

# **NABA BARRACKPUR PRAFULLA CHANDRA MAHAVIDYALAYA**

New Barrackpur, Kolkata-700131

## **Department of Geography**

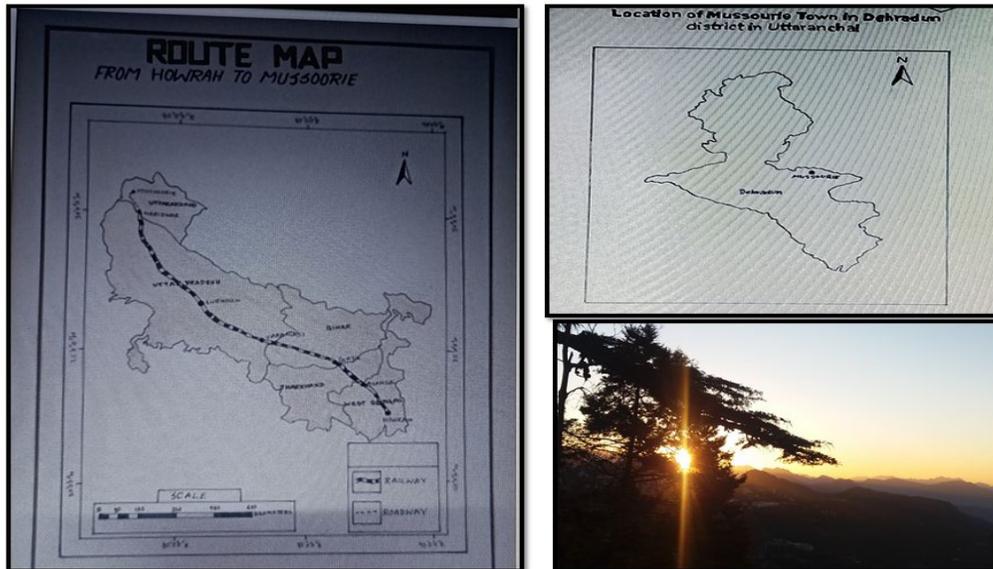
### **Field Report of 2018-19**

As a subject, Geography provides a broad sphere to deal with the physical and cultural landscape. And field study helps us to observe and measure social processes in their natural occurrence. It is considered as a non-experimental scientific inquiry. One can define the field study as a “Not all Classrooms have Four Walls”. Our department has structured the field plan following the curriculum outline provided by CBCS UG Syllabus of West Bengal State University. This is the first field under CBCS course structure.

### **A Study on the Natural and Socio-Cultural Structure of a Municipal Town**

#### **Case study of Mussoorie, Uttarakhand**

The study has been conducted in Mussoorie, Uttarakhand. It is a hill station and municipal board in the Dehradun district. As a study area, 4 wards of Mussoorie had been surveyed by students. This town is situated in the foot hill of Garwal Himalayan range. The study area was selected keeping in view the inclusion of highly populated with better accessibility areas to poorly dense fringe areas. And the survey schedule has also been prepared on the basis of University guidelines as a pre-field activity.



Route Map and Location of Mussoorie

We took the Kumbh Express from Howrah to reach Haridwar on 29<sup>th</sup> January night and by 30<sup>th</sup> January evening, we have reached Haridwar. Then after staying there for one night, next day morning we took a private bus to Mussoorie. On the way from Haridwar to Mussoorie, We have visited few places to understand the local history and causes of tourist attraction. By evening of 31<sup>st</sup> January, we have reached Mussoorie and after arriving we went around the whole area to understand what the area structure was like.

<b>Session</b>	<b>2018-19</b>
<b>Place and Date</b>	<b>Mussoorie, Uttarakhand.</b> <b>29<sup>th</sup> January, 2019 - 5<sup>th</sup> February, 2019</b>
<b>Number of Students</b>	<b>20</b>
<b>Number of Faculty</b>	<b>2</b>

Next day (1<sup>st</sup> February) in the very early morning after breakfast we headed towards our study area and started the house hold survey. Students were divided into 4 groups and started their survey in 4 different wards (ward no. 7,8,9,11) with the help of structured questionnaire. Prime objective behind this household survey was to collect the comprehensive socio-demographic data about the local residents. Total 123 households were being surveyed by our students. From that data, we have assessed the demographic structure of the families, amenities, education status, economic structures, their perception about the local services etc.

