



# WELCOME CLASS OF '24

A guide to the first year at IIITB for students

# INDEX

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## 1 WELCOME NOTES

*Welcome Note - Square One*  
*Message from the Director*

## 3 ACADEMIC CALENDAR

*Event list*  
*List of holidays*

## 4 KNOW YOUR CAMPUS

*Aryabhatta*  
*Ramanujan*  
*Bhaskara*  
*Lilavati*  
*MPH*  
*Visvesvaraya*

## 6 INDUCTION SCHEDULE

## 8 COLLEGE LIFE & FACILITIES

<i>Sports</i>	<i>Medical Facilities</i>
<i>Clubs</i>	<i>Visitors</i>
<i>SAC</i>	<i>Entry &amp; Parking</i>
<i>Internet Committee</i>	<i>Laundry Services</i>
<i>Food Committee</i>	<i>Events</i>

## 15 PRACTICAL MATTERS

*Furniture*  
*What to Bring?*  
*Laptop Guide*  
*Hostels - Bhaskara*  
*Hostels - Lilavati*

## 20 ACADEMICS

*Courses*  
*LMS*  
*Grading*  
*Scholarships*

## 22 DISCIPLINE

*Rules of the Institute*  
*Library rules*  
*Malpractice*  
*Student Responsibility*

## 25 MISCELLANEOUS

*Important Mail ID's*  
*Acknowledgements*  
*SquareOne - The Team*

# FROM THE SQUARE ONE DESK

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Each and every one of you has come to the end of an eventful journey. One which was probably filled with late night struggles dealing with elimination and substitution reactions or early morning realisations about the direction of friction. One which has taught you about the properties of light and enlightened you about the applications of Baye's Theorem and DeMorgan's Laws. One, which has most importantly led you here - to the beginning of a new, more exciting and enriching journey. So are you all set to take off?

Take a deep breath and relax. True, it can be daunting at first. Don't worry we are here to make sure that your transition into IIITB is both smooth and fun!

This handbook is aimed to give you guys a high level idea about the academic, co-curricular, extra-curricular and practical aspects of your life at IIITB for the year(s) to come. DO give it a read and don't hesitate to ask for help and ask questions to any of your mentors, seniors, professors and of course, us!

Through the next 3 weeks or so we hope that you will firstly get to know your batchmates. They are the ones with whom you'll spend the next 5 years and who will in turn become your lifelines and give you laughlines. At the same time you'll also get a flavour of college life and discover what makes IIIT Bangalore the place it is!

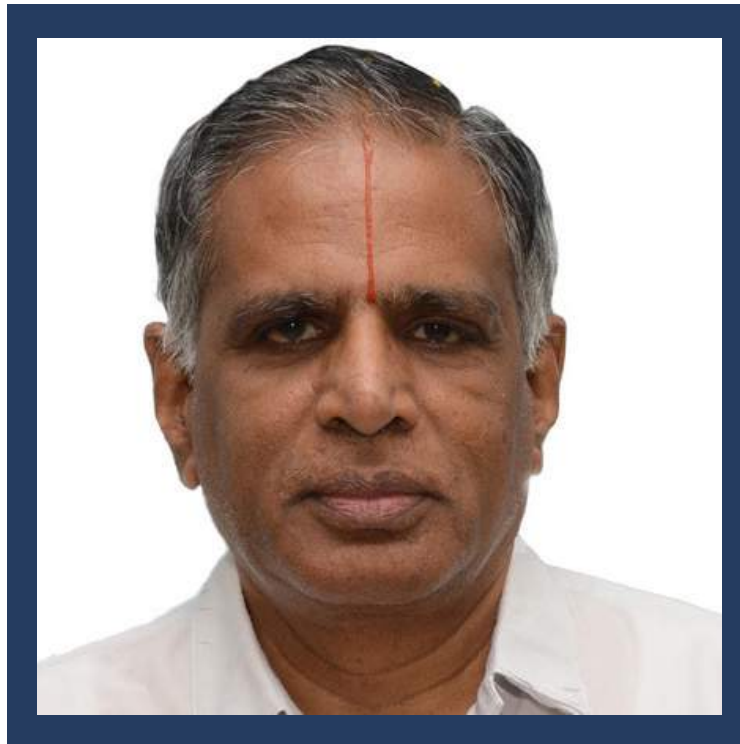
A whole world of awesome opportunities and relationships are going to open up to you while at the same time you will have to face a whole new set of obstacles. Remember, with every step along the way you are making memories which you will cherish when you finally graduate 5 years down the line.

***"Though every journey must come to an end, It's the journey that matters in the end!"***

We are delighted to welcome the ' Class of 2024' to IIIT Bangalore!  
All the best!

## MESSAGE FROM THE DIRECTOR

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Dear Students,  
Greetings from IIITB!

I welcome you all to the IIITB on behalf of everyone at the Institute. Now that you have joined, this is YOUR institute. This is our philosophy. And as this is your institute, you will participate in running it. Our job is to help you run it!

This means that the only thing you will complain about is that you do not have enough home-work, enough projects, enough hackathons and enough opportunities. You will not complain about things such as hot water, hostel facilities, electricity, etc.

And like Arjuna focused on the eye of the fish, you will remain focused on your own education and growth, and that of your friends and colleagues, and of the Institute.

All the best! And welcome to your Institute.

S Sadagopan  
Director, IIITB



# ACADEMIC CALENDAR

Event List  
2019

**CALENDAR FOR TERM I, 2019-20**

Event	From	To
<b>Admissions (2019-20)</b>		
Arrival of new batch (Integrated MTech, MS by Research, PhD)	July 30	
<b>Term I (2019-20)</b>		
Classes Begin	August 1	
Foundation Day	September 15	
Mid Term Exams	September 25	October 01
Mid Term Break	October 02	October 08
Post-Mid-Term Classes Begin	October 09	
End Term Exams	December 02	December 07
Term Break	December 08	December 31

**LIST OF HOLIDAYS FOR 2019**

Date	Event
August 15, Thursday	Independence Day
September 2, Monday	Ganesh Chaturthi
October 02, Wednesday	Gandhi Jayanthi
October 07, Monday	Durga Puja/ Maha Navami
October 08, Tuesday	DurgaPuja/VijayaDashami
November 01, Friday	Karnataka Rajyotsava
December 25, Wednesday	Christmas

**OTHER EVENTS**

Month	Event
September 15 (Sunday)	Foundation Day
October 29, 30 & 31 (Tuesday – Thursday)	RMIT Conference
October 31 (Thursday)	Yamini

Aryabhatta    Bhaskara  
Ramanujan    Lilavati

## KNOW YOUR CAMPUS

### Aryabhatta



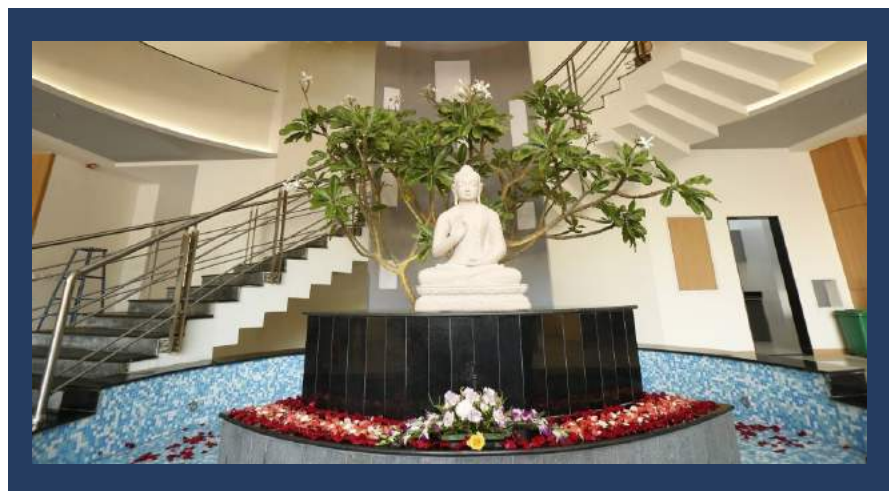
Also known as the “Old academic block”, Aryabhatta is the de facto heart of the college. It houses the main reception, library, classrooms, labs, administration office, the director’s office, faculty offices, etc. The MCRs, Main Class Rooms, are where lectures are held and MCR 106 is where you’ll have most of your lectures for the first year.

