

# **ICVGIP 2012**

**Eighth Indian Conference on  
Vision, Graphics and Image Processing**

**16th to 19th December, 2012**

**Indian Institute of Technology Bombay**

**Mumbai, India**

**Local Information Booklet**



# Welcome

Dear ICVGIP 2012 Attendee,

On behalf of the organizing committee and IIT Bombay, we extend a warm welcome to you. ICVGIP is a major meeting for researchers in computer vision, imaging and graphics; we are humbled to be able to provide a platform for some of the finest minds in the country and elsewhere to present their research. At the time of going to press, the total number of registrations is already more than 330, with an overwhelming majority being students.

We look forward to your participation in 3 parallel events on Day 0 that run from 9AM right up to 10PM, followed by single track sessions with brilliant plenary speakers, and exciting poster spotlight presentations on other days. Each of these events have their own special owners who have done a fantastic job in putting together the programme.

An event of this magnitude cannot happen without the support of many people. All of them have been listed in this handout, and on the public web page. We sincerely thank one and all of them. The organization of this event started a few months after ICVGIP 2010, and has been backed splendidly in the last few days leading up to the event by a committed, core bunch of volunteers who deserve special kudos.

All the events, except for the conference dinner on Day 2 at the lawns bordering the Powai lake, are at the Victor Menezes Convention Centre (VMCC). The name notwithstanding, this modest, centrally located building will provide old-fashioned charms - do not be surprised with friendly avian species you might encounter here. Do, however, be cautious with *Panthera pardus fusca* not uncommonly reported on campus at late nights and early morning in desolate areas since the Institute of Technology Bombay (IITB) is adjacent to a National Park.

Enjoy ICVGIP 2012, IIT Bombay, Mumbai, India.

With best wishes,  
The Local Organizing Team, ICVGIP 2012

## **Getting Around in IIT Bombay**

The venue of the conference and of the satellite workshops is the lush green campus of IIT Bombay.

You will be required to present an identification document with your photograph (passport / identity card issued by your organization / driving license, or equivalent) at the Main Gate while entering the campus. If you are carrying a laptop, you need to obtain a temporary gate pass as part of IIT Bombay security regulations. Unfortunately, security regulations at IIT Bombay require every visitor to obtain such a temporary gate pass every time he/she brings a laptop into the campus. You will need the make, model and serial number of your laptop when you are asked to fill up a form at the Main Gate.

IIT Bombay provides shuttle-bus (popularly called “Tum-tum”) services for commuting inside the campus. You can either walk, or take the shuttle-bus to reach the conference venue or the hostels from the Main Gate. The nearest shuttle-bus stop from the conference venue is VMCC but the Main Building is also a walkable option. Pre-paid Tum-tum coupons / tickets can be purchased from the Transportation Kiosk situated near the Convocation Hall. Subject to demand limited Tum-tum coupons / tickets may be available at the conference registration desk.

## **Accommodation**

Conference-provided accommodations for participants are at

1. **MTNL guest house:** MTNL guest house is where we have reserved rooms for all of you who asked for “Delegate Accommodation.” The guest house has shared (twin-sharing) A/C rooms. The conference will provide limited, complimentary shuttle bus transportation to and from this guest house to the conference venue.

Address: CETTM Hostel (MTNL),  
Main Street, Hiranandani Gardens,  
Powai, Mumbai 400076.  
Phone number: (022) 2570 4445

2. **IIT Bombay students’ hostels:** The conference has arranged accommodation for students in IIT Bombay students’ hostels. Male students will be accommodated in shared rooms in Hostel 12, 13 and 14 while women students will be accommodated in shared rooms in Hostel 11. Mattresses, buckets and mugs will be provided in the hostel rooms. The students are advised to bring all other necessities with them, especially locks. The conference venue is at a walkable distance from both hostels. Alternatively, one can use the services of the campus shuttle bus (Tum-tum).

All delegates staying in conference-provided accommodation are requested to abide by the rules and regulations of the respective facilities. Information regarding such rules and regulations will be provided by the respective facility managements at the time of occupying rooms.

