



Government of India  
Ministry of Jal Shakti  
Department of Water Resources,  
River Development and Ganga Rejuvenation  
Central Water Commission  
National Water Academy



# IT E C PROGRAMME

Sponsored by  
Ministry of External Affairs Government of India

## Information Brochure of Participants



**National Water Academy**

CWC, Pune – Sinhagad Road, Khadakwasla R S, Pune, Pin-411024, Maharashtra, India  
Phone No :020-24380678, 020-24380528 Website: [nwa.mah.nic.in](http://nwa.mah.nic.in)

## Message from Chief Engineer and Head



I extend a very warm welcome to ITEC participants who are attending program at NWA,CWC,Pune. Every year the Academy is offering variety of training programmes to all stakeholders under the various gamut of Water Resources Development and Management. NWA, CWC, Pune has been conducting training programme under ITEC Scheme of Government of India for the International Participants. The ITEC courses are designed to share best practices, latest technological advancements, values, and ethics for mutual benefit and capacity development. With the motto of 'Share, Care, and Grow,' all training programmes provide ample opportunity for individual participants to actively participate in the programme by sharing their success stories, contributing in active learning tasks such as group discussion, case studies, role plays, etc., as well as share and grow his/her personal and professional network for mutual benefit.

I invite ITEC participants to Pune City which is popularly known as the "**Oxford of the East**" due to the presence of several prestigious educational institutions. It is home to renowned universities like Savitribai Phule Pune University, Indian Institute of Science Education and Research (IISER), and the National Defence Academy (NDA). Pune is considered as one of the cultural and educational hubs of the country. Pune has a vibrant cultural with a blend of traditional and modern influences. It is famous for its classical music, theatre, literature, and art. The nearest airport to Pune is the Pune International Airport (IATA: PNQ), also known as the Lohegaon Airport. Pune offers a plethora of tourist attractions, including historical landmarks like Shaniwar Wada, Aga Khan Palace, and Sinhagad Fort. The city is also known for its scenic beauty, with nearby hill stations like Lonavala and Khandala attracting tourists. Pune is a dynamic city with a rich history and cultural heritage, IT & auto industries thriving economy, and excellent educational opportunities, making it a popular destination for tourists, students, and professionals alike.

National Water Academy (NWA), Pune under Central Water Commission (CWC) is functioning as 'Centre of Excellence' in the field of training and capacity building of professionals and other stakeholders of water resources sector. It is mandated to impart training to the in-service engineers of various Central/State organizations involved in the Development & Management of Water Resources. The regular training programs of NWA are also open to participants from recognized academic institutions, NGOs, Central/State PSUs, private companies, individuals & foreign nationals on payment basis.

Visit our Academy site at [nwa.mah.nic.in](http://nwa.mah.nic.in) for detailed information. Beautifully landscaped NWA campus is located in the green and clean environs of Khadakwasla, on the right bank of Mutha river, approximately 10 Km from main Pune city. Khadakwasla dam is about 2 Km upstream from NWA. Your stay and visit to Pune and NWA will certainly entice you to strengthen ties with NWA in near future as well.

**D S Chaskar**

Chief Engineer & Head  
NWA, CWC, Pune

## About ITEC Programme

The Indian Technical and Economic Cooperation Programme, ITEC for short, is the leading capacity building platform of the Ministry Of External Affairs, Government of India. Instituted in 1964, ITEC is one of the oldest institutionalized arrangements for international capacity building. Under this program short and medium term training is provided to participants from 160+ countries in about 41 diverse areas. ITEC is administered by the Development Partnership Administration-II Division of the Ministry of External Affairs, New Delhi is the nodal division for all capacity development and human resource development programmes. Building on India's vast and rich network of governance - and development - prelated expertise available in higher educational institutions and training facilities, ITEC offers nearly 10,000 fully-funded in-person training opportunities through nearly 400 courses offered at 100+ eminent institutes in India each year. Apart from regular calendar - based training programmes, India also responds to country-specific requests for training in specific areas of governance by organizing customised training programmes which are designed and delivered by the leading institutions in India. ITEC utilises a bouquet of varied modalities to meet its mandate of capacity building. Since, 2021 ITEC has also introduced modalities like eITEC (for online trainings using digital delivery platforms), ITEC-Executive (short- erm policy-focussed, in-person trainings for senior government executives), ITEC-Onsite and ITEC-Expert (onsite capacity building assignments carried out by Indian experts).