The admin office is on the ground floor just beside the reception and any official work is done here. The Director’s Office is on the ground floor. Faculty offices are on the ground and first floors. You can go and meet faculty anytime to ask questions or seek clarifications or advice. The first floor has the library where you can go to study, you can also borrow books. The first floor also has the sports room where you can go and get sports equipment issued. The second floor also has labs and PhD scholars’ offices. There is also a coffee cove on the ground floor where you can get coffee, tea, boost etc. during the college hours and during weekdays.

### Ramanujan

Also known as the “New Academic Block”, the Ramanujan block houses computer labs and classrooms on the ground floor, research labs (MINRO and SRL) on the first floor, along with and seminar halls on each floor.

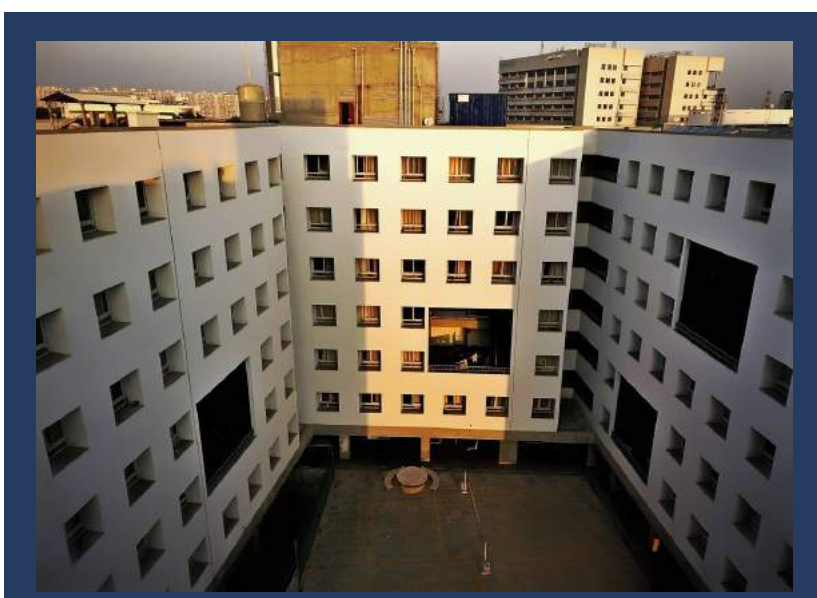
It was inaugurated in 2017 and construction for the second and third floors, which will include an auditorium has already begun.



At the front of the Ramanujan Block is “The Thinker’s Statue” which is by far the most popular spot for IITBians to get a good photo for their social media accounts. Make sure to read up on its past, it might come in handy someday (hint).

### Bhaskara and Lilavati

The boys hostel, also known as Bhaskara has about 400 rooms in 7 floors. There is a common lounge on the first floor along with 3 badminton courts. Lilavati, or the girls hostel has around 260 rooms in 5 floors. Each floor has common rooms and balconies.

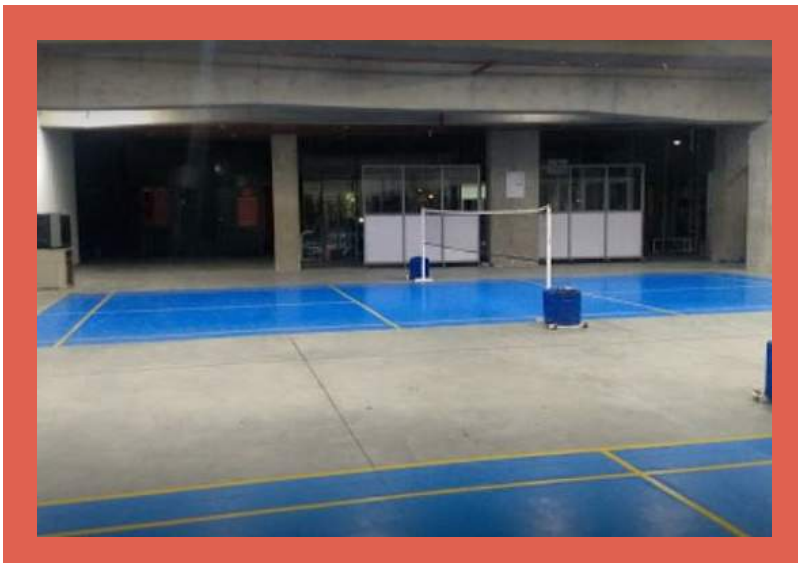




# KNOW YOUR CAMPUS

MPH  
Visvesvaraya

## Multi-Purpose Hall



Multi-Purpose Hall or MPH is the recreational area for all the students at IITB. It is at the ground floor of Bhaskara. It consists of two well-maintained badminton courts, multiple table-tennis courts and mens' gym Shape Up. Most of the events like Freshers' Night, Foundation Day etc. are held here. IPL nearing by, or

any matches you want to watch with your friends together? Worry not, there's a TV too in MPH which you can turn on anytime and watch a match or any other event with your friends. There are carrom boards and chess Boards also at MPH.

## Visvesvaraya

The Innovation Centre or Visvesaraya, as we call it, is a hub for Information and Communication Technologies (ICT) innovation and entrepreneurship. It supports and incubates new ventures by entrepreneurs working on innovative ideas. It also promotes commercialization of products generated by faculty and students of the Institute by incubating their ideas. Supported through government funding and CSR initiatives of the corporate companies, the Innovation Centre has a vibrant end-to-end ecosystem - office infrastructure, mentorship, and access to the industry - for incubating startup companies. With over 70 startups in the Innovation Centre, it has created over more than 100 products. This is that one place you could look for any internship related help or to look for some amazing startups and collaborate with them. From the current academic year, Innovation Centre has shifted to Ramanujan and Viswesvaraya will now be Men's hostel (Except one wing in ground floor where a couple of startups and MIIT would continue and one wing in the fifth floor where guest rooms are there)