For the benefit of delegates who have opted to arrange accommodation on their own, the following is a partial list of some facilities close to IIT Bombay. Those facilities within a distance of 2 km from IIT Bombay are indicated on the map with corresponding labels. Please note that transportation from these locations will **not** be provided to or from these facilities, and delegates staying at these facilities would need to commute to and from the conference venue on their own.

1. **Hotel Rodas**

Address: Central Avenue, Hiranandani Gardens, Powai, Mumbai - 400076.

Website: <http://www.rodashotel.com/>

Phone number: (022) 6693 6969

2. **Hotel Meluha The Fern**

Address: Central Avenue, Hiranandani Gardens, Powai, Mumbai - 400076.

Website: <http://www.meluhafernhotel.com/>

Phone number: (022) 2575 5555

3. **Hotel The Beatle**

Address: Orchard Avenue, Hiranandani Gardens, Powai, Mumbai - 400076.

Website: <http://www.beatlehotels.com/>

Phone numbers: (022) 4089 5000 , (022) 6115 1000

4. **CHS guest house**

Address: Near Cafe Coffee Day, Powai, Mumbai 400076.

Website: <http://powai.info/2010/04/27/chs-guest-house-powai-mumbai/>

Phone number: 9869443365

5. **Renaissance Mumbai Convention Centre Hotel**

Address: #2 & 3B, Near Chinmayanand Ashram, Powai, Mumbai - 400087

Website: <http://www.marriott.com/hotels/>

Phone number: (022) 6692 7777

6. **The Residence Hotel**

Address: Before Vihar Lake, Powai, Mumbai - 400087

Website: <http://theresidencehotel.com/index>

Phone number: (022) 2858 5100, (022) 2857 5000

## **Transportation to / from Conference Venue**

We have arranged on a first come first serve basis, complimentary shuttle bus services for the transportation of delegates from MTNL guest house to the conference venue, and back. The timings to report for these shuttle services are as follows.

Date	MTNL Guest House to IIT	IIT to MTNL Guest House
Dec 16	8:15 am	9:30 pm
Dec 17	8:15 am	6:30 pm
Dec 18	8:30 am	10:15 pm
Dec 19	8:30 am	2:15 pm

If you happen to miss a shuttle service, an auto-rickshaw would be the quickest way to get to your destination. Walking is also an option, especially in the morning.

## **Conference**

The ICVGIP conference will be held from Dec 16 to Dec 19. There are three co-located events: MedImage 2012, DAR 2012, ERC 2012. All three events are scheduled on the first day of ICVGIP 2012 in parallel with a tutorial session. Participants are encouraged to see the detailed schedule to decide which sessions/events they want to attend. The scope of each event is explained in detail on their websites respectively.

## **Registration and Help Desk**

The registration / help desk will be located on the ground floor of the conference venue, at the Victor Menezes Convention Center.

## **Venue of Talks**

All events, on all days will happen in the Victor Menezes Convention Center (VMCC). More information about the venue can be found at:

<http://www.cse.iitb.ac.in/graphics/icvgip2012/about-vmcc.php>

## Conference Schedule at a Glance

		Day 0 Sunday 16-Dec-2012	Day 1 Monday 17-Dec-2012	Day 2 Tuesday 18-Dec-2012	Day 3 Wednesday 19-Dec-2012	
Morning	09:00 - 13:00	MedImage 2012	Opening Remarks (10 min)	Plenary Peter Belhumeur (60 min)	Plenary Katsushi Ikeuchi (60 min)	
		DAR 2012	Plenary William Freeman (60 min)	3 Oral: Session T1 (60 min)	3 Oral: Session W1 (60 min)	
		Tutorial	2 Oral: Session M1 (40 min)			
		Break (at 11:00) (30 min)		Break (30 min)	Break (20 min)	Break (20 min)
		MedImage 2012	DAR 2012	Tutorial	5 Oral: Session M2 (100 min)	5 Oral: Session T2 (100 min)
		Closing Remarks (20 min)				
13:00 - 14:00		Lunch Break (60 min)				
Afternoon	14:00 - 18:00	MedImage 2012	3 Oral: Session M3 (60 min)	Plenary Manik Varma (60 min)		
		DAR 2012	28 Poster Spotlight PS1 (30 min)	28 Poster Spotlight PS2 (30 min)		
		Tutorial	28 Poster: Session PS1 (120 min)	28 Poster: Session PS2 (120 min)		
		Break (at 15:30) (30 min)		Break (30 min)		Break (30 min)
		MedImage 2012 (Ends 18:00)	DAR 2012 (Ends 18:30)	ERC 2012 Invited Talk (Begins 17:00)		
Evening		ERC 2012 Posters				
		ERC Panel Discussion (Begins 19:00)			ICVGIP Organizational Meeting	
		Welcome Reception (20:00)			Conference Dinner (20:00 to 22:00)	

## **Programme for Co-located Events**

Note: The schedule listed are based on information available on the web page at the time of going to press. Check the web page for the latest update.

### **MedImage 2012**

9:30 – 9:45	Opening Remarks
9:45 – 10:30	Plenary Talk 1
10:30 – 10:50	Break
10:50 – 11:30	Oral Presentations 1
11:30 – 13:00	Invited Talks 1
13:00 – 14:00	Lunch
14:00 – 14:45	Plenary 2
14:45 – 15:35	Oral Presentations 2
15:35 – 16:05	Invited Talks 2
16:05 – 16:15	Break
16:15 – 17:45	Invited Talks 2 Continue
17:45 – 18:00	Concluding Remarks

For more details: <http://www.rad.upenn.edu/sbia/Medimage2012/>

(webpage managed by Prof. Ragini Verma)

### **DAR 2012**

9:00 – 10:00	Technical Session 1A
10:00 – 11:00	Invited Talk 1
11:00 – 11:30	Break
11:30 – 12:30	Invited Talk 2
12:30 – 12:50	Technical Session 1B
12:50 – 13:00	Poster Fast Forward
13:00 – 14:00	Lunch
14:00 – 15:00	Poster Session
15:00 – 15:30	Break
15:30 – 15:40	Demo Fast Forward
15:40 – 16:30	Technology Demo Session
16:30 – 18:30	Technical Session 2

For more details: <http://mile.ee.iisc.ernet.in/dar2012/>

(webpage managed by Prof. A.G. Ramakrishnan)



## ERC 2012

17:00– 18:00	Invited Talk
18:00 – 19:00	Poster Session
19:00 – 20:00	Panel Discussion

For more details: <http://cvit.iit.ac.in/IWCVPR/ERC/erc.html>

(webpage managed by Prof. C. V. Jawahar)

## ICVGIP 2012 Programme

DAY 0, December 16, 2012		
9:00 – 11:00	Tutorial	<b>Topics in Computational Visual Recognition</b> Prof S. Maji (TTI, USA) and Nikhil Rasiwasia (Yahoo Research, India)
11:00 – 11:30	Break	
11:30 – 13:00	Tutorial	Tutorial continues
13:00 – 14:00	Lunch	
14:00 – 17:00	Tutorial	Tutorial continues
20:00 – 21:00	Dinner	Welcome Reception
Day 1, December 17, 2012		
9:00 – 9:10	Opening Session	General Co-Chair Subhasis Chaudhuri (IIT Bombay, India) Program Co-Chair Bill Triggs (CNRS, France) Local Organizing Co-Chair Parag Chaudhuri (IIT Bombay, India)
9:10 – 10:10	Plenary Talk	<b>Seeing Things that are Hard to See</b> William Freeman (MIT, USA)  <i>Session Chair: Andrew Zisserman (University of Oxford)</i>
10:10 – 10:50	Oral Session M1	<b>Joint MAP Estimation For Blind Deconvolution: When Does It Work</b> Renu Rameshan (IIT Bombay), Subhasis Chaudhuri (IIT Bombay), Rajbabu Velmurugan (IIT Bombay)  <b>Increasing Intensity Resolution On A Single Display Using Spatio-Temporal Mixing</b> Pawan Harish (IIITH), Parikshit Sakurikar (IIITH), P.J. Narayanan (IIITH)  <i>Session Chair: Subodh Kumar (IIT Delhi)</i>
10:50 – 11:20	Break	

