# Handbook 2022-23 Centre for Urban Science and Engineering

**Presented by:** 

**Institute Student Companion Program** 

(Indian Institute of Technology, Bombay)





# **Disclaimer**

Though the ISCP (Institute Student Companion Program) has taken care while compiling the handbook, neither the council nor the Institute can be held responsible for errors/inadequacies that may inadvertently creep in. This handbook cannot be used as a basis for making a claim on facilities/ concessions/ interpretation of rules/ statues or the like. If there is some critical information to which the reader of this handbook refers, it is with his or her own responsibility that it is put to use, with cross verification if need be.

# **Contents**

	Disclaimer	1
	Contents	2
	Message from the Head	4
	Message from the Faculty Advisor	5
	Message from ISCP	6
	Message from PGAC	8
	Department ISCP Team	9
In	troduction	10
	About IIT Bombay	11
	Centre for Urban Science and Engineering	12
	M.Tech in Urban Systems	12
	Research Areas	13
	M.Tech Programme Structure	14
Fa	aculty, Staff and Students	15
	Faculty	16
	Office Staff	18
	M.Tech Students 2021-2023	19
	Student Representatives	19
	Alumni	20
D	epartment Facilities	23
	C-USE Workspace and Urban Laboratory	24

Workshops, Webinars & Conferences	25
Sports @ IIT B	31
Culturals @ IIT B	32
Tech @ IITB	33
Student Support Structures	34
Student Wellness Centre (SWC)	35
Services provided by SWC	35
Appointment with Counsellors	35
Gender Cell	36
Functions of Gender Cell	36
Resources on Official Documents related to Sexual Harassment	36
Contact Gender Cell	36
Grading Policy	38
Academic E-Resources	40
Other Important Stuff	41
Links to download software	43

**Message from the Head** 

# **Message from the Faculty Advisor**

.

-



Prof. Arnab Jana

# **Message from ISCP**

Dear new entrants,

Heartfelt congratulations for embarking on one of life's most memorable journeys - the journey of learning at IIT. On the behalf of our prestigious institute of IIT Bombay, team ISCP welcomes you aboard.

Give a pat on your shoulder for having achieved this feat. Your dedication, hard work and perseverance brought you here, and we know that your experience will lead you towards great opportunities. We can guarantee that your time here on this colossal campus will be exciting and knowledgeable. A degree will just be a small portion of what you will be leaving this institute with. You will also leave with beautiful memories of late-night conversations, interesting wing cultures, and crazy birthday parties (oh you are going to miss those!!). You will have the opportunity to mingle in various clubs and societies where individuals strive to become experts in their fields and devote endless hours. As a result, there will be many chances to learn inside and outside the classroom. So entering this new universe in itself presents both exhilaration and potential difficulties. This is where we will help you by providing the tips you need to handle these difficulties and enjoy your time at IIT Bombay.

Now, you should be thinking what on earth is this ISCP? Institute Student Companion Programme (ISCP) is a student body with the primary objective of building a relationship of trust and comfort between the on-roll students and the incoming students of the PG programmes. We are here to help you get familiar with the ways of IITB, guide you through your ups and downs and make sure that each voice is heard. You will become part of a culture where people want to perfect their craft and thus work day in and day out. Various events are organised by the cultural, technical, and sports clubs in the institute throughout the year. Managing these along with lectures might seem daunting at first, and hence, to help you with a world of problems, including these, we assign you a student companion.

The student companions are self-motivated volunteers who will genuinely want to help you in low and high tides as an act of giving back what they received from the programme. You can rely on the team for any advice or information on anything you are venturing out into, whether it be academics or extracurriculars, any issues that you are facing, any support or requirements that you want to raise as a part of the student community. And at last but undoubtedly not least just for regular interaction because that is all the programme holds at its core. The knowledge and the experience that our

student companions have gained with their stay on the campus will help your transition become smooth. From campus tours to classroom lectures, from the grading system to completing the syllabus, from the profile to placements, from Schezwan Frankie to curry-pakora, they will be there for you.

We are sure that the last couple of years have been rough for many of you. But as we know that life moves on. So, make sure that you make the best out of your journey at IIT Bombay. Come and contribute to this vast store of knowledge and help it become more vibrant and colourful.

The campus of IIT Bombay awaits your presence; see you there.

**Overall Coordinators** 

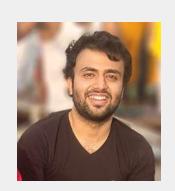
Institute Student Companion Programme (2021-22)

**IIT Bombay** 

Email: iscp@iitb.ac.in.



Abhishek Raman Overall Coordinator +91-8789676472



Prabhat Overall Coordinator +91-9899946039

Dipankar Kuli Overall Coordinator +91-86382722899

# **Message from PGAC**

Welcome Freshers! We all have gone through a lot in these past couple of years, so firstly congratulations to all of you for securing admission in one of the prestigious institutes in the country. IIT Bombay provides best exposure to its students in all the aspects, both academically as well as non academically. The skills you develop here, the interactions you have with people here will stay with you throughout your life. The post graduation demands something additional compared to the under graduation, more time, more effort, more determination and a ton of dedication. For meeting these primary requirements, often we find ourselves in a daunting situation. In order to make your stay at IIT Bombay convenient, the institute has established the PGAC (Post Graduate Academic Council). Any technical necessity, any placement related assistance, any research queries or any academic grievances, you can always reach out to us. Each department has their own AURAA (Academic Unit Representative of Academic Affairs), whom you can approach directly in case you find any difficulties.

Wishing you all a really convenient and productive IIT journey!