Week 1  
Week 2

# INDUCTION SCHEDULE

31-07	WED	8:30 PM - 11:30 PM	R - 203	Breaking the Ice Senior Junior Interaction Student-Mentor allotment
01-08	THU	8:30 PM - 10:00 PM	MCR-106	School to college transition Effective time management
02-08	FRI	8:30 PM - 11:00 PM	MCR-106	Movie Night
03-08	SAT	11:00AM-12:30PM	A-204	Zense - Session 1
		2:00PM-4:00PM	MCR-106	Club Introductions
		6:00PM-7:30PM	MCR-106	TEDxIIITBangalore Introductory Session
04-08	SUN	10:00AM-11:30AM	A-204	CAMP Introductory Session
		05:00PM-07:00PM	MCR-106	League of Fanatics
05-08	MON	8:30 PM - 10:00 PM	A-307	Workshop: Photography
06-08	TUE	8:30 PM - 10:00 PM	A-307	Workshop: Photography
08-08	THU	8:30 PM - 10:00 PM	MCR-106	Enigma Introductory Session
09-08	FRI	9:00 PM - 11:00 PM	Thinker's Statue	Night Olympics
10-08	SAT	11:00AM-12:30PM	A-204	Zense - Session 2
		9:00PM-10:00PM	Thinker's Statue	Karaoke Night
11-08	SUN	11:00AM-12:30PM	A-204	Workshop: Photography
		02:00PM-04:00PM	Thinker's Statue	Scavenger Hunt

Point of Contacts

- Events on 31-07, 01-08 & 09-08, 24-08 -SQUAREONE
  - Movie Night - Screening Committee([Sriharsha.Chellaboina@iiitb.org](mailto:Sriharsha.Chellaboina@iiitb.org))
  - Club Introductions: Set 1 - SQUAREONE
  - League Of Fanatics - Ameya Kurme([Ameya.Kurme@iiitb.org](mailto:Ameya.Kurme@iiitb.org)), Mohd. Kashif([MohdNazar.Kashif@iiitb.org](mailto:MohdNazar.Kashif@iiitb.org))
- Photography Workshop - Tejas Kotha([Kotha.Tejas@iiitb.org](mailto:Kotha.Tejas@iiitb.org))
  - Karaoke Night - Avik Bhatnagar([Avik.Bhatnagar@iiitb.org](mailto:Avik.Bhatnagar@iiitb.org))  
Ayush Mishra([Ayush.Mishra@iiitb.org](mailto:Ayush.Mishra@iiitb.org))
  - Scavenger Hunt - Deep Inder Mohan([DeepInder.Mohan@iiitb.org](mailto:DeepInder.Mohan@iiitb.org))



# INDUCTION SCHEDULE

Week 3  
Week 4

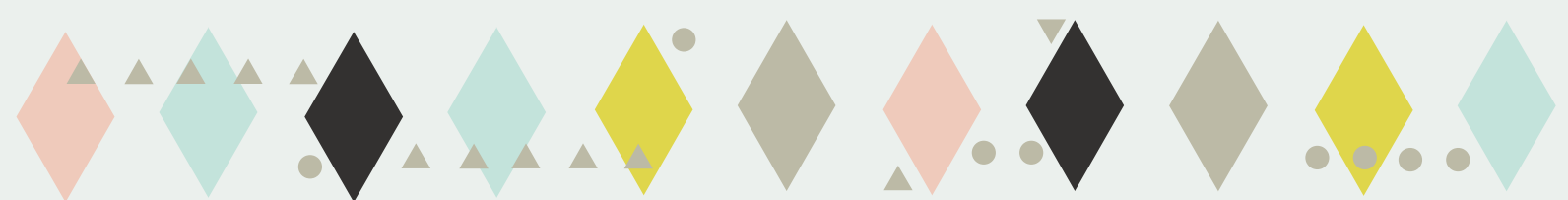
13-08	TUE	9:00 PM - 10:30 PM	A-204/ R-102/ SAC Room/ MCR-106	Workshops : Art/Music/Dance/Debate
14-08	WED	9:00 PM - 10:30 PM	A-204/ R-102/ SAC Room/ MCR-106	Workshops : Art/Music/Dance/Debate
15-08	THU	9:00 PM - 10:30 PM	A-204	Workshop: Visual and Interactive Design
16-08	FRI	7:00 PM - 09:00 PM	MCR-106	Workshop: Create, Communicate Collaborate
		9:00 PM - 10:30 PM	A-204	Workshop: Visual and Interactive Design
17-08	SAT	To be announced		Aikyam Community Service
		10:00 AM - 12:00 PM	MCR-106	Workshop: Create, Communicate Collaborate
20-08	TUE	8:30 PM - 10:00 PM	A-204/ R-102/ SAC Room/ MCR-106	Workshops : Art/Music/Dance/Debate
21-08	WED	8:30 PM - 10:00 PM	A-204/ R-102/ SAC Room/ MCR-106	Workshops : Art/Music/Dance/Debate
22-08	THU	8:30 PM - 10:00 PM	A-204	Workshop: Visual and Interactive Design
23-08	FRI	8:30 PM - 10:00 PM	A-204	Workshop: Visual and Interactive Design
24-08	SAT	8:30 PM - 10:00 PM	MCR-106	Senior-Junior Interaction

### Point of Contacts

- Art - Nikitha Adivi([Nikitha.Adivi@iiitb.org](mailto:Nikitha.Adivi@iiitb.org))  
Jhanwwee Reddy([kanumurushreejhanwwee@iiitb.org](mailto:kanumurushreejhanwwee@iiitb.org))  
Pranav Kedia([Pranav.Kedia@iiitb.org](mailto:Pranav.Kedia@iiitb.org))
  - Music- Ankit Sahoo([AnkitKumar.Sahoo@iiitb.org](mailto:AnkitKumar.Sahoo@iiitb.org))  
Akash Sharma([Akash.Sharma@iiitb.org](mailto:Akash.Sharma@iiitb.org))
  - Visual & Interactive Design  
Shreyas Gupta([Shreyas.Gupta@iiitb.org](mailto:Shreyas.Gupta@iiitb.org))
  - Create, Communicate and Collaborate -  
Ms. Manasi Prasad(Director, Indian Music Experience)
- Dance - Vaishnavi Dhulipalla([NagaSri.Vaishnavi@iiitb.org](mailto:NagaSri.Vaishnavi@iiitb.org))  
Swasti Shreya Mishra([SwastiShreya.Mishra@iiitb.org](mailto:SwastiShreya.Mishra@iiitb.org))
  - Debate - Deep Inder Mohan([DeepInder.Mohan@iiitb.org](mailto:DeepInder.Mohan@iiitb.org))  
Hemanth Chitti([Hemanth.Chitti@iiitb.org](mailto:Hemanth.Chitti@iiitb.org))  
Sriharsha Chellaboina([Sriharsha.Chellaboina@iiitb.org](mailto:Sriharsha.Chellaboina@iiitb.org))

For a more detailed schedule do visit :  
<http://studentkit.zense.co.in/#induction>

The schedule given above is tentative and is subject to changes.  
Students shall be informed about the changes whenever applicable.



# sports facilities

The available sports facilities in the college are:

- Basketball court
- Volleyball court
- Throw Ball court (in front of Lilavati)
- 2 Indoor Badminton courts
- A general purpose field where sports like football and cricket are usually played.
- Indoor games such as Chess, Carroms and Table Tennis (there are TT courts in Lilavati too)

All the sports equipment can be issued from the sports room for a given period of time.

Both men and women have separate gyms and have treadmills and bicycles for cardiovascular workout & also has all the required equipments for weight lifting and strength gaining exercises.

The men's gym - Shape Up, is located in the MPH & the women's gym - Caloriebee is located inside the women's hostel.

