



**9<sup>th</sup> ANNUAL INTERNATIONAL CONFERENCE  
SWAAC ELSO-2023  
&  
12<sup>th</sup> ANNUAL NATIONAL CONFERENCE  
ECMO Society of India**

*Learn - Practice - Sustain Lives*

**PRE CONFERENCE**

**6<sup>th</sup> March – 7<sup>th</sup> March, 2023 (Virtual Training)**

**10<sup>th</sup> March, 2023 (Hands on Training)**

**CONFERENCE**

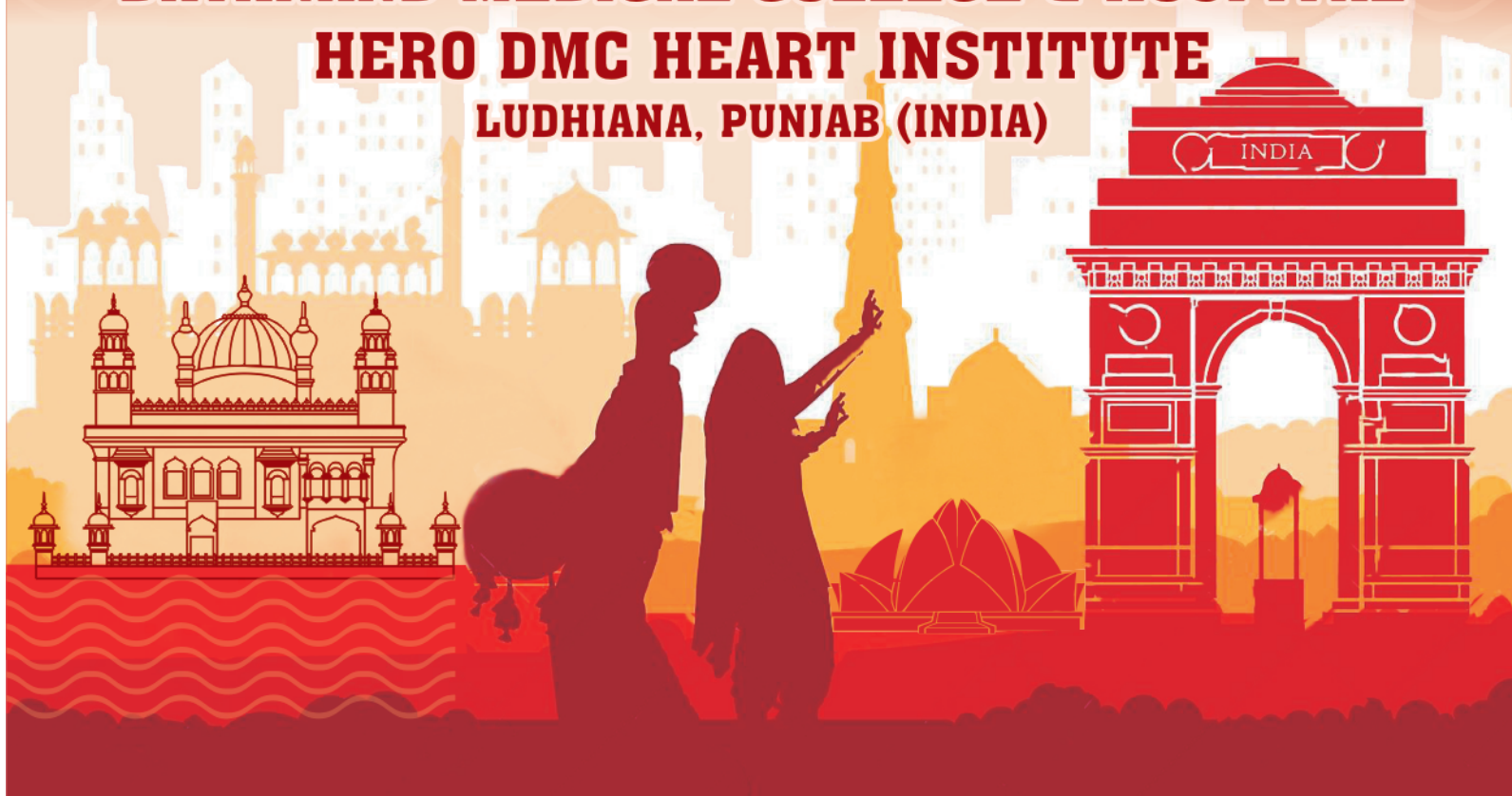
**11<sup>th</sup> March – 12<sup>th</sup> March, 2023**