11:20 – 13:00	Oral Session M2	<p><b>High Resolution 3-D MR Image Reconstruction From Multiple Views</b> Prasenjit Mondal (IIT Kharagpur ), Jayanta Mukherjee (IIT Kharagpur), Shamik Sural (IIT Kharagpur) , Pinak Bhattacharyya (Quadra Medical Services Pvt. Ltd., India.)</p> <p><b>A Method For Motion Detection And Categorization In Perfusion Weighted MRI</b> Rohit Gautam (IIITH), Jayanti Sivaswamy (IIITH), Ravi Varma (IIITH)</p> <p><b>Motion Pattern-Based Image Features For Glaucoma Detection From Retinal Images</b> K Sai Deepak (IIITH), Madhulika jain (IIITH), Gopal Datt Joshi (IIITH), Jayanti Sivaswamy (IIITH)</p> <p><b>Improved Quadric Surface Impostors For Large Bio-Molecular Visualization</b> Pranav Bagur (NIT Suratkal), Nithin Shivashankar (IISc), Vijay Natarajan (IISc)</p> <p><b>Tweening Boundary Curves Of Non-Simple Immersions Of A Disk</b> Uddipan Mukherjee (UC Irvine), Gopi M. (UC Irvine)</p> <p><i>Session Chair: Santanu Chaudhury (IIT Delhi)</i></p>
13:00 – 14:00	Lunch	
14:00 – 15:00	Oral Session M3	<p><b>Accurate And Efficient Rendering Of Detail Using Directional Distance Maps</b> Ravish Mehra (IIT Delhi), Subodh Kumar (IIT Delhi)</p> <p><b>Hybrid Ray Tracing And Path Tracing Of Bezier Surfaces Using A Mixed Hierarchy</b> Rohit Nigam (IIITH), P. J. Narayanan (IIITH)</p> <p><b>Efficient Texture Mapping By Homogeneous Patch Discovery</b> Vikram Singh (IIITH) , Anoop Namboodiri (IIITH)</p> <p><i>Session Chair: Gopi Meenakshisundaram (UC Irvine)</i></p>
15:00 – 15:30	Poster Spotlight PS1	<p>Details at: <a href="http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS1">http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS1</a></p> <p><i>Session Chair: Jayanta Mukherjee (IIT Kharagpur)</i></p>
15:30 – 16:00	Break	

16:00 – 18:00	Poster Session PS1	Details at: <a href="http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS1">http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS1</a>
<b>Day 2, December 18, 2012</b>		
9:00 – 10:00	Plenary Talk	<b>Describable Visual Attributes for Computer Vision</b> Peter Belhumeur (Columbia University, USA)  <i>Session Chair: Subhasis Chaudhuri (IIT Bombay)</i>
10:00 – 11:00	Oral Session T1	<b>Enhanced Eigenspace Separation Transform For Classification</b> K. Ramachandra Murthy (ISI Kolkata), Ashish Ghosh (ISI Kolkata)  <b>Sparse Discriminative Fisher Vectors In Visual Classification</b> Vinay Garg (IIITH), Siddhartha Chandra (IIITH), C. V. Jawahar (IIITH)  <b>On The Use Of Regions For Semantic Image Segmentation</b> Rui Hu (University of Surrey), Diane Larlus (Xerox Research Center Europe), Gabriela Csurka (Xerox Research Center Europe)  <i>Session Chair: Manik Varma (Microsoft Research India)</i>
11:00 – 11:20	Break	
11:20 – 13:00	Oral Session T2	<b>Large-Scale Statistical Modeling Of Motion Patterns: A Bayesian Nonparametric Approach</b> Santu Rana (Deakin University), Dinh Phung (Deakin University), Sonny Phan (Curtin University), Svetha Venkatesh (Deakin University)  <b>FaSTIP: A New Method For Detection And Description Of Space-Time Interest Points For Human Activity Classification</b> Soumitra Samanta (ISI Kolkata), Bhabatosh Chanda (ISI Kolkata)  <b>A Stochastic Image Denoising Algorithm Using 3-D Block Filtering Under A Non-Local Means Framework</b> Sreekanth Pai (College of Engineering Trivandrum), Jiji C. V. (College of Engineering Trivandrum)

