

# Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) Expedition 2022

*Organized by:*

## **South Calcutta Trekkers Association**

*Off: 14 Chakraberia Lane, Kolkata 700020  
Club: 45B Puddapukur Road, Kolkata 700020  
scta@gmail.com / www.scta.in*

<b>Information as required in format specified by IMF</b>	
1. Name of the Association	South Calcutta Trekkers Association
2. Name of the Expedition	Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) Expedition 2022
3. Name of the Peak with height in metres and six figure co-ordinates	Mt. Kulu Makalu: 6350 Metres Co-ord: 32° 06'22"N 77° 40'57"E
	Mt Rubal Kang 6150 Metres Co-ord: 32° 6' 3"N 77° 40'35"E
4. Date on which permit given by IMF	23rd March 2022
5. Nominal role of the team	Leader: Barun Mazumdar
	DY Leader: Ashish Gupta
	Treasurer : Avik Mondal
	Quarter Master: Sujit Bag
	Equipment In Charge: Pradip Bar
	Members: Chandrasekhar Chanda
	Members: Abhinash Jana
6. Commencement of Trek	4th July from Barsheni (2,583 M)
7. Number of camps en route to Base Camp	1- KheerGanga (2,740m) 2- Tundabhuji (3,330m) 3- Thakurkuwa (3,570m)
8. Interaction with local administration and other agencies	Local Police Station, Manikaran HP
9. Establishment of Base Camp	Ratiruni (4060m) 07th July 2022
10. Establishment of higher camps	Camp - I (4,500m) on 10th July 2022
	Camp - II (4,870m) on 12th July 2022
	Camp - III (5,430m) on 14th July 2022
11. Technical difficulty on way to higher camps	<u>Base to Camp - I</u> No technical difficulty faced. Trek with steep height gain through Loose Boulder leading to the Camp-I grassland. <u>Camp I to Camp - II</u> No major technical difficulty. Crossed one Riverbed and Crossed through the Glacier. Marched 2km on Rocky Boulders and one and a half km on Ice Bed. <u>Camp - II to Camp - III</u> No major technical difficulty. March on Glacier, No technical difficulty. Contains a lot of Open Crevasses near Camp-III

12. Snow & Rock condition	<p><b>Snow</b> Entire route up to Camp-III no snow. On way from Camp-II to Camp-III: Patch snow on Glacier. At parts, the layer of soft snow melted and hard ice from beneath was exposed.</p> <p><b>Ice</b> Entire route of the glacier ice was exposed and very stable &amp; several crevasse was visible which can easy negotiable.</p> <p><b>Rock</b> Rock nature is mixed sedimentary. On climbing at Kullu Makalu face rock was quite stable, found variety of cracks for anchor to entire face. Some of the sections were unstable and rockfall zone.</p>
13. Weather Condition	Weather condition was very poor after Base Camp. Unexpected rain every day and Night. And Foggy weather till Camp-III. Intermittent snowfall was observed till Camp 3. Heavy rain and snowfall throughout the night of 16 <sup>th</sup> July 2022 till 17 <sup>th</sup> July Morning 9.30am.
14. Summit Report	Attached
15. Camp site cleaning activity & disposal of garbage.	All Bio Degradable garbage were carried down and was disposed off (burned) at Camp-I and Base Camp. All Non-Bio Degradable garbage were carried down and disposed in Barsheni. Equipment - All technical equipment were brought down except few rock pitons, Carabiners and one fixed rope in the most critical pitch where descending without rope was impossible.
16. Maximum height attained and its date	<b>6170 m, 16th July 2022 1:40PM</b>
17. Name of Summiteers	<b>Summit not reached</b>
18. Total Expenditure	Rs 5,50,000 (Rounded Off)
19. Details of Day by Day events	Attached
20. Financial assistance required?	No