The timings of the gym are:

- Monday – Saturday : Morning 6:00 AM – 9:00 AM  
Evening 3:30 PM – 8:30 PM
- Sundays and on Holidays as per the IIITB Calender – Gym will remain closed

# FACILITIES AND CAMPUS LIFE

*Clubs*

One of the best parts of being in IIITB is being a part of the clubs. It is one of the best ways to get to know your seniors. Feel that there is something missing here in the college? No worries! You can start your own club too. We have listed down a few clubs you would be interested to be a part of.

## 8Bit

8Bit is the official magazine of IIIT Bangalore. It is an entirely student-run club, where they are the sole in-charge of editing the magazine, and deciding its content and structure. The magazine provides an outlet for your creativity - all your thoughts, artistic endeavours and humour. The best part about 8Bit is that it is not limited to a specific type of content and has a place for everyone - whether you are a designer, artist, writer, editor, poet or just a social person who wants to know people by talking or interviewing them. Here at 8Bit, the bonds are formed over lively discussion sessions and late night editing and designing marathons.

Contact: [8bit@iiitb.org](mailto:8bit@iiitb.org)

## Aikyam

Aikyam is the social service club of IIIT Bangalore that was started in 2008. It is an initiative taken to help the poor and the needy and to understand our social responsibility. Aikyam plans 'Aikyam Trips' to visit orphanages and spend the day with the children there. It usually collects funds from the students in college before any trip. It buys the necessary items for the children there and also give the funds collected to the orphanage. Generally it visits the 'Desire Society' - a home for HIV affected kids (aged between 3-15), and 'Swanthana' - which is a home for mentally and physically challenged girls. Apart from this, it collects articles like clothes, food and books from the students and donates them to the needy. It also conducts activities at the college to spread social awareness among the students.

Contact: [aikyam@iiitb.org](mailto:aikyam@iiitb.org)

## Chhayachitra

The Chhayachitra (Photography Club) aims to capture each and every beautiful moment of the college's fests and celebrations. Nothing escapes their cameras! Every smile, every moment - whether it's of joy, or just relief from all the exhausting work and every group photo is caught by them. What better feeling can a photographer get other than the perfect click! The club was founded in 2015, and is growing fast and gaining popularity.

Contact: [chhayachitra@iiitb.ac.in](mailto:chhayachitra@iiitb.ac.in)



## CAMP

This club is all about competitive programming! The sharpest of minds work here. Competitive programming involves application of algorithms and data-structures to solve complex problems within the specified time and memory constraints. The club was formed in 2016 and is led by ACM-ICPC world finalists. The club's activities involve group discussions, problem solving and competitions.

Contact: [VaradaDesikan.PS@iiitb.org](mailto:VaradaDesikan.PS@iiitb.org)

## Dance Club

Every time you feel the pressure of assignments and work, the Dance Club comes to the rescue! They provide you with every opportunity to relax, let your hair down, and show us some moves ;). Although the club was formed only in 2016, they have had tremendous participation and the club has grown by leaps and bounds. The club has organized many events, ranging from groovy DJ nights to serious inter-batch dance competitions. They perform at all major college events, be it the college's Foundation Day, or Independence Day. Not to forget their famous Flash Mobs during Infin8. However, the dance club is not just for "seasoned" dancers, it's for anyone who has love and passion for dance, and a willingness to learn. They have had professionals take dance lessons at college, including Zumba sessions and a Bollywood dance workshop during Infin8. And there are always dance jams, where anyone can come and have some fun!

Contact: [danceclub@iiitb.org](mailto:danceclub@iiitb.org)

## Debate Society (DebSoc)

The vision of the DebSoc is to primarily build a debating culture in the college. It also provides a platform to express views on all global matters and to build general social awareness.

It is well known that the ability to express and present an idea or opinion is as important as coming up with the idea itself. The debating club is an opportunity to

1. hone your public speaking skills
2. learn how to pitch ideas
3. stand up for your beliefs and defend your opinions
4. develop critical thinking
5. become more confident orators

Contact: [hemanth.chitti@iiitb.org](mailto:hemanth.chitti@iiitb.org)  
[sriharsha.chellaboina@iiitb.org](mailto:sriharsha.chellaboina@iiitb.org)  
[arpitha.malavalli@iiitb.org](mailto:arpitha.malavalli@iiitb.org)

# FACILITIES AND CAMPUS LIFE

*Clubs*

## Enigma

Enigma, the robotics club of IIIT Bangalore, is one of the comparatively younger clubs of the college. Despite this, it has achieved a lot in the span of three years. The main interaction that the first years would be having in Enigma is through the training programme they have in Arduino. Apart from the Arduino programming interface, you would also learn about various sensors like IR and ultrasonic sensors and also about things like controlling motors using the Arduino. One of the biggest advantages of being in the Enigma club is that it exposes you to different fields and pushes you to learn a lot on your own. Apart from this, Enigma also conducts seminars on various topics like Machine Learning, Signals and their Systems, Inter-Device Communication etc.

Contact: [enigma@iiitb.org](mailto:enigma@iiitb.org)

## Music Club

Music club has been around as long as the college itself. They have had amazing people, with incredible passion and talent. They organise musical nights, where everyone who's part of the club, gets to perform. People in the club also get opportunities to be part of IIIT Bangalore Foundation day, Infin8, Spandan and Convocation. Being a part of the club is a wonderful opportunity to meet people equally passionate as you, people with varied tastes in music and people who might give you a new perspective in the way you look at music. Those late night jamming sessions and musical nights will be totally worth the time you invest.

Contact: <http://bit.ly/ShadowIIITB>

## Parvaaz

One of the most successful groups, Parvaaz has won many accolades for the college in various inter college festivals with their enthralling performances. Parvaaz is a humble effort to bring the artistic expression to the campus in the form of a plethora of thespian talents such as mime, theatre, street play. The members of Parvaaz have delighted the audience by their performances on Teacher's day, Women's day, as well as raised and created awareness on issues like food wastage (along with Food committee), and sexual harassment (along with Internal Complaints Committee), essentially capturing the zeitgeist of quintessential campus life. They also work in collaboration with Chhayachitra in producing promotional videos like Sangam and Yamini promotion, Campus life video etc.

Contact: [theatreartsclub@iiitb.org](mailto:theatreartsclub@iiitb.org)

## Zense

Zense is the oldest running club at IIIT Bangalore. They are a developers' community. They build and break things while working with the bleeding edge of technologies. Their goal is to unite passionate developers and provide them with a platform to collaborate and innovate. They organise seminars on new technologies, conduct hackathons and promote Open Source culture at IIIT Bangalore.

Contact: [zense@iiitb.org](mailto:zense@iiitb.org)

or visit <http://zense.co.in/>

## SAC

Students Activity Council (SAC) is the elected body of IIIT-B students that is responsible for bridging the gap between the students and the administration. SAC plans and organises a multitude of events, both formal and informal, throughout the academic year, that encourages participation from all students. It helps in maintaining harmony between different batches and ensuring that their ideas and suggestions are well represented. SAC is also the first point of contact for the admin for discussing any policy changes or rule initiations/modifications.

