

BIOGRAPHIC NOTE

Born on 19th of July 1920 in Tatar-Copceac commune from Basarabia, academician Gleb Drăgan graduated “Stefan the Great” High School from Tighina town and then he received the engineer diploma with *Magna cum Laude* mention, at Polytechnic Institute from Timișoara.

One year after graduation he comes at Bucharest, starting his activity by working at *Electrical and Gas Society*. At *Electrical Energy Industrial Station*, the young engineer Gleb Drăgan makes proposals and he is deeply involved in the standardization of the distribution electrical networks. Based upon his activity in the distribution networks construction field he publishes the study: *Assembling Electrical Distribution Networks*, having as authors: N. Gheorghiu, G. Drăgan, P. Vicol, P. Militaru. The scientific level of this paper and the introduction in the study of the technical specifications were well appreciated by the minister of Electrical energy, eng. Gaston Marin who imposed that distribution electrical networks had to be design according to the technical instructions mentioned in this paper.

Between 1947–1949 eng. Gleb Drăgan and eng. Livizeanu designed the first 110kV line from Romania, the Cluj – Câmpia Turzii line. On this occasion, in Romanian language was introduced the terminology referring to the insulating chains, by translating and adapting the German terms.

It is a start in the cognitive terminology domain, domain in which acad. Gleb Drăgan will have an intensive activity by coordinating the elaboration and the publishing of many dictionaries about electrical engineering, power engineering and environment.

At the moment, acad. Gleb Dragan is the president of Romanian Academy Terminology Commission for Exact Sciences. This Commission has as one of its main purposes the printing of multi-languages explicative dictionaries, which should contribute to the correct terminology establishment in the exact sciences domain.

Among the contributions of acad. Gleb Drăgan in the electrical energy domain, here are the most important ones:

- coordination of Country Electrification Plan, between 1952–1953;
- the determination of the conductor computation criteria due to the frost covering between 1949 and 1950; it is for the first time, when in our country there is defined the computation thickness of the frost layer from the electrical lines based on the accident caused by the frost layers and data referring to the intensity and distribution of the frost, obtained from the Meteorology National Institute.

– Establishing the isokeraunicity areas of the country, between 1952 and 1955; the knowledge of these areas was useful for electrical lines design, for lightning over-voltages computation.

– The set up of the High Voltage Technique specialty (HVT).

– Successful didactic and research activity, by teaching hundreds of students, many of them becoming engineers with important jobs and performances in national and international institutions; he becomes PhD supervisor and the manager of many scientific research projects and themes.

In 1954, acad. Gleb Drăgan sets up the first High Voltage Technique laboratory for his students to receive the best knowledge from the experiments. This laboratory was functioning in the old Politehnica, from Polizu Street.

With PNUD-UNESCO help, in 1962, the High Voltage Laboratory from the new building of Politehnica of Bucharest was finished.

To set up this new and modern laboratory, acad. Gleb Drăgan and the professors collective from the Power Engineering Faculty were supported by prof. C. Dinculescu, rector at that time of University Politehnica of Bucharest and by the Electrical Energy Ministry.

Created as having the main purpose the didactical one, the High Voltage Laboratory of University Politehnica of Bucharest is the biggest one of its kind in our country. Here many studies took place both for Romanian and foreign institutions.

In 1965, appeared the first HVT laboratory reference book, elaborated by prof. Gleb Drăgan. As author and coordinator in the High Voltage Technique domain, acad. Gleb Drăgan published a total of 26 books and more than 200 scientific papers, from which 63 abroad. At the same time, one should mention that the first High Voltage Technique Treaty, in 3 volumes was published in 1987 and 1988 having as authors: G. Drăgan – vol. I and G. Drăgan, N. Golovanov and S. Coatu – vol. II and III as well as the High Voltage Technique Treaty published in 1996 (vol. I), 2001 (vol. II) and 2003 (vol. III), coordinated by G. Drăgan.

The professional activity of acad. Gleb Drăgan includes also the internationally collaboration with specialist from prestigious universities:

– Electricité de France (1972–1988),

– Leeds University (1975–1982),

– University di Roma at Sapienza – Italia (from 1992 up to now),

– Bologna University – Italy (from 1998 up to now).

Acad. Gleb Drăgan has a sustained activity in CIGRE, and his professional concerns refer to the whole electrical energy domain, working with important institutions such as: IRE, Transelectrica, Electrica, APER, AGIR and many others.

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