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SENAI TECHNOLOGY INSTITUTE OF PULP & PAPER

Senai's Institute of Pulp & Paper Technology provides metrological, technology consulting and applied research services to the Brazilian pulp and paper industry, in accordance with international standards of excellence.

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LABORATORIES

Laboratories are oriented towards the analysis and treatment of raw materials, paper manufacturing processes, new materials research and waste recovery.

Central Laboratory

- Papermaking
- Physical Tests
- Chemical Tests
- Processes
- Instruments
- Cellulose manufacturing and pulp bleaching
- Microbiology
- Microscopy

Advanced Laboratory

- Pulp and paper – SINPACEL in Curitiba, Paraná



CONSULTING SERVICES



PULP AND PAPER

- Preparation for FSC Certification
- Forest inventory
- Equipment sizing
- Process variables study
- Alternative pulping processes
- Product Quality evaluation
- Process optimization
- Production process layout optimization





TECHNOLOGICAL INNOVATION

Research and studies in the following areas:

- **Nanotechnology**
- **Biotechnology**
- **Fibrous raw materials**
- **Alternative pulping processes**
- **Studies of new bleaching sequences**
- **Development of products to accelerate cooking processes**
- **Development of products for the paper field**
- **New formulations of paper coating inks**
- **Study of contaminants, dirt and buildup in the pulp & paper manufacturing process**
- **Study of the pulp washing efficiency**
- **Applied research to improve the pulp cleaning efficiency**
- **Improvement of cooking and bleaching parameters**
- **Study of the wet chemistry**
- **Formulation of new recipes**

FOR FURTHER INFORMATION, CONTACT:

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