**ORGANISED BY**

**DAYANAND MEDICAL COLLEGE & HOSPITAL**

**HERO DMC HEART INSTITUTE**

**LUDHIANA, PUNJAB (INDIA)**



## Welcome Message

*Greetings from Ludhiana!!!*

*We are delighted to invite you to the 9th Annual Conference of South West Asian African Chapter (SWAAC ELSO) & 12<sup>th</sup> National Conference of ECMO Society of India to be held from 10<sup>th</sup> March 2023 to 12<sup>th</sup> March 2023 at Ludhiana.*

*This annual conference will be an excellent platform for ECMO researchers, trainee & young intensivists, emergency physicians, respiratory physicians, cardiologist, paediatricians, transplant specialists, other acute care physicians, ECMO experts and other health care professionals involved in ECMO management across the globe who are keen to learn and update the novel technology of extra corporeal life support and share their expertise & experiences along with recent advances in the field of ECMO.*

*The topics will include the practices and challenges related with ECMO, new technologies and advancement along with the integration of ECMO practices with other important component and challenges of critical care practices such as Renal replacement therapy, mechanical ventilation, Sepsis, antimicrobial therapies, haemodynamic & neurological monitoring, nutrition etc.*

*The conference city, Ludhiana, an industrial hub located in Punjab is considered as Manchester of Punjab with mixture of hospitality & heartwarming vibes of Punjabi culture.*

*The city is well connected through international airports of Chandigarh (100 Km), Amritsar (140 km) & Delhi (300 Km).*

*We assure an excellent academic feast with scrumptious food, vibrant hospitality & glimpse of Punjabi culture along with an opportunity to visit holy city of Amritsar & other nearby tourist places.*



