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# W's CAMPUS Group Guide

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**TecHniCaL**

# ACM



The group for exploring core Computer Science (CS) domains, ACM is a group for someone interested in any field of CS, and it is the umbrella under which VLG, QCG and the recently made group - BlocSoc come. ACM is an open group which conducts discussions and workshops on core CS topics such as OS, Linux and Networks along with interesting projects that are open to all. They have also developed their very own Operating System - KSOS.

While discussions are open for all years and branches, a core team exists to handle the day to day activities of the group. Recruitments for the same are majorly held for 1st, 2nd and 3rd yearites. All that ACM looks for is a zeal for CS and also how well they fit into the open culture of the group.

People from any branch can try for ACM core team as long as you are interested in the various domains of Computer Science. Students will get a lot of exposure and guidance from seniors here and can also club with other groups under ACM for building up cool projects! All that ACM looks for is a zeal for CS and also how well they fit into the open culture of the group.





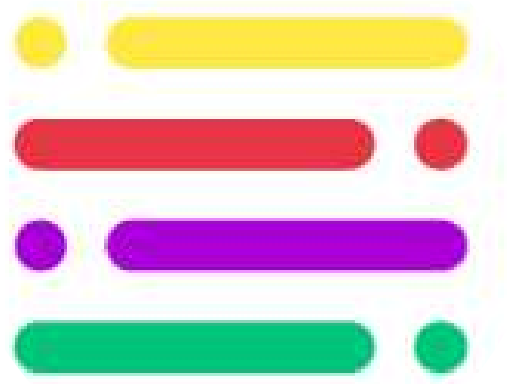
# AIR SOC

Ever imagined how a plane flies? Thought of designing your own automated drone? This group is Airsoc IITR, the aero-modeling group of IITR. They are a team of self-motivated students who are currently working on Remote Controlled Planes(UAV) and Drone projects.

Team members were placed 2nd in the Agrone competition of Cognizance 2022 and in the Top 5 in Design Reports for the UAV Design Competition at SAE ADC '21.

## **Recruitment Cracker:**

Curiosity related to Aerodynamics and Drone Design is the only requirement! Problem Statements are given out, followed by interviews for recruitment for the Core Team. Problem Statement is based on the fundamentals of aero-design, which you can learn about here - <https://aerotoolbox.com/category/intro-aircraft-design/>.



# ArIES

With projects ranging from AR applications, ML models and quadcopters to self-driving cars and an assortment of bots, ArIES is the premier electronics group on campus with a fondness for artificial intelligence. They represent the institute at the annual Inter-IIT Tech Meet but their flagship event remains Srishti, which can be described as their niche. It is this time of the year when this group and its members are at their most active.

## **Recruitment Cracker:**

While the group is open to all, recruitments to the core team occur after Srishti. Enthusiastic participation in the event all but guarantees the job.

# ASME

ASME, which stands for the American Society of Mechanical Engineers, is a non-profit membership organization. ASME IIT Roorkee Student Section, is the first and leading student section of ASME in India. Our mission is to promote and enhance our members' technical competency and professional well-being through quality programs and activities. It is a multidisciplinary robotics group open to all branches. ASME IIT Roorkee Student Section is the only club in IIT Roorkee that is aimed to promote underwater robotics by taking part in Singapore Autonomous Underwater Vehicle Challenge (SAUVC). Every year, ASME IITR organizes nerve-racking Robo war, aka Armageddon, during Cognizance. The club participates in various competitions organized by ASME E-Fest, like Human Powered Vehicle Challenge (HPVC), Student Design Competition (SDC), and Innovative Additive Manufacturing 3D Challenge (IAM3D).

## **Recruitment Cracker:**

Recruitments are held through a test and interviews based on resources we have shared. Some interest in mechanical, electronics, and software will do the trick.



# BlocSoc

Blockchain Society or BlocSoc was formed quite recently to foster the culture of Blockchain amongst the IITR Junta. If you are interested in what drives DeFi, NFTs, Metaverse, etc. you're in the right place. Blockchain provides a secure system, especially for conducting transactions. It is a revolutionising field with diverse applications and has great prospects for the future.

BlocSoc aims to spread knowledge among students through open discussions, projects, talks from industry people, seminars, hackathons and the like. Members of the core team are actively involved in many startups and projects in the field.

While the group is open (decentralised, just like blockchain!) a core team exists for managing the group and its activities. Since BlocSoc is for all things blockchain, 1st and 2nd year students are tested with open ended questions on Blockchain, followed by interviews testing both their technical knowledge and their enthusiasm. 3rd yearites will be recruited via some projects, where they have to solve a blockchain programming puzzle.

## **Recruitment Cracker:**

Apart from that they also have a discord server, and are willing to recruit anyone who's active in building the community there. ACM, BlocSoc, QCG and VLG recruit Designers, from all years, and that's done via a design task, followed by interviews.



CIG is a group made for creating and nurturing excellent relationships with Industries that are mutually beneficial to both IITR as well as the industries. As the name suggests the group is for giving students the corporate experience by conducting various workshops and lectures by corporate leaders and CXOs. One can get a hang of interacting with corporates and other distinguished personalities in the field of research and academia via CIG.

## **Recruitment Cracker:**

Recruitments are held through problem statements and interviews. Good interaction skills are a plus point along with vertical-specific skills.



# DeSign Studio

Design Studio is the official design group of IITR. And no, they're not partners-in-crime with the fine arts section. 'Design is the art of problem-solving' is a common phrase you'll probably hear them saying every time they try explaining to you the difference. DS handles design projects of various kinds, both on and off campus. Their on campus contributions include becoming the Design partners for various events and exhibitions of IITR and off campus involves designing websites, apps, logos etc for nice companies.

## **Recruitment Cracker:**

What you need is the ability to think differently(cliche, we know) - to be able to identify problems in the things around you, be it an e-rick or a chair, and suggest solutions for the same. Creativity with shapes and colors is an added bonus that will get you going for the graphic part of designing.

# dsg



In October 2016, as a subsection of SDS Labs, the Data Science Group of IITR was launched with the aim of developing an interest for and making the campus junta aware of the different areas to explore in data science and machine learning. In their own words, "Being the boom in the market that DS is, there is no doubt on the future of this group."

## **Recruitment Cracker:**

Being a data science enthusiast and having an interest in probability and statistics goes a long way to help in recruitments. They also organize couple of events and hackathons like beginners hypothesis, where the top performers get an edge and are directly called for the interviews.