		<p><b>Real Time Mosaicing And Change Detection System</b> Sreyas Srimath Tirumala (Kritikal Solutions Private Ltd), Jitendra Kumar (Kritikal Solutions Private Ltd), Saurabh Pandey (Kritikal Solutions Private Ltd)</p> <p><b>A Bayes Filter Based Adaptive Floor Segmentation With Homography And Appearance Cues</b> Suryansh Kumar (IIITH), Ayush Dewan (IIITH), K Madhava Krishna (IIITH)</p> <p><i>Session Chair: A. Rajagopalan (IIT Madras)</i></p>
13:00 – 14:00	Lunch	
14:00 – 15:00	Plenary Talk	<p><b>On Internet Computer Vision</b> Manik Varma (Microsoft Research India)</p> <p><i>Session Chair: Bill Triggs (CNRS)</i></p>
15:00 – 15:30	Poster Spotlight PS2	<p>Details at: <a href="http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS2">http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS2</a></p> <p><i>Session Chair: C. V. Jawahar (International Institute of Information Technology Hyderabad)</i></p>
15:30 – 16:00	Break	
16:00 – 18:00	Poster Session PS2	<p>Details at: <a href="http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS2">http://www.cse.iitb.ac.in/graphics/icvgip2012/paper-schedule.php#PS2</a></p>
18:00 – 20:00	Meeting	ICVGIP Organizational Meeting
20:00 – 22:00	Dinner	Conference Dinner
<b>Day 3, December 19, 2012</b>		
9:00 – 10:00	Plenary Talk	<p><b>E-Heritage, Cyber-Archaeology, and Cloud Museum</b> Katsushi Ikeuchi (University of Tokyo)</p> <p><i>Session Chair: P. J. Narayanan (International Institute of Information Technology Hyderabad)</i></p>
10:00 – 11:00	Oral Session W1	<p><b>Content Level Access To Digital Library Of India Pages</b> Praveen Krishnan (IIITH), Ravi Shekhar (IIITH), C. V. Jawahar (IIITH)</p>

		<p><b>Featurematch: An Efficient Low Dimensional Patchmatch Technique</b> Avinash Ramakanth S (IISc), Venkatesh Babu Radhakrishnan (IISc)</p> <p><b>Detection And Segmentation Of Approximate Repetitive Patterns In Relief Images</b> Harshit Agrawal (IIITH), Anoop Namboodiri (IIITH)</p> <p><i>Session Char: Dipti Prasad Mukherjee (ISI Kolkata)</i></p>
11:00 – 11:20	Break	
11:20 – 12:40	Oral Session W2	<p><b>Digital Restoration Of Damaged Mural Images</b> Pulak Purkait (ISI Kolkata), Bhabatosh Chanda (ISI Kolkata)</p> <p><b>Are Buildings Only Instances? Exploration In Architectural Style Categories</b> Abhinav Goel (IIITH), Mayank Juneja (IIITH), C. V. Jawahar (IIITH)</p> <p><b>Heritage App: Annotating Images On Mobile Phones</b> Jayaguru Panda (IIITH) , Shashank Sharma (IIITH) , C. V. Jawahar (IIITH)</p> <p><b>Geometry Directed Browser For Personal Photographs</b> Aditya Deshpande (IIITH), Siddharth Choudhary (IIITH), P. J. Narayanan (IIITH), Kaustav Kundu (IIITH)</p> <p><i>Session Chair: Parag Chaudhuri (IIT Bombay)</i></p>
12:40 – 13:00	Closing Session	<b>Concluding Remarks</b>

## **Food**

### **Breakfast**

Student delegates accommodated in IIT Bombay hostels can pay and have breakfast in the hostel mess. For others accommodated at MTNL Guest House, the guest house provides breakfast on payment if you inform them the night before. Apart from this, Gulmohar cafeteria is a good place for breakfast, starts operating from 7.45 am, and is at a walkable distance from the conference venue.

### **Lunch, Tea / Coffee**

Lunch, tea / coffee will be provided at the conference site on all the conference / workshop days.

### **Dinner**

The conference will have a welcome reception on December 16 and the conference dinner on the December 18. These are open to all ICVGIP participants. On other days, participants are expected to make arrangements for dinner on their own. There are plenty of good restaurants around IIT Bombay. A list of some good restaurants is provided in the section on miscellaneous facilities. Student delegates staying in hostels can have dinner at the hostel dining hall on payment. The guest house will also provide paid dinner if intimated in advance.

## **Internet Connectivity**

WiFi Internet facility will be available at the conference venue, i.e., at VMCC. The procedure to setup WiFi at the venue and connect to the internet is as follows:

### **For Windows 7 users:**

1. Open *Network and Sharing Center*.
2. Select *Manage Wireless Network* and click on *Add*.
3. Select *Manually Create Profile*
4. Set Network name to *IITB-Wireless*, Security type to *WPA1-Enterprise*, Encryption type to *AES*
5. Check *Start this Connection Automatically* and click on *Next*
6. Select *Change Connection Settings*
7. Select Security tab and click on *Advanced Settings*
8. Check *Specify Authentication Mode* & select OK
9. Select *Microsoft:Protected EAP (PEAP)* as network authentication method.
10. Click on Settings and uncheck *Validate Server Certificate*
11. Click on Configure for Secured Password (*EAP-MSCHAP v2*) authentication method
12. Uncheck *Automatically use my Windows Logon* & click on OK.

**For Linux users:**

1. Select the WiFi Network with SSID *IITB-Wireless*.
2. Set Wireless Security type to *WPA and WPA2-Enterprise*, Authentication to *PEAP*, PEAP Version to *Automatic*, Inner Authentication to *MSCHAPv2*.
3. Type in the LDAP username and password that you will get at the registration desk and click *Connect*.

**Browser Proxy Settings:**

Proxy Server: netmon.iitb.ac.in

Port: 80

Do not forget to set "Use no proxy for local addresses i.e., \*.iitb.ac.in and 10.0.0.0/8 .

Username/Password: LDAP username and password will be given at the registration desk.

## **Emergency Contact Information**

**Registration Team**

Neha Bhargava	8879261814
Abhimitra Meka	8879006038
Vineet Gokhale	9833410204
Amit Bhardwaj	9833437623
Hitesh Kewalramani	9321186717
Gaurav Bhagwat	9833409883
Sarbartha Sengupta	9820692656

**Accommodation Team**

Delegate Accommodation (MTNL Guest House)

Amit Bhardwaj	9833437623
Sunil T T	8879006251

Ladies Hostel Accommodation

Harsimran Kaur	9494160979
Ankita Jain	9920688668

Boys Hostel Accommodation

Biplab Banerjee	7666965452
Chandrajit Choudhury	9833518858

**Transportation**

Sunil T T	8879006251
Kuldeep	8879005809

**Food**

Prakash	9930782414
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## **Miscellaneous Facilities**

### **Banks / ATMs**

Canara Bank has a branch in the Gulmohar building and State Bank of India has a branch at the Main Gate. Both of these branches provide an ATM facility. A branch of ICICI bank located at Galleria, Hiranandani provides currency exchange, in addition to ATM facility. Two ATMs are in the student hostel area.

### **Restaurants**

There are a plenty of restaurants around IIT. Some of the popular ones among them are the following.

