POSTS AND TELECOMMUNICATIONS INSTITUTE OF TECHNOLOGY

The leading ICT Institution in Vietnam

VNPT

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- Gioi thieu tom tat ve vai tro, vi the cua Hoc vien trong Dao tao va Nghiên cuu tai Vietnam

- 3. Dinh huong nghiên cuu toi day cua Hoc vien va cac chuan bi, cac viec HV dang lam

- 4. Cac van de,noi dung, hinh thuc... ma HV mong mupn họp tac voi cac don vi, to chuc khac.

PTIT AT A GLANCE

PTIT AT GLANCE

- Founded in 1997
- Member of Vietnam Posts and Telecommunications Group (VNPT)
- PTIT plays an important role in HR & technology development for ICT industry of Vietnam:
  - Providing HR with technology-oriented approach
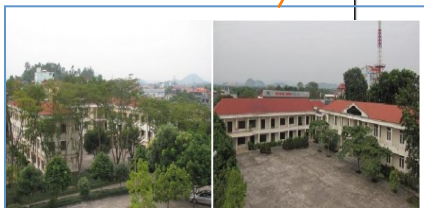 - Providing Hi-Tech R&D products, Techno-economics solutions…

LOCATIONS

Headquarter

RIPT - HANOI

ERIPT - HANOI

CDIT - Hanoi

THAI NGUYEN CAMPUS

HANOI UNIVERSITY CAMPUS

PTTC1 – Hanoi

DA NANG CAMPUS

PTTC2 – HCM City

HCM City University campus

HEADQUART (Hanoi)

UNIVERSITY CAMPUSES

INTERNATIONAL SCHOOL
Hanoi

University campus in Hanoi
Hadong Dist. Hanoi

CAMPUS in Ho Chi Minh City

University Campus in Thai Nguyen City

University campus in Da Nang City

PHỐI CẢNH TOÀN KHU
TRƯỜNG TRUNG HỌC BƯU CHÍNH VIỄN THÔNG
& CÔNG NGHỆ THÔNG TIN II

VISION

TO BE THE LEADING UNIVERSITY IN THE FIELD OF INFORMATION AND COMMUNICATION TECHNOLOGY; AN R&D CENTER INTEGRATING WITH THE EDUCATION AND SCIENCE COMMUNITY; A RELIABLE PARTNER TO COOPERATION AND INVESTMENT AIMING AT CONTRIBUTING FOR VIETNAM'S PROSPERITY

MISSION

Coordinating research activities and education activities to meet the reality of business

Contributing to rapidly reach Vietnam P&T's strategic goal by meeting the P&T's needs of technology and human resources

A new model to effectively do education and research keeping pace with VN P&T's development strategy

A new model to bring into full play the resources from enterprises investing for research and education in the situation of Government's limited budget

ACTIVITY

- Focus on **R&D** and **Education, Training**

- Specialize in **IT, Telecommunication, Electronic, Multimedia, Economics**

- Total employees: **921** including **340** researchers and **280** professors and lecturers

EDUCATION AND TRAINING

Advanced Diploma	Engineer/ Bachelor	Master	Ph.D

Telecommunication

IT

Electronics

Business Administration

Accounting

Multimedia

Information Security

Marketing

* Full time
* Part time
* E-learning
* Distant learning

FLOW OF STUDENTS: 28.067

COOPERATION ACTIVITIES

Cooperation in Education

- **Joint international program**
- **Dual Degree**
- **Student Exchange**
- **Lecturer Exchange**
- **Credits/ curriculum Exchange**
- **Virtual**

Cooperation in Research

- **Joint R&D programs**
- **Experts Exchange**
- **Joint Conference/ Forums/ Seminars**
- **Joint Publications**

INTERNATIONAL COOPERATION

- **World-wide relation with uni rd ope, such as…**
- **Member of org such as…**

- **Partners in Education**
  - **Waseda University, Japan**
  - **University of Aizu, Japan**
  - **Moscow Technical University of Communications & Information (MTUCI), Beijing University of Posts & Telecommunication (BUPT), China**
  - **NiCT, Japan**
  - **NIA, ETRI, Korea**
  - **ARM, UK**
  - **The College of Staten Island, The City University of New York**
  - **TU-Ilmenau, German**
  - **SBA/COMET, Austria**
  - **ENSSAT, France**

- **Partners in Research**
  - Nokia
  - Microsoft
  - Cisco System
  - IBM
  - NTT
  - Huawei
  - HP
  - Oracle

R&D MISSION OF PTIT IN VIETNAM

R&D VISION

- "To be the leading ICT R&D Institution and bring Vietnam to catch up with developed countries in region and over the world "

GOVEMENTAL ROLE

PTIT is in charge of building national policies, regulations, standards and specfications for Vietnam in ICT Sector (under the approment of Vietnam Ministry of Information and Communication) especially

– Mobile Network

– Information Security

– Software Engineering

– Digital Content

– …

SOCIAL ROLE

1. PTIT is one of the biggest R&D organization in ICT in Vietnam and has contributed many products and services for Vietnam ICT Market. The highlighted products:

– Digital Switching System

– Softswitch System

– EPC Core Network of 4G LTE Mobile

– Next Generation Network Entities

– …

SOCIAL ROLE

2. Basing on R&D experience, PTIT is an confidential consulting and technology transfering organization in ICT Field, especially for telcos (eg. VNPT,…) in Vietnam:

– Network Plan and Optimization

– Network and Enterprise Information Security

– Investment new technologies

– ICT policies for developing epecially start-up companies

– …

MAIN R&D AREAS

PTIT focusing mainly on:

– Network Plan and Optimization, especially mobile

– Next Generation Network and Services for Telecommunications market

– Network and Enterprise Information Security and QoS

– Investment new technologies

– Over-The-Top Multimedia Services

– Bio-Informatics

– …

R&D ORGANIZATION IN PTIT

- Including 3 institutes

ICT	Telecoms	Bussiness
• Outsourcing • Consulting • Developing and customize • Technology Transfer	• Consulting • Developing and customize • Testing	• Consulting • Market Research and analysis

R&D ACTIVITIES

- **PTIT author one of the main highest ranking journal in ICT Field in Vietnam**

- **Joining as the chair and co-chair of the national and international conferences (ATC, REV,…) in Vietnam**

PERSPECTIVE R&D COOPERATION

New position of PTIT in the near future

– In the near future, PTIT nominate the new importanl roles as a subsidiary members of Ministry of Information and Communication of Vietnam as an assignment of Vietnam Govement

R&D Trends of PTIT

- To catch up with the ICT factor development, in the near future PTIT will:
  - Moving to bigger social market beside traditional (govemental) areas.
  - Actively supporting the education missions of PTIT. Especially in creating and opening new majors.
  - Extend the R&D Activities on some challenged trends:
    - The transition from standards to non-standards in ICT sector (OTT, CaaS,…) and the existences of standardization organizations
    - "Green" tecnologies
    - Multimedia Contents
    - …

Perspective Cooperation Areas

- R&D is one of the weakness of siences and technologies sector in Vietnam, especially in Vietnam

- Our cooperations has not reach the potentials

- We would like your help to promote the development of ICT in Vietnam

Thank You !