# E-cell iitr

The Entrepreneurship Cell at IIT-Roorkee is a group of startup enthusiasts that works to cultivate entrepreneurial temper and aims to ignite the minds and nurture the ideas of one of India's most talented students. The members of this group, when not busy with their startups and garnering crores of turnover for their companies love to support and grow to have fun and learn. For the same, they have intra-group hangout sessions, interactions, Team discussions, webinars, and annual trips.

## **Recruitment Cracker:**

If you are passionate about building a product by addressing challenges, this is your place. you just need to join us in our interactive sessions on the latest in the entrepreneurial world, participate in our flagship events Endeavour Entrepreneurship and E-summit, and you will be a part of something special.



# Enactus

Entrepreneurship in the 21st century is not only about creating and growing for-profit businesses but also about sustainability and environmental sensitivity. This is Enactus IIT-Roorkee, a chapter of Enactus. This international non-profit organization believes in investing in students who take entrepreneurial action for others, thus creating a better world for us all. They are currently focused on three major projects and have another project in the works. They are Ark, Khoj, Score and Anushruti. They have multiple verticals such as Ideation, Research & Marketing, Finance, Events, Design, Multimedia and Outreach.

## **Recruitment Cracker:**

Enactus is an open group and anyone who is interested in social entrepreneurship, is welcome to join them as a volunteer. Volunteers who are regular and dedicated are recruited to the core team. They look for people with mind for business and heart for the world.



# Finance Club

The club was established to spur a culture of finance in the IITR campus. Finance Club not only leads one onto a path of career development in finance but it also promotes self development of its members. The club members get it all, ranging from hard work to partying even harder.

## **Recruitment Cracker:**

The members are enthusiastic about participating in finance competitions such as WorldQuant's Global Alphathon, EY's CAFTA, and various other competitions. Be CFA and FRM levels they stand up for all! The finance Insta and Facebook pages have various blogs and posts on finance and related topics to it. Their main competitions include the Quantathon-a quant finance competition, and FinVista-a qualitative finance competition organized for 1st and 2nd-year students every year. Members are encouraged to take up projects in exciting domains from finance. Fortnightly discussions about relevant and current topics from financial markets also take place among the members. Apart from that, the FC also invites guests from various backgrounds, such as HFT, VC/PE, and Investment banking, to share their thoughts and experiences in the form of different events with the campus janta.

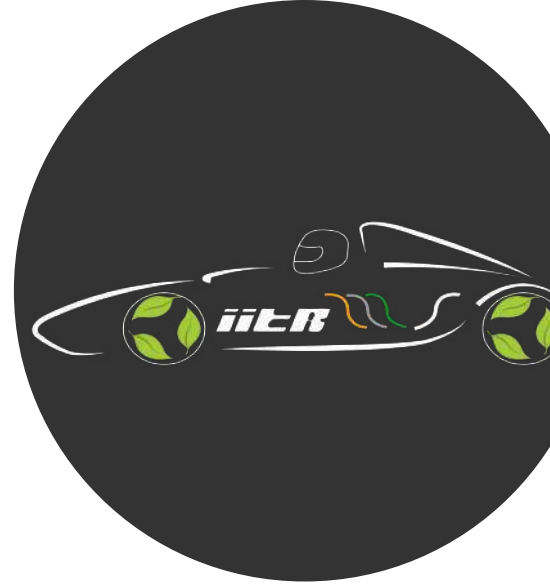
# iGEM



iGEM is the largest worldwide synthetic-biology-based competition, conducted every year in Paris, France. iGEM developed out of student projects conducted during MIT's Independent Activities Period, and has continued to grow with 310 teams (and 5400 members) entering the competition in 2017. IIT Roorkee decided to unfold its own iGem chapter in 2020.

## **Recruitment Cracker:**

iGEM is centred around the field of synthetic biology but it is not restricted to it. In fact, anyone can join the team. We look for people interested in problem-solving, and research not limited to biology but also in the field of computation and machine learning. We also need members for public engagement and outreach. We also look for designers, web developers and videographers to put out engaging content for us.



# IITR MOTORSPORTS

Humans (read aliens) with brains where neuron-transmitted electrochemical signals drift so fast that they manage to fabricate a Formula Style Race car in a span of 365 days. Although the car may appear the same to the naked eye, it's always better and faster than before. The formula style race car is engineered for an international collegiate Design competition called Formula Student, organized by iMechE (Institution of Mechanical Engineers). The race cars have already flown worldwide, from Australia in 2011 to the UK in 2013 (very soon you might see them in UK again). They have managed to secure positions as high as 2 out of 149.

## **Recruitment Cracker:**

Basic knowledge of car systems and a enthusiasm for cars will do the trick. The work involves integration of Mechanical and Electrical systems as well as loads of management experience to bring the car to life. You might also have to get your hands dirty once in a while (or a little more often). But, it's all worth the toil once the Race car speeds down the track.



Located at the Institute Computer Centre, IMG follows your journey from the JEE dashboard (now Rank Matrix) to Placement app. They are responsible for maintaining the channeli and providing technical solutions to all institutional problems. You will most probably find them being the proudest about their Connect-e-dil, which is the only place these nerds can manage to exchange roses.

Their frequent debates, on who-kicks-whose-arise with members of other student bodies which also develops web-apps, on Quora, provides healthy entertainment for people who are not a part of either. (If you're on campus, check them out on <http://channeli.in>). IMG, SDSLabs and MDGSpace prove a rallying point for aspiring web-developers and programmers. They enjoy grand chapos in their AC offices and make everyone jealous by posting about it on facebook.



# InfoSec

Founded in 2016, InfoSecIITR is a group of information security enthusiasts. They regularly participate in competitive hacking competitions and have been consistently ranked among the top 3 CTF teams in India. Like their sister groups, they also conduct a number of competitions and workshops to raise awareness about the surprisingly niche field of cyber security.

## **Recruitment Cracker:**

InfoSecIITR is a semi-open group and everyone is invited to attend their meetings, with regular participation being the only entryway into the secret core team.



# maRS

Interested in being the next Tony stark? Give up, you don't have the looks for it. Anyhow this group might not help you achieve this dream of yours but can be a one stop destination if you're interested in robotics, artificial intelligence and everything related to it. You will get to experience their good work and hear about the numerous competitions they have won during the workshops and sessions they will conduct, helping you get a wider view of what robotics is and what it means to them.

