

Name of Scholar: Gulnaz Bano

Supervisor: Prof. Mohd. Mazhar Ali Khan

Co- Supervisor: Dr. Lubna Siddiqui

Department: Geography

Topic: Impact of Pulse Polio Programme in Eradication of Poliomyelitis:A Case Study of Rampur District.

Abstract:

The present research has been carried out to study the impact of Pulse Polio Programme on eradication of poliomyelitis in Rampur district of Uttar Pradesh. This district is a part of Ganga Yamuna doab. The study is based on both primary and secondary data. Enormous success has been achieved due to the launch of Global Polio Eradication Initiative in 1988, due to which the numbers of polio cases have decreased by 99%. In 2013 only three countries in the world were left as polio endemic countries, these are Nigeria, Pakistan and Afghanistan. Subsequently these three countries have also launched their national polio emergency action plan, on war footing in collaboration with the partner agencies of Global Polio Eradication Initiative (GPEI) under the sponsorship of Global Emergency Action Plan 2013-2018. Polio cases are now at the lowest in the world's history. Findings indicate that a critical stage has been reached in the eradication of polio in India also and a great victory has been achieved due to Pulse Polio Programme since it was launched in 1995 when the tally of 1934 cases and which reduced to only one case in 2011.

The first chapter Environmental setting of the Study Area provides a detailed description of the study area. It deals with the administrative setup, history, physiography, drainage, climate, population, literacy and sex ratio.

The second chapter Poliomyelitis the concepts and diseases provides a detailed description of polio virus, poliomyelitis and its types, transmission, host factors, diagnosis and its prevention.

The third chapter International Pulse Polio Programme: A Critical Overview deals with Global polio eradication Initiative and its effect all over the world where polio was endemic. World level distributions of polio cases from 1999 to 2013 are studied.

The fourth chapter Pulse Polio Programme in India: A Critical Overview studies Pulse Polio Programme and its impact in polio eradication. State level distributions of polio cases from 2000 to 2011 are studied.

The fifth chapter Pulse Polio Programme and Poliomyelitis in Rampur District reveals the impact of PPP in eradication of poliomyelitis from the Rampur district. It also deals the factors and socio-economic conditions of inhabitants which significantly are related to increased number of polio cases in Rampur district like illiteracy, economic backwardness, low income level, unawareness, hygienic conditions etc. The fifth chapter is followed by conclusion of the present study. Some of valuable suggestions are also given by the researcher which can be used for future strategies on polio in Rampur district and its adjoining districts.