

Directives for newcomer students of MSc Virology under Pune University

Welcome to M.Sc. Virology, a viral disease super specialized degree programme of Institute of Bioinformatics and Biotechnology of University of Pune at National Institute of Virology (NIV), Pune. NIV is a reference center for World Health Organization. Here are some Frequently Asked Questions (FAQs).

1. What is the nature of course?

- ❖ M.Sc. Virology is a credit system course. 1 credit is equivalent to 15 hours of facilitation. Student completes minimum 100 credits to get the M.Sc. Virology degree out of which 75 credits must be from Virology discipline offered at NIV inclusive of 25 credits for research project related to virology/ viral disease.
- ❖ Students of this course have varied academic background. The students form their interdisciplinary group, share knowledge and interact on varied issues. Students have very good communication amongst themselves.
- ❖ The organizers of this course arrange expert facilitators from different disciplines, industries and professional bodies. These experts also constitute Advisory Committee for research projects. Students learn the concept, gain knowledge and develop skills on their own. Of course the institute provides the facilitation.
- ❖ Syllabus (http://icmr.nic.in/pinstitute/000263/Syllabus_msc.pdf) lists all the textbooks and literature which student must read before attending the facilitation sessions. Failing in prior reading leads to confusion during facilitation. Student must be up-to-date and regular and ready to face surprise tests. Contact Dr. RP Deolankar (Phone: 24330402 (R)) for information on educational program and facilities.
- ❖ The infrastructure of NIV is excellent for the study of viral diseases
- ❖ The Head NIV library, Mr. SN Singh (Phone: 26127301 Ext.227 (O), 27480463 (R)) takes special care to provide books and literature for students. The library also loans books and periodicals from other institutional libraries from Pune. The books are valuable and must be handled with care. Students can also avail books from Pune University library.

Contact Librarian:

1. Mr Jayakar Library, Pune University
Email: skpatil@unipune.ernet.in Tel.: 020-25693648, 25695549.
2. Director Institute of Bioinformatics and Biotechnology
Tel.: 020-25691300.

2. Where the course is conducted?

- ❖ Course is conducted at National Institute of Virology, MCC campus, Pashan. This campus is at outskirts of Pune city. Located at the foothill with a feel of hill station, it has a prize winning horticultural surrounding. A beautiful Pashan lake is in the vicinity of the campus. Balaji Temple is nearby. The picnic spot ancient Shiva temple "Someshwar" is about 4 km from the campus. A tranquil garden is located near this temple. Balewadi sports complex is not so far.
- ❖ The address is as follows:
National Institute of Virology, MCC campus
130/1, Sus Road, Pashan,
Pune 411 021, Maharashtra, India.
Tel: +91-20-25880982, 25889194, 25888746 Exn: 296
Email: mscvirology@icmr.org.in Fax: 91-20-25893640
Landmark: Opposite Hotel Shivanjali
- ❖ Some classes are arranged at NIV, Pune campus and at NARI, Bhosari. Special transport is usually arranged for students if a program is planned at NIV or NARI. Shuttle service is also available from NIV, Pune to MCC and back. Student must arrange themselves for regular up and down travel between campuses.
- ❖ The institute provides transport for educational tours within the city. Students contribute for long distance tours.

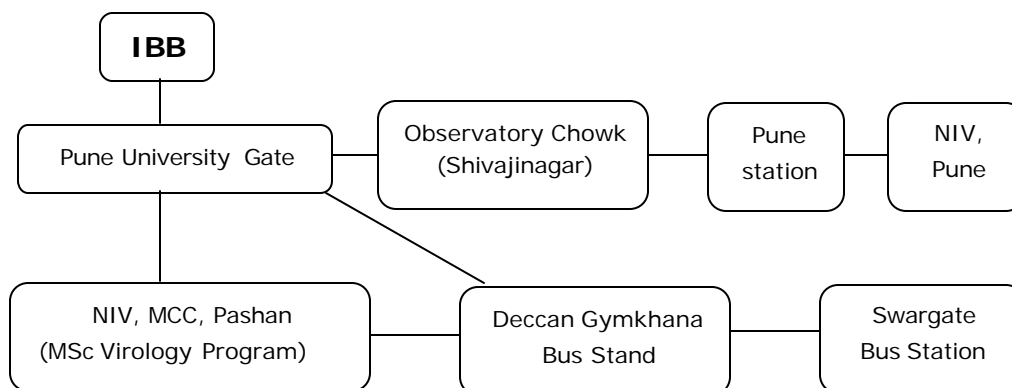
3. For admission: How to reach Institute of Bioinformatics and Biotechnology (IBB, Pune University)?