*Dr Vivek Gupta  
Organizing Secretary*



*Dr Bishav Mohan  
Organizing Chairman*



*Dr GS Wander  
Organizing Chairman*



# Organizing Committee

## CHIEF PATRONS

**Sh. Sunil Kant Munjal**  
President  
DMCH, Managing Society

**Sh. Prem Kumar Gupta**  
Secretary  
DMCH, Managing Society

## PATRONS

**Dr. Sandeep Puri**  
Principal

**Dr. Ashwani Chaudhary**  
Medical Supdt.

**Dr. Sandeep Sharma**  
Medical Supdt.

**Dr. Sandeep Kaushal**  
Dean Academics

## ORGANIZING CHAIRMAN

**Dr. GS Wander**  
Vice Principal  
Chief Cardiologist Cum Co-ordinator

**Dr. Bishav Mohan**  
Medical Supdt.  
Professor, Dept. of Cardiology

## ORGANIZING CO-CHAIRMAN

**Dr. Sarju Ralhan**  
Chief Cardiac Surgeon  
Dept. of Cardio-Vascular &  
Thoracic Surgery

**Dr. Rajiv Gupta**  
Professor & Head  
Dept. of Cardio-Vascular &  
Thoracic Surgery

**Dr. Naved Aslam**  
Professor  
Dept. of Cardiology

## ORGANIZING SECRETARY

**Dr. Vivek Gupta**  
Consultant  
Dept. of Cardiac Anaesthesia & Intensive Care  
& ECMO Physician

## JOINT SECRETARY

**Dr. Shibba Takkar Chhabra**  
Professor  
Dept. of Cardiology

**Dr. Vikram Pal Singh**  
Associate Professor  
Dept. of Cardio-Vascular &  
Thoracic Surgery

**Dr. Suvir Grover**  
Jr. Consultant  
Dept. of Cardiac Anaesthesia &  
Intensive Care

## TREASURER

**Dr. Harneet Singh Khurana**  
Consultant  
Dept. of Cardiac Anaesthesia & Intensive Care

## EXECUTIVE MEMBERS

**Dr. Rajesh Arya**  
Consultant  
Dept. of Cardiac Anaesthesia  
& Intensive Care

**Dr. Dinesh Garg**  
Consultant  
Dept. of Cardiac Anaesthesia  
& Intensive Care

**Dr. Samir Kapoor**  
Associate Professor  
Dept. of Cardio-Vascular &  
Thoracic Surgery

**Dr. Gurkirat Kaur**  
Attending Consultant  
Dept. of Cardiac Anaesthesia  
& Intensive Care

**Dr. Abhishek Goyal**  
Associate Professor  
Dept. of Cardiology

**Dr. Rohit Tandon**  
Consultant  
Dept. of Cardiology

**Dr. Gurbhej Singh**  
Assistant Professor  
Dept. of Cardiology

**Dr. Akash Batta**  
Assistant Professor  
Dept. of Cardiology

**Dr. Gautam Singal**  
Assistant Professor  
Dept. of Cardiology

**Dr. Gurmeet Singh**  
Associate Professor  
Dept. of Cardiac Surgery

**Dr. Arun Garg**  
Assistant Professor  
Dept. of Cardiac Surgery

**Dr. Dinesh Kaushal**  
Consultant  
Dept. of Nuclear Medicine

**Dr. Pallavi Patil**  
Consultant  
Dept. of Nuclear Medicine

**Dr. Mamta Bansal**  
Attending Consultant  
Dept. of Radio Diagnosis

**Mr. Arvind Sharda**  
Perfusionist

**Mr. R P Singh**  
Perfusionist

**Mr. Akshay Katoch**  
Perfusionist

