

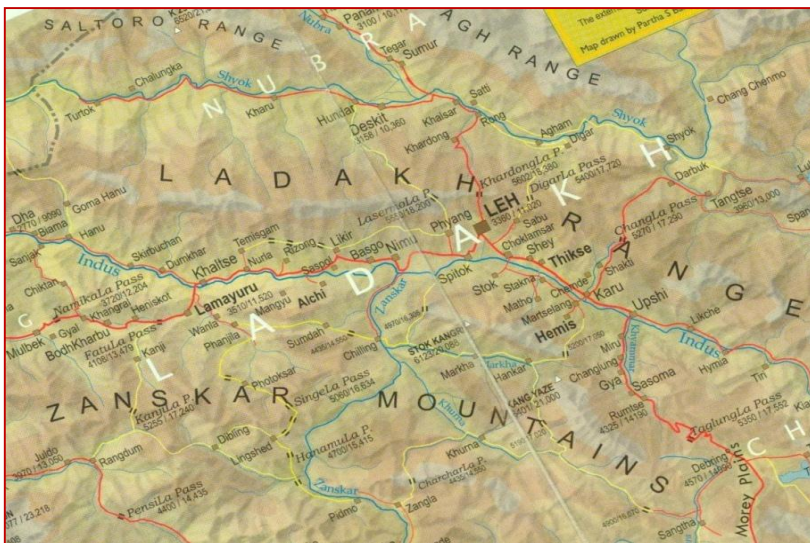
APG India organizes

## 6<sup>th</sup> GEOLOGICAL EXPEDITION AND FIELD WORKSHOP

### LEH-LADAKH-ZANSKAR SECTOR, NW HIMALAYA

20th to 26th August 2018

Association of Petroleum Geologists (APG) India, an affiliate of the American Association of Petroleum Geologists (AAPG), is organizing the 6<sup>th</sup> Geological Expedition and Field Workshop on Himalayan Geology from 20.08.2018 to 26.08.2018 in Leh-Ladakh-Zanskar Sector of the Northwest Himalaya. The Expedition and Field Workshop will be conducted by Dr. Rajeev Upadhyay, Professor, Centre of Advanced Studies in Geology, Kumaon University, Nainital, an eminent Himalayan Geologist and coordinated by Sushma Rawat from ONGC.



Study Area



Dr. Rajeev Upadhyay

This time, the participants are from various National & International E&P Companies who will be starting from Leh on 20.08.2018. Thereafter, they shall be witnessing a first-hand account of a number of geologically and tectonically important as well as scenically breath-taking traverses with overnight halts at various field camps. The field workshop has been designed with a focus on study of Mesozoic Stratigraphy, the occurrence of likely source rock locales and perceived petroleum systems which will be interesting from the perspective of hydrocarbon exploration. Valedictory Session of the Field Workshop will be at Leh on the evening of 25.08.2018. Participants will depart from Leh on 26.08.2018 to their respective work centres, enriched with a better understanding to integrate the knowledge acquired for evolving geological models for hydrocarbon exploration.



Leh Airport

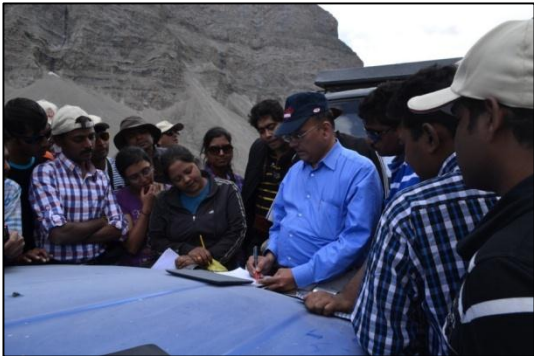
The tentative programme schedule is indicated below:

Date	Activity	Time	Remarks
<b>20<sup>th</sup> Aug 2018 Monday</b>	Arrival at Leh	By 1000 hrs	Camp Leh
	Registration	1330 – 1400 hrs	Conference Venue ( <i>acclimatisation</i> )
	Workshop Inauguration & Interactive Session on Hydrocarbon Exploration in Himalayan Foreland Basin and Fold Belt	1400 – 1930 hrs	
	Dinner	1930 – 2200 hrs	
	Night Halt at respective hotels		Camp Leh
<b>21<sup>st</sup> Aug 2018 Tuesday</b>	Breakfast at respective hotels	Before 0800 hrs	Camp Leh
	Departure for field expedition along Leh-Chilling Nala-Nurla section	0830 hrs	Pre-decided common pick up point
	Arrival at Camp Nurla	1830 hrs	Camp Nurla
	Recap / discussion on field work	1930 – 2100 hrs	
	Dinner / Night Halt	2100 hrs onwards	
<b>22<sup>nd</sup> Aug 2018 Wednesday</b>	Departure for field expedition along Leh-Singe La -Ulay Topo section	0830 hrs	Departure from Camp Nurla
	Arrival at Camp Ulay Topo	1830 hrs	Camp Ulay Topo
	Recap / discussion on field work	1930 – 2100 hrs	
	Dinner / Night Halt	2100 hrs onwards	
<b>23<sup>rd</sup> Aug 2018 Thursday</b>	Departure for field expedition along Ulay Topo-Leh-Diskit section	0830 hrs	Departure from Camp Ulay Topo
	Arrival at Camp Diskit	1830 hrs	Camp Diskit
	Recap / discussion on field work	1930 – 2100 hrs	
	Dinner / Night Halt	2100 hrs onwards	
<b>24<sup>th</sup> Aug 2018 Friday</b>	Departure for field expedition along Diskit-Turtuk-Diskit section	0830 hrs	Departure from Camp Diskit
	Arrival at Camp Diskit	1830 hrs	Camp Diskit
	Recap / discussion on field work	1930 – 2100 hrs	
	Dinner / Night Halt	2100 hrs onwards	
<b>25<sup>th</sup> Aug 2018 Saturday</b>	Departure for field expedition along Diskit-Sumur-Leh section	0830 hrs	Departure from Camp Diskit
	Arrival at Camp Leh via Khardung La	1800 hrs	Conference Venue, Camp Leh
	Summary and Valedictory Session followed by Dinner	1900 – 2100 hrs	
	Night Halt at respective hotels	2100 hrs onwards	Camp Leh
<b>26<sup>th</sup> Aug 2018 Sunday</b>	Departure from Leh	Early morning	

With likely increase in exploration activities in frontier/ logistically difficult areas, this Expedition and Field Workshop is intended to familiarize participants to the structural and stratigraphic framework for better understanding of the geological setup. This will facilitate the participants through integration of the knowledge acquired for evolving Geological Model for Hydrocarbon Exploration.

About thirty petroleum geoscientists from premier public and private sector oil companies of the country such as ONGC, OVL, OIL, IOC, Cairn India and IHS are expected to attend the programme.

**Glimpses of earlier APG India Geological Expeditions to the sector**



**At Work**



**Lamayuru Complex (Exotic block)**



**Pillow Basalt in Ophiolite Complex**



**Indus Formation (Molasse and Flysch deposits)**



**Sedimentary structures in Indus flysch**



**Ladakh Plutonic Complex**