs like one. The food is good, but the bill burns a hole in most pockets.

place open at 3 am in the morning should be enough to make this your favourite place

in Roorkee. On top of that, it serves what is probably the best Bun-Butter-Bhujia in Roorkee, duly confirmed by the

The fact that this is the only

author and her friends in their first year itself. Jain Uncle ki Dukaan

much for ambience, but it's sure to give you a welcome change from the cut-throat and

claustrophobic urbanity of the campus. Upside - Jain uncle, being the noble soul that he is, will probably let you eat on credit. This humble writer has had a balance of almost a 1000 bucks at the place, without once hearing a complaint.

This small shack is barely visible amidst all the smoke of the (unofficially dubbed) Sutta Point. But if you do find it, it is going to help your broke ass a lot in the next 4 years. It dishes out hot and edible food starting from Rs. 12 for a dish (with unlimited refills) and Rs. 3 for a roti. This is the place you eat at after you spend all your money on stuff you probably shouldn't have. Downside - You'll have rickshaw- wallahs and manual labourers as other patrons. That doesn't do

Fuzion by Center Point

Located close to the Century Gate, this place is extremely underrated in terms of possible chapo places. Mind you- the prices here are high, but still less compared to Rustic/Olive. The place has some of the best food you could get anywhere in Roorkee with the chic-est interior that almost feels like Aroma.

They also have a candle-light dinner night on Thursdays so if you're thinking of a romantic evening for someone, this just might be the place for it;)

kamesn vosa Shop A number of outlets on campus claim to serve South Indian food (read 'dosa' and 'sambhar'). These are all scams that anyone that has tasted an actual dosa (despite all the variation) can see through instantly. However, Ramesh Dosa Shop is run by someone from Madhurai and is the closest thing people from down south will get to a home-style dosa. The coconut chutney and sambhar are decent but the red chutney is straight from north-indian hell. If

you do visit the place and talk to Ramesh anna in Tamil, he'll likely

give you a discount too.

Located in the same Fuzion lane, this place has pizzas that will make you forget about ordering Domino's and Pizza Hut. Hangries came to Roorkee during Thomso'22 and has over time become very popular amongst the IITR especially junta; Wednesdays when theres a buy one get one free offer on pizzas :)



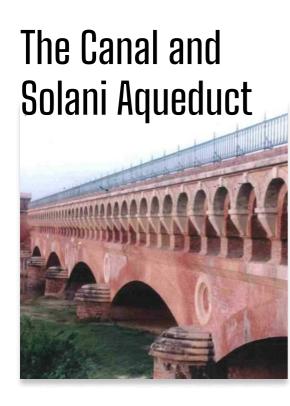
Places of interest (outside campus)



We hope we have established by now that life within the confines of IITR is exquisite and suffocating at the same time. However, Roorkee has more for you in store. Here are a few places outside campus you will, in due course of time, surely visit.

Although everyone signs the undertaking form which promises that they won't be going anywhere near the canal or aqueduct (barring those who registered online), there's hardly any undergrad who hasn't visited it once. The aqueduct is a marvel of civil engineering. Located approximately 2 kms from the Century Gate, the place is worth the pain of waking up in the morning for sunrise after pulling an all-nighter. The

sound of the gushing river is serene and peaceful. A wonderful place to get away from life, this spot is also known to sport quite a few exotic birds.



The only multiplex in Roorkee, RR is about 4.5 kms or a 10 min journey from the campus. A phenomenon in Roorkee, desperately tries to satiate one's desires to watch their favourite Bollywood actors' new releases or hollywood thrillers in a comfortable setting at reasonable rates (still cheaper than Haridwar or Dehradun). The 3D-quality is decent and you will also find restaurants and cafes inside the hall. Recommended if you wish to go out for a movie with peers. You may also be able to find solace in this place during weekends or post exams.



Neelam theatre



About 800m from the campus, there exists the only *cinema hall* inside Roorkee. It usually screens B-grade Bollywood movies, whose names can put even Kanti Shah (of Fauji Fauji Mein, Padosi Mauji Mein and Gunda fame) to start looking for a place to hide his embarrassed face. There are exceptions to this rule, of course. But then come to think of it, RR isn't much different from a B-grade Bollywood fiasco either. The theatre is cheap. Much cheaper than going to Haridwar or Dehradun to watch a movie. While we would not recommend this as a place to go when you need to catch a Nolan or Tarantino masterpiece (supposing it showed one and assuming you are an adult), you might think of visiting this place at least once during your stay in IITR.

