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9560338860; 9315191335

# ARCTURUS SUMMER ASTRO- TOURS

June 22 - July 04

August 20 - September 01

A concept by AstroNomadLife,  
New Delhi





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# The Place

*Spiti valley is a cold desert mountain valley located high in the Himalayas in Himachal Pradesh. The name "Spiti" means "The Middle Land" i.e. The land between Tibet and India. The valley and surrounding region are among the least popylated regions. It is situated on the banks of Spiti river at an elevation of about 3,800m. Spiti valley is surrounded by high mountain ranges.*

*Mud and Langza will be our two observation points with Langza being the higher of the two at an elevation of about 4,400m.*

*Due to the scarcely populated areas, and remoteness of this location, the night sky is one the best in the world. Colder temperatures make it even better to take pictures of the night sky and lack of air and light pollution really brings the night sky to its full glory.*

*The landscape offers a wide variety of foreground subjects when shooting the night sky in wide angle. Summer is the best time to go as the temperatures are above ZERO and negligible chances of snowfall. However the winters have its own glory to experience. The skies are generally clear and also the chances of rain and storm as experienced in the plains or in lower Himalayas is rarely experience here. This makes the expedition absolutely worth your time and energy.*

*Spiti is a high altitude desert and has a cold to very cold climate. Even during summers, the temperature at night can plunge into single digits. Heavy woollen clothing is recommended. Layered clothing is preferred as it can be windy at night due to stay in the valley.*

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# The Event

*A 12 night 13 day event in the upper Himalays could be considered as a once in a lifetime opportunity for the astronomy lovers. The event is scheduled at a time when most of the country is reeling under high termperatures or cloud cover. This location can offer a respite for the sky lovers who can now enjoy the night sky here while the sky in their home location is covered with sand or clouds.*

*With 4 nights of planned Deep space observation and astrophotography and many other nights of wide angle photography and binocular observations, this trip is going to be a perfect opportunity to beat the heat in the plains. If you want to avoid the clouds, this trip can be your opportunity to move forward.*

*The 12 nights will offer you different landscape for you to photograph the night sky in wide angle. While the Deep Space observation and photography guidance is provided only on 4 nights, participants are welcome to take out their equipment and use it to work around all 12 nights.*

*The drive to the place is n experience in itself however if you choose to travel in cabs, you will enjoy the views and explore the places better wit h energy to set up you camera in the evening.*

*Please refer to the itinerary and cost to make an informed decision.*



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# Generic Itinerary

## Day 1

- Your hometown to Chandigarh (at your own expense)
- Pick up from Chandigarh, drive/travel to Narkanda, stay in a luxury resort (Approximately 180 KM 5 hours).
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 2

- Drive to Sangla after breakfast at Narkanda, stay in luxury resort (approximately 165 KM, 5 hours).
- Lunch (not included) on the way.
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 3

- Drive to Kalpa via Chitkul after breakfast at Sangla, Stay at luxury resort (90 kms approximately 4 hours, plus 2 hour leisure time at Chitkul).
- Lunch (not included) on the way.
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 4

- Drive to Tabo after breakfast at Kalpa, Stay at luxury resort (169 km, approximately 8 hours).
- Lunch (not included) on the way.
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 5

- Drive to Mud (Pin Valley) after breakfast at Tabo, stay in luxury homestay (65 KM, 2 hours, dirt road)
- Lunch at the venue.
- Astronomy camp and stargazing event starts at 6:00 pm
- 06:00 PM Equipment set up
- 07:00 PM Astrophotography and stargazing starts
- 09:30 PM Break for Dinner
- 10:30 PM Observation continues
- 00:30 AM Midnight Tea/coffee and snacks.
- 04:30 AM Observation complete, retire for the night.

# Generic Itinerary

## Day 6

- Wake up, breakfast and enjoy the Sun and the views.
- Lunch during the day, day at leisure or free to stroll around for hike or just relax in the room. We can do Image processing as well if enough interest is expressed.
- Astronomy camp and stargazing event starts at 6:00 pm
- 06:00 PM Data consolidation in
- 06:40 PM Equipment start
- 07:00 PM Astrophotography and stargazing starts
- 09:30 PM Break for Dinner
- 10:30 PM Observation continues
- 00:30 AM Midnight Tea/coffee and snacks.
- 04:30 AM Observation complete, retire for the night.

## Day 7

- Wake up, breakfast and drive up to Kaza, check in and relax for the day.
- Drive around, explore the local market, and learn Image Processing during the afternoon and evening.
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 8

- Wake up, breakfast, visit Key Monastery, Kibber and surrounding areas,
- Lunch enroute
- Drive around, explore the local market, and learn Image Processing during the afternoon and evening.
- Dinner, included with stay on twin sharing basis.
- Free to setup your camera and explore the skies.

## Day 9

- Drive to Langza via exploring Hikkim and Koomik after breakfast at Kaza, stay in luxury homestay (40 KM, 1 hours, dirt road)
- Lunch at the venue.
- Astronomy camp and stargazing event starts at 6:00 pm
- 06:00 PM Equipment set up
- 07:00 PM Astrophotography and stargazing starts
- 09:30 PM Break for Dinner
- 10:30 PM Observation continues
- 00:30 AM Midnight Tea/coffee and snacks.
- 04:30 AM Observation complete, retire for the night.





# Generic Itinerary

## Day 10

- Wake up, breakfast and enjoy the Sun and the views.
- Lunch during the day, day at leisure or free to stroll around for hike or just relax in the room. We can do Image processing as well if enough interest is expressed.
- Astronomy camp and stargazing event starts at 6:00 pm
- 06:00 PM Data consolidation in
- 06:40 PM Equipment start
- 07:00 PM Astrophotography and statgazing starts
- 09:30 PM Break for Dinner
- 10:30 PM Observation continues
- 00:30 AM Midnight Tea/coffee and snacks.
- 04:30 AM Observation complete, retire for the night.

## Day 11

- Wake up, breakfast and drive up to Chandra taal, check in and relax for the day (110 KM, 6 hours, dirt road, Kunzum La)
- Lunch enroute.
- Enjoy the afternoon around the lake.
- Dinner, included with stay on twin sharing basis.
- Setup your camera and explore the skies, night selfies.
- Retire for the night

## Day 12

- Wake up, breakfast and drive up to Manali (120 KM, 5 hours, mixed roads, via Atal Tunnel)
- Lunch enroute
- Dinner Included with stay on twin sharing basis.
- Share your experience, success stories, feedback and suggestions.

## Day 13

- Depart for Chandigarh after breakfast at Manali ( 310 KM 8-10 hours approx)
- Lunch enroute (not included)
- Send off at Chandigarh to back home (at own expense)

# More Information

## Cost:

Option I: Stay on twin sharing basis in luxury stay including breakfast and dinner, astronomy service, equipment is priced at INR 59,000/- inclusive of applicable service charge and applicable taxes ex-Chandigarh

Option II: Option I plus travel in luxury cars like Innova/Xylo/Tempo traveller is priced at 68,200/- inclusive of applicable service charge and applicable taxes ex-chandigarh

Travel from home location to Changidarh can be arranged at additional cost.

## Inclusion:

- Astronomy Equipment and Expertise as per requirements and working in groups
- Accommodation in Hotel or Home stays with modern ammenities on twin sharing basis.
- Breakfast, Dinner, morning, Evening & Midnight Tea with snacks.

## Exclusion

- Travel to and from the Chandigarh (can be arranged at an added expense).
- Lunch, water bottle, Soft drinks, refreshments, tea/coffee etc other than listed.

## Amenities

- Hot water in the morning
- Restaurant for food and snacks order
- Astronomy gear for visual observation with experts.
- Astrophotography expertise on your own equipment (preferred).





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# PhotoGenetics



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# Equipment



Celestron 25X100 binoculars

Celestron AVX GoTo Mount  
Celestron CG-5GT Mount  
Celestron NexStar GoTo Mount



10" Dobsonian  
8" Dobsonian  
130/650mm dobsonian  
8" Schmidt Cassegrain  
100mm refractor  
80mm refractor  
114/1000mm Newtonian  
130/650mm Newtonian

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# Why Us?

*Astro Nomad Life - Its all in the name.*

*We love stars and live like nomads traveling from one place to another in search of dark skies.*

*We are a team of trained and motivated astronomy enthusiasts well versed with the equipment and the skies who have dedicated their lives in promoting space science among the masses. We work with all age groups starting with 10 all way till 100.*

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Whatsapp - +91-9315191335  
Email: [info@astronomadlife.com](mailto:info@astronomadlife.com)

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