## **Recruitment Cracker:**

With projects being floated at different times during the academic year, you can get a taste of the work they do firsthand and showcase your work during Shrishti, which should be one of the most important events for you if you plan to be a part of this group.

.mdg

# mDg SPaCE

MDG Space is a team of software wizards and design sorcerers who aim to explore, ideate and develop products for the Roorkee campus and the world beyond. In the transition from Mobile Development Group to MDG Space, their scope has expanded beyond mobile development and they are on the expedition to explore a new ecosystem of technologies through their own medium called ".mdg"

Projects like Appetizer, Codephile and the E-Certificate portal are accessible digital solutions for the campus junta, while other endeavors like blogs and podcasts and open source projects are how they participate in the worldwide software and design communities.

## **Recruitment Cracker:**

Recruitment Cracker: Join them in their interactive workshops on the latest in the tech world, participate in their flagship hands-on learning programs Droid Wars and Season of Code, and check out their latest podcast MDG Talks. You can find them at [mdgspace.org](http://mdgspace.org)



# PaG



The programming and algorithms group spearheads the competitive programming movement in the campus. Like SDS, MDG and IMG, this group is held in high regard for converting novice programmers into lucrative and sought after coding machines for companies and varsities alike.

## **Recruitment Cracker:**

Organizing intra campus coding competitions and sending contingents to national and international competitions are some of the activities this group undertakes. Overhearing someone sleep talk about syntaxes and math jargon is a scientifically proven way to identify a member.



# PaAC

With a rich history of 50+ years, the Physics and Astronomy Club is among the oldest clubs in IITR. It is a collection of high school geeks that have graduated to 'amateur professionals'. Not only do they have telescopes for stargazing, they also organize competitions like Integration Bee with an IITR twist and their annual physics, maths and logic quiz: Nerdigram. You can expect enriching discussions as part of journal club and group discussions with topics from metaphysics to philosophy and everything academia. They also do Astrophotography – photographing the skies, stars, nebulae and more! They even have terraces designated to them for stargazing.

The technical side of PaAC gets very intensive with all the physics and maths that they do! Placing themselves 2nd in the Inter IIT tech meet is no easy feat after all. Not just that, they have a culture of exploring the experimental side of physics, which requires a knowledge of a lot of engineering disciplines. This also leads to frequent collaborations with other technical clubs and projects in IITR.

It's basically everything you expected from life as an eighth grader, but on steroids as these guys push the limits of that curiosity and zeal to learn!

## Recruitment Cracker:

They're an open club and hence all their activities are open to everyone on campus. If you still want to join them in their behind-the-scenes, they appreciate a curious mind with a knack for logic, a clear thought process and a willingness to teach.



# qcg

Quantum Computing (QC) is revolutionizing the world of science and technology by pushing existing boundaries of classical computation. QC has applications in multiple domains like finance, machine learning, hardware, operating systems and the like. Built on the fundamental principles of quantum mechanics, QC is a beautiful combination of physics, mathematics and computer science.

The Quantum Computing Group (QCG) at IIT Roorkee, formed in September 2020, is an open group under ACM that conducts open discussions, paper reading sessions, hackathons, workshops and projects that give students exposure to the advancements going on in the quantum computing sphere worldwide.

Several members of QCG have published research papers in various domains of quantum computing. QCG annually conducts a quantum computing hackathon during the Autumn Semester. In 2021 and 2022, their hackathon was conducted in collaboration with IBM Quantum.

## **Recruitment Cracker:**

While QCG is an open group, recruitments for the core team are majorly held for 1st and 2nd years, irrespective of your branch. If you are aware of the basic concepts covered in the discussions and are willing to work for the group, then you are good to go.



# RoboCon

This rather innocent group of ambitious students of IITR broke into the limelight a few years back, following their spectacular performance in the Robotic Contests (Robocons) organized by Asia Pacific Broadcasting Union (ABU) and its member countries. Robocon is the biggest international robotics competition in the Asia- Pacific region.

The magnitude of the competition can be judged from the fact that only one team from a country is allowed to participate, with the host being allowed to field two teams. Participation in it requires inputs from all fields of robotics with heavy emphasis on concept design, robot programming, etc to achieve a predefined goal based on a theme declared by the host country. Team Robocon of IITR finished 7th in the national stage and won the award for Best Innovative Robot. Since the past 2 years, they have been participating in the prestigious rover challenge series (International Rover Challenge, European Rover Challenge(Poland) and University Rover Challenge(Utah, US). They came 14th in ERC in 2021, and most recently came 9th in International Rover Design Challenge 2022.



# Sae

Society of Automotive Engineers (SAE) is a group of enthusiastic and self motivated students who strive to pursue their interests in automobiles. It is a collegiate chapter of SAE India, which is affiliated to SAE International -- a society which sets standards for materials and design in automotive fields.

SAE organizes workshops and lectures on various topics to fuel the interest of students in automobiles. It also organizes industrial visits to automotive and allied industries in Roorkee's proximity.

The main objective is to foster automotive culture on campus. It hosts Powerdrift -- a remote controlled IC Engine car competition -- which adds a major thrill to Cognizance, the tech fest of IITR. The students can also take Open Technical Projects under SAE to get hands-on experience in automobile building.



# SdSLabs

SDSLabs is one of the most iconic groups of IITR. It's initiation in 2010 acted as a symbol of hope for the geek community who were tired of being branded as uncool nerds and banished from the happening places on the campus. SDS also includes various other subsections like Programming and Algorithms Group (PAG), Data Science Group (DSG) and InfoSecIITR.

There's however a dispute over the origin of SDSLabs. Some say that it was established the same time as that of AT&T's Bell Labs and helped in the development of Unix. We don't believe them, as after all, Unix was made by God himself.

Members of this section are responsible for winning arbitrary hackathons, organizing the most fun and educational workshops and lectures for the junta of IITR, developing really cool applications like Muzi, Study Portal and Cerebro, and also hacking into your ex's facebook profile. (check them out on: <https://sdslabs.co/>)

## **Recruitment Cracker:**

Attend their lectures and workshops, and keep an eye out for the competitions they regularly hold, as winners may get to skip the tests and buzz straight to the interviews.

# ShARE

The Roorkee chapter of the non-profit organisation Sharing Analysis of Regional Economies (ShARE IITR) is the official Consulting Club of IIT Roorkee. ShARE IITR aims to promote the pursuit, discussion and exploration of consulting amongst the Roorkee Junta. The group has been instrumental in their vision of building a solid community of efficient problem solvers and strengthening the growing culture of Consulting, Analytics and Product Management.

The members of this group work on Consulting and Analytics projects and solve Product Case Studies while following a well-planned course structure shared by the global team at ShARE. They organise case challenges and have some of the best case solvers.

## **Recruitment Cracker:**

If you wish to explore domains like Consulting, Analytics and Product Management, you'll be the right fit. They expect one to have critical thinking skills while solving Guesstimates and Case Challenges.



# team KNOx

Team KNOx is the official off-road racing team of IIT Roorkee. The team designs and fabricates an off-road vehicle and participates in the International level competition BAJA SAE India, Indore - the most prominent engineering level competition held in the country. Our team has consistently been the top team among IITs for the past many years. In BAJA SAE 2022, Team KNOx has ranked 6th in Acceleration Event, 6th in Manufacturing and 7th in Cost Event out of 150+ participating teams. With unparalleled enthusiasm and passion to tread the terrains, we are constantly on a path of excellence and innovation. This year, we designed and introduced our 4WD model, which boasts of well-engineered features, enhancing convenience, brakability, and acceleration. By 2023, we plan to go all-electric and enter BAJA California with our debut participation.

## **Recruitment Cracker:**

If you are a passionate and dedicated automotive enthusiast, this is the place for you. The group also looks out for people with a creative mindset and out of the box thinking. Any extra skills of CAD or FEA would be icing on the cake.



# tinkering LaB

The tinkering lab is a place where students can experiment with, learn, develop and conceptualize different scientific ideas. It was established in IITR to create an ambience that fosters research and innovation and encourages a problem-solving attitude. During the COVID-19 outbreak, this group was responsible for developing some of the most unique and cost-efficient healthcare products, including approximately 1,000 3D printed face shields provided to healthcare staff and Prana-Vayu, a low cost, portable ventilator. If you are eager to explore, learn, and try hands-on experience on some of the world's best technologies, then this group is perfect for you.

## **Recruitment Cracker:**

Recruitment cracker: A basic understanding of the skills required in your chosen vertical is expected, but more than that a strong desire to explore diverse fields to develop innovative solutions is what they are looking for.



# VLG

Ever wondered how your phone can sort images by the people in them? Or how Siri can speak in full sentences? The Vision and Language Group aims to spearhead the campus Deep Learning culture through various means of disseminating resources on solving such problems.

## **Recruitment Cracker:**

VLG is an open club, so one way of catching the team's attention is by being a regular attendee of their weekly discussions and showing a keen interest in the club and its work.

Moreover, an official recruitment is conducted where students are recruited via multiple ways, like assignments (known by the name 'programming test'), project proposals and pen and paper recruitment test. There is a Core vertical and VLG is also open to recruiting designers.

**CuLtUrAl**



# AUDIO SeCTiON

If a heartbreak ever made you feel like writing a song or releasing a podcast, you are at the right place. The Audio Section is a bunch of RJs, DJs , and music producers who create their own songs – a wonderland for audio enthusiasts. The prime mover behind the crazy campus DJ nights and events all around the campus, we at Audio Section, also host radio shows and have a neat list of podcasts, remixes, and original songs sitting on our YouTube channel.

## **Recruitment Cracker:**

Though there is no strict set of skills that you should have, having a good sense of music and a creative mind gives you an edge. Additionally, preliminary knowledge of surround sounds might win you brownie points. AudioSec needs you to remain dedicated and enthusiastic as it might be taking up a considerable part of your time and, above all, to remain open to learning.



# Ch<sup>o</sup>re<sup>o</sup>gRaP<sub>H</sub>Y aND DA<sup>n</sup>ce

If you are a typical Indian dancer who reluctantly dances in baraats, this section is not for you. Although, saying that it requires prodigious dancing skills (that make Mithun Da go Kya baat, 3 times) isn't completely accurate either. Choreo (in IITR lingo) trains parttime dancer IITians into complete performers. Their shows are generally filled with power-packed performances, with the dance-forms ranging from Jazz, Western and Contemporary to typical Bollywood, Punjabi and South Indian.

You get to glimpse their year-long hardwork in the cultural week, their performances in Footloose (Thomso event) and flash mob(s) they organize in Thomso and Cogni. If you are really lucky, you get to star in your very own YouTube music video (read: Shape of You) and face an onslaught of selfie requests from the insane fandom.

## Recruitment Cracker:

Being a good dancer (in others' opinion) is more than enough.



# CiNeMa CluB

In ancient days, the students of IIT Roorkee used to hold movie screenings for the R-junta every weekend where everyone, from professors to students, had a great time. Somewhere down the line (we think after the release of movies like Jai Santoshi Maa) the tradition was discontinued.

The Cinema Club was restarted a few years back by some brave souls. After two really fantastic screenings of newly released movies, it is exactly what stands between the students and mass-suicides here in IIT-R. It organizes the special screenings of movies partly because there is no other cinema hall within 10 kms of the campus, and partly because the members don't have much else to do. These screenings (which are free of cost, by the way) are met with much fanfare in Convocation Hall bottled down to its full capacity.



# CiNEmATiC SeCtiON

CineSec (in IITR lingo) is dedicated to film and video making on campus. Equipped with professional cameras and instruments, CineSec is responsible for creating short movies, campus news and trends, interviews, animations, info-videos, event coverages and feedback on events in IITR campus. This section deals in various aspects of movie making such as scripting, editing, direction and production. Their works can be found on their official Youtube channel. Though it's not always true, their work can be a little too abstract at times.

## **Recruitment Cracker:**

A knowledge of filmmaking is not necessary. You just need to be a film-enthusiast and show an understanding of what elements are required. Warning: making a film/video requires a lot of patience.



# CuLiNArY CLUB

The group to be a part of if you can endure the constant nagging of your friends asking for free food and are as interested in cooking mouthwatering dishes as eating them. Though still in its nascent stages, it is a community of enthusiastic people coming together to bring their regional cuisines and much more to the junta of IITR. You should visit their student run cafes on the weekends to have a taste of the most delicious food in Roorkee.

## **Recruitment Cracker:**

Open to all interested students though there is a recruitment process to be a part of the team running the Student cafes, some past cooking experience will come in handy. Having the ability to cook Maggi might not be the talent they are looking for.





