A Miniaturized Model of the Industrial Solid Material Process Control Plant

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How to create a RELEVANT Engineering Higher Education System







INDUSTRIAL PLANTS:

- Mostly extracting natural resources
- Mostly involvng solid material processes

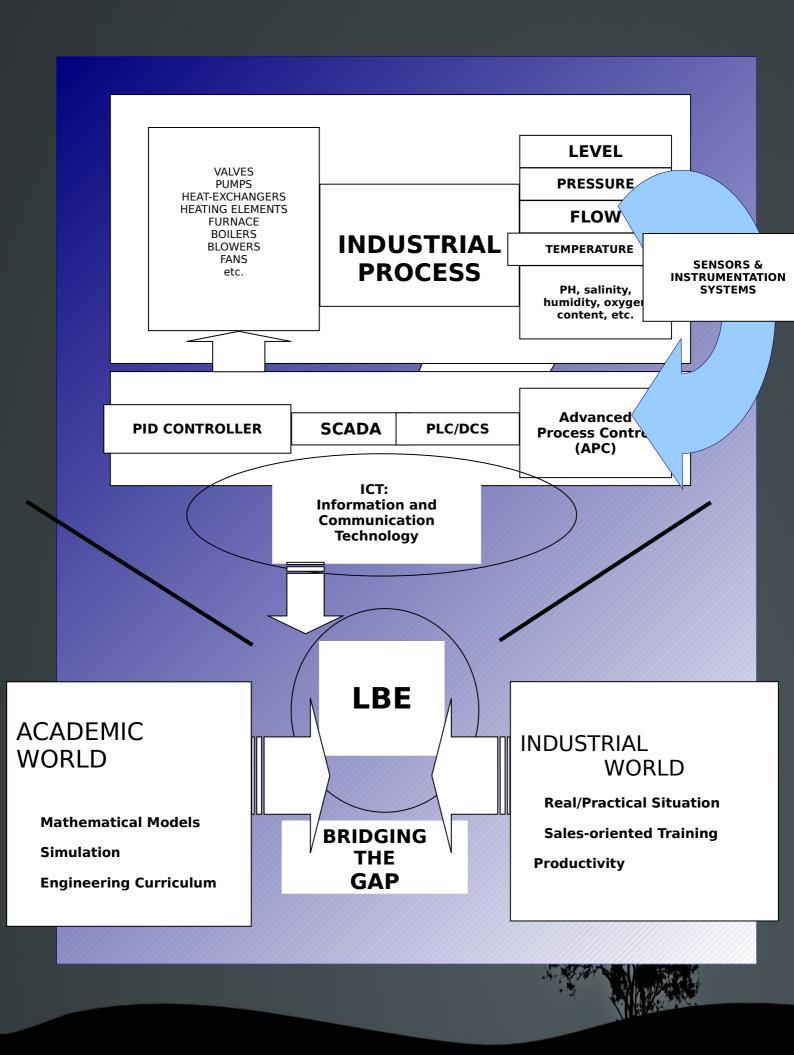
Examples:

- Mining industries: oil, coal, nickel, coper, silver and gold.
- Cement industries
- Flour milling and packaging
- Agro-industry: rise, cacao, coconut, corn, etc.
- Electrical Power Plants

Problems:

- R & D and training facilities N/A in industral sites
- Higher education system only serves ACADEMIC purposes





Available in the MARKET, laboratory equipment for PROCESS CONTROL TECHNOLOGY:

Miniaturized (iconic, scaled model) PLANTS (processes) involving

LIQUID and GAS

NON- AVAILABLE
Miniaturized PLANTS
involving

SOLID MATERIALS



The Preliminary DESIGN of a MODEL PLANT:

