

FEDERATION EUROPEENNE D'ASSOCIATIONS NATIONALES D'INGENIEURS

FEANI

PORTO

1981

SEMINAIRE

LA FORMATION SCOLAIRE ET PROFESSIONNELLE
DES INGENIEURS ET TECHNICIENS

Point de vue de la profession

SEMINAR

ACADEMIC AND PROFESSIONAL EDUCATION /
/ TRAINING OF ENGINEERS AND TECHNICIANS

From the professional point of view

SEMINÁRIO

FORMAÇÃO ACADÉMICA E PRÁTICA DOS
ENGENHEIROS E DOS TÉCNICOS

Ponto de vista da profissão



PORTUGAL

POSTGRADUATION AND CONTINUING EDUCATION IN THE
DEPARTMENT OF MECHANICAL ENGINEERING, UNIVERSITY OF PORTO

VASCO SANCHES DA SILVA SÁ . ROGÉRIO A. FERNANDES MARTINS
JOAQUIM F. SILVA GOMES . PAULO M. S. TAVARES DE CASTRO

POSTGRADUATION AND CONTINUING EDUCATION IN THE DEPARTMENT
OF MECHANICAL ENGINEERING, UNIVERSITY OF PORTO

Vasco Sanches da Silva Sã*
Rogério A. Fernandes Martins*
Joaquim F. Silva Gomes*
Paulo M.S. Tavares de Castro*

Abstract

The need for stronger links between engineering schools and industry is discussed. The role of postgraduate courses and of short courses in developing those links is emphasized.

A postgraduate MSc course on Structural Engineering, organized by the Department of Mechanical Engineering, University of Porto, starting October 1981, is presented, and the previous experience of this Department in the field is described

The curriculum of this postgraduate course is compared with curricula of similar courses of foreign universities, and the collaboration of academics from british, french, and american universities is emphasized.

A short review of initiatives of this Department in the field of short courses is carried out.

The relevance of the initiatives in the context of the present situation of Portugal is discussed, particularly taking into account the future membership of the EEC.

* Departamento de Engenharia Mecânica, Faculdade de Engenharia da Universidade do Porto, Rua dos Bragas - 4099 PORTO CODEX.