



Brief Report of the Post Graduate Geography (PGGR) PCP-2025

Paper- 9B (Remote Sensing & GIS) at RS-GIS Laboratory at Kalyani R.C., NSOU

Likewise earlier years, the PGGR PCPs classes (9B Practical paper) has been organized at the Kalyani Regional Centre (RC). Like each and every year, face to face PCPs (hands on training of RS-GIS software) had been scheduled on six days (Phase-I) for all the six PGGR study centres [approx. 120 students of Six PGGR study centres were present]. The PGGR term end practical examination is also conducted in the same RS-GIS Laboratory, Kalyani RC. The details are mentioned below:

Date of PGGR PCPs: 23rd, 24th, 29th, 30th April; 06th and 07th May, 2025 (6 Hours/day)

Class Teacher: Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU

Coordinator / In-Charge of the Practical PCP & Examination: Dr. Biraj Kanti Mondal, Assistant Professor of Geography, NSOU

Venue: Remote Sensing & GIS Laboratory, Kalyani Regional Centre, NSOU.

Study Centres involved: Raja N. L Khan College (B-03); Sarojini Naidu College (E-06); Haldia Govt. College (H-06); Chandernagore Govt. College (C-05); Kanailal Bhattacharya College (E-09); Ananda Chandra College (F-02).

The photographs of the PCPs (Practical) are given below:



Photo 1: PGGR Hands on training of RS-GIS software at Kalyani RC. (RS-GIS Laboratory)



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Kalyani Campus: First Floor, Academic Building, Kalyani Ghoshpara, Kalyani -741235

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Photo 1: Visit of Director, School of Sciences during the hands-on training of RS-GIS software at RS-GIS Laboratory at Kalyani RC. (with PG Geography students) (Date: 24/04/2025)



Photo 2: Hands on training of RS-GIS software (RS-GIS Laboratory, Kalyani RC.) (23/04/2025)



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Photo 3: PGGR Hands on training of RS-GIS software at Kalyani RC. (RS-GIS Laboratory)



Photo 4 & 5: Hands-on training of RS-GIS software for the PGGR students of different study centre at RS-GIS Laboratory, Kalyani RC



Photo 6 & 7: Hands-on training of RS-GIS software for the PGGR students of different study centre at RS-GIS Laboratory, Kalyani RC



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Photo 8 & 9: Hands-on training of RS-GIS software for the PGGR students of different study centre at RS-GIS Laboratory, Kalyani RC



Photo 10: Hands-on training of RS-GIS software for the PGGR students of three study centres at RS-GIS Laboratory, Kalyani RC (Final day of Phase-I: 07.05.2025)

Post Graduate Geography (PGGR) practical PCPs in RS-GIS laboratory of NSOU:

The PGGR **paper 9B** (Remote Sensing and GIS Practical) is completely a practical paper of 50 marks. Here, the licence software can fulfil the requirement of the learners to acquire complete and essential knowledge in the domain. The RS-GIS is becoming famous worldwide for its capacity of geospatial analysis and detecting spatio-temporal changes of various discourse of



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Geography. Therefore, the geography learners must go through the hands-on training by using RS software for data processing, GIS software (mainly Mapinfo and Geomatica) for making maps, puts the data into the maps and learning the analysis of both from the geographer's perspectives.

The knowledge gained in Remote Sensing (RS) and Geographic Information System (GIS) incorporated in the geography syllabus enables the learners to discover the modern applications of science in the physical, social and environmental spheres. This will help in higher studies and further studies and extended research work in various fields of geography at local, national and regional level. Therefore, it indeed the utmost necessity of a proper RS GIS laboratory in the university campus with the licence version software (Mainly Mapinfo and Geomatica) and modern equipment to facilitate the learners of both PG (general practical and two special papers). Furthermore, the students also learn the practical use of Aerial photographs and Satellite Imagery related to the PG syllabus during the PCPs. It is also to be mentioned that Biraj Kanti Mondal, Assistant Professor of Geography, NSOU has arranged the PCPs as a coordinator and acted as the class teacher/instructor in this paper since last couple of years. To maintain the quality of the practical paper, a quality check of the hands-on training is being taken by the class teacher and performance of the learners is found satisfactory. This year, the Director, School of Sciences has visited the RS-GIS laboratory and talked with the learners during this practical PCP session. Moreover, it is notable that this laboratory is also useful for the project and research purpose. All the educational institutions are using the licence version software and some institutes are using open-source software along with the licence version to fulfil their course curricula. After successful completion of the PG courses on Geography from NSOU, a good number (about 4 to 6) learners each and every year qualified the NET examination, many learners securing job in the private and government sector and probably that happened due to the updated syllabus of NSOU, quality teaching-learning system and learners support services provided by the university. Therefore, we are hopeful and looking forward to develop the laboratory infrastructure of Geography as it is a practical based subject.

Report prepared by:

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