A fairly recent addition to Roorkee's getaway destinations, Crystal World used to be for those of you unholy, promiscuous, spiteful scoundrels who lust after KFC's Chicken before they arrived at Roorkee. The place is basically a large, expensive food court with big names like Gelato Keventers. This is for those of you rich numbskulls who are too posh to grace our very own Spice Club. There is also a functional water park right next to this, where you might like to pay a visit and get nostalgic, reminiscing the good old school picnics.

Crystal World



Motel Divine



Ah, the (in)famous Motel Divine. You will get acquainted with this place as soon as your Freshers' Parties and Intro Chapos begin. Loud Punjabi music and EDM is the name of the game here, as the junta manically headbangs to Manali Trance and gets drunk on Pineapple Raita.

Certain other members of R, have a different and deeper connection with the same. Often called the green dungeons, members of Roorkee have been known to find refuge in the well that never dries (until 11 PM). Considered holy, this part of Motel Divine is often a spiritual journey. Readers will soon find out about the same.

As mentioned in the FAQs, this is the one stop-shop for all your daily needs. The Student's Store, in particular, is one of the few places every student at R goes to. For the brave ones reading this, you'll find some great street-side food here too. Located right outside Shatabdi Dwar (Century Gate for those of the New World), shops here include bookshops, medical stores, general stores, poster printing stores etc. You shall never have to go anywhere else as far as daily needs are concerned.

Civil Lines



Off Campus Tourism

For all that's been said about the places on campus and within Roorkee itself, life can get a little monotonous. So what does one do if one has a couple of days free, and wants to get away from an annoying roommate? Luckily, Roorkee is surrounded by places that you can visit on a shoestring budget.

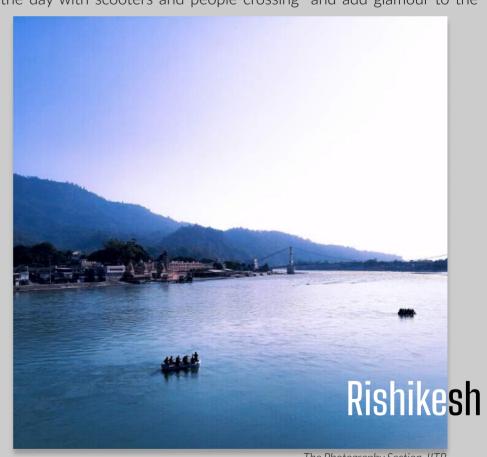


When one thinks of Haridwar, images of the sunrise, high-asa-kite babas and people praying come to mind. However, it is not the same for a resident of R. You might want to visit Haridwar with your friends if plans of camping under the clear starry skies, and sharing stories with your friends while one of you gently strums a guitar in the background sound appealing to you. The next good thing you could do is go for a small hike to the Mansadevi temple while watching the sun come up enroute (this is obviously not for you if your roommate switches off your alarm for you). Apart from this, many often flock to Haridwar to watch movies and chill with their buddies.

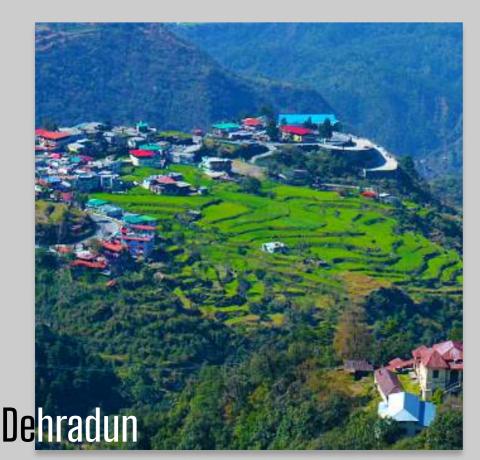
Probably best known for being the spiritual retreat of The Beatles, this is also another place that is frequented by people from the campus. Chances are, you might bump into the roommate you wanted to run away from in the first place. Still, Rishikesh is known for its famous Ram and Laxman Jhulas, that are jam-packed in the day with scooters and people crossing and add glamour to the

view at night with their shimmering golden lights.

Adventure sports like river rafting and bungee jumping the major attractions here. The Beatles Ashram is another frequently visited place which houses relics from the visit of Lennon, McCartney, Ringo Harrison. Apart from this, Rishikesh is loved for its cafes, which are great places to chill out. One might want to visit the Beatles Cafe in particular. The best thing Rishikesh is about the versatility of the place. From a one day bike trip to an adventure filled trip to a peaceful night out at the Ganga Ghat, Rishikesh has it all.



