



PUC-RIO AND TEXAS A&M WORKSHOP

Future of Engineering Education

Recent History of
Engineering Education
in Brazil



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**Start of the
“Recent” History**

1995 – REENGE Program

- Influence of the NSF backed coalitions;
- Necessity of structural modifications;
- Relevance of the establishment of the triple helix environment (Government, Productive Sector and University).

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First Results

- Establishment of a community of professors interested in Engineering Education;
- Internationalization of activities;
- Reinforcement of ABENGE (Brazilian Society for Engineering Education) and COBENGE (Brazilian Congress of Engineering Education);
- Definition of a new curricular paradigm, in collaboration with CONFEA (Federal Council of Engineering and Agronomy).

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Others Results

- Organization of the International Conference on Engineering Education in 1998;
- Organization of the Global Colloquium on Engineering Education in 2002;
- Development of several Projects on Engineering Education involving more than one Institution.

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Main Present Problems

According to ABENGE

- Difficulty to accept Engineering Education as an important Academic theme;
- Education reinforced by Academic aspects with small presence of practitioners and the productive section;
- Professors being evaluated mostly by research results;
- Difficulties to adjust to a National development model based on the production of commodities.

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Thank you!

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