



Professional Diploma specializing in Remote Sensing and Geographical Information Systems

The professional diploma specializing in remote sensing and geographical information systems was established in partnership between Ain Shams University and the National Authority for Remote Sensing and Space Sciences in accordance with Ministerial Resolution No. 5234 dated 10/19/2017, and the actual operation of the diploma began in the first semester of the academic year 2018/2019 (September 2018), and this diploma is the first of its kind in all Egyptian universities, which is implemented in partnership between a prestigious academic university, which is Ain Shams University, and a research body specialized in remote sensing, which is the National Authority for Remote Sensing and Space Sciences. This gives our students a great opportunity to benefit from all the capabilities and resources of the university and the authority to obtain the greatest amount of science and knowledge regarding RS&GIS, Ain Shams University is responsible for admission, registration and scholarships. Five batches of diplomas were graduated.

The diploma leads to the graduation of a graduate who is an expert in remote sensing and geographical information systems. The diploma is also unique in that it contains a scientific curriculum that includes the theoretical, practical and applied aspects of the courses of geographic information systems, remote sensing and programming of geographic information systems, so that it provides training in these technologies for graduates of various universities and colleges.

Target group

The diploma targets the following segments:

- 1- The category of university graduates from all disciplines in Egypt and the Arab and African regions.
- 2- The category of workers in Geographic Information Systems units in various institutions and companies.
- 3- The category of workers in research centers related to the fields of remote sensing and Geographic Information Systems.

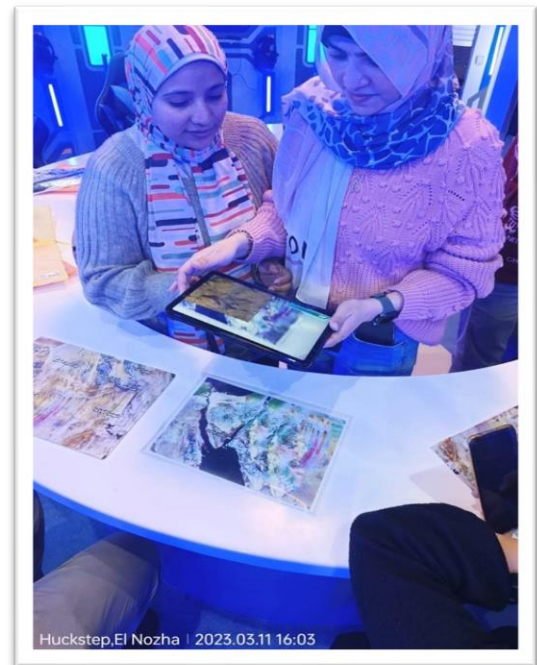
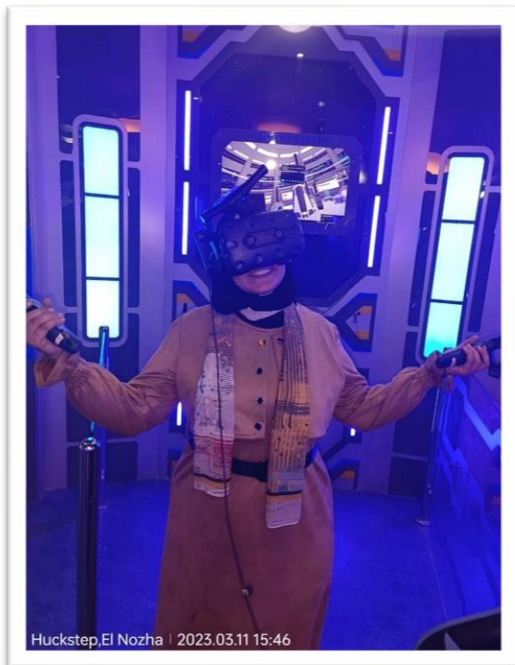
Basic information about the program

- Awarding educational institution: Ain Shams University.
- Program name (code DRSGIS): Professional diploma specializing in remote sensing and geographical information systems.

- The total number of credit hours required to complete the program is 36 credit hours.
 - a. Number of credit hours for compulsory courses :(27).
 - b. Number of credit hours for elective courses: (9).
- The study deals with scientific and applied courses with a duration of one academic year (3 semesters).
- The program is presented in partnership between Ain Shams University and the National Authority for Remote Sensing and Space.

Theoretical lectures and practical exercises for students





Field studies for diploma students' graduation projects





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