1. **Gulmohar restaurant and cafeteria:** This is located in the IIT campus itself. It is among the less costly restaurants. The cafeteria located on the ground floor operates only during daytime.
2. **Laxmi restaurant and bar:** This is a pure vegetarian and less costly restaurant located on the way from IIT to Hiranandani Estate. The bar is located just above the restaurant.
3. **Mantra's, Saffron Spice, Kinnkon Roccs:** These are among the more costly veg / non-veg restaurants and they provide mainly Punjabi, Chinese and Continental dishes, with an excellent service.
4. **Pizza Hut:** As the name suggests, this is a restaurant specially serving a variety of pizzas and Italian items.
5. **China Town:** This restaurant, located in the Galleria, specializes in Chinese items.
6. **Yoko's Sizzlers:** This is another restaurant located in the Galleria and serves an excellent variety of veg and non-veg sizzlers.
7. **Opposite DMart:** Aroma's, Papa Johns Pizza, Mainland China, Yellow Chilly, Chilly, Kebab Factory, etc.

A comprehensive list of restaurants in and around Powai, and their contact details can be obtained at <http://www.zomato.com/mumbai>.

### **Markets**

Hiranandani estate is the main marketing area near IIT. Galleria has a spot good for shopping clothing and also has a lot of restaurants and fast-food eateries. DMart and Haiko are two malls in the Hiranandani area. Besides these, IIT has a marketplace near the Y-point gate. This is small market and where one can purchase eatables, on-the-counter medicines, and grocery.

### **Hospitals**

Hiranandani hospital is a well equipped hospital near IIT. Their contact number is (022) 25763300 - 33 and their website is <http://www.hiranandanihospital.org/>. Limited and urgent medical facilities can also be availed at the IIT hospital (Contact numbers: Office - (022) 25767051 Ambulance: (022) 25761101) which is inside the IIT campus and Powai hospital (Contact number: (022) 25780707) which is just outside the IIT Main Gate.



## **Getting Around Mumbai**

BEST buses and local trains are the cheapest means of traveling in Mumbai. We recommend you to consult the Mumbai navigator (<http://www.cse.iitb.ac.in/navigator>) to plan your bus / train travel. You are advised not to travel in local trains, in the up direction (from Powai / Kanjurmarg towards South Mumbai) during the morning peak rush hours (8:00am to 11:00am) and in the down direction (from South Mumbai towards Powai / Kanjurmarg) during the evening peak rush hours (7:00pm to 10:00pm). The bus and local train services are not available from 1:00am to 4:00am.

Auto-rickshaws, taxis, and cabs are the other options for travel. Auto-rickshaw and taxi drivers are obliged to produce the tariff card, if requested by the traveller. The tariff cards are also available online at <http://www.go4mumbai.com/>. In case you want to book a cab for your journey, apart from boarding on the way, the following can be booked online or on phone.

1. Meru Cabs  
Phone: (022) 4422 4422  
Web-page: <http://www.merucabs.com/>
2. Easy Cabs  
Phone: (022) 4343 4343  
Web-page: <http://www.easycabs.com>
3. Mega Cabs  
Phone: (022) 4242 4242  
Web-page: <http://www.megacabs.com/>
4. Priyadarshini Cabs (especially for single women; a service managed by women)  
Phone: (91) 98202 21107

We recommend you to take a look at <http://www.go4mumbai.com/>. This site provides a wealth of information that could be useful while traveling in Mumbai.

## **Going Back**

### **By air**

The airport in Mumbai is called Chhatrapati Shivaji International Airport (CSIA) and is located in the heart of the city. It has two primary terminals - Terminal 1 is the domestic terminal and Terminal 2 is the international one. Each terminal is further comprised of several sub-terminals. Regardless of which terminal you arrive in, you can use an auto-rickshaw or a taxi / cab from your place of accommodation. For those arriving in Mumbai for the first time, the cab services is recommended. For those familiar with the auto-rickshaw system in Mumbai, you can choose to come by the slightly cheaper auto-rickshaws.