# DEBATING SOCIETY

Fondly known as the DebSoc, the section is filled with people who pride themselves over formulating arguments over things they might or might not have a pinheads' worth of knowledge about. Their facebook pictures inevitably feature a podium, a raised hand and Debsoc members themselves; however, these pictures should not be misinterpreted as Nazi propaganda.

The society also conducts knowledge sessions and open debates for the betterment of the IITR junta, featuring topics such as economics, geopolitics and history.

## **Recruitment Cracker:**

No previous debating/public speaking experience is required. Only a knack for logically and rationally thinking out things will be enough for you to become a part of the society.

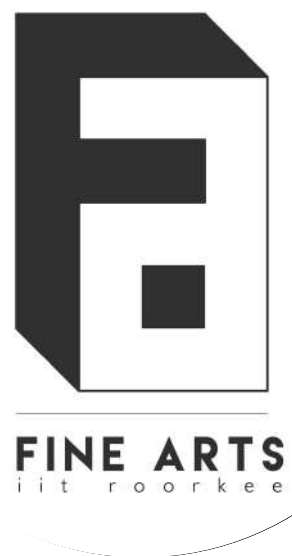


# Dramatics Section

The Broadway of IIT-R, you can easily identify the members of the Dramatics section by their insanely loud voices and a deep, almost incomprehensible devotion to their scripts. Known for their religious practice routines and a fierce perfection in plays that make people laugh, cry, angry and, in a few cases, scared (we are talking about Badal Sarkar's Baaki Itihaas here), the Dramatics section performs 3 stage plays and one street play every academic year.

## **Recruitment Cracker:**

The Dramatics section is perhaps one of the toughest Cultural Society groups to get into. A booming voice is a must. Having a repertoire of cheesy Bollywood monologues also helps.



# FiNe ArTS

Who keeps the artistic streak within everyone and everything alive?

It is the Fine Arts Section, an open skill-sharing platform for all the art enthusiasts of R Land, since early 1960s.

Currently, we are a group of 60 students across all years of UG, PG, and Ph.D.

We regularly organize workshops related to various art forms, Sketchwalk, Art contests, Displays, etc. Friends Of Section is also conducted to invite interested people and give them a chance to learn and create and bring out their artistic side.

We host an Annual Art Exhibition- 'Darpan' to showcase our finest artworks in April.

One can also easily spot the numerous wall paintings done by the group throughout the campus on various occasions.

Members of our section are regular participants in Inter IIT Cultural Meet and other competitions and fests organized by other colleges.

We have also been associated with social work by conducting workshops and fundraisers for Nanhi Kaliyan and Anushruti academy.

## **Recruitment Cracker:**

This is an open group, but recruitments are held for the selection of a core team for managing the section. If you have a flair for creating visually appealing things out of anything that leaves a mark, this place should feel like home.



# IRMUN

IRMUN provides an academic simulation of the United Nations where students play the role of delegates from different countries and attempt to solve real-world issues with the policies and perspectives of their assigned country/portfolio, encouraging students to develop critical and diplomatic thinking on various issues related to past, present and future.

Within 6 months of the formation of IRMUN, we conducted IIT Roorkee's first Inter College MUN event online, attracting participants from institutions across the country, and are establishing a unique culture of Model United Nations in our institute.

## **Recruitment Cracker:**

MUN enthusiasts who wish to learn more about India and the world are welcome to join our team. The team welcomes your vision and perspective on various political and cultural settings. Students should be eager to present creative, innovative ideas. We want students with leadership and team-building skills.



# MUSIC Section

Music is a way of life at IITR. After being classified on the basis of gender, year, branch, group, societies and number of Bun Samosas you can eat in a day, you can, and will be, classified on the basis of the kind of music you listen to. The Music Section of IITR consists of some very remarkable artists who showcase their talents and semester-long hard work at shows like Prelude, Dhun and Swaranjali. The diversity of artists in this section is quite unique. From Indian classical to western hard rock, this group has all kinds of musicians, each with a distinct taste in Music. Selection in this group is based purely on skill.

## **Recruitment Cracker:**

Less chances of selection if you are just another aspiring IITian with 2.5 months of practice on acoustic guitar (there are more than plenty).

# OnRec



OnRec is a group of storytelling enthusiasts. They believe that stories allow people to learn from other's experiences and have infinite power to touch the heart and teach us a thing or two along the way. To put it simply, they are the Storytellers of IITR.

They have multiple initiatives under their umbrella- Offbeat Podcast Series, Class Stories of the respective graduating year, First Impressions, among other individual podcasts with notable guests. (Check out their youtube channel to explore all the playlists). These stories continue to motivate and inspire students and their audience. Every opinion matters, and team members are encouraged to propose ideas for all verticals. Going with the openness in their culture, there is no hierarchy and members are allowed to explore other verticals as well.

## **Recruitment Cracker:**

OnRec looks out for people who are eager to learn and can commit to helping produce content to supplement a student's existing knowledge.

# PHotogRaphy club



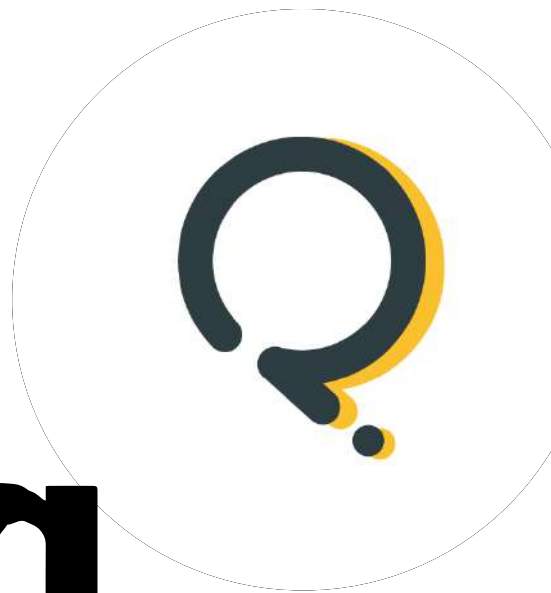
If your interests include capturing beautiful moments happening around but not limited to posting every picture you take on a page dedicated to your "photography" then this group might be the haven you are looking for in campus.

For a glimpse of their work look out for their annual exhibition 'lumiere' during cognizance.

## **Recruitment Cracker:**

The recruitment process includes showing some of your best work followed by an interview where your basic knowledge of photography is tested. Impress them to get in.