Regards,



**Mohit Meena** 

**Institute Secretary**,

**Academic Affairs (Masters)** 

Email: imr@iitb.ac.in

Contact no.: 8006080474

# **Department ISCP Team**



Pragya Shukla

Department Coordinator, ISCP

Email: 213420003@iitb.ac.in

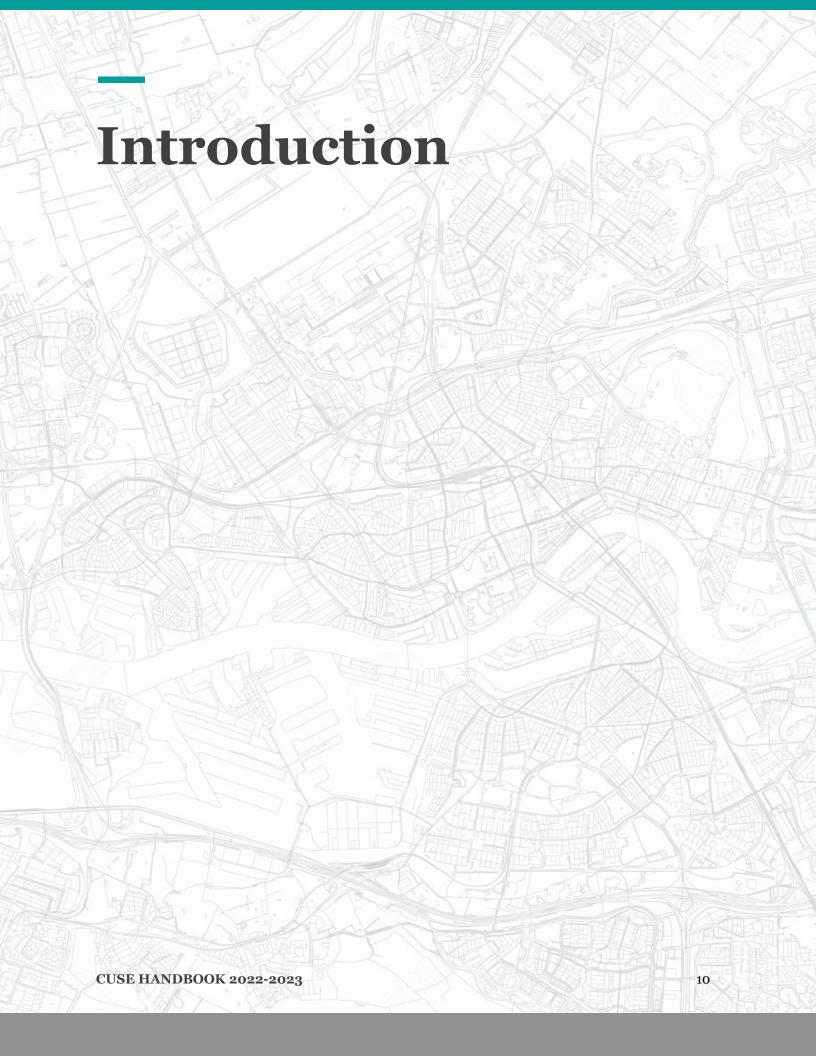
Contact: +916394214352



Jayati Dudani Student Companion, ISCP

Email: <u>213420001@iitb.ac.in</u>

Contact: +91887902685



# **About IIT Bombay**

Established in 1958, the second of its kind, IIT Bombay was the first to be set up with foreign assistance. The funds from UNESCO came as Roubles from the then Soviet Union. In 1961 Parliament decreed the IITs as 'Institutes of National Importance'. Since then, IITB has grown from strength to strength to emerge as one of the top technical universities in the world.

The institute is recognised worldwide as a leader in the field of engineering education and research. Reputed for the outstanding calibre of students graduating from its undergraduate and postgraduate programmes, the institute attracts the best students from the country for its bachelor's, master's and doctoral programmes. Research and academic programmes at IIT Bombay are driven by an outstanding faculty, many of whom are reputed for their research contributions internationally.

IIT Bombay also builds links with peer universities and institutes, both at the national and the international levels, to enhance research and enrich its educational programmes. The alumni have distinguished themselves through their achievements in and contributions to industry, academics, research, business, government and social domains.

Located in Powai, one of the northern suburbs of Mumbai, the residents of the institute reap the advantage of being in the busy financial capital of India, while at the same time enjoying the serenity of a campus known for its natural beauty. A fully residential institute, all its students are accommodated in its 17 hostels with in-house dining; the campus also provides excellent amenities for sports and other recreational facilities.

# **Centre for Urban Science and Engineering**

The Centre for Urban Science & Engineering (CUSE) at IIT Bombay, established in October 2012, is an interdisciplinary centre for research, teaching, and skilled manpower development with the primary mandate of improving the quality of urban life. The research activities of the Centre focus on understanding urban issues and work towards new products and solutions related to housing, transport, water management, energy efficiency, urban informatics, health, governance, urban poverty, and citizen science while mitigating the effects of natural disasters and climate change. The Centre combines science and technology with sustainable, equitable, and human-friendly design to deliver innovative and holistic services to improve the lives of the rapidly urbanizing population in the developing world.

Apart from its core faculty, the Centre has over 30 associated faculty members from various disciplines within IIT Bombay including Civil Engineering, Computer Science Engineering, Electrical Engineering, Energy science & Engineering, Environmental Science & Engineering, Humanities, Industrial Design, Operations Research and School of Management. Hence, the Centre coalesces multiple researches and educational urban-related activities. The Centre offers a M.Tech in Urban Systems apart from its doctoral programme.

# M.Tech in Urban Systems

The aim of this M.Tech programme in Urban Systems is to expose students to urbanization challenges and prepare them for bringing improvement in quality of urban life. The programme will enable the student to understand the socio-economic suitability of technical (engineering, information, administrative) approaches and particular solutions in orienting urban development on a smarter and sustainable path. This program is expected to create a team of urban professionals who on one hand understand the planning principles and on the other will also know design challenges of urban infrastructure.

The Centre for Urban Science and Engineering (CUSE) is an interdisciplinary centre for research, teaching and skilled manpower development with the primary mandate of creating innovative and holistic solutions to deliver urban services related to planning and design, policy and governance, built environment and social and physical infrastructure while mitigating the effects of natural disasters and climate change. The centre combines the latest advances in science and technology with sustainable, equitable and human-friendly design, to create new products and solutions that would ultimately lead to the betterment of life for the rapidly increasing urban population in the developing world.