## ADMINISTRATION SUPPORT

**Mr. Rajbir Singh**  
**Mr. Raja Gupta**

**Mr. Ritesh Talwar**  
**Mr. Vishal Kalia**

**Ms. Baljit Kaur**  
**Mr. Tejinder Singh**

**Ms. Manjit Bawa**  
**Ms. Sandeep Kaur**

# SWAAC ELSO-2023 SCIENTIFIC COMMITTEE

## ADVISORY COMMITTEE

**Dr. D K Singh**  
India

**Dr. Yatin Mehta**  
India

**Dr. Suneel Pooboni**  
Dubai

**Dr. Poonam Malhotra**  
India

**Dr. Matthew Paden**  
USA

**Dr. Rajesh Mishra**  
India

**Dr. Kunal Sarkar**  
India

**Dr. Marlice Van dyk**  
South Africa

## SCIENTIFIC CHAIRMAN

**Dr. T Sundar**  
India

## SCIENTIFIC CO CHAIRMAN

**Dr. Venkat Goyal**  
India

**Dr. Suresh Rao**  
India

## SCIENTIFIC SECRETARY

**Dr. Pranay Oza**  
India

## ABSTRACT CHAIRMAN

**Dr. Vinod Singh**  
India

## ABSTRACT CO CHAIRMAN

**Dr. Arpan Chakraborty**  
India

## ABSTRACT SECRETARY

**Dr. Ahmed Rabie**  
Saudi Arabia

**Dr. P K Das**  
India

## EXECUTIVE COMMITTEE

**Dr. Alia Abdel Fattah**  
Egypt

**Dr. Amit Mandal**  
India

**Dr. Huda Alfoudari**  
Kuwait

**Dr. Vivek Kakkar**  
Abu Dhabi

**Dr. Ali Boroujerdi**  
Iran

**Dr. Vinay Singhal**  
India

**Dr. Said Al Hanshi**  
Oman

## WORKSHOP COMMITTEE

**Dr. Dipanjan Chatterjee**  
India

**Dr. Ranajit Chatterjee**  
India

**Dr. Nandkishore**  
India

**Dr. Mona Mahmoud Faramawy**  
Abu Dhabi

**Dr. Saurav Taneja**  
India

**Dr. Indira Jayakumar**  
India

**Mr. Deblal Deb**  
India



## SWAACELSO EXECUTIVE COMMITTEE 2022-2023

### PAST CHAIRMAN

Dr. Akram Abdelbary  
Egypt

### CHAIRMAN

Dr. Poonam Malhotra  
India

### PARENT ALSO REPRESENTATIVE

Dr. Peter Rycus  
USA

### CHAIRMAN STEERING COMMITTEE EDU/SIMU/COMM

Dr. Huda Al Foudri  
Kuwait

### CHAIRMAN STEERING COMMITTEE RESEARCH

Dr. Vivek Gupta  
India

### CHAIRMAN STEERING COMMITTEE REGISTRY/PROTOCOLS

Dr. Mohamed Azzam  
Saudi Arabia

### CHAIRMAN STEERING COMMITTEE DEVICES & TECHNOLOGY

Dr. Ibrahim Fowzy Hassan  
Qatar

### TREASURER

Dr. Sandeep Dewan  
India

### SECRETARY

Dr. Pranay Oza  
India

## EXECUTIVE COMMITTEE OF ESOI –2021-22

### BOARD OF DIRECTORS

Dr. Suneel Pooboni  
Dr. Venkat Goyal

Dr. Pranay Oza  
Dr. Vinod Singh

Dr. Arpan Chakraborty  
Dr. Vivek Gupta

### PAST PRESIDENT

Dr. Vinod Singh

### PRESIDENT

Dr. Suresh Rao

### PRESIDENT ELECT

Dr. Pranay Oza

### VICE PRESIDENT

Dr. Vivek Gupta

### GENERAL SECRETARY

Dr. Dipanjan Chatterjee

### SECRETARY

Dr. Nandkishore

### JOINT SECRETARY

Dr. K Madhan Kumar

### TREASURER

Dr. P K Das

## CONFIRMED INTERNATIONAL FACULTY



Dr. Peter Rycus  
USA



Dr. Matthew Paden  
USA



Dr. Marc Ogino  
USA



Dr. Suneel Pooboni  
Dubai



Dr. Lakshmi Raman  
USA



Dr. Alain Coomb  
France



Dr. Ramanathan KR  
Singapore



Dr. Roberto Lorusso  
Netherland



Dr. Huda Alfoudri  
Kuwait



Dr. Ibrahim Fowzy Hassan  
Qatar



Dr. Mohamed Azzam  
Saudi Arabia



Dr. Marlice van Dyk  
South Africa



Dr. Alia Abdel Fattah  
Egypt



Dr. Vivek Kakkar  
Abu Dhabi



Dr. Ali Boroujerdi  
Iran



Dr. Said Al Hanshi  
Oman



Dr. Ahmed Abdulhamid Rabie  
Saudi Arabia



Dr. Jana Assi  
Libea



Dr. Tolusha H  
Sri Lanka



Dr. Akram Abdelbary  
Egypt

....MANY MORE

## CONFIRMED NATIONAL FACULTY



Dr. Venkat Goyal  
Mumbai, India



Dr. Pranay Oza  
Mumbai, India



Dr. Vinod Singh  
New Delhi, India



Dr. Rajesh Mishra  
Ahemdabad, India



Dr. Yatin Mehta  
New Delhi, India



Dr. T Sundar  
Chennai, India



Dr. Poonam Malhotra  
New Delhi, India



Dr. Z S Meharwal  
New Delhi, India



Dr. Arpan Chakraborty  
Kolkata, India



Dr. Suresh Rao  
Chennai, India



Dr. Dipanjan Chatterjee  
Kolkata, India



Dr. K Madhan Kumar  
Chennai, India



Dr. P K Das  
Lucknow, India



Dr. Nandkishore  
Hyderabad, India



Dr. Kanchi Muralidhar  
Bengaluru, India



Dr. Riyan Shetty  
Bengaluru, India



Dr. Sambit Sahu  
Hyderabad, India



Dr. Samir Gami  
Surat, India



Dr. Vinay Singhal  
Ludhiana, India



Dr. Dhaval Naik  
Ahmedabad, India



Dr. Jumana Yusuf Haji  
Mumbai, India



Dr. Sandeep Diwan  
New Delhi, India



Dr. Indira Jayakumar  
Chennai, India

....MANY MORE

## *Conference Highlights*

**ECMO IN  
SPECIAL  
SITUATIONS**

**ECMO IN  
TRANSPLANT**

**MECHANICAL  
CIRCULATORY SUPPORT:  
BRIDGE TO DESTINATION  
IN HF MANAGEMENT**

**CONTINUOUS  
RENAL REPLACEMENT  
THERAPY (CRRT)**

**SIMULATION  
& HANDS ON  
TRAINING DURING  
WORKSHOP**

**ETHICAL ISSUES,  
CONSENT &  
COMMUNICATION  
DURING ECMO**

**ECMO & ECCO<sub>2</sub>R  
IN RESPIRATORY  
FAILURE**

**ECMO IN  
CARDIOGENIC  
SHOCK**

**ECMO TRANSPORT:  
A REAL  
CHALLENGE**

**PAPER &  
POSTER  
PRESENTATION**

**MEET  
THE EXPERT**

**NEW IN  
ECMO  
RESEARCH**



## *Why To Attend SWAAC ELSO-2023*

This will be the best opportunity for participants to learn ECMO tips and tricks from national & international experts.

An excellent platform for hands on training and simulation training by experts along with trouble shooting during ECMO.

An opportunity to learn, How to develop & start an ECMO programme in your organization.

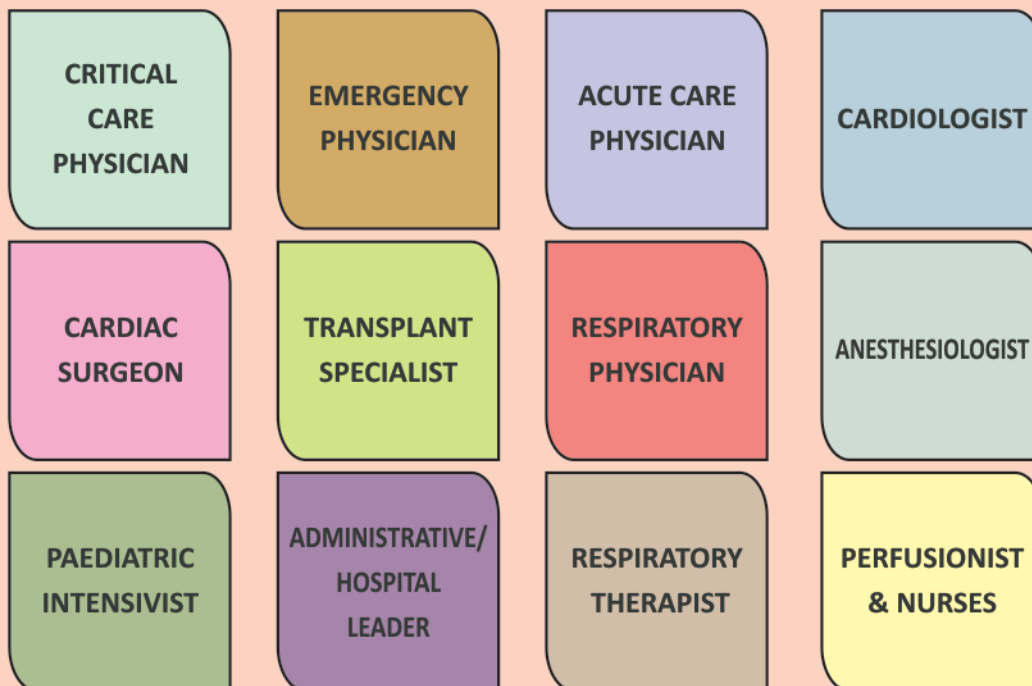
Industry Interaction, A wonderful opportunity to see and discuss the most recent equipment and products in extracorporeal therapies.

## *Who Should Attend*

Anyone who is interested to learn and upgrade the knowledge of extracorporeal therapies.

Anyone who wish to peruse their career as critical care expert.

Anyone who wish to start/ restart ECMO programme in their organization.



### FOR MORE INFORMATION & REGISTRATION PLEASE CONTACT

Dept. of Cardiac Anaesthesia & Critical Care  
Hero DMC Heart Institute  
Dayanand Medical College & Hospital  
Tagore Nagar, Civil Lines,  
Ludhiana – 141001 (Punjab, India)

Dr. Vivek Gupta (98153-98993)  
Mr. Vishal Kalia (98789-18607)  
Mr. Ritesh Talwar (98152-54300)  
Mr. Rajbir Singh (98760-70760)

✉ swaacelso2023@gmail.com  
🌐 www.swaacelso2023.com

# Partnership Opportunities

## PLATINUM PARTNER

- 1 stall of 6x6 mtr & 1 stall of 6x3 mtr in Exhibition area (prominent place of choice)
- Company brochure inserts in Conference kit
- Complimentary industry registrations for the Conference
- Company's logo with hyperlink on website
- Company's logo with prominent placement on partner's panel
- Opportunity for branding during Workshop & Conference

## DIAMOND PARTNER

- A stall of 6X6 mtr at premium Location
- Two fold brochure inserts in Conference kit
- Company's logo with prominent placing on partner's panel
- Company's logo with hyperlink on website
- Opportunity for branding during Workshop & Conference
- Complimentary industry registrations for the Conference

## GOLD PARTNER

- A stall of 6X3 mtr at prime location
- Two page flyer insert in Conference kit
- Company's logo with hyperlink on website
- Complimentary corporate registrations for the Conference
- Opportunity for branding during Conference
- Company's logo with prominent placing on partner's panel

## SILVER PARTNER

- A stall of 3X3 mtr at advantage location
- One page flyer insert in Conference kit
- Complimentary corporate registrations for the Conference
- Company's logo with hyperlink on website
- Opportunity for branding during Conference

## BRONZE PARTNER

- A stall of 3X3 mtr
- One page flyer inserts in Conference kit
- Complimentary corporate registrations for the Conference
- Company's logo with hyperlink on website
- Opportunity for branding during Conference

# Visiting Places of Interest Around Ludhiana

## AMRITSAR (140 KM)



### Golden Temple

The Golden Temple is located in the holy city of the Sikhs, Amritsar. The Golden Temple is famous for its full golden dome, it is one of the most sacred pilgrim spots for Sikhs. The Golden Temple is built on a 67-ft square of marble and is a two storied structure.



### Jallianwala Bagh

Jallianwala Bagh is a historic garden and 'memorial of national importance' close to the Golden Temple complex in Amritsar, Punjab, India, preserved in the memory of those wounded and killed in the Jallianwala Bagh Massacre that occurred on the site on the festival of Baisakhi, 13 April 1919.



### Durgiana Temple

The temple is built in the middle of a sacred lake, which measures 160 metres (520 ft) × 130 metres (430 ft). Its dome and canopies are similar to that of the Golden Temple of Sikh religion, also located in Amritsar. A bridge provides the approach to the temple. The dome of the temple is gilded.



### Wagah Border

Wagah Border near Amritsar is the border crossing that demarcates the boundary between India and Pakistan. Ever since the country gained independence in 1947, it has been serving as a road link between the two countries India & Pakistan.



### Sada Pind

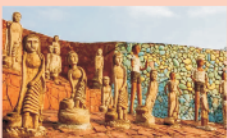
Besides the religious places in Amritsar, there are many places that represent the cultural beauty of the city. Sada Pind is one of that places which represents and highlights the cultural attraction of the city Amritsar. The place is well spread in a region of 12 acres and thus offers maximum space for exploring all the highlights of traditional Punjab. For people who are looking for a place to explore the cultural attractions of Punjab, this place is where you should head to.

## CHANDIGARH (100 KM)



### Rose Garden

Zakir Hussain Rose Garden, is a botanical garden in Chandigarh, India and spread over 30 acres (120,000 m<sup>2</sup>) of land, with 50,000 rose-bushes of 1600 different species.



### Rock Garden

The Rock Garden of Chandigarh is a sculpture garden for rock enthusiasts in Chandigarh, India. It is also known as Nek Chand Saini's Rock Garden of Nathupur after its founder Nek Chand Saini, a government official who started building the garden secretly in his spare time in 1957.



### Sukhna Lake

Sukhna Lake in Chandigarh, India, is a reservoir at the foothills (Shivalik hills) of the Himalayas. This 3 km<sup>2</sup> rainfed lake was created in 1958 by damming the Sukhna Choe, a seasonal stream coming down from the Shivalik Hills. Originally, the seasonal flow entered the lake directly causing heavy siltation.



### Pinjore Garden

Yadavindra Gardens, also known as Pinjore Gardens, is a historic 17th century garden located in Pinjore city of Panchkula district in the Indian state of Haryana. Panchkula city is nearby it. It is an example of the Mughal Gardens architectural style, which was renovated by the Patiala Dynasty Sikh Rulers.



### Japanese Garden

This Japanese style park showcase the Japanese culture, art and various types of plants. The main attractions of this garden include a pagoda tower, meditation hut, Zen garden, statues of Buddha, a small pond with pretend crocodiles, a bridge over the pond and much more. There are 4 water bodies in the garden and wooden bridges have been constructed over them. At night, the garden looks astonishing as the walk-ways have been illuminated with Japanese lanterns.

## PARWANOO (130 KM)



Parwanoo is a scenic hill station located in Solan district of Himachal Pradesh. It encompasses beautiful orchards and is encircled by lush greenery. It is a wholesome package in itself, comprising of historic places, temples and lovely gardens. One of the top things to do in Parwanoo is to satiate your taste buds with flavored Himachal Pradesh cuisines.



# Visiting Places of Interest Around Ludhiana

## KASAULI (150 KM)



Located at 1927 m above sea level Kasauli is a small hill station in Himachal Pradesh. Surrounded by dense forests, Kasauli is home to several species of Himalayan flora and fauna including endangered ones. Snow-clad mountains, dense forests and a pleasant climate make Kasauli a major draw among tourists.

## SOLAN (180 KM)



A beautiful city in Himachal Pradesh, Solan has ancient temples and monasteries that attract hundreds of tourists and devotees every year. Solan has one of the oldest breweries in the country and is popularly known as the mushroom capital of the country, owing to the amount of mushrooms produced every year. This city also has a 300-year old fort located at the top of a hill in ruins but has an awe-inspiring panoramic view of the countryside.

## DHARAMSHALA (190 KM)



Dharamshala is the winter capital of Himachal Pradesh, India. It serves as administrative headquarters of the Kangra district after being relocated from Kangra in 1855 located 18 km away from Dharamshala.

## SHIMLA (220 KM)



Shimla is the capital of Himachal Pradesh and a popular hill-station among Indian families and honeymooners. Situated at the height of 2200m, Shimla was the summer capital of British India. Shimla still retains its old-world charm with beautiful colonial architecture, pedestrian-friendly Mall Road and the ridge lined up with multiple shops, cafes and restaurants.

## DALHOUSIE (250 KM)



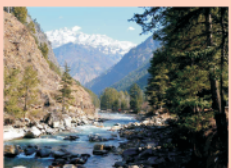
Dalhousie is a popular hill station in Himachal Pradesh, boasting views of the snow-capped peaks of the Dhauladhar ranges. Dalhousie is famous for its meadows, dense jungles, and waterfalls. It offers an old-world charm, mesmerizing natural landscapes, pine-clad valleys and magnificent misty mountains. The Scottish and Victorian-era architecture of churches reminds of its colonial heritage.

## CHAMBA (270 KM)



Chamba is a Himalayan town located in Chamba district of Himachal Pradesh. Known for the ancient temples, the caves, and the edifices that speak highly of Indian history, Chamba is famous for mesmerising views of the Pir Panjal, Zaskar and Dhauladhar ranges in the backdrop of this picture-postcard town. This Himalayan town is located at an elevation of 996 meters on the banks of river Ravi, flanked by Jammu and Kashmir, Lahaul and Kangra.

## KASOL (320 KM)



Kasol is a quaint little village in Himachal situated along the banks of the river Parvati. Commonly known as the 'Amsterdam of India', Kasol is a tourist attraction that is rapidly gaining fame as a popular hub for trekkers, backpackers, and nature lovers. Kasol is situated 23 kms from Bhuntar and next to the religious town of Manikaran and is one of the best places in the country just to sit back and chill in the panorama of snow-clad mountains, pine trees and gurgling river.