# THE quizzING Section



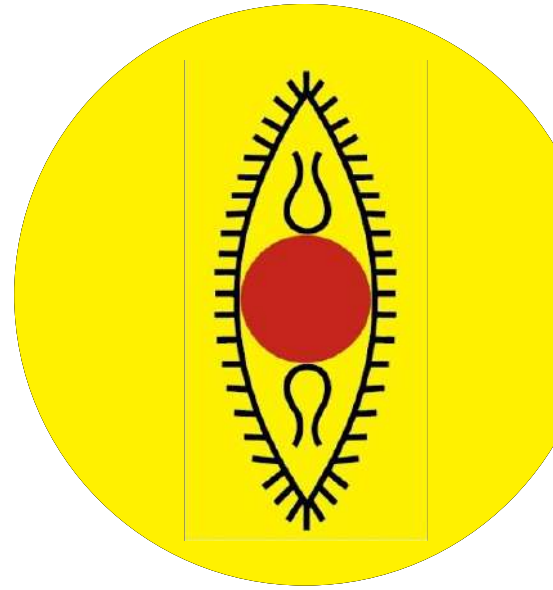
The quizzing section is an open group (only) which is open for participation from the entirety of the IITR Junta. If getting overly enthusiastic about knowing trivial details about things that hardly matter when it comes to improving your grade or bagging that 30 Lpa job gets you excited, this section welcomes you.

The section organises a Freshman Quiz at the start of the academic year, and also sends contingents to Nihilanth, the annual inter IIT-IIM quiz, which is considered the Mecca of Indian Quizzing.

## **Recruitment Cracker:**

This is an open group and no formal recruitment is held. Although regular attendance in quizzes can get you a place in the Nihilanth/Inter IIT contingent.





# SPIC MACAY

Society for Promotion of Indian Classical Music and Culture amongst Youth, is an international organisation and its chapter in IIT Roorkee organizes a plethora of cultural events throughout the year. The events, as the name of the group dictates, consist of Indian classical music concerts, folk dance groups, traditional drama, movie-screenings and other shows where there's a possibility of you running into your Profs. Contrary to popular belief, the members of this section are probably the most active members of any campus group - as seen by the sheer number of events they organize during the academic year.

# Stand-up Section



The Standup Club is a place where one gets to take their jokes from the bhawan mess to the stage. This group was formed with the intention of creating a culture for standup comedy on campus because writing jokes on answer scripts is a bit of a gamble (we do not endorse this, do not try this). The group organizes open mics where you can try out your content. The club also organizes one major show called Jokes Apart, at the end of every semester, where you get bigger audiences and is touted to be the R-equivalent of Netflix specials.

## **Recruitment Cracker:**

The auditions require you to come prepared with a two-minute set of original jokes, so it is a good idea to watch a lot of stand up comedy, and observe everything around you. There is content everywhere, they say.

**SoCiAL**

# ccf



Founded by Professor Gargi Singh, CCF is an organization run largely by students and professors with the aim of caring for animals in the R-Land. In the past, it has rescued and helped dogs, squirrels, endangered birds etc.

## **Recruitment Cracker:**

No recruitments are held. Anyone can go ahead and volunteer to do something nice for the non-human residents of the campus.



# CRY-IITR

Their activities include conducting regular visits, campaigns, donation drives, and surveys to collect information and raise awareness about the RTE (Right to Education) Act. Even during the pandemic, their team persevered, admitting 12 out of 18 successful applicants to schools and starting an online mentorship policy. Currently, 30 kids are enrolled in their daily mentorship program at Majra village near Roorkee.

CRY IITR understands the importance of a child's emotional intelligence and growth, and have conducted campaigns on Menstrual hygiene and sanitation, Awareness against Child Sexual Abuse, Mental Health Awareness, etc. Their mentors regularly engage with the students during festivals, recreational activities, etc to create healthy bonds. They even conducted a vaccination drive during the pandemic.

CRY IITR is an earnest effort to bridge the inequalities that exist in the opportunities our children have access too.



# Eco-grOUp

Eco Group was founded in 2020 by first year enthusiasts to introduce the concept of sustainability and implementing techniques to achieve the same in the campus premises.

Since their inception, they've successfully made their mark – They've installed segregation bins in hostels, partnered with an electronic waste recycling company, hosted webinars for the village students in collaboration with UBA, worked along with NSS for several awareness campaigns. They've recently collaborated with Indeanta for e bikes and scooters (be on the look out guys). Other projects include solid waste management systems, biodegradable cutlery, residential segregation in apartments, miyawaki forest and maximising solar efficiency in the campus.

The Eco Group is currently under the umbrella of the Institute Green Committee with the Director as Chairman. The group will keep brainstorming towards its goal to incorporate new ideas and technologies for a sustainable environment in IIT Roorkee campus.

## **Recruitment Cracker:**

Do you want to solve humanity's current greatest crisis? Did you know India is the 5th most vulnerable country to climate change? Are you determined to be a part of the solution? Then hop on, you are already enlisted in the green army!



# OUTReAch

Outreach cell, IIT Roorkee, is a student-led community under the aegis of Dean of Students' Welfare, IIT Roorkee, to connect the outside world with the culture of IIT Roorkee.

They spread the message of IIT-R to places near and far, and their simple motto is to help new students achieve excellence. They glorify the advancements of IITR and aid aspirants and future students to make life-changing decisions. They are the one-stop destination to introduce you to the modern life and traditional values of IITR, securing this bond at your fingertips.

Outreach is a group of students with inherent leadership skills, wanting to make a difference and to work for the development of the institute. Apart from the usual work, students get to know more about how things work in the institute.

## **Recruitment Cracker:**

To get recruited you just need to have passion to drive you towards working for your institute and some basic knowledge about stuff that happens in the vertical of your interest. Recruited students are expected to be motivated towards improving the image of the institute, should be passionate about the work in the group. Students are encouraged to check out our website and their insta handles.



# qAGaAR

Qagaar is a group that aims to create a safe, welcoming, and accepting environment for all and foster a healthy supportive atmosphere on the campus. It aims to sensitize the campus junta and turn it into a safe space for all. Brought back to life amidst the Pandemic, their current focus is to help people learn and unlearn things they've been conditioned to think about the LGBTQ+ community.