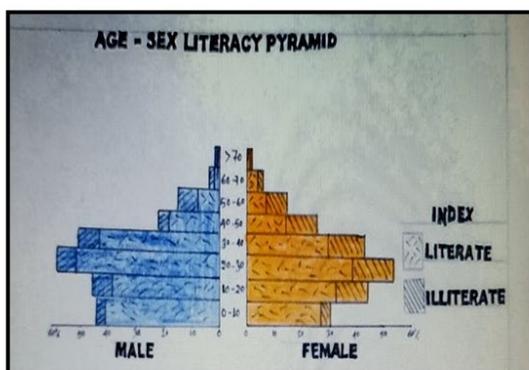


Diagram: Age Sex Literacy Pyramid

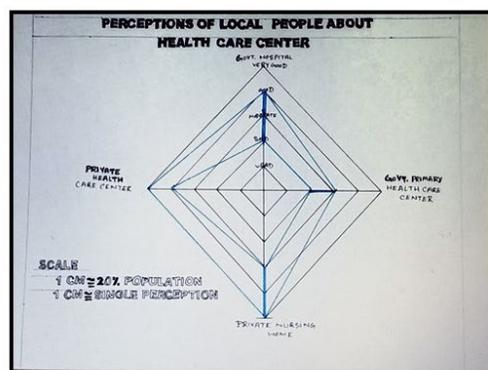


Diagram: Perception of local peoples about health care facilities

In 2<sup>nd</sup> February, at 1<sup>st</sup> phase students have surveyed the market area. Market morphology has been drawn by them after that they were divided into two groups. One group has surveyed the local shops and another group engaged themselves to count the up and down vehicles respect to 3 road junction (hotel hill point). After lunch, again 6 students were engaged themselves to count the vehicles from same junction. Hotel and tourist survey has been done by rest of the students. 8 hotels have been surveyed. Semi-structured questionnaire has been used to gather the information about hotel infrastructure, rent, peak tourist time etc. 23 tourists have been surveyed from the market place.

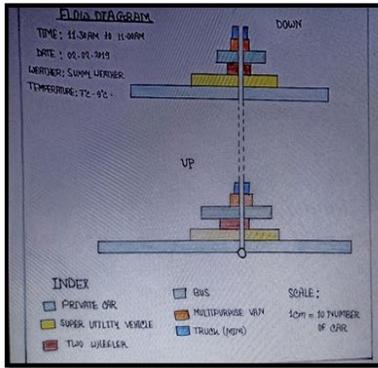


Diagram: Flow Diagram

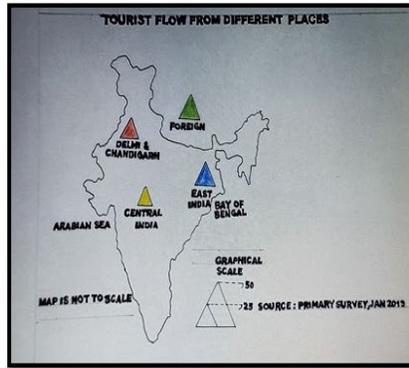


Diagram: Tourist Flow Map

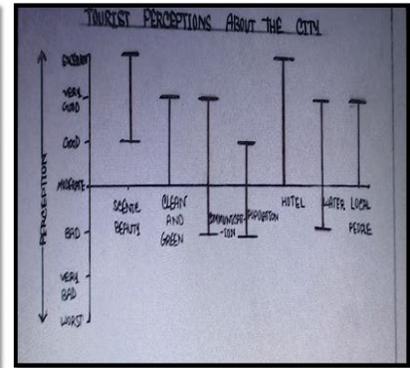


Diagram: Perception of Tourists about local services

3<sup>rd</sup> February, after breakfast , we have headed towards Song River by a private bus. 2 cross sectional profile at a distance of 100 meter across the river has been done with the help of dumpy level. After that we have started a prismatic compass survey along the semi-structured road which was parallel to the river. By 3 pm, we returned to our hotel and took the lunch. After lunch, calculation table of dumpy level survey and prismatic compass survey was prepared by a group of students. And another group went to visit local administrative office for gathering information on infrastructural facilities of local area.



Picture: Song River



Picture: Local Rock Sample

On 4<sup>th</sup> February after taking the breakfast, we took a private bus to see the tourist spot of mussoorie town. We have visited Kempty Falls, Lal Tibba, Mussoorie Lake, Company Garden. We took our lunch in bus and by 5:30 pm, have reached Haridwar to avail the train. On 5<sup>th</sup> February, have reached Howrah.

Day	Domains Survey of	Number of Participants	Findings
01/02/2019	Household Survey	5+5+5+5	<ul style="list-style-type: none"> <li>✓ Population growth rate is positive in ward no 8 and 9. Most of the population are belongs to Hindu religion. 56% population used garwali language.</li> <li>✓ 62% families have well structured house with basic amenities.</li> </ul>

			<ul style="list-style-type: none"> <li>✓ Female literacy rate is higher than male.</li> <li>✓ Most of the people depended upon tourism industry.</li> <li>✓ Electric facility was good. But drainage facility and waste management was not well structured.</li> </ul>
02/02/2019	Market survey	14	Shops were concentrated along the Mall road. Variety of shops were there. But the number of woolen garments shops were higher.
02/02/2019	Traffic Survey	6	On average 36 vehicles were passed by that junction point. In morning upward flow was higher whereas in afternoon downward movement was higher.
02/02/2019	Hotel and Tourist Survey	10+10	Hotels are well structured. Individual room to dormitory were available. Per day rent varies from 400 to 5000.
03/02/2019	Instrument Survey	20	2 cross sectional profile has been drawn on Song River. At the middle of the river depth is higher than peripheral areas. Depth was about 2 meter in the middle. Velocity and turbidity of river was low enough not to be felt.

This visit has helped the students to understand about different data collection strategies and their use in different socio-cultural perspectives. Students have also gained knowledge about the field ethics and to collect the information through various unstructured ways. They gathered the information about the coping strategies of hill station people with divergent natural setting. Most importantly, students have learned about master table preparation and to prepare the report.