The Photography Section, IITR



Dehradun is about 2 hours away from the campus and that's where you go to watch famous movies on the first day if nearby theatres are full, or shop at a mall, or enjoy tasty food at lavish restaurants. Apart from this, Robber's Cave is a popular picnicking, hiking and wading spot to be visited. Dehradun also serves as a starting point for many small bike trips to places Mussoorie. Kanatal Dhanaulti. One of the major benefits of being at the foothills of the Himalayas is that one could also go on rejuvenate treks to themselves. The 'Himalayan Explorer Club' or HEC is a students' club solely serving this purpose.

Forget all about the pressure of days

A quiet walk alone in the dark, with only the chirping of crickets to keep you company. The smell of eucalyptus leaves and jasmine flowers reminiscent of a time and place you left behind, the voice of Thom Yorke bleeding out your anguish. A lonely little pupper crosses your path and you stop to pet him. You decide to sit there by the side of the road for a while and let the tide of emotions roll over you. Life is easy for no one, and we all need a place to get away.

Here are a few places in Roorkee (not restricted to the campus) that you can wander off to, and hide from the pressure of days:

This quiet park is located a little discreetly. A left turn near Cafe Coffee Day takes you into the professors' living quarters. The buildings are conveniently placed around a beautiful little park with a few swings and slides and a lot of open area. A few benches adorn the edges - great spots for introspection. Evenings find the park busy with kids, but after dark, this place is perfect for an hour of peace and solitude if the guards do not shoo you away.



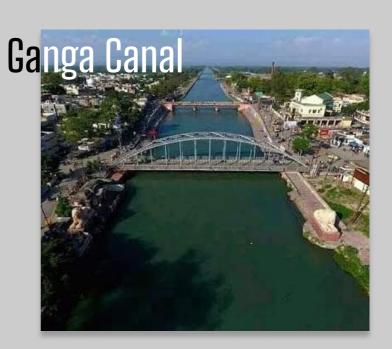
Vansh Mehra



Vidhi Khosla

It won't be long before people lead you to the brilliant CBRI canteen. Great Paranthas make for some great dinner table conversation if you don't mind the halfhour wait. However one must venture even further inside to find the cinematically perfect roads that take you into a different world altogether. Music sounds holistic for the first time- the leaves and flowers dancing and hollering their poignant yet beautiful stories. Each colour hits a different note, fireflies appear and fade away in perfect tempo, and a world of colour and sound blends into one grand wave of emotion that stops time and punches the wind out of you.

One of the first places you will visit once you arrive at Roorkee, will be Civil Lines - the one stop shop for all your daily needs. The straight road once you step out of Century Gate, is lined on both sides with shops that cater to your every need. This shopping boulevard eventually leads you to the Ganga Canal. We'd be fools to not mention that this place can be a densely populated, sweaty mess that melts all souls into one dehydrated monster. Darkness to the rescue. The ever flowing river can lead you down multiple memory lanes, not to mention the tear jerking reflection of the moon. If you do happen to take a lane that leads you to the opposite bank, you might find yourself in Roorkee's very own simulation of the streets of Banaras. The soft gushing of the river can soothe even the darkest soul, as can the slight breeze on your face, reminiscent of a forgotten and feel insignificant.



The best places to get away from life are not the ones other people tell you about. These places are not too hard to find, yet they can mean different things to different people. The most niche and lonely places, though, will always be the places you find on one of your 3 AM solitary adventures. Which brings us to the best getaway: the 3 AM campus walk. Make sure you experience the brilliance of this campus late at night too.

Be sure to check out some $\underline{\text{memoirs}}$ our beautiful seniors wrote, fondly reminiscing about their time spent here.

W From the author

Here you are, having bravely and successfully (hopefully) made it through the 60 odd pages of humongous information. Here you are, at the end of our Freshman Guide. We apologise, but we'd like to go back to what we started with - life at IIT-R is not always easy, not in the least, and for some of you, it can prove to be some of the most painful 4 years of your lives. Some of you, by the time your course ends, might even wish for it to end sooner - a thought that is not entirely alien to us. Between all the aforementioned wonderfulness and Roorkee. niceness of contemplations do peep their head out from the crevices. And we would be remiss to not address this.