## MANALI (340 KM)



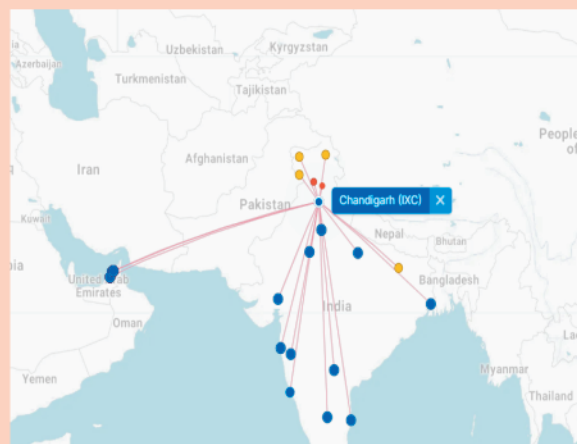
One of the most popular hill stations in Himachal, Manali offers the most magnificent views of the Pir Panjal and the Dhauladhar ranges covered with snow for most parts of the year. A gift of the Himalayas to the world, Manali is a beautiful township nestled in the Picturesque Beas River valley. It is a rustic enclave known for its cool climate and snow-capped mountains, offering respite to tourists escaping scorching heat of the plains.

## Flight Details

### CHANDIGARH INTERNATIONAL AIRPORT

The airport runway is located in the union territory of Chandigarh while the terminal is located on the south side of the runway in the village of Jhiurheri, Mohali.

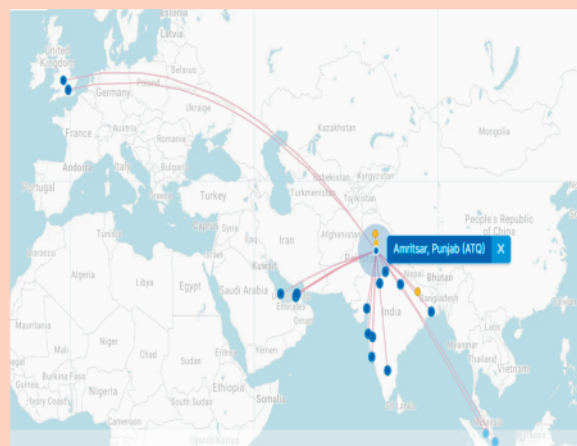
Country	Destination	Frequency
United Arab Emirates	Dubai	7 Flights/week
United Arab Emirates	Sharjah	2 Flights/week
India	Delhi	62 Flights/week
India	Mumbai	72 Flights/week
India	Srinagar	21 Flights/week
India	Jaipur	13 Flights/week
India	Goa	18 Flights/week
India	Bengaluru	21 Flights/week
India	Hyderabad	21 Flights/week
India	Ahmedabad	15 Flights/week
India	Pune	7 Flights/week



### SHRI GURU RAM DAS JEE INTERNATIONAL AIRPORT, AMRITSAR

Sri Guru Ram Das Ji International Airport is an international airport about 11 kilometres (7 miles) northwest of the city of Amritsar, Punjab, India. It is named after Guru Ram Das, the fourth Sikh Guru and the founder of Amritsar city.

Country	Destination	Frequency
United Kingdom	Birmingham	1 Flight/week
United Kingdom	Heathrow	2 Flights/week
United Arab Emirates	Sharjah	10 Flights/week
Qatar	Doha	7 Flights/week
United Arab Emirates	Dubai	14 Flights/week
Singapore	Singapore	3 Flights/week
India	Delhi	62 Flights/week
India	Mumbai	34 Flights/week
India	Srinagar	21 Flights/week
India	Kolkata	7 Flights/week
India	Jaipur	7 Flights/week
India	Patna	7 Flights/week
India	Bengaluru	7 Flights/week



### INDIRA GANDHI INTERNATIONAL AIRPORT, NEW DELHI

The Airport is well connected to Ludhiana through semi bullet trains, super fast trains and by 8 lane expressway with the travel time of 4-5 hrs.