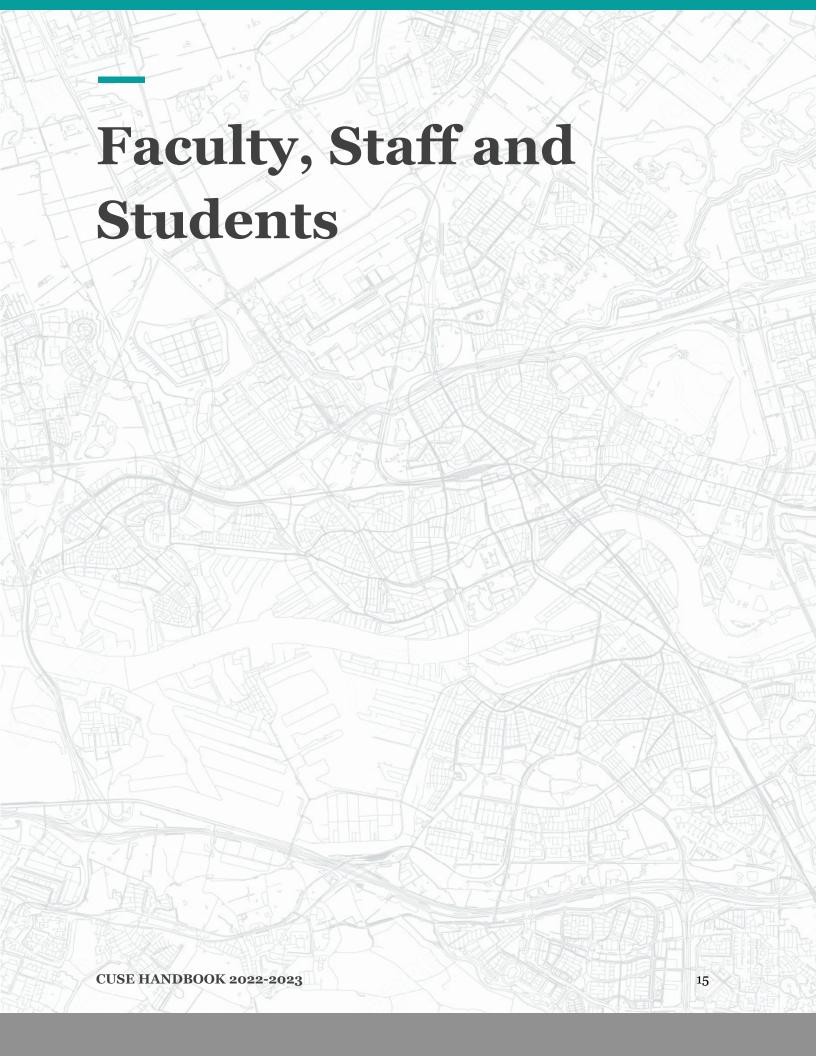
### **Research Areas**

CUSE is engaged in interdisciplinary research in the following areas with a focus on urban challenges in India.

- Planning and Design
- Policy and Governance
- Social and Physical Infrastructure
- Built Environment and Buildings
- Informatics

## **M.Tech Programme Structure**

Semester	1	11	III	IV	Total Credits
Core Courses	12	6	-	-	18
Elective Courses	18	12	-	<u> </u>	30
Institute Electives	=	6	-	-	6
Laboratories/Studios	8	8	=	_	16
Seminar	-	4	-	-	4
R&D Project	-	-	-	_	0
Communication Skills	+6	-	-	=	+6
Course Total	30	24+6	0	0	54+6
Project			48	42	90
Total Credits	42	32+6	48	42	164+6



# **Faculty**



Prof. Arnab Jana
Associate Professor

Urban Planning and Engineering

**Research Areas:** Sustainable urban infrastructure planning, Urban informatics, Behaviour and choice modelling, Building Sciences

Email: arnab.jana@iitb.ac.in



Prof. Pradip Kalbar Associate Professor

Urban Water

**Research Areas:** Water Supply, Wastewater Treatment, Life Cycle Assessment, Circular Economy, Climate Change

Mitigation

Email: kalbar@iitb.ac.in



Prof. Himanshu Burte
Associate Professor

Urban Planning

Research Areas: Architecture, Urban policy, Infrastructure,

Housing, Public Space

Email: h.burte@iitb.ac.in



Prof. Malini Krishnankutty

Adjunct Assistant Professor

Urban Planning

Research Areas: Sustainable Urban Planning

Email: malini.kutty@iitb.ac.in

# **Office Staff**



Priya Vijay Ambre

All Project Accounts

Email: prreeya.ambre@iitb.ac.in



Mandakini Bharat Pawar

PhD/Faculty Files

Email:mandakini@iitb.ac.in



Shravni Satwe

CUSE Office/M-UDE

Email:

shravani.satwe@iitb.ac.in



Gulab Birare

Email:

# **M.Tech Students 2021-2023**

# **Student Representatives**

NAME	POSITION OF RESPONSIBILITY	
Pragya Shukla	Department Coordinator (DC) ISCP	
Jayati Dudani	Student Companion (SC) ISCP	
Dinesh Kumar Meena	Academic Unit Representative for Academic Affairs (AURAA)	
Bhavana Chekkala	Web Nominee (PGAC)	
Bhavana Chekkala	Class Representative (CR)	

### Alumni



### **Ashish Nair**

B.E. Civil, University of Mumbai

•Thesis Project - Effect of water distribution design parameters on the capital cost

•Guide - Prof. Pradip Kalbar

•Email id - ashishnairo97@gmail.com

•Contact no - 9833867803

### Abhishek Kochure

B.Plan, Maulana Azad National Institute of Technology, Bhopal

•Thesis Project - Comparative Assessment of the Infrastructure Services in the peri-urban areas with Land use transitions: Case of Indore City