To begin with, we hope all of you take this guide with a pinch of salt. We come with our own faults and idiosyncrasies, that we are well aware of, and the whole of the guide (at least for the most part), was written in good humour. We hope that all readers understand this, and devour the guide in the same vein as it was written.

The authors of this guide are not ignorant of the human condition, nor do they attempt to discredit or belittle it. We purposely try to paint a rosy picture of R-Land - you definitely don't need us to paint a dark, brooding picture of Roorkee, for chances are you'll be familiar with it after a couple of years of your time here. At this point however, we'd like to dive headfirst into it. And we'd like to give you a satisfactory reason as to why we choose to focus only on the positives.

The writers perfectly understand the nature of the various predicaments you

might find yourselves in during your short and eventful stay here at Roorkee. You might find yourself to be completely inferior to all your colleagues in the field you thought you'd excel in; you might be in a position where you'd want to change your field of study, but can't, owing to family pressure or need for immediate capital: you might find yourself entangled in an unfortunate love triangle, or you might turn out to be the victim of unrequited love, a love that shakes your very soul and shatters your self-esteem; or you might be depressed for a shit-load of many other reasons, reasons that we do not claim to understand in the least. Yet, we assure you that you're not alone. Not only have the authors individually gone through what has been previously mentioned, but we have also gone through innumerable other levels of personal hell, and some of us still find ourselves centered at the eye of the storm.

"How can you possibly understand what I'm going through? You're not me, you never will be, and your words fall on unhearing ears! Can you be possibly so dense, so foolish, that you would assume that the fact that others go through similar feelings, can possibly hush or extinguish the eternal flame in my heart? In my soul? Can anyone possibly deny my isolation, loneliness?"

The very fact that we can frame your questions in this way is testimony to the fact that we probably know a bit about all of this. In any case, even if we don't get you completely, that's still no reason to not reach out to us, or to anyone for that matter.



While we may have the resources to pen down and publish our feelings that resonate with you, we assure you (based on our personal experiences), that many more such humans do inhabit Roorkee people who will understand that undying flame in your soul and people who possess the power to quench it. Many of you may often resort to isolating yourselves, in the hope that something may come of it, since it is these 'external' humans who are causing you all these problems. However, as the Russian philosopher, psychologist and author Fyodor Dostoevsky would agree, the true joy in living is to be only found in living as a human, amongst other human beings, and capable of loving the surrounding you. For true unhappiness and insurmountable grief is experienced only by those who cease to love, and we're certain that those of you reading this haven't reached such an unfortunate stage. There is always hope for a revival, even though it might seem that the specificity of your problems renders them incomprehensible to anyone who asks 'How are you doing?'.

true nobody can possibly understand or empathise with your exact condition. Your involvement in an unfortunate love triangle can't possibly be reduced to Bollywood nonsense. You may have gone through an incredible amount of suffering before ending up in the position you find yourself in. And so we tell you- don't let anyone tell you that your suffering is a joke.

Time and time again though, we have found that such stifling and bridling emotions often give birth to a more kind and profound human being. At the end of it all, compassion is what drives us as a species, and trust us when we say that a few kind words to someone who is ailing might go a long way in making things a bit easier for them.

We urge and request you to not be

embittered and disheartened by feelings of incompetence, inadequacy, loneliness. As long as you can love, you are human, and as long as you're human, you're needed by not just your loved ones, but by the rest of the world too. Do not judge your neighbour or your batchmate based on how he judges you or others, for he may himself be going through his own personal hell, and it is not for any of us to denounce anyone else.

We hope you understand why we painted such a positive picture of IITR. We hope this guide makes you aware of how Roorkee is filled to the brim with things to explore, to fight for, cry over, compete in hopes of and if life sometimes doesn't work out exactly the way you want it to, to not abhor the pain, but to move on forward. We hope it gives you as many (and much more) reasons to live joyfully, as life gives you reasons to live bitterly and unhappily. We urge you to contact any of us and any others you know in case you're feeling particularly down, but we emphasise once again: while the soul may never heal, the heart does become bountiful and all-loving, and in this renewed man, one can live a life previously unknown and impossible, and such a life is indeed beautiful and profound.

This guide has been brought to you by Watch Out! If you liked reading this you can check out the rest of the stuff we do at our website . We would love to hear back from you. So feel free to give us feedback. Even if it is just to send us a smiley, please do! You have no idea how much it would mean to us. You really wouldn't want to know either.

Welcome to R-Land, we may not know you personally, but we do (for the most

part) love you.

Cheers.