- ❖ Map (Annex-1)
- ❖ PMT routes (Annex-2)
- ❖ From Lohgaon Airport
By rickshaw (About 15 km): Approx Rs 100/-
- ❖ From Bharati Vidyapeeth to University
By PMT bus (Annex-2)
- ❖ From Pune station to IBB
By Rickshaw (About 8 km): Approx. Rs 50/-
By PMT bus: (Annex-2)
- ❖ From Shivajinagar to IBB
By Rickshaw: (About 6 km): Approx. Rs. 40/-
By PMT bus (Annex-2)
- ❖ From Swargate to IBB
By Rickshaw: (About 12 km): Approx Rs. 75/-
By PMT bus (Annex-2)

4. How to reach National Institute of Virology, MCC, Pashan?

(For Hostel Accommodation / attending classes)

- ❖ From Pune Station to NIV, MCC
NIV, Pune is closer to Pune Station.
Shuttle service from NIV, Pune to NIV, MCC (Pashan):
8.30 AM, 12.30 PM. (On working days only).
By Rickshaw (About 12 km): Approx. Rs 70/-
By PMT bus (Annex-2)
- ❖ From Shivajinagar to NIV, MCC
By Rickshaw (About 10 km): Approx. Rs 60/-
By PMT bus (Annex-2)
- ❖ From Swargate to NIV, MCC
By Rickshaw (About 16 km): Approx. Rs 100/-
By PMT bus (Annex-2)



5. Who helps me in the difficulty?

Contact for any difficulty you have.

Mr. SS Bedekar (Tel.: 24463189 (R))
or Mr. Pandharkar VP (Tel.: 25422930 (R))

6. Where should I stay?

Preferably in the MCC hostel

It is not uncommon that practical/ assignment work gets delayed hence most of the students prefer to stay in the hostel. At times students have worked in labs during nights. Hence, staying in hostel is an advantage.

7. What can be done in medical emergency?

Jeevandeep hospital exists in the vicinity. Ratna Memorial hospital is about 7 km away from the campus. Dr. Kotbagi Hospital is about 8 km from the campus. Several doctors have their practice in the vicinity of the campus. Some doctors also serve in NIV and help in emergencies.

8. Can I get private room in the hostel?

No.

The students staying in the hostel share the rooms and take food in the canteen. Lot of private accommodation is available in the vicinity of the campus.

9. Can parents visit student/ stay in the hostel?

Not in the hostel. Parents can avail NIV guesthouse if available. They can stay for 2-3 days and can take food in the canteen also on payment.

10. How much I pay for the hostel?

Hostel and canteen facilities are provided at subsidized rate. Students pay Rupees 500 per semester towards hostel charges. Students are given cots and beds but they must bring their own bed sheets, pillow covers, comforters and mosquito nets.

❖ To whom should I contact for the hostel?

Contact Mr. Kadam/ Mr. Dashrath (9822053840) for hostel accommodation.

11. How much I pay for food?

Rupees 15/meal. The usual meal contains dal, subji, chapati, chaval, dahi, papad, and salad. Desi ghee, special pickles etc could be brought by student. Either north Indian or south Indian snacks are served during breakfast. Considering Rs. 50/- per day food expenditure, student may spend about Rs. 30,000/- on food during the course.

❖ Can I get non-vegetarian food?

Not at present

❖ Can I get fruits?

Fruits available near the institutional premises are somewhat costly. Students can form a group and purchase fruits from the wholesale market.

12. What are the other expenses I may have to bear?

❖ Each student must bear a lab coat during practical. A pair of lab coats may cost about Rs. 700/-. Student would also require buying files, papers, note books (about Rs. 1000/-), computer discs and stationary (about Rs. 1000/-), drawing equipment (about Rs. 500/-), micropipettes (About Rs. 10, 000), Laundry charges (about Rs. 2000/-), and miscellaneous charges. In all student may spend Rs. 20,000/- during the course.

