

GIS Education in Egypt: The ITI Experience

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SUMMARY

Since its establishment as a national institute in 1993, by the Information and Decision Support Center (IDSC), the Information Technology Institute (ITI) has established itself as one of the leading IT training institutes not just in Egypt but also across the Middle East. ITI mission is to create, shape, nurture and empower the Egyptian Information Technology community, by developing and disseminating state-of-the-art training processes on forefront applications and programs.

The most important ITI program is a 9-months program for universities fresh-graduates. It is designed mainly to build professional skills in the IT field and to provide training in state-of-the-art technologies. The course is being offered in different specializations, e.g. Software Engineering, GIS, Computer Networks, Multimedia, E-Commerce, VLSI, and Mechatronics. The main objective of this paper is to share the ITI experience in GIS Professional training.

This paper starts by a brief introduction to the ITI and its main programs; professional training, specialized tracks programs and research development unit. It mainly focuses on the GIS diploma offered by the ITI with its course structure and the main concepts introduced through its courses. Finally, it represents the main achievements of the ITI in the IT Egyptian and regional industry in addition to the future vision about the GIS professional training.