# uba

UBA, an MoE flagship programme, is an initiative aimed at using the knowledge base of institutes of higher education to find solutions to ground-level problems in local communities. A group of about 80 students form UBA IITR's team. They have adopted 5 village clusters and organize regular visits, where they identify existing developmental challenges in these villages, hold brainstorming sessions to find appropriate technologies and evaluate the feasibility of solutions, and implement these solutions.

In the past few years, their team has completed several milestones, like organising Self-Help groups to increase women employment and self-reliance, Dental Camp, SHG development (Holi and Diwali stalls), Public Library setup, Setting up FPO (Farmers' Producer Organisation) stalls 'Water-ATM' initiative, Samarthya, etc.

## **Recruitment Cracker:**

They are looking for students with natural, genuine empathy and a willingness to work and create impact. A basic understanding of rural governments and management is always a bonus. Passion, and a good vision are traits we look out for in our interviews, and they'll try to put you on the spot with tricky situation-based questions, which they hope to get balanced, confident answers for.

**MaGAZiNEs**

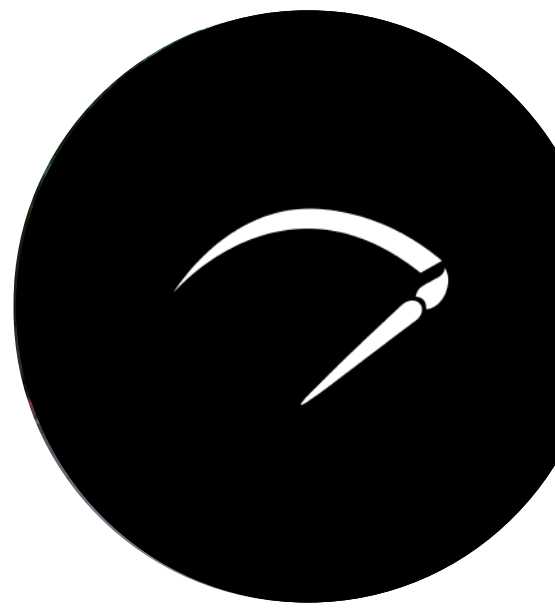


# Geek GAzette

Started 6 years ago as a technology oriented magazine, Geek Gazette functions under the aegis of the ACM IIT Roorkee Chapter. Growing out of their original aim, GG has expanded to include topics even obliquely related to technology.

The functioning is similar to other magazines in the campus, with the magazine being divided into four verticals: Editorial, Finance, Design and Web Development.

They come out with a self-financed semesterly issue which opines about topics that are covered in extensive detail in the boundless abyss famous around the world as the internet.



# Kshitij

Kshitij is the official literary magazine of IIT Roorkee. They publish stories and poems written by the students who are part of it and also host open editorials (in both Hindi and English). The frequency of publishing varies from 3-4 magazines per year. Like their fellow campus magazine Geek Gazette, their team has four verticals: Editorial (Hindi & English), Finance, Web-Design and Design

## **Recruitment Cracker:**

Different cells require different characteristics: Writing well for Editorials; familiarity with modern designing tools and web-development for Design and Web-D; a knack of convincing people and selling stuff for Finance.



# Watch Out!

Watch Out! is the official news and media body of IIT Roorkee, the group responsible for the creation of this Guide. We cover the happenings and ongoings of life at IIT Roorkee along with the issues that surround the administration, placements, academics, cultural council and bhawans. Some editorials and notorious fake news pieces also make way on our website and Facebook page. In conjunction to the web presence, a print magazine is distributed every Semester.

**BrAnCH**

**SPeCiFIC**

# AiChE

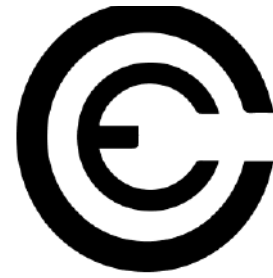


AIChE is the world's leading organization for chemical engineering professionals, with more than 60,000 members from more than 110 countries. AIChE IIT Roorkee Chapter is a team of 15 students who aim to promote the professional development of chemical engineering majors at IITR and to build a community among its members through social activities, career-building events, and service opportunities. Our team tries to bring the exciting aspects of chemical engineering by constantly writing blogs and delivering interesting posts through our social media handle. We also conduct events like Alumni talks, quizzes, and workshops to increase the understanding of chemical engineering among its followers.

## **Recruitment Cracker:**

AIChE has something for everyone; with different sections in their group namely Design, Web Development, Editorial and Core Chemical oriented vertical. This group just requires a problem-solving mindset. You need to have the motivation to solve real world problems through your knowledge. A curious mindset and motivation to explore various things is all that you need to crack this group.

# CEC



Civil Engineering  
Consortium

Civil Engineering Consortium (CEC) is the official departmental group for the Civil Engineering Department of IIT Roorkee. The society organizes official freshers & farewell, various case studies, guest lectures and workshops partnered with industry leaders and experts. It also organizes the annual civil fest - Civil Conclave and a sports meet - Eklavya, which witnesses participation from various other IITs.

## **Recruitment Cracker:**

A problem solving mindset is much appreciated here. A knack for solving real world problems and interest in case studies is just enough to get into this group.



# ECSS



ECSS (Electronics and Communication Students Society) is the first official student body representing the ECE department. There has always been a lack of awareness among students about pursuing a career in core electronics, despite the existence of a thriving community of core companies and vast research scope. Also, the student-professor relationship in ECE is highly limited to academic activities. The group thus works collectively to promote core electronics and foster a healthy student-teacher relationship. It is a new group formed this year in April. It has organized faculty talk series, including a talk on Drone technology and its challenges. In the present semester, the group is organizing an alumni talk.

## **Recruitment Cracker:**

ECSS being the first student society of ECE, welcomes everyone from the ECE department, including master students. The spirit of volunteerism and motivation to work for the flourishing core electronics culture will benefit the students applying for the recruitment process.



# EESS

Electrical Engineering Students' Society (EESS) comprises a bunch of electrical engineers who aim to help the students of the EE department by organising various events, alum talks, placement talks etc.

They also float open projects under professors of the department. Additional perks of joining this group is interaction with professors, alums, and seniors of the department which also helps polishing your communication skills.

## **Recruitment Cracker:**

EESS has something for everyone; with different sections in their group namely Design, Sponsorship and finance, Tutoring and Mentoring, Web Development, Editorial, Operation and Alumni Outreach. The main aim is to organise events in the department and increase interaction among department members. There is no specific prerequisite for joining the group, just enthusiasm to learn and work for the department will lead you to EESS!