Contact: Current SAC: [sac2018@iiitb.org](mailto:sac2018@iiitb.org)  
Next SAC: [sac2019@iiitb.org](mailto:sac2019@iiitb.org)

## Internet Committee

The campus provides you with 24/7 WiFi service from a reliable ISP. Your credentials will be given to you as soon as you join IIIT-B. You will be notified through mail whenever there is any maintenance or shutdown. For any internet related complaints, contact the Internet Committee, or  
Visit: <http://cmp.iiitb.ac.in/projects/internet/issues/new>

## Food Committee

There is a common mess and canteen for all students on the ground floor of Bhaskara. The menu of the mess changes twice a month and all food at the canteen is present at affordable rates. The canteen timings are subject to change from time to time, but it usually stays open till 2 AM in the morning and re-opens at 7 AM. Mess timings are as follows

	Weekdays	Weekends
Breakfast	7:30 - 9:45 AM	7:30 - 10:30 AM
Lunch	12:30 - 2:30 PM	Same as Weekdays
Dinner	7:30 - 9:30 PM	Same as Weekdays

From the current academic year the college has also started the provision for afternoon tea and snacks. The Food Committee, a student run body designs the menu and updates it regularly keeping in mind the various cuisines. There is also a cafeteria on campus.

Contact: [foodcommittee@iiitb.org](mailto:foodcommittee@iiitb.org)

There are many more committees on campus like Branding Committee which helps in organisation of various events and lecture series and Placement Committee which facilitates the placements on campus and co-ordinates with the placement-cell on campus. There are also few clubs like Innovation Studio, Screening Club and SPIC-MACAY on campus.



# FACILITIES AND CAMPUS LIFE

*Medical Facilities  
Entry and Parking*

*Visitors  
Laundry*

## Medical Facilities

The college has doctors available on campus for the following days and timings.

Dr. Sachidanandam Muniswamy - Tues & Fri - 6:00 pm to 9:00 pm

Contact: 9066308166 or [smsslr09@gmail.com](mailto:smsslr09@gmail.com)

Dr. Sujatha Mishra - Wed & Sat - 2:00 to 5:00 pm

Contact: 9845171250 or [sujatha726@gmail.com](mailto:sujatha726@gmail.com)

The consultancy is free but you need to buy the medicines on your own. There is an Apollo Pharmacy Store at walking distance. The Institute also has counseling psychologists who visit the campus every week. Every student gets a YourDost account, which provides online counselling services.

In case of medical emergencies kindly contact the security personnel at the front desk in Aryabhata, who will arrange for an ambulance any time. This is a free Service provided by Narayana Hrudayalaya.

## Visitors

Timings on regular days for visitors to the campus are between 10 AM and 7 PM.

No one except the students are allowed be in the hostel rooms at any timing during their stay at IIITB. This ensures privacy and safety of you and other students around you.

## Laundry Services

There are two modes of laundry services on campus.

1. Laundry Anna

2. Dhobi (Washer man)

Both these services are available during a given set of days in a week. Contact them for more details on pricing and days of availability.

Alternatively you could wash your clothes and dry them in the drying areas given in your hostels.

## Entry and Parking

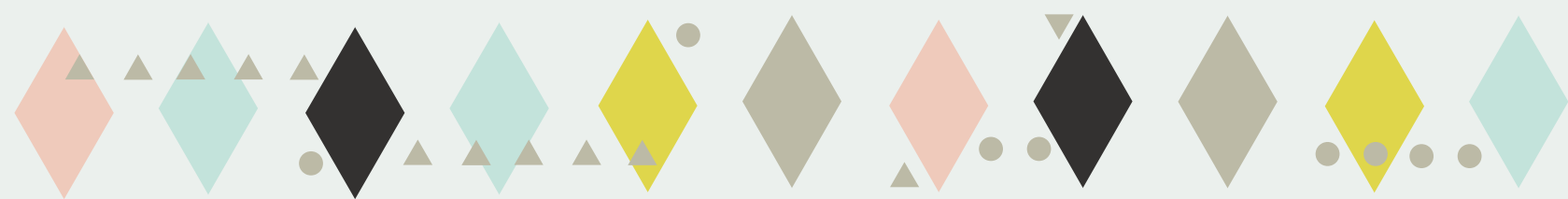
Parking facilities in the campus are available for all students and faculties at three locations:

1. The front gate
2. Under Bhaskara
3. Under Ramanujam

Cabs that are called on campus can be called at three locations:

1. Front gate (SBI Bank Gate)
2. Front gate (ICICI Bank Gate)
3. Back gate (way is through Bhaskara basement: You can tell food delivery services to deliver at "IIITB Back gate" as Zomato/Swiggy/Uber Eats are privy to this and this is an easy access point to pick up orders)

Contact: [security@iiitb.ac.in](mailto:security@iiitb.ac.in)



## events @ IIITB

### Infin8

Infin8 is an inter college techno-cultural festival conducted by IIIT Bangalore every year. It involves various events under a variety of genres where the students of our college participate with enthusiasm and competition. Food stalls are invited and this action packed 3 day fest is thoroughly enjoyed by all the students of the college.

### Spandan

Spandan is an annual sports meet organized by the students of IIIT Bangalore in the month of March every year. It is a 3-day event fully loaded with outdoor as well as indoor games. The cheers from the fans are spread everywhere in the campus which makes the whole atmosphere jolly. It doesn't just end there. We also get a chance to meet our alumni who revisit our campus to participate in the games and share the memories the spent with their peers.

Many other events happen in the college annually. Some of them are

- TEDxIIITBangalore
- RISE - Research & Innovation Conference
- Yamini - Overnight Classical Music and Dance Fest
- ISTEM Hackathon - Hackathon for VI Developers
- RMIT - Math and IT Conference

## Furniture and Storage

The institute shall provide minimum furniture and fittings for each room, consisting of a cot, table, chair, cupboard and a shoe rack. Mattresses should be brought to the college by the students at their own expense. Each room is also equipped with a trash bin. Students are not permitted to remove any college owned furniture from their rooms. Everything you bring must be kept in your room. Items left at common areas shall be removed at your expense.

## Things to bring

- Your luggage, which will consist of clothes, footwear, toiletries and other personal items
- Notebooks and other stationary items
- Sports shoes (First years have compulsory Physical Education classes)
- Scientific calculator
- Lock and key for the room
- Shoulder/Laptop bag and water bottle
- Any medicine that you may require (There are no pharmacy inside the college but an outlet of Apollo pharmacy is located very close to the campus)

The following things will be available in the campus at competitive prices (can be brought from home too): Mattress – 3x6 ft and bedsheets, pillows, bathroom supplies - buckets, mugs, soap, clothes hangers, etc.

There is a D-Mart outlet located approximately 1.5kms away from campus for purchasing necessary daily-use utilities, snacks and clothes. For any stationery related equipments there is a store named Kumkum enterprises at a walking distance from the campus

**IMPORTANT** – Electric appliances such as iron, stove, induction plate, etc. are not permitted in hostel rooms. Use of these will attract punitive actions and penalty from the Institute.

