

THE COMPLEXITY STUDY GROUP – GECOM

The Complexity Study Group – GECOM, began in August 2012, as an integral project of the activities of Prof. Cesário de Moraes Leonel Ferreira, while he developed his doctoral thesis, under Full-time Research – RJI, at Fatec Itapetininga/SP, Prof. Antonio Belizandro Barbosa Rezende.

In the readings of the legislation and regulation of Technology courses Prof. Cesário realized the need of technological education institutions to adopt new teaching methodologies capable of meeting the constants guidelines presented: flexibility; interdisciplinarity; the contextualization and the permanent updating of the courses and their resumes. Coupled with the interest in disclosing his thesis, keeping activities and participating in scientific events related to it, the idea of the creation of this group of studies came up, which was embraced by most members of the Faculty of that institution.

So, the meetings were going on, at first, in two days a week involving dozens of teachers. Because most of them are not remunerated for their participation, currently, meetings are held only on Thursdays with more effective participation of six teachers, since mid-2013.

At these meetings, texts of Edgar Morin are discussed, reinforcing, with certain frequency, the seven basic principles of Complexity. In addition to these readings the Group has promoted studies on legislation regulating the technology courses, always with the interpretation of Complex Thought, which has produced scientific articles for publication and participation in events.

Thus, the Group participated in the "Symposium of SEMTEC 2014 I – Medium, technical and technological teachings: teaching professionalization", making public the essay "Teacher Training According to the Regulation of Technology Courses" held in the city of São Paulo, on May 20th and 21th; and, the "IV National Seminar on Professional and Technology Education – IV SENEPT 2014 ", held on the premises of CEFET of Minas Gerais, in Belo Horizonte, on September 15th and 17th, showing three assays: "Dissemination of innovative practices between science and technology in the curriculum of technology courses"; "Regulatory legislation of technology courses"; and "CEETEPS: a history of development of São Paulo".



The main objective of GECOM, the dissemination and discussion of Complex Thought as a possibility for the introduction of new methodologies of teaching and learning in the courses of technology, is also reaching new horizons with regard to production and publication of scientific papers of importance in the academic field of technology courses. The objectives for the first half of 2015, aim to create a virtual group so that other teachers, even if not part the faculty of Fatec Itapetininga, can participate and contribute in matters relating to the implementation of new methodologies and innovative pedagogical actions.

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