**Barun Mazumdar Leader**

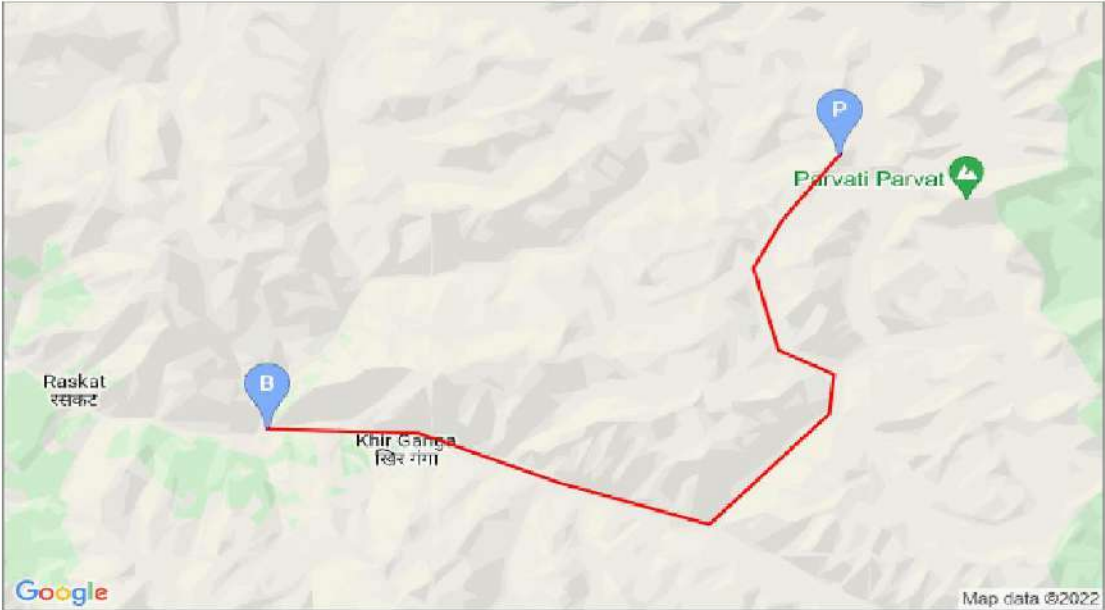
**Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) Expedition 2022**

Date: 12th August, 2022 Place: Kolkata

# Expedition Route Detail

APPLICATION NUMBER(F051822)

## Primary Choice(Peak 1): KULLU MAKALU



## Primary Choice(Peak 2): RUBAL KANG



## Day to day itinerary

01-07-2022	7 Member Team Departure from Howrah Station by Kalka Mail
02-07-2022	In Train
03-07-2022	Reached Chandigarh at 3am. Started towards Barsheni, HP. Reached Barsheni (2583M) at
04-07-2022	Full Team along with 3 Sherpas, 2 Porters, 1 Guide, 1 cook and 12 Mules Trekked to TC-I Kheerganga Campsite (2740M)
05-07-2022	Trek to TC-II TundaBhuj (3330M)
06-07-2022	Trek to TC-III Thakurkuwa (3570M)
07-07-2022	The Porters and the Mules discharged the load, beside a riverbed 2 km away from the Base Camp. Full Team carried a partial Load along with 3 Sherpas, 2 Porters, 1 Guide, and 1 Cook and established Base Camp, Ratiruni (4060M).
08-07-2022	5 Members, 2 Porters, 1 Guide and 1 Cook Ferried the Remaining load to Base Camp. 3 Sherpas Load Ferried to Camp 1 and returned back to Base Camp.
09-07-2022	5 Members, 3 Sherpas, 1 Cook, 1 Guide and 2 porters Load Ferried to Camp-I and returned back to Base Camp.
10-07-2022	All Members along with 3 Sherpas, 2 Porters, 1 Guide and 1 cook established Camp-I (4500m). 2 Porters returned back to Base Camp.
11-07-2022	3 Sherpas, 1 Cook and 1 Guide load Ferried to Camp-II and returned to Camp-I. All Members rest at Camp 1
12-07-2022	3 Members and 3 Sherpas occupied Camp-II (4870m) 3 Members, 1 Cook, 1 Guide Load ferried to Camp -II returned to Camp I
13-07-2022	3 Sherpas Load Ferried to Camp-III returned to Camp II Rest Day for All Members
14-07-2022	3 Members and 3 Sherpas occupied Camp-III (5430m) 2 Members, 1 Cook, 1 Guide occupied Camp -II
15-07-2022	3 Sherpas went for Route Opening and Fixed Rope up to 5990m towards Summit and returned back to Camp III 1 Member and 1 Guide Load Ferried to Camp-III and returned back to Camp-II
16-07-2022	<b>Kulu Makalu Summit Attempt - 3 Sherpas and 1 Member started at 3.30am approx. towards Summit Attempt. The summit team reached up to a height of 6170m by 13.40pm. The summit team then faced difficulties arising out of non- negotiable overhang decided to call off the summit attempt and came back to Camp-III 1 Member and 1 Guide Load Ferried Food to Camp-III</b>
17-07-2022	<b>Rubal Kang Summit Attempt- Weather Condition Worsen due extreme rain and snow fall throughout the night till 9am. The Members decided not to attempt Rubal Kang Summit because of this Bad weather. 3 Members and 3 Sherpas Came down to Camp-I from Camp-III 2 Members, 1 Cook and 1 Guide returned from Camp-II to Camp-I</b>
18-07-2022	Full Team along with 3 Sherpas, 1 Guide and 1 cook returned to Base Camp
19-07-2022	Trekked from Base Camp to Tundabhuj
20-07-2022	Trekked from Tundabhuj to Barsheni
21-07-2022	Stay At Barsheni
22-07-2022	Stay At Barsheni
23-07-2022	Took Traveller to Kalka. Reached Kalka at 9pm Boarded Kalka Mail at Night
24-07-2022	In Train
25-07-2022	Reached Kolkata at morning