# Miess

Mechanical and Industrial Engineering Students Society (MIESS) is the official society representing the students of Mechanical and Industrial Engineering department of IIT Roorkee. Its aim is to build a strong interaction between students and faculty of the department and hence act as a medium for students to put forth their views over to the ones in-charge. We hold various internship and placement talks with esteemed alumni and seniors and organize workshops in collaboration with other societies. Events and competitions are regularly held, like Nascence- the formal freshers event of the MIED department and Mecholympia.

## **Recruitment Cracker:**

We have three verticals- Events: handling the managing side of things, Editorial: handling the messaging and advertising side of things and Design which handles the poster making and other related tasks.

**MiScELlAnEoUS**

# ARp

The Academic Reinforcement Program aims to facilitate, encourage and reinforce the academics among the student body. For this purpose, several initiatives like placement and internship blogs, career guidance talks and UGTaship, an initiative to facilitate the academic transition of freshmen from school level to University level, are carried out by the group.

## **Recruitment Cracker:**

Creative thinking ability, people management skills and a drive to help others will fit you right in. More than technical skillset, the group is looking for individuals willing to give their best at honing their skillset by helping others and developing a better system



# CDC

CDC is a student led group that aims for providing quality training avenues and skill development. The cell strives to ease access to nascent career prospects in corporate, industries as well as academics. The cell acts as a bridge between alumni and students through conducting workshops, seminars, lecture series, mock interviews. Mentorship and connections with think-tanks of the industries is what CDC helps with. There are five verticals open for recruitments: Promotions and Liaising, Events and Operations, Analysis and Research, Outreach and Corporate Relations, Content Design and Social Media Management.

## **Recruitment Cracker:**

Discipline and dedication is all that is required. The cell requires a fair share of your time and efforts since every action has challenging and dire consequences since coordination is an end to end process with various companies. Good speaking, confidence and proper management skills help. Also a person open to exposure to talk to executives of reputed companies is welcomed..



**ESPORTS**  
IITR

# Esp0rTs

One of the newly made clubs, eSports is a playground for PC and mobile gamers of R-land. It is the group for all who love gaming nights, random discussion over latest game reveals, streaming events and much more. Few of the successful events conducted by them included Inter-Bhawan Valorant tournament, walk-in events like “Arcade Kaishi” and sundry role-playing, FPS and other games.

## **Recruitment Cracker:**

The group looks for hard working individuals who are just as passionate about promoting the eSports culture, people who are willing to put in their blood and sweat to make an impact. Looking from technical aspects, Operations, Video editing, Designing, Sponsorship and Promotions are major work areas inside the club. Learning these skills would surely assist you in the recruitment process.



# iARc

Institute Alumni Relations Cell (IARC), is a cell working under the aegis of Dean of Resources and Alumni Affairs. It aims to bridge the gap between alumni and student community for the mutual greater good. This is achieved by the group members by carrying out various initiatives. Some of the events organised by them are-

**Raionzo** The student-alum fest, usually held right after the freshers join college(i.e, in a world untouched by Covid virus). Fun fact, we're the only IIT to hold such an event!

**R land:** An initiative by IARC team to connote students about the history of our institute.

**ACT (Alumni Career Talks):** Seminars and sessions by prominent alumni to enlighten students about various fields.

**Class Song:** A dance and music performance by the graduating students, featuring their college days.

## Recruitment Cracker:

If you're interested, and have ideas about improving relations with the IITR alumni- this is the place for you. Volunteer and participate in their events(Raionzo Fest, for eg.), to learn more about their activities.





# P-BLOCK

P-Block is a community of Product-Minded people aimed at improving learning and simultaneously working together to build & launch new products. PM, which stands for Product Manager entails a job that is to identify existing user problems, carry out user research to validate it, come up with product ideas & execute these ideas within given constraints! At P-BLOCK, one learns to keep up with the latest product innovations & startups, attend cohort-based live classes, monthly discussions of relevant study materials & interview sessions with industry experts and build products to solve real-world problems.

## **Recruitment Cracker:**

A genuine interest in the functioning and positioning of the products one uses everyday forms the most basic prerequisite to join this group. Knowing more about product development serves as a bonus. (Per suggestions by the members of the P-Block, YCombinator is an excellent resource for learning about product development and startups).



# PIC

Heard of the whooping crore plus packages and 1000+ placement offers within the first 72 hours of the placement season? PIC is what handles these. The cell anchors the on-campus placement and internship drive with the team of 15 placement managers, 30-40 coordinators and more than 100+ associate coordinators. PIC has managed to bolster its relationship with the recruiters and the companies, with the echoes around of the splendid stats and rankings when it comes to placement and packages compared with the fellow sister IITs.

## **Recruitment Cracker:**

Discipline and dedication is all that is required. The cell requires a fair share of your time and efforts since every action has challenging and dire consequences since coordination is an end to end process with various companies. Good speaking, confidence and proper management skills help. Also a person open to exposure to talk to executives of reputed companies is welcomed..



# Student Mentorship Program

Often a freshman's life becomes a tightrope walk between diving into various co-curriculars while chugging along with the daily ordeal of academics. In an effort to foster a healthy interaction with senior students, the institute has flagged off a Student Mentorship Programme (SMP).

The SMP reforms the inhibitions to senior-junior interaction and constructive information flow, imposed by a plethora of reasons, both administrative and otherwise.

The mentors are carefully selected to help guide their mentees on academics, co-curriculars and help by supporting them through personal problems as well.

# Wellness Centre



## Express Engage Emerge

Their Counseling Services help students to focus on and understand more clearly the issues that concern them. This includes tackling personal, family and peer problems as well as managing academics more responsibly.

Asides from providing a safe space for you to come talk freely- The enthusiastic student members at Wellness Centre conduct many activities and events to engage the R-landers. Regular Expression events in which they encourage people to come express, and let their feelings out on paper, by virtue of either writing (Essay competitions), drawing, quizzes etc.

Expert talks, webinars on sensitive issues are frequently organized. Building community through fun in person events and workshops like yoga meditation, Sensitisation of faculties towards, students' workshop, Psychological first aid workshop etc. Members from Wellness Centre also hold representation in the Students' Aid Committee and IITR Hospital Regulatory body.

## Recruitment Cracker:

If you're empathetic and sensitive towards your peers, and show the willingness to help them, you'll fit right in. Visit Wellness Centre office, volunteer and join their workshops/talks to know more about how they work!