

## **Curriculum Vitae - Eng Rosaura Piccoli, MSc - Technical Coordinator**

Graduated in Chemical Engineering at Universidade Federal do Paraná (1987), with specialization in Didactic and Teaching Methodology of Undergraduation Program at UNESC (1995), undergraduation in Special Program of Pedagogical Education at Universidade do Sul de Santa Catarina (2005), Master in Science and Materials Engineering at Universidade Federal de Santa Catarina (2005), and currently Ph.D. in progress in the Program of Science and Engineering Materials at Universidade do Federal do Estado de Santa Catarina.

She works for SENAI/CTCmat Materials Technology Center in Criciúma/SC. She has experience of 27 years working with ceramics, emphasizing on the following topics: traditional and advanced ceramics, ceramic raw materials, composition of ceramic body and ceramic manufacturing process.

Also eight years working in the field of polymers, with emphasis on characterization of mechanical, chemical, thermal and development of new products.

She is the technical responsible for LDCM - Laboratory Development and Characterization of Materials, research and funding raising, also has developing several projects in the area of recycling industrial waste.

Coordinates the implementation of the SENAI Institute of Technology in Material in SENAI Criciúma and also is an university teacher at UNIBAVE - Centro Universitário Barriga Verde teaching disciplines in Ceramic Engineering course since 2008.

### **Briefing of SENAI/SC**

National Industrial Apprenticeship Service (SENAI) was established in 1942 to train skilled workers for Brazil's fledgling industrial sector and is today Brazil's leading provider of vocational education and industrial technology solutions. In Santa Catarina State (SENAI/SC) was established in 1954 and it is an entity of the FIESC (Industry Federation of Santa Catarina) System and it has the mission of raising the competitiveness of the industry by developing skills through Professional Education and Technical and Technological Services, committed to innovation and the country sustainable growth.

The main performance of SENAI/SC is focused on the secondary sector of the economy, highlighting the industries of food, automotive, electromechanical, automation and information technology. The workforce of SENAI/SC is summarized in 3,380

employees and 186 trainees. The infrastructure includes 43 units permanent units, 9 mobile, 1,180 training laboratories, 13 laboratories for third party services.

SENAI/SC has qualified more than 1,860.000 employees in the state, providing professional education in different levels such as: Professional Vocational Training, Professional Apprenticeship, Technical Courses, High School combined with Technical Course, Undergraduation in Technology Courses, Post-Graduate Courses. Also provides Technical and Technological Service (consultancy) in Production Process, Business Management Consulting and Applied Research, also SENAI/SC is responsible for an implementation of 8 Institute of Technology and 2 Institute of Innovation in the state to support the local industry competitiveness.

Presentation Theme:

SENAI SC's Projects in nanomaterials and advanced ceramics

Topics:

1. Presentation of the most relevant Masters and Doctoral Research that were developed in SENAI / Criciúma
2. Ongoing projects with emphasis on nanomaterials and prospecting for new development involving composite materials