

Map Description and Analysis

Introduction

- Prayagraj district lies in the Uttar Pradesh State of India. Prayagraj district is divided into 8 tehsils, which are further divided into 20 developed blocks. In Prayagraj district, there are 3095 revenue villages, which is the part of this map. The geographic extent of these maps is from 81.525°N, 24.806°E to 82.351°N, 25.751°E.

Prayagraj District Tehsil and Village Boundary Map


- Prayagraj district tehsil boundary map is prepared from survey of India (SOI) topography map using georeferencing, joining, and digitization process using QGIS software. Prayagraj district village boundary map has been downloaded from Prayagraj Negara Nigam website and prepared using QGIS open-source software.

Road Networks

- Prayagraj district road data has been downloaded from the OSM website. In Prayagraj district, there are 6 national highways (NH076E, NH024B, NH0096, NH0076, NH0027, and NH0002), 5 major state roads (MD162E, MD146E, MD133E, MD130E, and MD121E), and 2 state highways (SH0102 and Sh0007) including an expressway. Prayagraj Sadar area has maximum road density than other tehsils because, in Prayagraj Sadar, there is a crucial Hinduism holy palace, Sangam. It is also connected with all other transport lines like the airport, railway line, and waterway.

School Location Map

- There are about 6336 schools in the Prayagraj district; out of these, 4877 school locations were collected from the school Geo-Portal website. These school raw data has been collected from DISE (District Information System for Education). Each school location map has been generated by using QGIS software.

	Team Name: GIS Cell MNNIT Allahabad Prayagraj
	Topic : Mapping of Prayagraj District Road Network and Schools Location
	Team member : Dharmendera Kumar Meena, Dr. Sonam Agrawal, Prof. Rajeev Tripathi,
	Organization: Motilal Nehru National Institute of Technology Allahabad, Prayagraj U. P.- 211004
Email ID:	dmeena@mnnit.ac.in , sonam@mnnit.ac.in , rt@mnnit.ac.in