•Guide - Prof. Arnab Jana

•Email id - 20G420004@iitb.ac.in

•Contact no - 8319765417





### Nidhi Kumari

B.E. Civil, Manipal Institute of Technology

•Thesis Project - Urban water supply & Heritage planning in Aurangabad, Maharashtra

•Guide - Prof. Malini Krishnankutty, Prof. Pradip Kalbar

•Email id - 20g420005@iitb.ac.in

•Contact no - 8789844176

### Tanushka Gupta

B.Arch, School of Planning and Architecture, Bhopal

•Thesis Project - Impact of elevated transport infrastructure on urban spatial practices: the case of delhi metro

•Guide - Prof. Himanshu Burte •Email id - 20G420007@iitb.ac.in

•Contact no - 8510812801





### Ebrahim Saria

B.E. Civil, University of Mumbai

·Thesis Project -

•Guide - Prof. Arnab Jana •Email id - 20g420008@iitb.ac.in

•Contact no - 8879352187

### Vraj Acharya

B.E. Civil, Dr. S. & S. S. Ghandhy Government Engineering College, Surat

•Thesis Project - Effect of Uncertainties in Data on Hydraulic Models

Guide - Prof. Pradip Kalbar
 Email id - vrajacharya@gmail.com

•Contact no - 9925260711





### Arun S Das

B.Arch, School of Planning and Architecture, Bhopal

•Thesis Project - How a Census town Urbanises: Case study of Ramanattukara, Kerala

•Guide - Prof. Himanshu Burte •Email id - ar.arunsdas@gmail.com

•Contact no - 9446111180

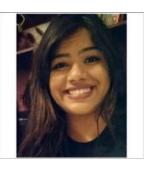
### Pawan Mulchandani

B.E. Mechanical, Fr. Agnels, Vashi Currently also working as Sr. Global Sustainability Consultant of Siemens Real Estate

•Email id - pawanbm@gmail.com

•Contact no - 9769374440





### Krithika Panicker

• Email id - krithika.panicker@iitb.ac.in

•Contact no - 6360674417

•Thesis Project - Multi-objective optimization for natural ventilation, daylighting and energy consumption performance of affordable residential building in composite climate

•Guide - Prof. Arnab Jana

### Megha Kabra

•Email id - megha.kabra@iitb.ac.in

•Contact no - 8233151047

•Thesis Project - Association of determinants and their influence in selecting a residence