## About NWA, CWC, Pune

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## Faculty and Resource Pool

NWA is headed by Chief Engineer and supported by five Director and three Deputy Director level officers. All of them function as Core Faculty of the Academy. They are selectively chosen by CWC and comprise of eminent CWES (Central Water Engineering Services-Group 'A') officers with an excellent academic record, long practical experience in Water Resources Development and Management and having good communication skills with aptitude for imparting training. In addition to core faculty, the courses are supported by the guest faculty comprising of academicians and scientists of eminence from premier Research Centres and Universities in India, as well as practicing professionals and specialists drawn from other organizations / agencies/ depts/ NGOs including ret'd. Govt officers. Central Water Engineering Services officers are major resource pool for imparting training with focus on applied learning concepts.

## Program Details and Faculty

<b>Program Title</b>	<b>Flood Forecasting and Modelling including Early Warning System</b>
<b>Duration</b>	Two Weeks
<b>Dates</b>	13-24 May 2024
<b>Course Director</b>	Shri Milind Panpatil, Director (Administration & Coordination) & Course Director Tel : 020-24380528; Mob -9763031746;nwa.mah@nic.in nwa.pune@gmail.com

## Faculty

<b>NWA Faculty &amp; Supporting Officers</b>	<b>Guest Faculty</b>
Shri D S Chaskar, Chief Engineer & Head	Shri N N Rai, Director, Central Water Commission, New Delhi
Shri S N Pande, Director	Dr Pulak Guhathakurta, Former Scientist, IMD, Pune
Shri S K Das, Director	Shri Sharad Chandra, Director, CWC, New Delhi
Shri Milind Panpatil, Director (A&C)	Ms Isly Issac, Deputy Director, Central Water Commission, New Delhi
Shri Chaitanya K S, Deputy Director	Dr Anupam Kashyapi, Former Head/Scientist 'F', IMD, Pune
Shri G Srinivasulu, Deputy Director	Shri S Lakshminarayanan, Former Deputy Director, FFM Dte., CWC, ND
Shri S P Singh, Deputy Director (A&C)	Shri Piyush Kumar, Deputy Director, FCA-2 Dte., CWC, New Delhi
Shri V Vysakh, Assistant Director -II	Shri Pranav Shukla, Deputy Director, Central Water Commission, New Delhi
Shri S Senthil, Assistant Director-II	Shri Deepak Kumar, Director, CWC, New Delhi
Ms Kumari Akansha, Assistant Director-II	Shri Nikol Yadav, Assistant Director, FCA2, CWC, New Delhi
	Shri Vasantha Kumar V, Executive Engineer, HD, CWC, Chennai
	Dr K J Anandha Kumar, Former Scientist, DoWR, RD & GR

Tentative Course Schedule is attached as Annex – I.

## Arrival Assistance

Airport Pick up and Drop shall be arranged by NWA, CWC, Pune on the scheduled date and time for all ITEC participants, considering the travel itinerary received by ITEC Coordinator. Course Director and his Assisting Officer(s) will provide arrival assistance to the participants via email.

In case of emergency participants are requested to contact **Shri S P Singh, Deputy Director in +919718936741 and Shri Senthil S , Assistant Director +918884547577, Shri V Vysakh, Assistant Director -II +918921041410;email; nwa.mah@nic.in ; nwa.pune@gmail.com.**

## General Information

*'Good Clothing is a passport to happiness'- Yves Saint Laurent*

- The above quote highlights the importance of good clothing. As an international participant you are not only representing yourself as an individual but you are representing your organisation and above all your country. Focus on following as far as dresses are concerned.
- Business casual and professional formal dress are preferred during the office hours.
- Dress appropriately and comfortably for the project and study visit. Use comfortable foot wear (shoes) during visits.
- During evening visit to near by place use dresses of proper length to avoid unwelcome attention from public.
- Bring a cap, umbrella, warm clothing suitable for the climatic and weather condition. In the month of April the weather in Pune is warm.
- Make sure your clothes are neatly pressed before the visit.
- You are not only representing yourself but your country as a whole, hence proper dress code is advisable.

## Living Allowance

All ITEC participants attending two weeks programme are entitled for living allowance of ₹ 750/- per participants per day as approved by the Ministry of External Affairs, Government of India, New Delhi for meeting food related and other out of pocket expenses. An amount of ₹ 750/- per participant per day will be paid the participants . Out of the ₹750/-, the participants will have to pay for their lodging and boarding charges as per the Academy's norm.

## Facilities available at the Academy

NWA is having Classroom, board rooms, conference room, committee room, seminar hall, computer Lab and discussion rooms for organisation of training programme. Videography and photography facility are also provided as per the need of the programme. High Speed internet and Wifi is available on campus for ITEC participants. Recreational facilities



comprising of swimming pool, Gym , Sports activities like Table Tennis, Basketball court etc also available. for the ITEC participants. Godavari Hostel has a common room with



recreational spaces and Krishna Hostel has gymnasium for the usage of the participants during their stay at NWA residential campus.