Detailed information about Chhatrapati Shivaji International Airport can be obtained from its official website (<http://www.csia.in>).

## By train

Mumbai has five major railway termini, and three primary suburban railway routes. These suburban railway routes are popularly called Western Line, Central Line and Harbour Line. You can take an auto-rickshaw / taxi to any of the five railway termini directly from your place of accommodation.

Alternatively, you can opt for cheaper travel by suburban trains (also called “local” trains) and BEST buses. **However, if you are a newcomers to the city, we would strongly advise you to not travel in suburban trains and buses during peak rush hours (8am - 11am and 5pm - 10pm) and especially if you have a significant amount of luggage. Also note that these services do not operate from 1am to 4am.**

**IIT Powai Main Gate** is the nearest bus stop and **Kanjurmarg** is the nearest suburban railway station from the IIT Bombay campus. If you decide to travel by the local trains, you can take a bus (15 mins, Rs. 6) or an autorickshaw (~ Rs. 20) to Kanjurmarg. Please follow the guidelines given below, to reach the terminus from where your train leaves. Note that suburban trains that stop at all stations are popularly called “slow” trains, while those that stop at select stations are called “fast” trains.

1. **Chhatrapati Shivaji Terminus Mumbai (CSTM):** Take a local train going towards CSTM from Platform 2. (45 mins, Rs. 8)
2. **Dadar Terminus:** Take a local train going towards Dadar / CSTM from Platform 2. (30 mins, Rs. 7)
3. **Lokmanya Tilak Terminus Kurla (LTT):** Take a local train going towards Dadar / CSTM from Platform 2 and get down at Vidyavihar (15 mins, Rs. 4). Take the foot over-bridge to exit towards “Vidyavihar East”. (You will cross at least 5 railway tracks in this process.) Take an auto-rickshaw or taxi to LTT.
4. **Mumbai Central Terminus:** Take a local train going towards CSTM / Dadar and get down at Dadar. Cross over to Dadar (Western Line) station using the foot over-bridge (you need not leave the station premises for this) and take a local train going towards Churchgate from Platform 2/4 (50 mins, Rs. 8). You can purchase a direct ticket to Mumbai Central Terminus from Kanjurmarg, and use it for both train rides.
5. **Bandra Terminus:** Cross the road at main gate and go to the IIT Main Gate bus stop on the opposite side of the road. Take a direct bus to Bandra Terminus from IIT Powai Main Gate bus stop.

**BEST buses from Kanjurmarg West to IIT Powai Main Gate:** 396ltd, 403ltd, 425ltd, 409ltd, 398ltd, 496ltd, 346ltd, 425, 424, 422, 461ltd, 307, 459ltd, 460ltd

**BEST bus from Bandra Terminus to IIT Powai Main Gate:** 422

## IIT Bombay Campus Map



Entrance/Exit Gates		Accommodation		Venue	
51	Main Gate (F3)	H12, H13, H14	Boys Hostels (A1, B1)	89	VMCC (C4)
52	Market Gate (E5) Entry Only	H11	Ladies Hostels (C2)	35	Gulmohar Lawns (D3)
		34, 35	IITB Guest House (D2, D3)		

## The Hiranandani Area



1	IIT Main Gate	3	Hiranandani Hospital	5	Rodas (Hotel)	5	KFC
2	MTNL Guest House (Delegate Accommodation)	4	Powai Hospital	6	Meluha – The Fern (Hotel)	5	Haiko Mall (Supermarket)
				7	Beetle (Hotel)	8	Galleria (Shopping Arcade)

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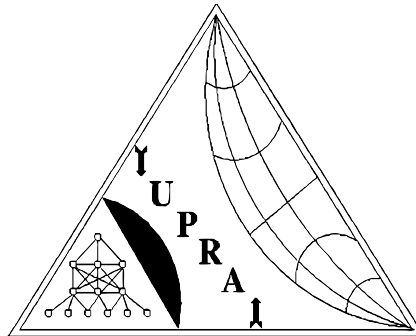
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