Guide - Prof. Arnab Jana





### **Ajith N Nair**

•Email id - 19g420003@iitb.ac.in

•Contact no - 7012861863

•Thesis Project - Sustainability impact

assesment of Allepey town

•Guide - Prof. Himanshu Burte

### Bhavnidhi Sood

•Email id - bhavnidhisood@iitb.ac.in

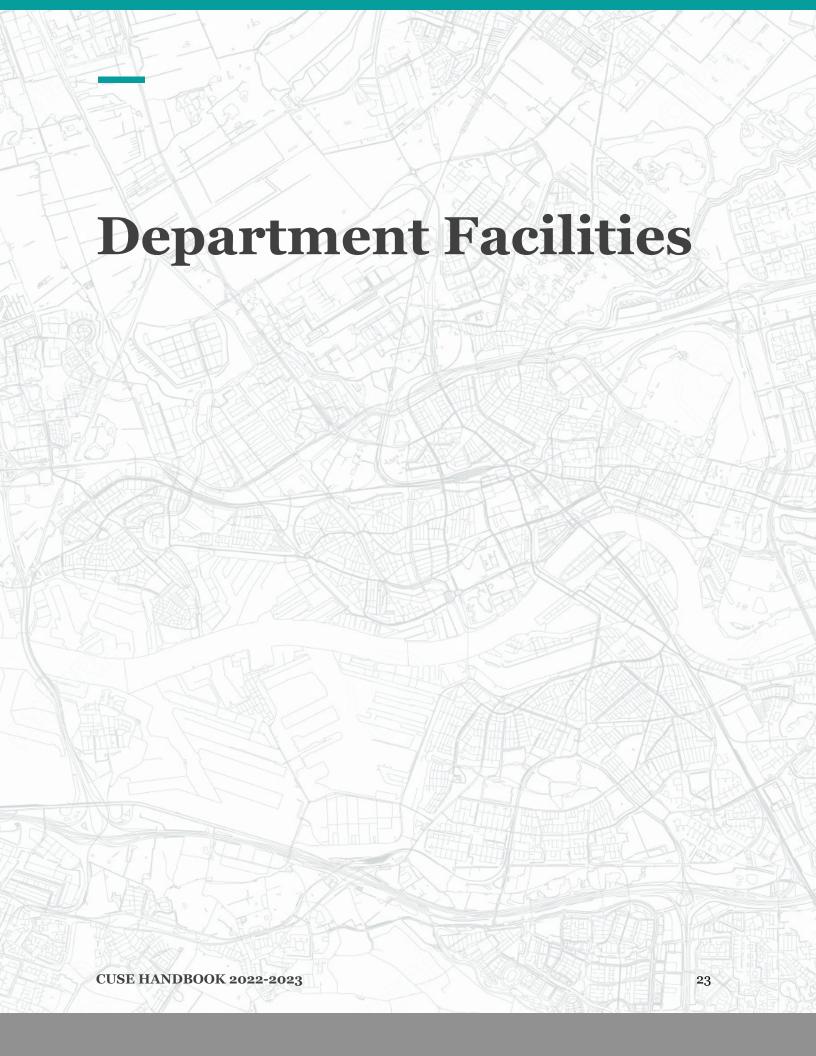
•Contact no - 8198836490

•Thesis Project - Decentralised sewerage

infrastructure

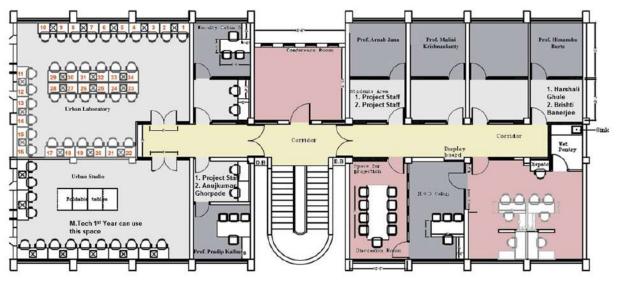
•Guide - Prof. Pradip Kalbar





# **C-USE Workspace and Urban Laboratory**





# Workshops, Webinars & Conferences

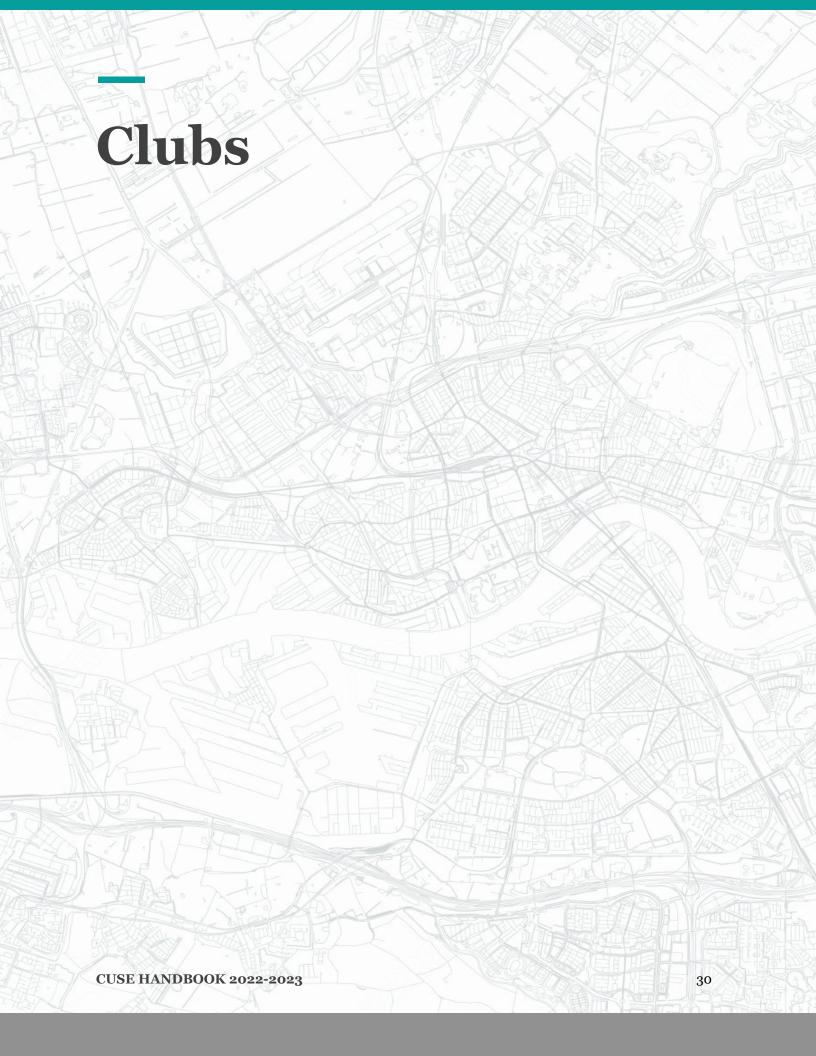
	Type: (conferenc e/ workshop/ symposiu m)	Name of the faculty in-charge/ Convenor of the conference/ workshop/ symposium	Title of (conference/ workshop/ symposium)	Brief report on the Conference/ Workshop/ Symposiums, objective, no. of participants, outcome etc.
1	Workshop	Prof. Pradip Kalbar	interventions for improving water	One-day training session organized for Zilla Parishad, Kolhapur by KIT's College of Engineering Kolhapur on 9 <sup>th</sup> Sep 2021
2.	Workshop	Prof. Pradip Kalbar	interventions for improving water	One-day training session organized by West Bengal Public Health Engineering Department on 11 <sup>th</sup> August 2021
3.	Workshop	Prof. Pradip Kalbar	optimization of	One-day training session organized by KIT's college of Engineering Kolhapur on 1 <sup>st</sup> May 2021
4.	Webinar	Prof. Himanshu Burte	ı	One day online webinar for students of CUSE which introduce them to the Random top-down decisions on projects and programmes for the cities, as well as recent shift in focus

				towards sub-city plans. It was held on 03 <sup>rd</sup> Nov 2021. Prof. Darshini Mahadevia from Ahmedabad was the speaker
5.	Webinar	Prof. Himanshu Burte	Policy Instruments for Moving Towards Sustainable Urban Transportation	One day Online webinar for The role of sustainable transportation is to provide access to people, goods and services in an environmentally responsible, socially acceptable and economically viable manner. It was held on 29 <sup>th</sup> Sept 2021. Prof. KVK Rao, Civil Engineering, IITB was the speaker
6.	Workshop	Prof. Chirag Deb	_	Half-day workshop for students of CUSE which introduces them to the City Energy Analyst tool for urban energy demand modelling. It was held on 4th Feb 2022. Dr. Shanshan Hsieh from ETH Zurich was the speaker.
7.	Workshop	Prof. Arnab Jana	electricity	

8.	Workshop	Prof. Arnab Jana	electricity	
9.	Workshop	Prof. Himanshu Burte		One day online workshop with With evidence drawn from formal datasets comparable over time, the report examines three key facets of India's urbanization in Mumbai on 6 <sup>th</sup> April 2022. Prof. Om Prakash Mathur from New Delhi was the speaker
10	Workshop	Prof. Pradip Kalbar	Innovation Centre for Eco-prudent Wastewater Solutions (IC-ECOWS)	One day workshop- The aim of the workshop is to disseminate the project's outcomes and receive feedback from various stakeholders. on O2 <sup>nd</sup> June, 2022 at Mumbai