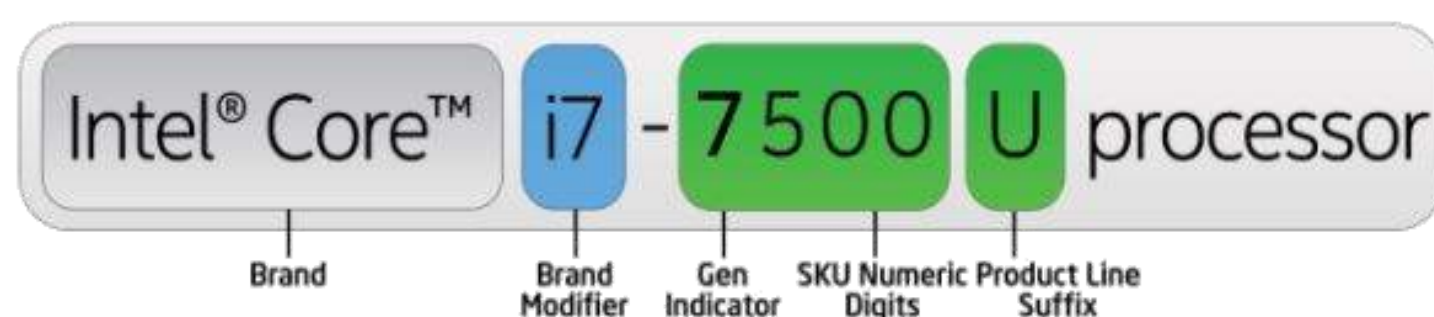


Does more RAM equal better performance? Should I buy a laptop with an SSD or HDD? Will my laptop be able to run PUBG at the highest settings? Can I use my laptop for 5 years? If these questions are bothering you, don't worry we'll help you answer a few of these.

Since you will be coming to college, you must be excited to own a laptop, you can binge any TV Show , want to hack and crack GSoC, watch a movie you want, code your way to ICPC, make and play games , etc. But along with these you need to be careful while using it. We'll get back to that a little later. Now all of this sounds exciting, but choosing a laptop that'll suit your needs is a challenge in itself, so we have broken it down into a few components. These are the main points you should consider before making a decision.

## PROCESSOR

As you all know processor is the heart of the computer, so you don't want to compromise on that. We will be talking about intel processors only as they are the most used and most compatible. The processor model number contains a lot of information on it.



Now what you want to look for is

- Brand Modifier - i5 or i7
- Gen Indicator - 7th or 8th. 8th gen processors are recommended, but there is a catch. i7 7820HK is a tad bit better than the i5 8300H, but the latter is cheaper
- Product Line Suffix - This bit is very important, it shows what usage the processor has, like H = High Performance (gaming) and U = Ultrabook Variant (non gaming/ everyday use)
- Cache - 6MB is fine

## RAM

More the RAM, more tasks you can open simultaneously at a time. So go for 8gb RAM or more. Look for DDR4 RAMs cause DDR3 is old and will soon be obsolete.

## STORAGE

Solid State Drives(SSDs) are faster than HDDs but expensive, so if you can afford an SSD do go for it, you can also look for a 1 TB HDD with a high RPM(around 7000). Nowadays we can get a hybrid, 128 GB SSD and 1TB HDD, the OS is installed in the SSD and files are in the HDD.

One thing you can do to save some money is to buy a laptop with an empty PCIe slot. After using your laptop for a few years, you can install an SSD and it will feel as good as new one

## DISPLAY

By display size we also mean the laptop size here. 15.6 inch screen laptops can be heavy to carry around, 11-14 inch laptop are portable.

Coming to the quality, Full HD displays are recommended as they have a good balance between visual clarity and battery life and are the most commonly used ones.

NOTE :- In any case please don't take a touch screen laptop as it isn't too useful and is too distractive while coding.

## OPERATING SYSTEM

Most of us use a linux based distributions, mostly Ubuntu for programming and have windows installed too. Laptops with a genuine Windows installation cost 5-6k more, so you can buy one without windows and install Ubuntu if it suits your needs. (If you don't know, It's completely fine we didn't either. Just get a windows OS. Rest we will be teaching you in the first few weeks)

# PRACTICAL MATTERS

Laptop  
Guide

## Scenario 1 :

Now if you are not keen on gaming and want to mainly code and design, we think you might consider taking a laptop with the following specs.

- Intel Core i5 8th gen.
- 8GB DDR4 RAM
- 1 TB HDD
- Nvidia 940mx

## Scenario 2 :

If you are a hardcore gamer then buy a gaming laptop, only disadvantage is the weight in case of some models. Do make sure that the laptop has good vents for the heat dispensation.

- Intel Core i7 8th gen- H variant
- 16GB DDR4 RAM
- 1 TB HDD
- GTX 1050 or 1050 Ti 4GB

## Scenario 3:

If you want to give Apple a try, keep in mind the processing power per buck spent is towards the lower end, assuming you're going for the new models. The 2017 Air would be a reasonable purchase but has less of a processing power due to its processor being 4 years old. In some fields like Machine Learning most of the processing is done on online Servers/GPUs but app development demands local processing power, which the Air might fail to deliver. Newer Airs and Pros are much costlier but they can perform very well, and have excellent durabilities and battery lives. In conclusion, if you're willing to burn some cash for the aesthetic, robustness, battery life, the Apple experience then go for it

**PS:** Apple too has special student offers, keep an eye on your newspaper ads to know about them.

## Few things to know before buying a laptop

- Always buy extended warranty as you never know when you might need one. Also during admission season most companies offer it at a lower price for students, so do look for such “Student Offers”
- Also consider buying Accidental Damage Protection as your laptop will be repaired for free in case any damage occurs
- Dell and HP are known for their after sales service, they are wide spread and extremely supportive
- Employees of these companies usually get extra discounts so if you know anyone try contacting them
- Do enquire in places like Croma, Reliance Digital, etc. as they do have their own offers during this period
- Try to use your admission offer as a proof for student offers if required.
- Don't pay anything extra for MS Office as you'll get a free subscription to Office 365 through your college mail, you can save a few bucks there.

## Links you can refer

[Amazon Laptop Buying Guide](#)

[Intel 7th Gen vs 8th Gen processors](#)

[CPU Benchmarks](#) Do try out this link to compare CPUs

Back to School Offers

- [HP](#)
- [Dell](#)
- [Lenovo](#)

## YouTube Videos

[Which Laptop Should You Buy in 2019?](#)

[SSD vs SSHD vs HDD](#)

[What is a Core i3, Core i5, or Core i7 as Fast As Possible](#)

## Final Thoughts

We have tried to explain almost everything you need to know to buy a laptop and provided relevant links which will help you research further. The more you enquire and use the laptops in store the better you'll be able to decide on what you want, so don't think of this as a burden as it is an important part of your college life. If you are still confused, don't worry, you could talk to us and buy a laptop after you come to college.



**Bhaskara, the “Boys’ Hostel” or “Mens’ Hostel”, houses around 400 rooms on 7 floors. Rooms for first and second year iMTech students are on the first and second floors which have shared accommodation. Third year onwards, single accommodation is be provided to every student.**

**Rooms:** For the first two years male students are expected to share their room with two other students. They will get single rooms from third year onwards. The rooms are well ventilated with two windows per room.

**Washrooms and Drying Areas:** For every 20-25 rooms there is a drying room to hang your clothes. For every 10-15 rooms there is a washroom cum bathroom which is well maintained by the housekeeping staff. The building is equipped with solar water heaters to ensure the provision of hot water.

**Drinking Water:** There is a Reverse Osmosis (RO) plant which ensures that drinking water is provided to the students round the clock. There is a water kiosk present at each floor for the same. Alternatively, students can take canned water near the canteen area.

**Elevator:** Bhaskara is equipped with 3 elevators which operate round the clock.

**Fire Safety and Emergency Exits:** All buildings are well equipped with various fire safety measures. Sprinkler heads in the walking area of Bhaskara are sensitive and it is important that students do not tamper with these or with other fire safety equipment like extinguishers, etc. There are emergency exits which are at a considerable distance from every room and are required to meet at the assembly point. Students are requested not to ignore the alarm.