❖ Total Expenses for the Course (2 yrs) (Other than Fees)	
1. Hostel charges	2,000/-
2. Food	30,000/-
3. Other educational expenses	20,000/-
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Total	52,000/-

Fees

1. For domicile student approx. Rs. 50,000/-
2. For non-domicile Indian student approx. Rs. 75,000/-
3. For International student approx. Rs. 3,00,000/-

13. Should I bring laptop computer?

PowerPoint presentation with animation is common during facilitation. A laptop is an asset, however, is not absolutely required. Students taking research problem in Biostatistics/ Bioinformatics would have added advantage of laptop. (Contact Mr. Atul Walimbe Tel. 9890443276, for information on these subjects). Students share the available computers in the department.

14. Should I bring vehicle?

MCC, Pashan is at outskirts of Pune city. Half hourly city bus service is available. However, students keeping bike/ own vehicle feel comfortable in availing TOEFL or GRE tuitions etc or taking credits in other departments of the University. University departments are 6 km away. On average students taking external classes drive about 20-25 km/ d. The vehicle servicing shops are available in the vicinity.

15. Should I bring trekking equipment?

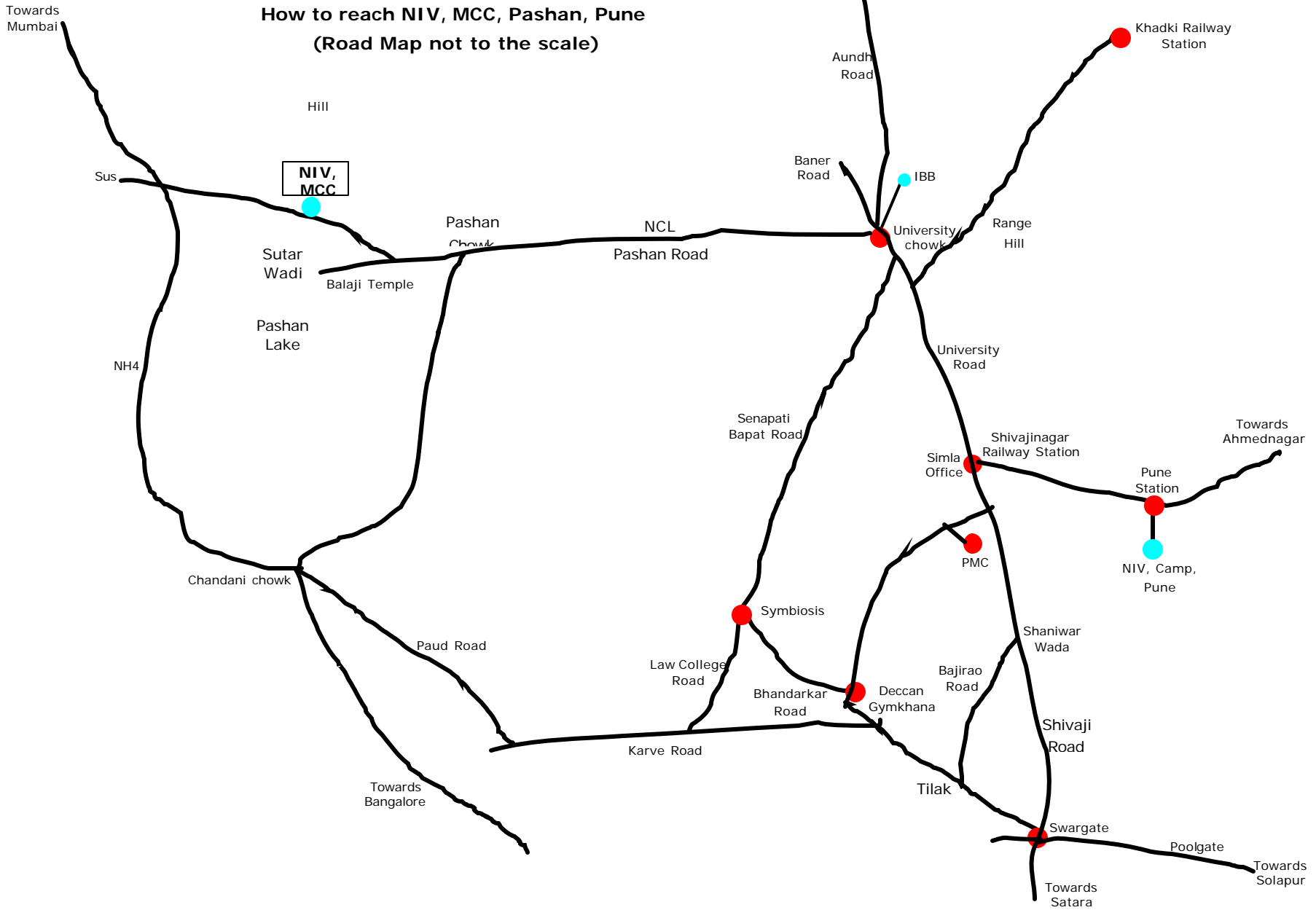
Pune is surrounded with beautiful hills of western ghat and lakes. Short treks are refreshing. (Contact Mr. BK Wadke Tel. 9226841399). Interested students may bring sac, camera, binoculars, first aid box, night torch etc. Valuables are brought on own risk. The one-day trekking spots/ picnic spots are given in Annex-3.