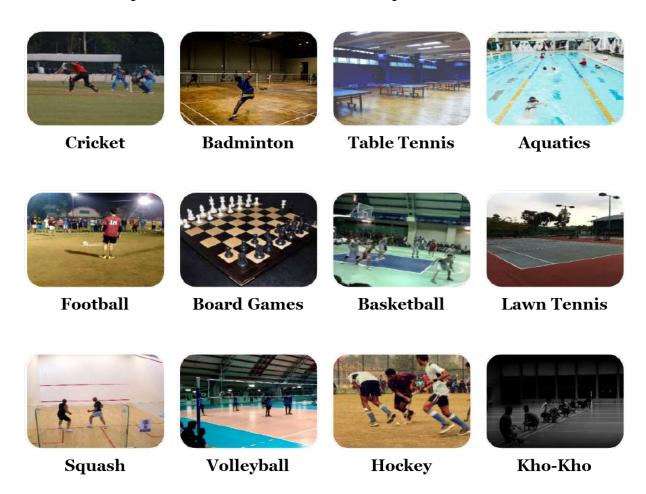
# Continuing Education Programme (CEP)

Title	Course Coordina tor	Objective	No. of participa	Outco me
Sustainable Urban Systems	Prof. Himansh u Burte	This course aimed to bring a systems-thinking orientation to the problem of managing the Indian city in a sustainable and efficient manner.	16	
Urban Water Management for Future: Building Sustainability and Resilience	Pradip	Emerging paradigms and concepts such as circular economy, life cycle thinking in the context of urban water management.	14	



# Sports @ IIT B

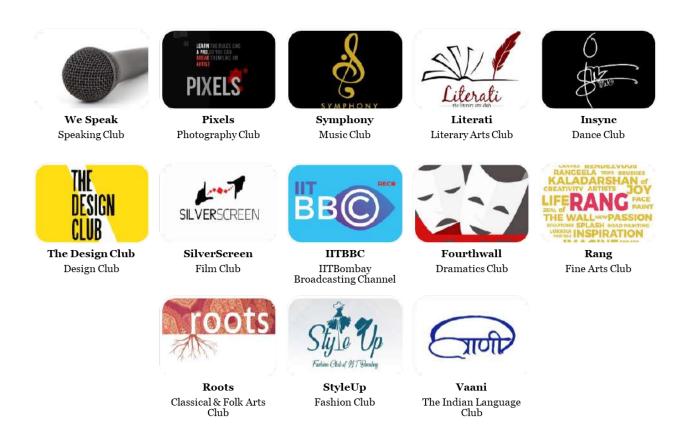
IITB Sports is the parent body of all sport activities in IITB. And conducts various events under different Sports Clubs. **Aavhan** is the Annual Sports Festival of IIT B.



# Culturals @ IIT B

IIT Bombay undertakes a variety of cultural activities, which are broadly classified under 11 genres – Dance, Dramatics, Film and Media (F&M), Literary Arts, Music, Photography and Fine Arts (PFA), Speaking, Indian Languages, Lifestyle, Design and Classical & Folk Arts.

You can explore various clubs based on your interest. You can visit the Gymkhana Website for more information: https://gymkhana.iitb.ac.in/~cultural/



# **Tech @ IITB**

Tech@IITB (Ideate. Innovate. Implement) is the Institute Technical Council (formerly STAB) is IITB's biggest technical activities body.

Some of the Clubs under ITC are -



Aeromodelling Club



Web and Coding Club



AUV IITB



**Energy Club** 



Team Shunya



CSE Cybersecurity Club



Hyperloop IITB



Sustainability Cell



Team Zero Waste



Student Satellite Program



Astronomy Club



Maths and Physics Club

# Student Support Structures

# **Student Wellness Centre (SWC)**

After securing admission at the Institute and starting your curriculum, you may feel that a lot of parameters around you are different. students often lose their focus and give in to these pressures. To help you refrain from losing focus and being unhappy, SWC encourage you to approach them for any problem that you are facing- be it academic, emotional, social or financial- without hesitation. Due to sudden disruption and semester running online due to COVID-19, you can talk to a counsellor over phone, contacting them from the number given on the website during specified time.

Counselling provides an opportunity for individuals to learn to make better choices, improve interpersonal skills, develop confidence and increase educational effectiveness. In a one-on-one meeting with a counsellor, students are helped to explore and express feelings, examine beliefs and ways of thinking about their present situation, reflect on patterns of behavior, and work toward making healthier and happier changes.

### Services provided by SWC

- Individual Counselling
- Psychological Assessment
- Workshops and Events

### **Appointment with Counsellors**

In case you wish to talk to a counsellor over the phone: Ms. Lavina Lewis - 9769340435

(Timings: 11 am to 1 pm and 4 pm to 6 pm)

https://www.iitb.ac.in/swc/en/user/login?destination=node/1183

### **Gender Cell**

IIT Bombay's Women's Cell has been in existence since 2002. With the enactment of the Institute's policy on sexual harassment, the Cell has been renamed the Gender Cell (GC).

The IIT Bombay Gender Cell (GC) inquires into complaints of sexual harassment through its Internal Complaints Committee (ICC). The GC and ICC strive to work towards an egalitarian environment where men and women are afforded equitable treatment and equality of opportunity conducive to their professional growth.

### **Functions of Gender Cell**

The Cell works proactively towards developing a safe and secure environment for employees, and to ensure that all students may gain their education without fear of prejudice, gender bias, hostility or sexual harassment. The Gender Cell is committed to the following goals.

