

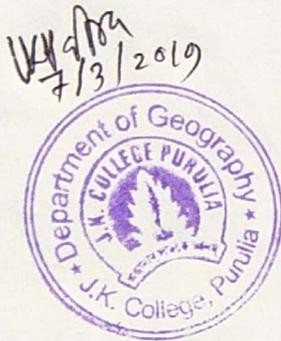
Jagannath Kishore College Purulia
Department of Geography

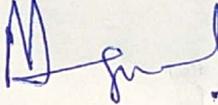
The following Field Report of the Department of Geography was submitted to IQAC for its records. The trip was conducted in partial fulfilment of the 3 year Geography (Honours) syllabus of Sidho-Kanho-Birsha University Purulia.

Paper No.: VIII/Part A

Nature: Practical (Social Survey of a Rural Unit)

Total Marks: 40




7/3/2019
Co-ordinator
IQAC
J.K. College, Purulia

DEPARTMENT OF GEOGRAPHY
J.K.COLLEGE,PURULIA

FIELD SURVEY REPORT ON VILLAGE SURVEY AS PER SYLLABUS SIDHO-KANHO-BIRSHA UNIVERSITY AT GURAHATA MOUZA,ARSHA CD BLOCK,DISTRICT-PURULIA.

INTRODUCTION: Geography is essentially a field science.It deals with the study of spatial pattern of different modes of human occupation relating to the physical environments and the cultural attainments of the human groups on society. Field survey is defined as collection and gathering of information at the local level by conducting primary surveys.Geography being a field science,a geographical enquiry almost always needs to be supplemented through well-planned field survey.Such surveys enhance our understanding about patterns of spatial distributions,their associations and relationships both at macro as well as micro level.

The Sidho-kanho-Birsha University has made provision in field work(to be conducted in a Rural Mouza or an urban Ward)for the Honours degree level students to ensure the above mentioned purpose,and also facilitate proper understanding of geographical facts and phenomena in the field.The Department of Geography ,J.K.College,purulia selected Gurahata Rural Mouza under Arsha C D Block in purulia district for said fieldwork for the session 2016-2019.

OUR STUDY AREA: GURAHATA MOUZA



THE SURVEY TEAM : DEPARTMENT OF GEOGRAPHY



FIELD PROCEDURE

Purulia is the westernmost district of the state of West Bengal, lying in between the young alluvial plain of West Bengal and the ancient plateau of central India with latitudinal and longitudinal extension of $22^{\circ}42'35''$ North to $23^{\circ}45'00''$ North and $85^{\circ}49'25''$ East to $86^{\circ}54'37''$ East. Our study area is situated southern part of the Arsha CD Block and approximately 27 km from the district headquarter of Purulia.

For conducting the field survey we commuted from Purulia Town for two days i.e 4th and 5th October, 2018, and we stayed there for the whole days and following a sets of methods to ensuring a systematic field study. Keeping in view the purpose of the survey we collect Cadastral Map from B.L&L.R.O Office and Secondary data (population) and also prepared a questionnaire for household survey.

The Survey is to be conducted in systematic field procedures by the following manner

1. To understand the land use patterns and to identify changes in land utilization, a plot to plot survey were conducted using Mouza Map.

2.To study the socio-economic conditions and to know the demographic aspects of the villagers, we also arranged household survey by using questionnaire.



HOUSE HOLD SURVEY

3.For measuring the general gradient or elevation of the study area,we conducted Levelling by using the instrument e.g.Dumpy Level and GPS.



CONTOURING BY USING DUMPY

4. Apart from that the soil sample were also collected from different plots in our study area.

OBJECTIVES

Physiographically the area of purulia district falls under a sub region of North-Eastern part of Chotonagpur plateau with undulating topography,so this phenomena influencing productivity of the land,which influencing occupation of the people,services,and facility available to



COLLECTING SOIL SAMPLE

them. All these aspects need fieldwork by which we collect the type of information. The main objectives of our field survey is to study the distribution patterns of different physiographic, socio-economic and socio-cultural attributes of the area which also determined the economic development of this area. So our objectives is to explain how the processes of human and physical system have arranged and sometimes changed the surface of the earth.



AGRICULTURAL PRACTICE



PADDY: MAIN AGRICULTURAL CROP

CONCLUSION

Gurahata is a small Mouza located 1km away from the Arsha CD Block and situated at the northern foothill zone of Ayodha hill which is characterized by slightly undulating topography. From our field survey it has been revealed that economically the village Gurahata seems to be very poor. The main source of income of the villagers identified as agriculture and the agricultural land randomly changed into current fallow and so the productivity of agricultural crops become very low, which affects the quality of life and standard of living.

From the data published by The District Statistical Handbook it has been observed that the cultivation is predominant land use pattern in Purulia district. Most of the rural households practices subsistence farming under adverse and risky environmental condition as observed in our study area. Due to undulating topography the maximum amount of rainfall flows away as runoff and water holding capacity of the soil is very low, these phenomena causes very scarcity in water supply facilities mainly during summer season. Due to uneven distribution of rainfall, low irrigational facilities and low water holding capacity of the soil causes very low level and irregular agricultural practice, which induced very low rate of production in our study area. Therefore, field survey plays a vital role in development and planning because future plans can be checked out depending on the present situation of all land aspects.



PRIMARY SCHOOL IN OUR STUDY AREA



For Domestic use of pond: Source of Water



Extended Part of Ayodhya Hill

SOME IMPORTANT FEATURES IN OUR STUDY AREA



COLLECTING FIRE WOOD



SOME DOMESTIC ANIMALS



HOUSE TYPE: GURAHATA MOUZA