16. Should I bring musical/ sports equipment?

If student is an artist, then gatherings provide opportunity to perform. Musical instruments are brought personally and not provided by the institute. Same thing applies to sports. Some sports facilities are available at University Campus.

Annex-1

How to reach NIV, MCC, Pashan, Pune (Road Map not to the scale)



Annex -2

PMT Bus Routes for NIV(MCC)

- ❖ Nearest railway station is Shivajinagar. Just near the Railway station is State Transport Bus station.
- ❖ Some buses (No. 30 and 87) can drop you at NIV gate.
- ❖ Pashan is the nearest city bus station for NIV-MCC. You can get down at Pashan and walk for 15 minutes or travel by six seater (Rs.4/- per head from Pashan to NIV-MCC). Direct buses to Pashan are given in Table -I
- ❖ You can also reach Pune University Chowk (Table-II) and then take the next bus.

I. Destination NIV, MCC, Pashan

- ❖ **From Simla Office** (Shivajinagar Railway station/ State Transport Bus station) To Pashan via Pune University gate, Mhasoba gate, Rangehill corner: Bus numbers 22, 30, 87, 88, 109, and 145
- ❖ **From Swargate** (ST stand)

Bus No.	From	To	Via
30	Marketyard	Raut wadi	Bhapkar Petrol Pump, Swargate , Tilak Rd, Bajirao Rd, Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate, NCL Road, Pashan, NIV gate
22	Swargate	Ramnagar	Tilak Rd, Bajirao Rd, Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate, NCL Road, Pashan

- ❖ **From PMC**

Bus No.	From	To	Via
30	Marketyard	Rautwadi	Bhapkar Petrol Pump, Swargate, Tilak Rd, Bajirao Rd, Shaniwar wada, PMC , Shivaji putala, Shivajinagar (Simla office), Pune University gate, NCL Rd, Pashan NIV gate
87	Deccan Gymkhana	Abhinav	PMC , Simla office, Rangehill corner, Pune University gate, NCL Rd., Pashan, NIV gate ...
22	Swargate	Ramnagar	Tilak Rd, Bajirao Rd, Shanipar, Shaniwar wada, PMC , Shivaji putala, Shivajinagar (Simla office), Pune University gate, NCL Rd, Pashan
87	Deccan Gymkhana	Sutarwadi	PMC , Simla office, Rangehill corner, Pune University gate, NCL Rd., Pashan ...
88	PMC	Pashan	PMC , Simla office, Rangehill corner, Pune University gate, NCL Rd., Pashan ...