- Gender Amity
- Workshops and Training
- Inquiry and Action

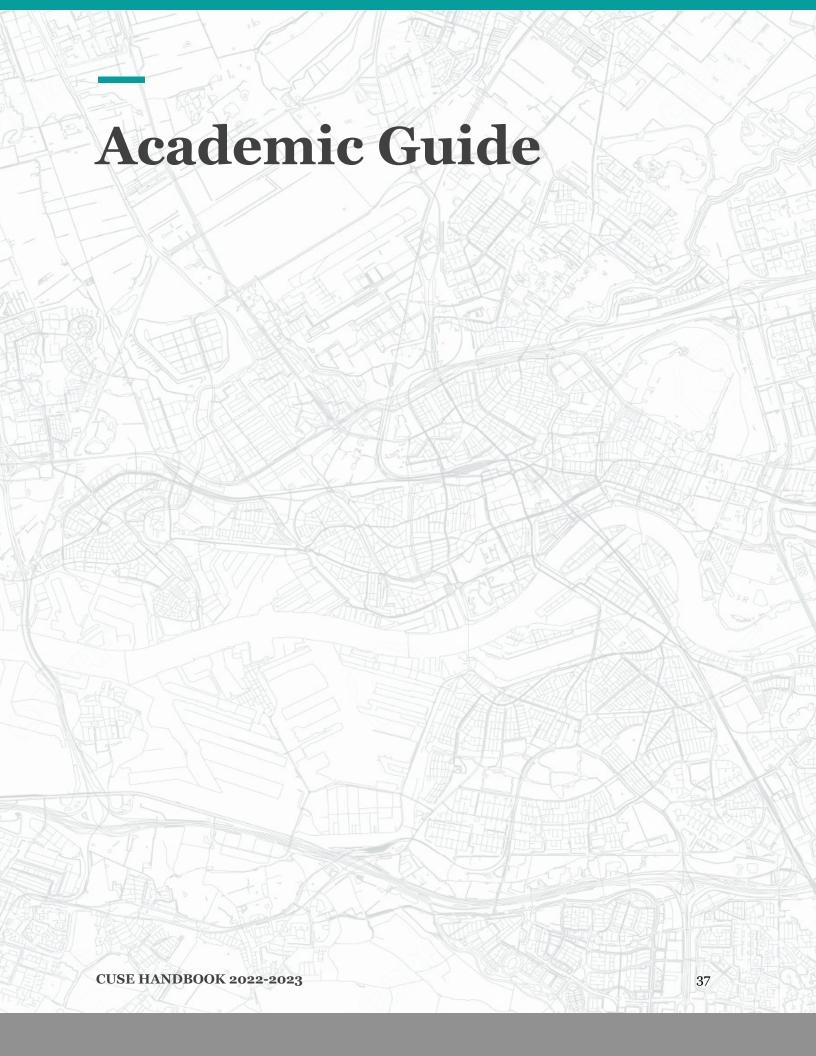
### Resources on Official Documents related to Sexual Harassment

https://www.gendercell.iitb.ac.in/res.html

### **Contact Gender Cell**

Female QRT (Quick Response Team) in-charge: 9167398598

gendercell@iitb.ac.in



# **Grading Policy**

Like most of the engineering colleges IIT Bombay also follows Grade Point system here which is known as CPI system (Cumulative Performance Index). For every course taken by the students, he/she is assigned a letter grade on his/her combined performance in all the assessments. These grades are described by the following letters and corresponding grade points.

Letter Grade	Grade Point	Letter Grade	Grade Point
AP	10	FF and FR**	О
AA	10	PP	Passed (o)
AB	9	NP	Not Passed (o)
ВВ	8	AU <sup>\$</sup>	Passed (o)
ВС	7	DX***	Fail due to lack of attendance
CC	6	W	О
CD	5	II#	Incomplete
DD*	4	DR	Dropped

<sup>\*</sup> Minimum passing grade in a course is **DD** 

- \*\* **FF** and **FR** grade shall be treated as failure grades. Reexamination may be permitted for a course if he/she obtains **FF** grade. After such reexamination if the student passes in that course, he/she will be awarded the maximum grade of **DD** in that course. If a student does not take or fails in the reexamination, he/she will be awarded the grade **FR**.
- \* A student wanting just an exposure to a course, without the rigors of obtaining a letter grade, can register a course in 'Audit' mode.
- # The grade II shall be awarded to a student in a lecture/ laboratory course if he/she has satisfactory insemester performance and has fulfilled the attendance requirement, but has not appeared for the semester end examination. The student will be eligible for a makeup for the semester end examination if the absence was due to medical reasons or extraordinary circumstances.
- \*\*\* **DX** grade is awarded to students who have inadequate attendance

The students have an option of taking a course as "Additional Learning". "Additional Learning" tagged courses will be in addition to the minimum course credit requirement and will not effect the SPI/CPI, but the actual grades obtained will be shown in the transcript.

Source - <a href="https://gymkhana.iitb.ac.in/~scp/scp/pdfs/grading.pdf">https://gymkhana.iitb.ac.in/~scp/scp/pdfs/grading.pdf</a>

## **Academic E-Resources**

### 1.NPTEL (National Programme on Technology Enhance Learning)

https://onlinecourses.nptel.ac.in/

NPTEL is a joint initiative of the IITs and IISc. Through this initiative, they offer online courses and certification in various topics which are free for all and have certification exam (For a nominal fee). Learn anytime, anywhere! Only requirement is interest and enthusiasm to learn.

### 2. CDEEP (Centre for Distance Engineering Education Programme)

http://www.cdeep.iitb.ac.in/

CDEEP is mainly involved in reaching out to the world by extending the teaching and learning happening on the campus. The courses offered through CDEEP are taught by IIT Bombay faculty for IIT Bombay students. These lectures are transmitted live and also recorded for future use.

# **Other Important Stuff**

### **LDAP ID**

It is the unique identification of each individual in IIT Bombay. By default, the LDAP ID assigned to you will be your roll number and the associated password will be generated after you have come to the Institute.

### **IITB Internet Access**

### https://internet.iitb.ac.in/

Your roll number will be provided to you during institute orientation with a welcome kit. You should remember your roll number. You will get a LDAP Id which you can use to browse the internet.

### **IITB Access**

This platform provides one point access to important services like webmail, moodle, ASC, video conferencing apps and many other software and services.

