

Report of One Day Seminar on
FUTURE TRENDS AND CAREER
OPPORTUNITIES IN REMOTE SENSING
AND GIS
organized by Dept. of Geography and IQAC,
Dumdum Motijheel Rabindra Mahavidyalaya in
collaboration with
Prasanta Chandra Mahalonbis Mahavidyalaya
Dated 27.02.2023

People have always realised that the understanding of a spatial situation of things distributed on the earth's surface becomes easier through maps. So even in the early days of exploration of resources, making of maps was felt necessary. With advancement of technology, map making has largely been entrusted upon remotely sensed data. Procurement of data through satellites and converting the same into hard and soft copies of maps through GIS packages is the practice of the day. REMOTE SENSING is now using variety of more advanced scanners, such as MSS, hyper spectral and ultra spectral scanners, the size of electronic data storage systems is getting reduced. Now a days, RS and GIS has been an expandable industry which contain more opportunities and greater scope of uses.

Dum Dum Motijheel Rabindra Mahavidyalaya and Prasanta Chandra Mahalonbis Mahavidyalaya jointly organized a special lecture followed by an interactive session in the college seminar room on 27th February, 2023 during 11.30 a.m-1.30 pm, to cast light on the prospects of Remote Sensing and GIS in our day to day lives. Around

97 students from different colleges e.g. Rani Birla college, Sarada Girls college, P.N Das college, Budge Budge college, Sarojini Naidu college etc. and all faculties from different departments of DDMRM and PCMM have assembled in the college seminar hall and actively participated in this event.



The program started with a welcome speech delivered by Smt. Somali Roy Chakraborty (Faculty of Department of Geography, DDMRM), who talked about the various prospects of Remote Sensing and GIS and the advancement of technologies in modern fields of Geography with the progress of time. The members present on the dais were Sri Subhabrata Bhattacharya Teacher-in-Charge DDMRM, Sri. Diptendu Simlai, IQAC Co-ordinator, DDMRM and Dr. Mehbub Sahana, the Eminent Speaker for this event.

Prof. Sahana gave a very informative and embracing speech on Recent technological upgradation through the gradual rise of Remote sensing Era and its future prospects in Geographical fields. He highlighted the gradual increase in computer power, transmitting power of active systems and increasing tunability of systems. He stressed on the various applications of Remote sensing i.e analysing the conditions of rural roads, Land use Land cover mapping, Agriculture Monitoring, Observing climatic changes etc.



He also talked about recent day GIS technologies playing pivotal role in optimizing city infrastructure, managing resources and enhancing overall urban living. His speech about GIS helping in modern day scientific investigations, Resource management and Developmental planning motivated and enriched the students a lot and led them to a better understanding of the scopes and current opportunities of GIS in

their career.



His commendable speech was followed by a live interactive session, where Dr. Sahana interacted with the students and entertained all of their questions. The program ended with the vote of thanks delivered by Dr. Suchita Dutta, Faculty of the department of Geography, DDMRM.