❖ **From Pune Station** (Railway station/ ST bus station/ City Bus station)

Bus No.	From	To	Via
145	Pune Station	NDA	Alankar, Sadhu Waswani Chowk, Collector office, Juna Bazar, PMC, Shivaji Putla, Simla office, Pune University gate, NCL Rd, Pashan

❖ **From Deccan Gymkhana**

Bus No.	From	To	Via
87	Deccan Gymkhana	Pashan	PMC, Shivaji putala, Shivajinagar (Simla office), Pune University gate, NCL Rd, Pashan
109 Circular	PMC	PMC	Deccan Gymkhana , PMC, Balgandharva, Modern High School, Shivajinagar (Simla office), Pune University gate, NCL Rd, Pashan
110 Circular	PMC	PMC	Deccan Gymkhana , Sambhaji bridge corner, Karve Rd, SNTD, Jai Bhavaninagar, Ramnagar, Pashan

II. Destination Pune University

❖ **From Simla Office** (Shivaji nagar)

To Pune University gate Via Mhasoba gate, Rangehill corne: Bus numbers 22, 30, 36, 87, 88, 93, 109, 145, 256, and 259

❖ **From Swargate**

Bus No.	From	To	Via
22	Swargate	Ramnagar	Tilak Rd, Bajirao Rd, Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate
25	Upper Indira nagar	Pune University	Lower Indira nagar, Laxminarayan theatre, Swargate , Tilak Rd, Prabhat Rd, Law college Rd, Senapati Bapat Rd, Pune University gate
30	Marketyard	Rautwadi	Bhapkar Petrol Pump, Swargate , Tilak Rd, Bajirao Rd, Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate
41	Marketyard	Sangvi	Maharshinagar, Ahireswar wadi, Swargate , Tilak Rd, Good luck, Bhandarkar Rd, Senapati Bapat Rd, Pune University gate

❖ **From PMC**

Bus No.	From	To	Via
22	Swargate	Ramnagar	Tilak Rd, Bajirao Rd, Shanipar, Shaniwar wada, PMC , Shivaji putala, Shivajinagar (Simla office), Pune University gate
30	Marketyard	Rautwadi	Bhapkar Petrol Pump, Swargate, Tilak Rd, Bajirao Rd, Shaniwar wada, PMC , Shivaji putala, Shivajinagar (Simla office), Pune University gate
36	PMC	Chinchwad	Shivaji putala, Shivajinagar (Simla office), Pune University gate
87	Deccan Gymkhana	Abhinav	PMC , Shivaji putala, Shivajinagar (Simla office), Pune University gate
87	Deccan Gymkhana	Sutarwadi	PMC, Simla Office (Shivajinagar), Rangehill corner, Pune University gate
88	PMC	Pashan	Simla Office (Shivajinagar), Rangehill corner, Pune University gate
93	Deccan Gymkhana	Pimple Nilakh	PMC, Simla Office (Shivajinagar), Rangehill corner, Pune University gate
109	PMC	PMC	Balgandharva, Modern High School, Shivajinagar (Simla office), Pune University gate
110	PMC	PMC	Sambhaji bridge corner, Karve Rd, SNTD, Jai Bhavaninagar, Ramnagar, NCL, Pune University gate
256	PMC	Balewadi	Simla Office (Shivajinagar), Rangehill corner, Pune University gate
259	PMC	Someshwar wadi	Simla Office (Shivajinagar), Rangehill corner, Pune University gate

❖ **From Pune Station**

Bus No.	From	To	Via
145	Pune Station	NDA	Alankar, Sadhu Waswani Chowk, Collector office, Juna Bazar, PMC, Shivaji Putla, Simla office, Pune University gate
204	Hadapsar	Chinchwad	Hadapsar, Ramtekdi, MG bus stand, Westend, Pune station , Juna bazaar, PMC, Simla office, Pune University gate

❖ **From Deccan Gymkhana**

Bus route	From	To	Via
87	Deccan Gymkhana	Pashan	PMC, Simla office, Rangehill corner, Pune University gate
91	Deccan Gymkhana	Pune University	Goodluck, Gyneshwar, Paduka, Masoba Gate, Ganesh Khind Road, Rangehill Corner, Pune University gate
109	PMC	PMC	Deccan Gymkhana , Balgandharva, Modern High School, Shivajinagar (Simla office), Pune University gate
110	PMC	PMC	Deccan Gymkhana , Sambhaji bridge corner, Karve Rd, SNDT, Jai Bhavaninagar, Ramnagar, NCL, Pune University gate

❖ **From Bharati Vidyapeeth**

Bus No.	From	To	Via
28	Bharati Vidyapeeth	Pune University	Padmavati, Date stop, Dnyaneshwar society, Sarang society, Parvati Paitha, Lokmanyagar, Mhatre bridge, Law college Rd, Senapati Bapat Rd, Pune University gate

❖ **From Warje Malwadi**

Bus No.	From	To	Via
276	Warje Malwadi	Chinchwad	Karve nagar, Kothrud, SNDT, Nal stop, Law college Rd, Senapati Bapat Rd, Pune University gate

❖ **From NDA**

Bus No.	From	To	Via
277	NDA	Khadki Bazar	NDA , Kothrud, Nal stop, Law college Rd, Senapati Bapat Rd, Pune University gate

❖ **From Shanipar**

Bus route	From	To	Via
60	Shanipar	Pune University	Laxmi Rd, Karve Rd, Karnatak High School, Kamla Nehru Park, Senapati Bapat Rd, Pune University gate
22	Swargate	Ramnagar	Tilak Rd, Bajirao Rd, Shanipar , Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate
30	Marketyard	Rautwadi	Bhapkar Petrol Pump, Swargate, Tilak Rd, Bajirao Rd, Shanipar , Shaniwar wada, Shivaji putala, Shivajinagar (Simla office), Pune University gate

Annex -3 Trekking/ picnic spots near Pune city

Picnic spots:

Pachgaon Parvati, Wetal Tekdi, Durga Tekdi, Matheran, Lonavla, Khandala, Mahabaleshwar, Panchgani, Bhigwan, Lenyadri Ganapati, Ozar Ganapati, Kukadeshwar, Bamnoli, Thoseghar, Ralegan Siddhi, Uruli Kanchan, Dive Agar, Harihareshwar, Murud Janjira, Alibag, Ganpati Pule, Guhagar, Hedvi, Velneshwar, Derwan,

Holy Places:

Someshwarwadi, Chaturshrungi, Bhandara Dongar, Dehu, Ghoradeshwar, Somatne Saibaba (Prati Shirdi), Prati Vaishnodevi, Morya Gosavi, Ekwira Devi, Pali Ganapati, Mahad Ganapati, Tamhini devi, Kharawade, Katraj Jain Temple, Shatrunjay Mandir, Baneshwar, Shivthar Ghal, Mandhar Devi, Yawateshwar, Chaphal, Pali Khadoba, Aundh Devi, Audumbar, Narsoba wadi, Ketkavle Balaji, Narayanpur, Kanifnath, Jejuri Khadoba, Morgaon Ganapati, Sorti Somnath, Ramdara, Theuur, Prayagdham, Bhuleshwar, Siddshatek Ganapati, Wagholi Wyagreshwar, Ranjangaon Ganapati, Wadu-Sangameshwar, Phulgaon, Markal (Vippassana), Alandi, Bhimashankar, Kukadeshwar, Rohida Raireshwar, Igatpuri (Vipassana), Yavateshwar, Khed Shivapur, Parshuram, Shirdi Saibaba

Lakes/ Dams

Pashan lake, Bhugaon lake, Katraj lake, Venna lake, Ghod, Shiravta Dam, Tungarli Dam, Bhushi Dam, Pavna Dam, Mulshi Dam, Khadakwasla Dam, Panshet Dam, Warasgaon Dam, Bhatgar Dam, Veer Dam, Tapola, Kas, Koyna Dam, Chaskaman, Manikdoha, Dimbha Dam, Bhandardara, Bhigwan, Velhe

Caves:

Pataleshwar, Karla, Bhaje, Bedse, Gambhirnath, Parshwanath

Fort/ trek:

Lohagad, Visapur, Tung, Tikona, Nagphani (Duke's nose), Waghdari (Tiger slip), Rajmachi Srivardhan and Manoranjan, Dhak Bahiri, Korigad, Dhangad, Tel Bailya, Sinhagad, Katraj-Sinhagad trek, Nilkantheshwar, Rajgad, Torna, Pratapgad, Kamalgad, Wasota, Ajinkyatara, Sajjangad, Purandar, Nane ghat, Gopya ghat, Malshej Ghat, Shivneri, Harishchandragad, Khada Parsi, Shahgad, Raigad