# **SOUTH CALCUTTA TREKKERS ASSOCIATION**



**OFFICE : 45B, PUDDA PUKUR ROAD, CALCUTTA 700 020**  
**CLUB ROOM : 14, CHAKRABERIA LANE, CALCUTTA 700 020**  
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**To,**  
**The Director**  
**Indian Mountaineering Foundation**  
**6, Benito Juarez Road**  
**New Delhi 110021**  
**Date: 12th August 2022**

**Sub: Expedition Report on Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) 2022**

Dear Sir,

With reference to your letter No. 1008/IMF/IE/2022 dated 23rd March 2022 we hereby submit the final report on our expedition to Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) 2022, as per the suggested format.

**Mail Attachments:**

- 1. Full Expedition Report including Grade Assessment Report and Incident Report**
- 2. Photographs of evidence for Expedition Report Summary**
- 3. Photographs of evidence for Grade Assessment Report**

We request your kind verification for approval.

Awaiting your early & favourable reply in this regard.

With sincere thanks and warm regards,

**Barun Mazumdar Leader**  
**Mt. Kulu Makalu (6350 M) & Mt Rubal Kang (6150M) Expedition 2022**

**South Calcutta Trekkers Association**  
*14, Chakraberia Lane, Kolkata - 700020*

## Grade Assessment Reporting – Mt. Kulu Makalu: 6350 Metres

Subject	Details
<b>Name of Mountain</b>	<b>Mt. Kulu Makalu: 6350 Metres</b>
<b>Expedition Organization and Dates</b>	South Calcutta Trekkers Association, Kolkata 1st July – 25 <sup>th</sup> July 2022
<b>Face/ Ridge Attempted</b>	Face Attempted
<b>Nature of the face e.g. rock, snow, ice or mixed terrain</b>	It was mixed of Ice(20%) & Rock(80%).
<b>Gradient of the route in approximate degrees and description of artificial technical aids used to negotiate difficulty.</b>	<p><b><u>Base Camp to Camp-1</u></b> 3 hrs uphill trek along loose and unstable scree section of 45° to 60° gradient.</p> <p><b><u>Camp-1 to Camp-2</u></b> 4 hrs Glacier &amp; moraine march of 30° to 35° gradient. Only loose and unstable boulder at snout of the glacier.</p> <p><b><u>Camp-2 to Camp-3</u></b> 4 hrs of Glacier march with negotiation and avoiding crevasses.</p> <p><b><u>Camp-3 to Summit</u></b> 11hrs of heretic climb on Kullu Makalu face of 55° to 80° gradient. Using of Static rope, Dynamic rope, Range of Rock piton &amp; Snowbar, Ice piton.</p>
<b>Leaders assessment of Technical Difficulty ( TD ) with Grade ( refer to grade description )</b>	<p><b><u>Base Camp to Camp-1: Grade 2</u></b></p> <p><b><u>Camp-1 to Camp-2 : Grade 1</u></b></p> <p><b><u>Camp-2 to Camp-3 : Grade 1</u></b></p> <p><b><u>Camp-3 to Summit : Grade 4</u></b></p>
<b>Justification of grade assessment by leader required by marking route on photographs.</b>	Photo attached

## Grade Assessment Reporting – Mt Rubal Kang 6150 Metres

Subject	Details
<b>Name of Mountain</b>	<b>Mt Rubal Kang 6150 Metres</b>
<b>Expedition Organization and Dates</b>	South Calcutta Trekkers Association, Kolkata 1st July – 25 <sup>th</sup> July 2022
<b>Face/ Ridge Attempted</b>	Planned to attempt via Ridge.
<b>Nature of the face e.g. rock, snow, ice or mixed terrain</b>	Snow & Rock.
<b>Gradient of the route in approximate degrees and description of artificial technical aids used to negotiate difficulty.</b>	<p><b><u>Base Camp to Camp-1</u></b> 3 hrs uphill trek along loose and unstable scree section of 45° to 60° gradient.</p> <p><b><u>Camp-1 to Camp-2</u></b> 4 hrs Glacier &amp; moraine march of 30° to 35° gradient. Only loose and unstable boulder at snout of the glacier.</p> <p><b><u>Camp-2 to Camp-3</u></b> 4 hrs of Glacier march with negotiation and avoiding crevasses.</p> <p><b><u>Camp-2 to Summit</u></b> Not attempted due to bad weather.</p>
<b>Leaders assessment of Technical Difficulty ( TD ) with Grade ( refer to grade description )</b>	<p><u>Base Camp to Camp-1</u>:Grade 2</p> <p><u>Camp-1 to Camp-2</u> :Grade 1</p> <p><u>Camp-2 to Camp-3</u> : Grade 1</p>
<b>Justification of grade assessment by leader required by marking route on photographs.</b>	Photo attached