### Moodle

### https://moodle.iitb.ac.in/login/index.php

It is the website which provides for academic interactions between faculty and students in IIT Bombay. From Moodle, you can download all the course materials uploaded by the Course Instructor for the course you have registered for and also interact with the faculty and it is a forum for academic discussions.

### **MS Teams**

### https://www.microsoft.com/en-in/microsoft-teams/download-app

It is the application for online lectures, meetings, course materials and assignment submissions.

### **Google Meet**

https://meet.google.com/

It is the application for online lectures and meetings.

### **SAFE**

https://play.google.com/store/apps/details?id=com.iitb.cse.arkenstone.safe v2

SAFE app by IIT Bombay is an online assessment tool for conducting quizzes and examinations.

### CodeTantra

https://auth.codetantra.com/a/?2vbjjwzodl727w8hxfh

CodeTantra is also used for conducting proctored online examinations.

### **IITB Webmail**

https://webmail-sso.iitb.ac.in/

This is your personalised email in IITB. You will get your Email Id and you get enrolled in IITB.

### **ASC**

### http://asc.iitb.ac.in

This is the main website for all your administrative needs. You can check your fees, register for courses, check syllabi of various courses and can check your own academic performance and many more. ASC External - <a href="https://portal.iitb.ac.in/asc/Login">https://portal.iitb.ac.in/asc/Login</a>

### Library

### https://library.iitb.ac.in/

The website for the central library offers a search engine for books available in the library. You can also check the number of books issued at any given time, renew them and "queue" up for any book already drawn by some other individual.

### Links to access research papers

Google scholar <a href="https://scholar.google.co.in">https://scholar.google.co.in</a>

Research gate <a href="https://www.researchgate.net">https://www.researchgate.net</a>

leee xplorer <a href="https://ieeexplore.ieee.org/Xplore/home.jsp">https://ieeexplore.ieee.org/Xplore/home.jsp</a>

Scopus <a href="https://www.scopus.com">https://www.scopus.com</a>

Science direct <a href="https://www.sciencedirect.com">https://www.sciencedirect.com</a>

Koha iitb <a href="https://opac.library.iitb.ac.in/">https://opac.library.iitb.ac.in/</a>

### Links to download software

QGIS <a href="https://qgis.org/en/site/forusers/download.html">https://qgis.org/en/site/forusers/download.html</a>

R <u>https://cran.r-project.org/bin/windows/base/</u>

R studio <u>https://rstudio.com/products/rstudio/download/</u>

Ansys <a href="https://www.ansys.com/en-in/academic/free-student-prod">https://www.ansys.com/en-in/academic/free-student-prod</a>

<u>ucts</u>

Anylogic <a href="https://www.anylogic.com/downloads/">https://www.anylogic.com/downloads/</a>

STAN <a href="https://www.stan2web.net/downloads">https://www.stan2web.net/downloads</a>

open LCA <a href="https://www.openlca.org/download-form/">https://www.openlca.org/download-form/</a>

JalTantra <a href="https://www.cse.iitb.ac.in/jaltantra/">https://www.cse.iitb.ac.in/jaltantra/</a>

Mendeley <a href="https://www.mendeley.com/download-desktop-new/">https://www.mendeley.com/download-desktop-new/</a>

### **Useful links**

CUSE Website <a href="http://cuse.iitb.ac.in/">http://cuse.iitb.ac.in/</a>

ISCP Website https://gymkhana.iitb.ac.in/~scp/scp/index.html

PGAC Website https://gymkhana.iitb.ac.in/~academics/pgac/

All Students https://gymkhana.iitb.ac.in/

Activities

Rules and http://www.iitb.ac.in/newacadhome/rules/newugrules.html

Regulations

Academic <a href="http://www.iitb.ac.in/newacadhome/toacadcalender.jsp">http://www.iitb.ac.in/newacadhome/toacadcalender.jsp</a>

Calendar

https://www.cc.iitb.ac.in/

Software

Center

VPN <a href="https://www.cc.iitb.ac.in/">https://www.cc.iitb.ac.in/</a> > How To's > VPN

### **Facebook links**

Buy and Sell @ <a href="https://www.facebook.com/groups/buysell.iitb/">https://www.facebook.com/groups/buysell.iitb/</a>
IITB

ISCP Facebook <a href="https://www.facebook.com/iitb.iscp/">https://www.facebook.com/iitb.iscp/</a>

Page

PGAC Facebook <a href="https://www.facebook.com/pgac.iitb/">https://www.facebook.com/pgac.iitb/</a>

Page

### **Useful Apps**

InstiApp Info about events, <a href="https://play.google.com/store/apps/details">https://play.google.com/store/apps/details</a>

mess menu, ?id=in.designlabs.instimap

placement blog and

maps

m-indicato Navigate through <a href="https://play.google.com/store/apps/details">https://play.google.com/store/apps/details</a>

r entire Mumbai with ?id=com.mobond.mindicator

ease

Arogya App to proactively <a href="https://play.google.com/store/apps/details">https://play.google.com/store/apps/details</a>
Sethu reach out to and <a href="mailto:?id=nic.goi.aarogyasetu&hl=en\_IN&gl=US">?id=nic.goi.aarogyasetu&hl=en\_IN&gl=US</a>

reach out to and inform the users regarding risks, best practices and

practices and relevant advisories pertaining to the containment of

COVID-19.

Co-WIN Vaccination booking <a href="https://www.cowin.gov.in/">https://www.cowin.gov.in/</a>

and downloading

certification

### **Emergency numbers**

Note: The numbers inside the brackets are extension numbers. If you are calling from a landline inside IIT Bombay, use only the 4 numbers in the brackets.

Ambulance: 022 - 2576 (1101/1110)

Hospital: 022 - 2576 (7051)

Main Gate: 022 - 2576 (1123)

Y Point Gate: 022 - 2576 (1121)

Security: 022 - 2576 (1100)