**Recreational Areas:** There are couches on the first floor where you can hang out, meet up for group projects and team discussion etc. Also there is an outdoor badminton court on the first floor of Bhaskara



Lilavati, the girls' hostel, is named after medieval India's most famous mathematician. It has two wings: one for the iMTech and the other for the MTech, MSc and PhD students. There are two guards in the hostel, round the clock, and there is also housekeeping staff who clean the rooms on a daily basis. There are around 260 rooms spread over 5 floors. Calorie Bee, the girl's gym is present within the hostel and there is gym instructor as well. There are common rooms on every floor where you can hang out with friends, group study, etc.

**Rooms:** Students get single rooms for all the 5 years. However, they will have to shift their rooms every one or two years.

**Washrooms and Drying Areas:** For every 8 rooms there is a drying room to hang your clothes. Every floor has 2 sets of washroom complexes (each set having 3-4 washrooms and bathrooms) which is well maintained by the housekeeping staff. The building is equipped with solar water heaters to ensure the provision of hot water.

**Drinking Water:** There is a Reverse Osmosis (R.O.) plant which ensures that water is provided to the students round the clock. There is a water kiosk present at each floor for the same with warm and cold water.

**Elevator:** There is one elevator per wing.

**Safety measures:** The building is well equipped with various fire safety measure and other safety facilities. Students are requested not to ignore the alarm.

**Recreational Areas:** There common rooms on every floor where you can hang out with your friends, do group study and have team discussion etc. There are balconies also, on every floor.



## Courses

# Academics

The integrated MTech programme is a five-year state of the art course in-line with current trends and technology. The curriculum includes core and elective courses, special topics in electives, project & reading electives and an internship or thesis.

The courses in the first semester will be:

1. Mathematics-1 (4 credits)
2. Chemistry (4 credits)
3. Programming 1-Python and C (4 credits)
4. Economics (4 credits)
5. English (2 credits)

Below is the structure for the programme:

Semester	Credits	Description
Semester 1	18	6 common courses
Semester 2	22	6 common courses
Semester 3	20	4 common courses 1 CSE/ECE core course
Semester 4	18	4 common courses 1 CSE/ECE core course
Semester 5	19	4 common courses 1 CSE/ECE core course
Semester 6	23	1 CSE/ECE core course 4 CSE/ECE elective courses 1 HSS/M elective course
Semester 7	20	4 CSE/ECE elective courses 1 HSS/M elective course
Semester 8	20	5 CSE/ECE elective courses
Semester 9	20	Project
Semester 10	20	Internship/Thesis



## LMS

LMS (Learning Management System) is an online portal which is used for all course management. It will contain the details of each course you take, along with discussions, assignments, announcements and grades. This is where most of the assignments, project reports etc. are to be submitted. Any queries in any course can be discussed here along with your classmates as well as the professors of the respective courses. The college also has tied up with Impartus for capturing lectures conducted in the larger class rooms. Data Centre shall provide you with the credentials to access LMS.

## Grading

Every professor decides what the distribution of grades for quizzes/mid term/end term/project would be.

The Institute follows a 4-point grading system. A student is awarded a letter grade in each course he/she is registered for, indicating his/her overall performance in that course.

There are twelve letter grades: A, A-, B+, B, B-, C+, C, D, F, S, X and I.

To read up more on grades, grade improvement, computation of CGPA and SGPA, internships, and thesis requirements, please visit [https://www.iiitb.ac.in/admissions/integrated\\_m\\_tech\\_manual.pdf](https://www.iiitb.ac.in/admissions/integrated_m_tech_manual.pdf)

## Scholarships

The college provides need based scholarships for eligible students. And for girls, there is also a CGI scholarship. There will be a call for applications. Merit based scholarships will be provided to 6 students from each of the 2nd, 3rd and 4th year iMTech batches (total 18 students) who are selected based on their CGPA. Final year iMTech students who qualify GATE will be eligible for the AICTE post-graduate scholarship.



1. There should be complete silence on corridors near class rooms during class hours to maintain an academic atmosphere. Students must not loiter in the corridors during class hours
2. No student is allowed to leave the lecture hall without the faculty's permission or until the lecture is finished.
3. Students are not permitted to smoke or use Tobacco/Alcohol on the institute campus. They are liable to severe disciplinary action (even dismissal) if found violating the norms on the campus.
4. Strict disciplinary action (even dismissal) will be taken against any student found in possession of, or under the influence of drugs or alcohol.
5. Ragging is forbidden by the laws of the country. Students found ragging will be handed over to the police. They may be dismissed from the institute.
6. Unbecoming language or conduct, obscenity in word or deed renders a student liable to disciplinary action which may involve suspension, fine or dismissal.
7. The campus must be kept clean at all times. Littering with sweet wrappers, waste paper, defacing the walls or desks, damaging the institute property etc. are offences and are liable for punitive action.
8. Though the institute is not responsible for the conduct of its students outside the premises, it will take note of any serious misconduct outside the campus.
9. Students must observe punctuality. At the discretion of the Course Instructor the student maybe permitted to enter the classroom if he/she is late. However if the student is regularly late to the class, he/she may not be permitted to attend classes.
10. Every student is required to carry his/her identity card in the institute and display it whenever required. The card should be shown to any member of the staff or institute officials whenever asked for. These identity cards are also used for recording the movement (Entry/Exit) of the students.
11. The institute expects every student to take active participation in non-academic functions and cultural programs. However, such events shall be held only after class hours. Practice for all programs should be held outside of class hours.
12. Names of the students printed in the Class XII Certificates shall be used for all the purposes in the institute. Mistakes (typological), if any thereof, shall be corrected retrospectively by the individual student concerned who desires to have such changes in the names and submit the same latest by 30th August, of the year of joining, failing which no changes will be effected thereafter. In any case, change of name other than as appearing in the class XII certificates shall not be entertained, unless it is supported by requisite legal documents.

## Library Rules

1. The library will be open from 9:00 am to 11:00 pm on all working days and vacations of the year. On Saturdays and Sundays it will be open from 9:00 am to 1:00 pm. However during Examination period the closing hours shall be extended to 2:00 am on weekdays.
2. A student who fails to return the book in 10 days will be fined Rs. 2 for each day beyond the due date excluding Saturdays and Sundays.
3. Extension of period may be obtained if any other student has not applied for the same book.
4. The student must pay for the books lost, damaged or defaced. Loss of pages, mutilation and any other damage discovered on the return of the books will be charged.
5. Strict silence should be observed in and near the reading room.
6. Loss of a borrowed book must be reported to the Librarian and due charges for the same shall be deposited as per the directions of the Librarian.
7. Books are meant for the exclusive personal use of the applicant. Anyone found applying for books for another would be denied the facility of Library.

## Malpractice

### 1. Cheating

Attempting to use or using unauthorised material or information as study aids in any academic exercise. Visually or verbally receiving or giving information during quizzes and examinations when not specifically allowed by the professor/invigilator, is a form of unauthorised assistance and is defined as cheating.

### 2. Plagiarism

- Includes work turned in as one's own that was created, researched or produced by someone else. Turning in a report of another's research, submitting a paper researched or written by someone else, having someone else take a test, and submitting joint projects as if they were one's own, are all forms of plagiarism and are unacceptable.

