Inatel

Leonardo Maia – International Affairs Advisor
Mário Ferreira – Continuing Education Manager

Inatel

1965

Instituto Nacional de Telecomunicações
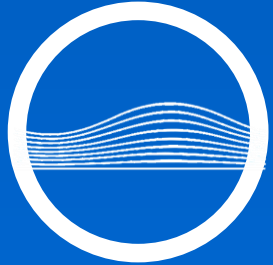
Foundation maintained by a non-profit organization

First graduation course focused in Telecommunications Engineering of Latin America

Graduating professionals of excellence in the last 50 years

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Santa Rita do Sapucaí | MG

"Vale da Eletrônica"

+40 mil Inhabitants

~USD 1 billion revenue (technology companies)

+14.000 products

+150 companies in electro-electronic area

+10.000 Employees

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Santa Rita do Sapucaí | MG

São Paulo | SP
WTC - World Trade Center – 18th floor

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Campus Santa Rita do Sapucaí | MG

Education

Graduation

Postgrad

Masters Degree

Face to Face and Distance Learning Continuing Education

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Graduation

- Biomedical Engineering

- Computing Engineering

- Control and Automation Engineering

- Telecommunications Engineering

- Technologist in Automation

- Technologist in Telecommunications Management

- Technologist in Data Communications

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Masters

Masters Degree in Telecommunications

Areas of Research:

- o Digital Broadband Communications Systems
- o Cognitive Radios and Networking
- o Electromagnetism applied to Telecommunications
- o Packet Data Networks
- o Optical Communications
- o Radar and Telecommunications Antennas

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Areas

Academy

Business

Government

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Awards

National "Inovative Entrepreneurship Prize " 2014

Prize "SET 2013"

Trophy "Tele.Síntese 2013 Destaques Inovadores"

Two times awarded "Santander Best Universities 2013 e 2015"

Prize "Finep innovation 2012"

Center of Reference in Radio communications – Brazilian Ministry of Communications
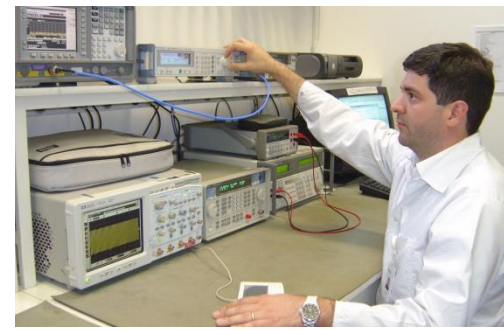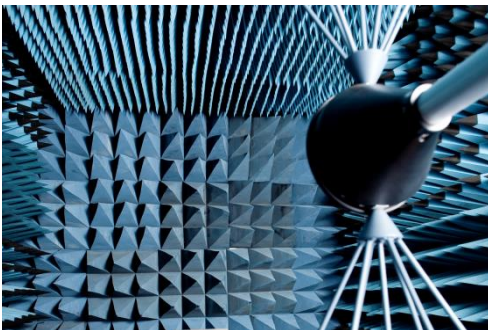
Inatel Competence Center

Software Development Lab

Mobile Software development Lab

Continuing Education Lab

ANATEL

AsGa

ativa
SOLUÇÕES

Banco do Brasil

bematech

BNDES

BRADAR
EMBRAER DEFESA & SEGURANÇA

Chesf

CISCO

CLAMPER®

Claro

CNPq

CPFL
ENERGIA

DIMEP
SISTEMAS

DIXI

KLD BIOSISTEMAS

KHOMP
www.khomp.com

Leucotron
TELECOM

LG
Life's Good

M2M
TELEMETRIA

MAXTRAC
The Suspension Factory

MMO
Equipamentos Opto-Eletrônicos

MODULUS

MRN
Mineração
Rio do Norte

MULTILASER

NCC

nic.br
Núcleo de Informação
e Coordenação do
Ponto BR

Oi

Panasonic

Photon

PIXEL TI

PRÁTICA
TECHNICOOK · TECHNIPAN

PrimeTech

PRO
ELETRONIC

Provisuale
Organizadora do Futurecom

Continuing Education Services

Some services offered to our partners

- Consultancy in Digital Cities
- Consultancy in Job Task Analysis and Competence Gap Analysis
- Face do Face and Distance Learning Trainings
  - Mobile Communications
  - Data Networks
  - Radio Communication Systems
  - Satellite Communications
  - Digital Television
  - Optical Communications
  - Software and Hardware Development
  - etc

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Activities as a CoE for Digital BroadCasting - 2015

First class of "Sistemas de TV Digital Training" for ITU in Spanish
- This training has been offered to the market since 2011 using our platform
- The first time we adapted it to run in partner's platforms was in 2013 (joint effort with ITU in Mozambique)
- First class in Spanish running in our platform – 1s 2014
- First class in ITU's platform – 2s 2015

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Activities as a CoE for Digital BroadCasting - 2015

Lessons Learned – by our Instructional Design Specialist's point of View

- We should ensure that all the students are enrolled in the class before it begins
  - The instructor uses the first week of our trainings (introduction to the platform) for better learning student's needs individually
- The interaction using the Forum environment could be more encouraged, since some students prefer interacting directly with the tutor by email (which doesn't stimulate the communication between the students)
- Some improvements to ITU's platform, which sometimes shows slow performance and instability
- Stimulate the students participation in the evaluation activities, so there'll be more feedback on the training

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Activities as a CoE for Digital BroadCasting - 2015

Lessons Learned – by our students' point of View

- Offer more time for the students to study each module
  - Some student's workload seems to impact the dedication on the training (recommended from 5 to 10 hours weekly)
- Offer more multimedia content (specially videos of case studies)
- Emphasize more the prerequisites

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Activities as a CoE for Digital BroadCasting - 2015

Actions being taken for 2016
- New pricing strategy (The dollar is rising against most currencies)
- The material is being reviewed by other Engineers (Spanish native speakers)
  Although the material was translated by a Spanish native speaker, it wasn't reviewed
- Our instructors are being helped by three exchange Post Grad students that are from Spanish speaking countries
  - Even though our instructors have knowledge of Spanish, they're not proficient
  - This action will improve the level of interaction between them and the students
- We should try not to accept late registrations to improve student`s integration (the first week of the training is focused on these activities)

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Activities as a CoE for Digital BroadCasting - 2016

Trainings being offered in 2016

- Inatel as a CoE proposes offering the following distance learning trainings in 2016:
  - Sistemas de TV Digital (Español) 65 hours – 13 Weeks
  - Sistemas de TV Digital (Portuguese) 65 hours – 13 Weeks
  - TV Digital Avançado (Portuguese) 70 hours – 14 Weeks
  - Comunicaciones por Satelite (Español)* 55 hours – 11 Weeks
  - Comunicações por Satélite (Portuguese) 55hours – 11 Weeks

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