### **NWA Guest House (Lodging Facilities)**

Participants will be accommodated in NWA Guest House which is fully furnished (viz. television with cable connection, refrigerator, micro-oven, tea maker, intercom etc.). Soap, clean towel, tea kit, potable water is provided in the rooms as housekeeping services. There is also laundry facility available on payment basis and there is fixed time for collection/delivery of clothes/garments by housekeeping personnel. **Please note that NWA is a no-smoking campus and consumption of alcohol, tobacco etc., in the premises is strictly prohibited.**

### **NWA Mess (Boarding Services)**

Meals are available (self-service dining) in NWA Mess which is located in the Godavari Guest House. Breakfast, Lunch & Dinner are served in the NWA Mess as per following timings: (no room service is permitted)

<b>Breakfast</b>	<b>8.00 to 9.00</b>
<b>Lunch</b>	<b>1.00 to 2.30</b>
<b>Evening Snacks</b>	<b>5.30 to 6.00</b>
<b>Dinner</b>	<b>8.00 to 9.30</b>

## Weather Condition

Pune enjoys a temperate climate, pleasant almost all year round. Khadakwasla is particularly cooler than rest of the city. The weather is warm in March, April and May. The winter is mild between Nov-June, though what is mild and what is severe is a matter of individual perspective. The rainy season is normally from June to September. Dress is generally informal.

As a general guideline, following curves can be used to know average weather conditions at Pune throughout the year.

## Rules and Regulations

All the ITEC participants have to strictly follow the following rules and regulations:

- a. Training will be conducted from Monday to Friday from 10 AM to 5:30 PM. Lunch Break is usually from 1.00 PM to 2:30 PM
- b. Breakfast, Lunch, Dinner, Tea/Coffee will be provided in Guest House Mess. In addition, during the training tea/coffee and snacks will be provided during the short break. An amount of Rs. 750/ per participant (as approved by MEA) will be paid to the participants as living allowance. The participants will have to pay towards lodging and boarding charges as per the institute norms.
- c. Alcohol, cigarettes and unauthorised drugs are prohibited in the campus. Use of these by any ITEC participant will be immediately reported to Ministry of External Affairs and they will not be allowed to continue in the programme.
- d. In evening times participants are advised to wear light color cloth which makes them easily visible.
- e. In evening if the participants are going to nearby places, they should return back to guest house by 9.30 PM. Any delay in arriving should be communicated to Programme Coordinator Shri Milind Panpatil, Director (Administration & Coordination) and Course Director, Shri S P Singh, Deputy Director (A&C) and Shri Senthil S, Assistant Director-II, Shri V Vysakh, Assistant Director - II.
- f. Out station visits and stay away from Guest house is not allowed during the training period. The Director may still permit the trainees in exceptional circumstances for understanding the historical and cultural values of India. The participants need to submit the request letter to the Director clearly mentioning that he/she is going on his/her own risk and there will be no financial implication because of this, with the recommendations from the Programme Coordinator and ITEC Coordinator.

## Safety Tips

- Participants are advised to switch off the lights, fan, AC, Room Heater and TV before leaving the room.
- Protection of valuables, money, passport and other important documents is the responsibility of the participant.
- In case of emergency immediately contact Programme Coordinator/ Warden
- Do not go into dim lighted areas or bushes/high grass as there can be danger of reptiles.
- To reach the lecture hall / GIS lab in the Annexe Building in the Main Office Complex you



have to cross the State Highway, carefully cross the road as it is too busing during the office hours.

- Do not plunge into the Swimming Pool without the presence of Lifeguard or Trainer.

## Places of Tourist Attraction

Pune is situated at an altitude of 570 m on the Sahyadri hills in western Maharashtra, Popularly known as the 'Queen of Deccan', it is spread over an area of 138,76 sq.km. and has a population of 30 lakh. Its pleasant climate and proximity to the glitzy state capital Mumbai has made Pune the second most important city in Maharashtra. Earlier considered a 'city of pensioners' for its moderate climate and quiet life, Pune is now a growing metro with all the advantages, and disadvantages, that go with a metro. The city of Pune is distinctly divided into the older half, where the localities have been named after the days of



the week, and the more modern, bustling, spacious Cantonment. The details of few places of tourist attraction are given at Annex-II.

### Study Tour

Study tour is an important component of all ITEC Programmes. Details of study tour will be provided by Programme Coordinator on first day of the training programme. This include visits to nearby located projects in order to showcase India's water resources development and management, different Indian heritage sites and places of interest located in the geographical vicinity of the institute as mentioned in the course proposal. Participation in the study tour is mandatory for all participants. Entry tickets for museums and other heritage sites will be purchased by Programme Coordinator or his/her nominee. All entry tickets should be collected by Programme Coordinator for reimbursement purpose.

### Medical Emergency

- i. All the participants are advised to carry their own medicines for chronic ailments like diabetes, hypertension etc. and they will have to bear the expenditure for these medicines and consultations of doctors on their own.
- ii. For any seasonal ailment during the programme, participant can consult the Doctor available in institute dispensary during consultation hours.
- iii. Covid Appropriate Behavior : Participants always should follow the COVID-19 appropriate behavior by maintaining social distancing. They should ensure that they have not been suffering from flu-like symptoms, were not in close contact with a confirmed case of COVID-19 and have taken both vaccine doses.
- iv. Hospitals & Medical Stores Nearby

#	Name of Hospital	Name of Dr.	Contact Details
1	Morya Multi Specialist Hospital	Dr. Ajit singh G. Patil	02024392121/99217141
2	Singhad Speciality Hospital	Dr. Santosh Awari	02024392212/99708322
3	Silver Berch Multispecialst Hospital	Dr. S.B. Kharat	9175661588/992120898
4	Laygude Hospital	Dr. Shah	02024394410
5	Shrevash Hospital	Dr. Asha Hole	02067523883

#	Name of Store	Contact Details
1	Samarth Medical	7666441033/ 9923038235
2	Pavan Medical	8087166477/8766975065
3	Shiv Krupa Medical	9822916142
4	Nirmiti Medical	9888429007

We encourage you to post your photos while undergoing hands on training, group activities, selfies, social events. Use attractive hash tag mentioning ITEC.

### Important Contact Numbers of NWA, CWC, Pune

Sr.No.	Name & Designation	Mobile Number
<b>Chief Engineer &amp; Head</b>		
1.	Shri D S Chaskar	+919422309043
<b>Course Director</b>		
2.	Shri Milind Panpatil	+91 9763031746
<b>Administration &amp; Coordination Unit</b>		
3.	Shri Milind Panpatil, Director (A&C)	+91 9763031746
4	Shri S P Singh, Deputy Director (A&C)	+919718936741
5	Shri Senthil S , Assistant Director -II	+918884547577
6	Shri V Vysakh, Assistant Director -II	+918921041410
<b>Core Faculty of NWA</b>		
7	Shri S N Pande, Director	+919873163630
8	Shri S K Das, Director	+919818707541
9	Shri Chaitanya K S, Deputy Director	+919910771794
10	Shri Srinivasulu, Deputy Director	+919911340729
<b>Other Important Numbers</b>		
11.	Ganga Guest House	020-24380098 Ext 555
12	Krishna Guest House	020-24380098 Ext 666
13	Godavari Guest House	020-24380098 Ext 444
<b>CWPRS Dispensary</b>		
14.	CWPRS Dispensary	020-24103333
15	Dr Swati	+918297153366

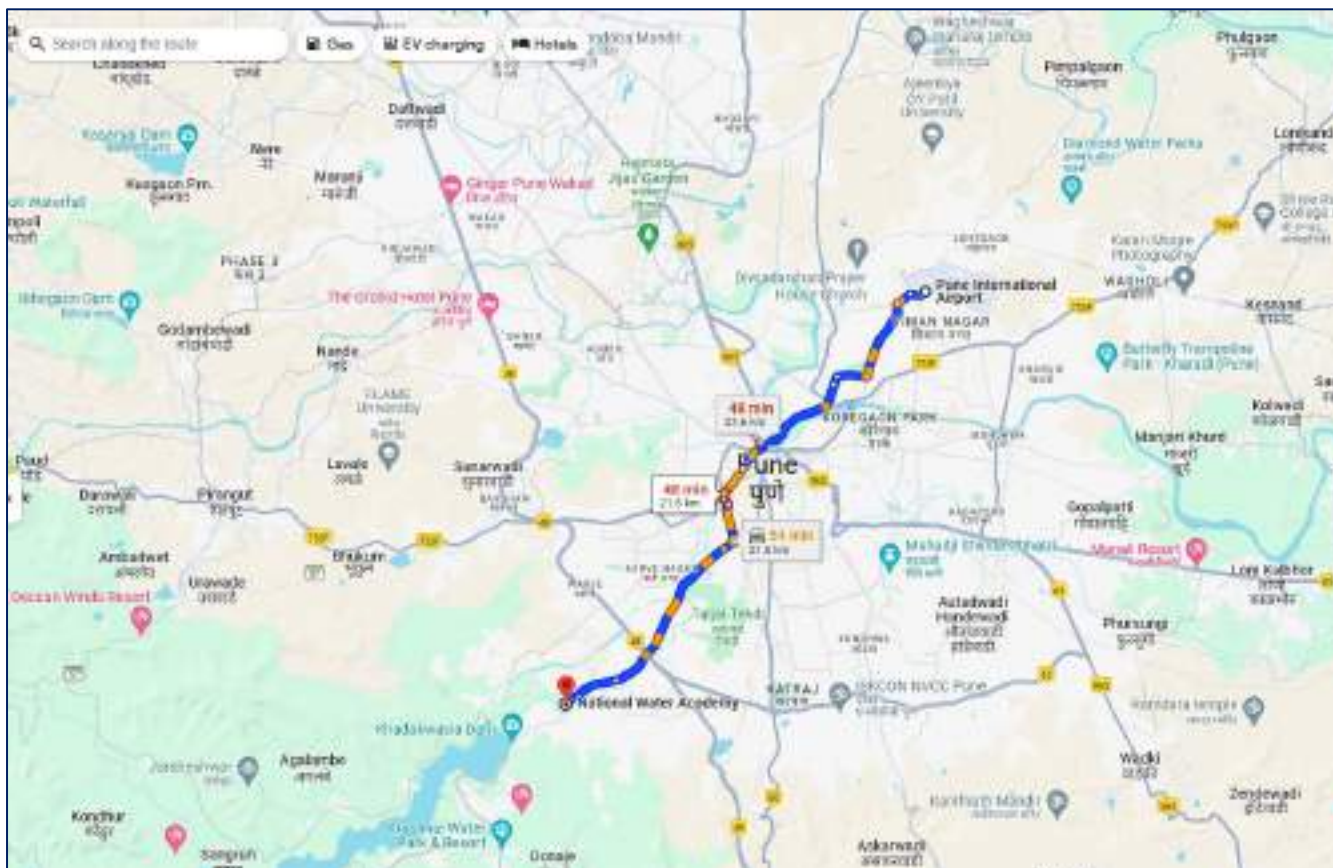
All ITEC participants are requested to carry with them extra money for the exigencies and other individual need such as special diet, shopping etc. In past few participants missed their flight at Delhi and Mumbai Airport and due to shortage of money they were in great trouble. So be prepared for everything.

**With Best Wishes**

Milind Panpatil  
Director (Administration & Coordination)  
& Course Director  
National Water Academy, CWC, Pune

For any queries related ITEC Programme at  
National Water Academy, Central Water Commission, Pune please contact

**Shri Milind Panpatil,**  
**Director (Administration & Coordination) & Course Director**  
**Tel : 020-24380528; Mob -9763031746 / 8767305098**  
**nwa.mah@nic.in; nwa.pune@gmail.com**



### **National Water Academy (NWA)**

CWC, Pune – Sinhagad Road, Khadakwasla R S, Pune,  
Pin-411024, Maharashtra, India

Phone No :020-24380678, 020-24380528

Email : nwa.mah@nic.in , cenwa.mah@nic.in Website: nwa.mah.nic.in



**Government of India**  
**Ministry of Jal Shakti**  
**Department of Water Resources, River Development & Ganga Rejuvenation**  
**Central Water Commission**  
**National Water Academy, Pune**



**Day wise Training Module on**  
**Flood Forecasting and Modelling including Early Warning System**  
*(for Government of Nepal Officials)*

**13-24 May 2024**

## Session Plan

### Session Timings

Day -1		Day 2-11	
Inaugural Function	1000-1100 Hrs	Recapping	1000-1030 Hrs
Tea/Coffee Break	1100-1130 Hrs	Session - I	1030-1130 HRs
Ice Breaking Session	1130-1200 Hrs	Tea/Coffee Break	1130-1200 Hrs
Session - I	1200-1300 Hrs	Session-II	1200-1300 Hrs
Lunch Break	1300-1430 Hrs	Lunch Break	1300-1430 Hrs
Recapping	1430-1500 Hrs	Recapping	1430-1500 Hrs
Session -II	1500-1600 Hrs	Session -III	1500-1600 Hrs
Tea/Coffee Break	1600-1630 Hrs	Tea/Coffee Break	1600-1630 Hrs
Session -III	1630-1730 Hrs	Session -IV	1630-1730 Hrs

**Shri Milind Panpatil, Director (Administration & Coordination) & Course Director**  
**National Water Academy, CWC, Pune -Sinhagad Road, Khadakwasla RS, Pune -411024**  
**Tel : 020-24380528; Mob -9763031746; email :nwa.mah@nic.in**



# Session Plan

**WEEK -1**

Date & Day	Session	Activity	Faculty
Day 1 13 May 2024 Monday	0930-1000 Hrs	Registration	
	1000-1100 Hrs	Inaugural; Introduction of faculty; Self intro by participants; tour of NWA	All Faculty
	<i>1130-1200 Hrs</i>	<i>Ice Breaking Session</i>	
	I	Introduction to Flood Management and Flood Forecasting	SC
	II	Hydrological Cycle	PK
	III	Meteorological Parameters and their Measurements	PK
Day 2 14 May 2024 Tuesday	<i>1000-1030 Hrs</i>	<i>Recapping</i>	
	I	Estimation of Design Storm -I : Flood Frequency Analysis	II
	II	Estimation of Design Storm -II : Hydrometeorological Analysis	II
	<i>1430-1500 Hrs</i>	<i>Recapping</i>	
	III	Glacial Lake outburst Flood Estimation (GLOF)	NNR
	IV		
Day 3 15 May 2024 Wednesday	<i>1000-1030 Hrs</i>	<i>Recapping</i>	
	I	Weather Forecast & Products of IMD/IITM for useful for Water Resources Sector	AK
	II	QPF, QPE, Rainfall Estimation; Application of Radar, Satellite, RS in Meteorology	PK
	<i>1430-1500 Hrs</i>	<i>Recapping</i>	
	III	<b>Visit to</b>	<b>NWA</b>
IV	<ul style="list-style-type: none"> <li>• Meteorological Training Institute, India Meteorological Department : Full Climatic Station /Automatic Weather Station,</li> <li>• Agriculture College, Pune</li> <li>• Indian Institute of Tropical Meteorology &amp; Climate Change Research Centre,Pune</li> </ul>		
Day 4 16 May 2024 Thursday	<i>1000-1030 Hrs</i>	<i>Recapping</i>	
	I	Flood Forecasting Techniques & Warning	SL
	II	Conventional Gauge to Gauge Correlation	SL
	<i>1430-1500 Hrs</i>	<i>Recapping</i>	
	III	Flood Forecasting by Statistical Methods	SL
IV	Automation for Flood Modelling & Flood Forecasting	VV	
Day 5 17 May 2024 Friday	<i>1000-1030 Hrs</i>	<i>Recapping</i>	
	I	Flood Inundation Mapping – use of Remote Sensing Imagery and Software	PS
	II	Flood Management – Flood Plain Zoning; Flood Proofing	DK
	III	<ul style="list-style-type: none"> <li>• Visit to Basin Simulation Division, Water Resources Department, Government of Maharashtra</li> </ul>	<b>NWA</b>
IV			
<b>Day 6 : Saturday, 18 May 2024: Rest</b>			
<b>Day 7: Sunday, 19 May 2024</b>			
<b>Visit to the Cultural and Heritage sits in and around Pune City</b> <b>Departure from NWA (i) Bhaje Buddhist Caves; (ii) Aghakhan Palace; (iii) Shaniwarwada ; (iv) Lal Mahal; (v) Sihagad Fort and back to NWA</b>			

Date & Day	Session	Activity	Faculty
Day 8 20 May 2023 Monday	<b>1000-1030 Hrs</b>	<b>Recapping</b>	
	I	Medium/Long Range Flood Forecasting – way forward (Mike-11)	NY
	II	Hydrology & Rainfall Runoff Modelling & Overview of Flood Modelling	NY
	<b>1430-1500 Hrs</b>	<b>Recapping</b>	
	III	Disaster Management Plan & Sendai Framework for Disaster Risk Reduction 2015-2030	KJA
	IV	<b>Visit to FCS Station and visit to Water Quality Lab, UKD</b>	UKD/NWA
<b>Day 09, Tuesday 21 May 2024 (Full Day)</b> <b>Visit to Gauge and Discharge, CWC Site</b>			<b>NWA</b>
Day 10 22 May 2024 Wednesday	<b>1000-1030 Hrs</b>	<b>Recapping</b>	
	I	Flash Floods – case study of Kerala	NNR
	II		
	<b>1430-1500 Hrs</b>	<b>Recapping</b>	
	III	Future trends and emerging technologies in Water Sector (RS-GIS and Modelling Tools)	KSC
IV			
Day 11 23 May 2024 Thursday	<b>1000-1030 Hrs</b>	<b>Recapping</b>	
	I	Future trends and emerging technologies in Water Sector (RS-GIS and Modelling Tools)	KSC
	II		
	III	<b>Visit to Khadakwasla and Panshet Damm</b>	<b>NWA</b>
	IV		
Day 12 24 May 2024 Friday	<b>1000-1030 Hrs</b>	<b>Recapping</b>	
	I	Future trends and emerging technologies in Water Sector (application of big data, AI, ML etc)	GS
	II		
	III	Visit to CWPRS	NWA
	IV	Sharing of Experience and Closure of the Program	

NWA Faculty & Supporting Officers		Guest Faculty	
DSC	Shri D S Chaskar, Chief Engineer & Head	NNR	Shri N N Rai, Director, Central Water Commission, New Delhi
SNP	Shri S N Pande, Director	PK	Dr Pulak Guhathakurta, Former Scientist, IMD, Pune
SKD	Shri S K Das, Director	SC	Shri Sharad Chandra, Director, CWC, New Delhi
MAP	Shri Milind Panpatil, Director (A&C)	II	Ms Isly Issac, Deputy Director, Central Water Commission, New Delhi
KSC	Shri Chaitanya K S, Deputy Director	AK	Dr Anupam Kashyapi, Former Head/Scientist 'F', IMD, Pune
GS	Shri G Srinivasulu, Deputy Director	SL	Shri S Lakshminarayanan, Former Deputy Director, FFM Dte., CWC, ND
SPS	Shri S P Singh, Deputy Director (A&C)	PKr	Shri Piyush Kumar, Deputy Director, FCA-2 Dte., CWC, New Delhi
VV	Shri V Vysakh, Assistant Director -II	PS	Shri Pranav Shukla, Deputy Director, Central Water Commission, New Delhi
SS	Shri S Senthil, Assistant Director-II	DK	Shri Deepak Kumar, Director, CWC, New Delhi
KA	Ms Kumari Akansha, Assistant Director-II	NY	Shri Nikol Yadav, Assistant Director, FCA2, CWC, New Delhi
CP	Shri Chaitanya Pankar, Junior Engineer	VV	Shri Vasantha Kumar V, Executive Engineer, HD, CWC, Chennai
		KJA	Dr K J Anandha Kumar, Former Scientist, DoWR, RD & GR

# Places of Interest in and near Pune

Pune is situated at an altitude of 570 m on the Sahyadri hills in western Maharashtra, Popularly known as the 'Queen of Deccan', it is spread over an area of 138,76 sq.km. and has a population of 30 lakh. Its pleasant climate and proximity to the glitzy state capital Mumbai has made Pune the second most important city in Maharashtra. Earlier considered a 'city of pensioners' for its moderate climate and quiet life, Pune is now a growing metro with all the advantages, and disadvantages, that go with a metro.

For many years Pune was the pulse of the Maratha land and has give India some of its most memorable personalities. Shivaji, the Maratha King who defied the Mughal Emperor Aurangzeb was brought up in Pune. The city also served as the headquarters of the mighty Maratha empire under the Peshwas until its annexation in 1818 by the British East India Company, after which it continued as the regional capital of Bombay Presidency during the monsoon. Pune is famous for many greats who took birth or worked here. Amongst them, the great freedom fighter Lokmanya Bal Gangadhar Tilak; Gopal Krishna Gokhale one of the builders of modern India; Maharshi Dhondo Keshav Karve who throughout his life fought for the upliftment of women, started a college for them and established the first Indian University for women; Mahatma Jyotiba Phule who for the upliftment of the depressed classes. Shrimati Anandibai Joshi the first lady to complete medical education (in the USA). Pune is also known for its support to arts and culture, particularly classical music.

The city of Pune is distinctly divided into the older half, where the localities have been named after the days of the week, and the more modern, bustling, spacious Cantonment.

## Sinhgad

Simhagad, a pre 1450 AD mountain fort is about 14 Km from NWA. The state highway on which NWA is located, is named Simhagad road after this fort, which was one of the most important forts in Maratha empire. Shaniwar Wada Here lie the ruins of the Peshwa palace built by Bajirao- I in the 18th Century. For a long time the palace was the seat of political power in Maharashtra and sill continues to be the symbol of Pune's culture. Not much remains of the palace today apart from the imposing outer wall and the ruins of the main building. Particularly memorable is the balcony on the Nagarkhana which gives a remarkable view of the inner enclosure.



## Sarasbagh

There is a famous Ganesh Temple built on a small hillock which used to be surrounded by a lake. Several years ago, the lake was drained out in order to make way for a park. Now there are beautiful green lawns and fountains, it is a nice place to spend evenings. Paravati Hill This is one of most famous landmarks of Pune. Though the hill is in the southern half of the city, it is visible from almost every part of Pune. There are 108 steps that lead to the temple dedicated to Parvati and Devadeshwar. There are also temples dedicated to Vishnu, Ganesh and Kartikeya. Climbing to the top of the hill can be rewarding as one can enjoy an excellent panoramic view of Pune.



## RajaKelkar Museum

The Museum houses a one- man collection of rare historical exhibits from the Mughal and Maratha Periods. Among the collection are some beautiful paintings, musical instruments, lamps, nutcrackers, foot scrapers and several other interesting curios. However, the show stealer is the Mastani Mahal, which was brought from its original setting and re-erected here.



## Shinde Chhatri

This memorial dedicated to the Great Maratha nobleman Mahadaji Shinde is situated 2 km from the race course in a place called Wanavadi. The building is a great architectural achievement, which combines imposing austerity with beauty.



## Vishrambagwada

This three-storey mansion is famous for its entrance, which is surrounded by a balcony. The carved woodwork on the balcony is a fine example of Peshwa art.



## Pashan lake



The lake is 2 km away from Pune and is particularly worth a visit during the winter months when a number of migratory birds gather there. A must for bird watchers.



## **Bund Gardens**

The picturesque gardens are situated on the bank of Mula Mutha rivers about 2 km from the Pune Railway Station. Facilities are provided for boat rides in the backwaters of the river.



## **The Agha Khan Palace or Kasturba Samadhi**

This building is a famous landmark in Pune. It is the place where Mahatma Gandhi, Kasturba Gandhi and Mahadeobhai Desai were imprisoned during the Quit India Movement in 1942. Marble memorials were later erected in the memory of Kasturba and Mahadeobhai both of whom breathed their last here.



## **Bhandarkar Oriental Research Institute**

The institute is situated at the foot of Law College hill and is immediately recognizable for its striking oriental architecture. There is a museum here, which exhibits nearly 20,000 manuscripts from the collection of Bolhar, Kielhorn and Bhandarkar.

## **Chaturshringi Temple**

The temple is dedicated to goddess Durga. The presiding deity is goddess Ambreswari. An annual fair is held during the nine days of Navaratri in the month of Ashwin (Sept - Oct).



## **Film and Television Institute of India**

The Institute, which is on Prabhat Road, conducts courses in all disciplines of the film industry including acting, directing, editing, music, screenplay and photography.



## **National Defence Academy**

Situated in picturesque surroundings at Khadakwasla, 17 km from Pune, NDA is the training ground for the young officer cadets who are commissioned into the Army, Navy and Air force. (ACCESS is restricted)



## **Pataleshwar Caves**

The cave temple, which is dedicated to Lord Pataleshwar, the God of the nether world, is on the Jungli Maharaj Road in the Shivajinagar area of the city. The shrine dedicated to Shiva, the Nandi and the huge pillars are believed to have been carved out from a single rock.



## **The Pune University**

The magnificent University buildings built in Italian Gothic style are located in Ganeshkhind. The lawns are beautifully maintained and an added attraction for the students is the large swimming pool. The building was formerly the official residence of the Governor of Mumbai during the monsoon, when the regional headquarters of the Mumbai Presidency temporarily moved from Mumbai to Pune.



## **Bharat Ithihas Samshodak Mandal**

This historical research Institute was set up in 1910 by V.K. Rajwade. Among the exhibits are paintings, maps and charts, illustrated manuscripts, weapons belonging to the Mughals, Nizamshahis and Marathas and some documents in Persian and English.

## **Peshwe Udyan**

The Pune Zoo is ideal for pleasantly whiling away a few hours. It is maintained by the Pune Municipal Corporation and has facilities for boating and elephant rides.



## **Laxmi Road**

In many ways this road, stretching from Lakdi bridge in the west to the Quarter Gate area in Pune cantonment is the typical Indian bazaar. Shops dealing in textiles, electronic goods, jewellery, cosmetics, kitchenware, toys, gift items and sweets and savories, line this road which is in all possibility the busiest street in the city. Hawkers displaying their wares on the pavements contribute to the cluttered look of the narrow street. City buses thunder past, competing for road space with four wheelers, two wheelers, cycles, pedestrians and cows. But while Puneites will grumble occasionally about the overcrowded road, they wouldn't exchange for anything else. It is the best place to shop in Pune, but even if you don't have serious shopping in mind, strolling through Laxmi Road is an enjoyable way to spend an evening.

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