- Includes presenting as one's own, work of someone else without properly acknowledging the source. Plagiarism is theft – using words and ideas of another person as if they were one's own. Exact copying should be enclosed in quotation marks and be appropriately documented in footnotes or endnotes that indicate the source of the quotation. Paraphrasing, when the basic sentence structure, phraseology and unique language remain the same, is also plagiarism. When in doubt about these matters, it is the responsibility of the student to seek guidance from the instructor of the course.

### 3. Falsification of Academic records

Knowingly and improperly changing grades on transcripts, grade sheets, electronic data sheets, related documents, academic reports, tests and projects is an act of academic dishonesty.

### 4. Falsification of data or creation of false data

This is considered as an act of academic dishonesty in research or experimental procedures.

### 5. Unauthorised reuse of work

Turning in the same work to more than one class without the consent of the instructors involved constitutes academic dishonesty.

### 6. Mobiles

Use or possession of mobiles/ electronic devices in the examination hall is considered as serious offence, unless specific permission is granted by the faculty.

## Student Responsibility

Student responsibility occurs when students take an active role in their learning by recognizing that they are accountable for their academic success. Student responsibility is demonstrated when students make choices and take actions which lead them toward their educational goals. At IIITB it is expected that students take ownership of their actions by exhibiting the following behaviour:-

- Demonstrate academic integrity and honesty.
- Attend and participate in classes, labs, workshops and seminars regularly, prepared and on time.
- Participate actively in Sports/ Games, Extracurricular activities and Campus events
- Complete the assigned work in a timely manner with attention to quality of work.
- Avoid making excuses for their behavior.
- Communicate in a careful and respectful manner with Professors, peers, and other members of the campus community.
- As engaged learners, dedicate sufficient time beyond the class hours for academic work.
- Act in a civil manner that respects the college learning/social environment and comply with college policies promulgated from time to time.
- Utilize college resources including electricity, water, WIFI etc judiciously and seek help when needed.
- Respect diverse ideas and opinions.
- Identify, develop, and implement a plan to achieve their educational goals.



# IMPORTANT MAIL ID'S

ID Card	Mr.Somashekar	somashekar@iiitb.ac.in
Grades/LMS	Ms. Nirmala	b.nirmala@iiitb.ac.in
Fee/Loan/Fin.	Ms. Pushpa	pushpa.rao@iiitb.ac.in
Software, IT	Mr. Durai Murugan	murugan@iiitb.ac.in
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Warden(Women)	Prof. Meenakshi D'Souza Prof. Naditha Rao	warden-womens-hostel@iiitb.ac.in
Hostel(Men)	Mr. Shiva Prakash	shivaprakash@iiitb.ac.in
Hostel(Women)	Ms. Akshatha	akshatha.pb@iiitb.ac.in
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Scholarships/Awards	Prof. Amit Chattopadhyay	a.chattopadhyay@iiitb.ac.in
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Library	Ms. Ramadevi	rama@iiitb.ac.in
Network/Labs	Prof. T K Srikanth	tksrikanth@iiitb.ac.in
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## ACKNOWLEDGEMENTS

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First and foremost, we are extremely grateful to Prof S.Sadagopan for his inputs and Prof Chetan Parikh for his constant help and support! Thanks to our college staff and students for contributing articles and photographs for the hand book.

A huge shoutout to Utkarsh Agarwal, Ishmeet Singh Saggu, Ritik Gupta, Ganesh Barma, Tejas Kotha and Neha Krishna Dasari for their efforts and valuable suggestions.

Lastly a huge thank-you to the following without which the handbook wouldn't have become a reality:

1. WhatsApp
2. Word
3. Mojo pizzas which fuels one of our members
4. And finally the 2-and-a-half-month vacation in which some of your seniors worked to put this together for you guys.

We wish the freshmen the best of luck. Hope you guys have an amazing time in the college!

# SQUAREONE

*squareone@iiitb.org*

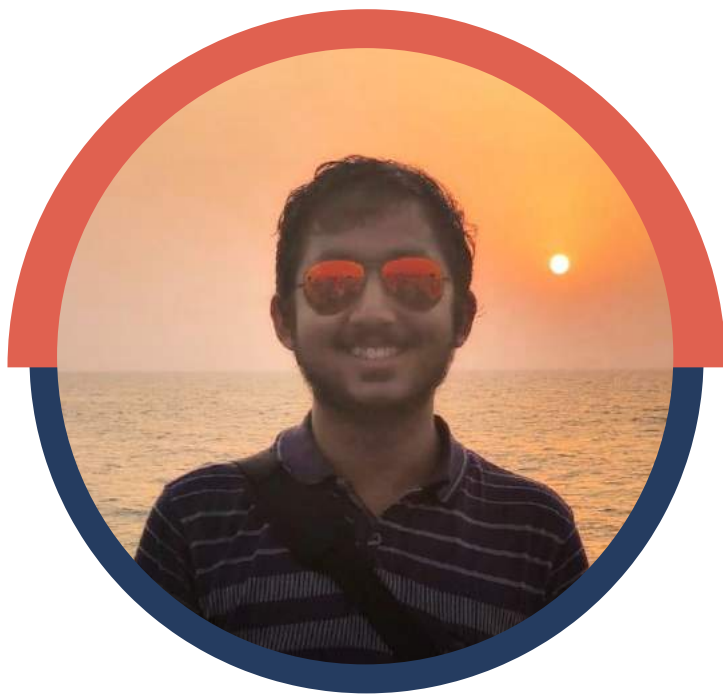
## THE TEAM



**Aarushi Goenka**



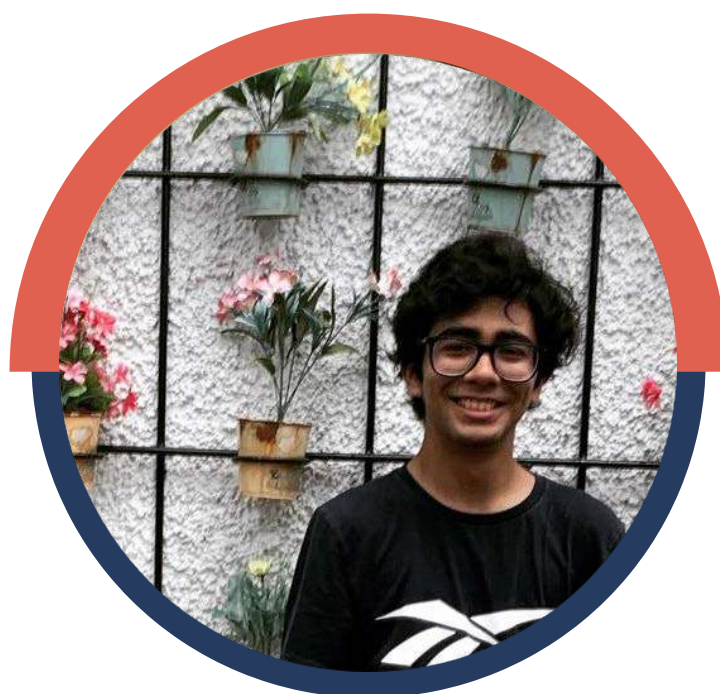
**Arpitha Malavalli**



**Saiakash Konidena**



**Sai Rithwik M**



**Tanmay Arora**