Passerelles
Numériques
A Gateway for Life

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Passerelles numériques Vietnam
A GATEWAY FOR LIFE

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CONTEXT

The COVID-19 pandemic has created a disproportionate impact on the most disadvantaged groups in our society. The UNDP report recorded in April 2020 shows that the proportion of **households living below the poverty line increased from 11.3% to 50.7% due to the COVID pandemic**. With 55.5% of Vietnam's population under 35 years old, we believe that today's generation has the best chance to end poverty and serve as an engine for the global fight against inequality. However, despite efforts to eradicate poverty in the country, **over 50% of young adults aged 16 to 20 still lack education.** The main reason for under-education is financial difficulties.

In today's age of the fourth industrial revolution, there is a great opportunity that IT education as one of the solutions to reduce poverty. IT graduates have higher chances of securing long-term and decent-paying jobs compared to other specializations. But there is still a huge gender gap between men and women in this industry. In Vietnam, **only 6.87% of employees in the technology industry are female**, based on the market report in 2020.

This further motivates us to continue conducting our mission of enhancing educational diversity and digital inclusion in society in Vietnam.

WHO ARE WE?

Passerelles numériques (PN) is a non-governmental organization with vocational training centers in Cambodia, the Philippines, Vietnam, and Madagascar. Our mission is to help underprivileged youth escape poverty sustainably through knowledge and skills training in the digital industry by maximizing their potential and willpower. PN's goal is that 90% of our graduates not only become qualified IT engineers, but also model citizens, contributing to the development of their families, communities, and local societies. PN also aspires to limit gender disparities by ensuring that at least 50% of our annual first-year students are female.

Passerelles numériques Vietnam (PNV) is a French NGO, established in 2010 in Da Nang, with a license to operate in Vietnam issued by the Department of Foreign Affairs - Ministry of Foreign Affairs. Every year, PNV offers a free 3-year IT training program at our center for underserved young people aged 18-23 in Central Vietnam. All training, accommodation, and living expenses of our students are covered by PNV. Upon completion of the program, students receive a College Diploma from Danang Vocational College (DanaVTC) and an International Certificate from Passerelles numériques.

21,020,963

is the monthly average wage
of PNV alumni (VND), about 876USD

669

direct
beneficiaries

454

alumni

2,000

indirect
beneficiaries

95%

graduates have
qualified jobs

86%

alumni working
in the IT sector

81%

alumni financially
supporting their families

5,029,703

sent back to their families by the alumni monthly
about 24% of their incomes (VND) ~ 209USD

MORE THAN A DECADE OF POSITIVE SOCIAL IMPACT IN VIETNAM

Since **at least 50% of our students are female and more than 87% of our female former students are still working in the IT sector**, we have also positively impacted gender equality in the high-tech industry. A part of our alumni's income is spent to support their families and sustainably lift their families out of poverty in various fields (education, healthcare, daily expenses, and business growth). Moreover, as **54% of our graduates have been financially supporting their own family members' higher education**, we indirectly guarantee the inclusive and equitable quality of education and promote lifelong learning opportunities for all segments of society.

Statistics based on Social Impact Survey conducted in March/2024.

RECOGNITIONS

For more than a decade, PNV's outstanding contributions to the advancement of the underprivileged communities, local talents, and the region's economy were officially recognized with:

Vietnam Association for Promoting Education (VAPE)
Medals - For the Study Promotion (2015)
Certificate of Merit (2016)

The People's Committee of Danang
Certificate of Merit (2015)
Certificate of Merit (2016)
Certificate of Merit (2021)

The People's Committee of Quang Nam
Certificate of Merit (2015)
Certificate of Merit (2016)
Certificate of Merit (2017)
Certificate of Merit (2023)

The People's Committee of Quang Ngai
Certificate of Merit (2022)

The Service Center for Da Nang Foreign Affairs (SCEDFA)
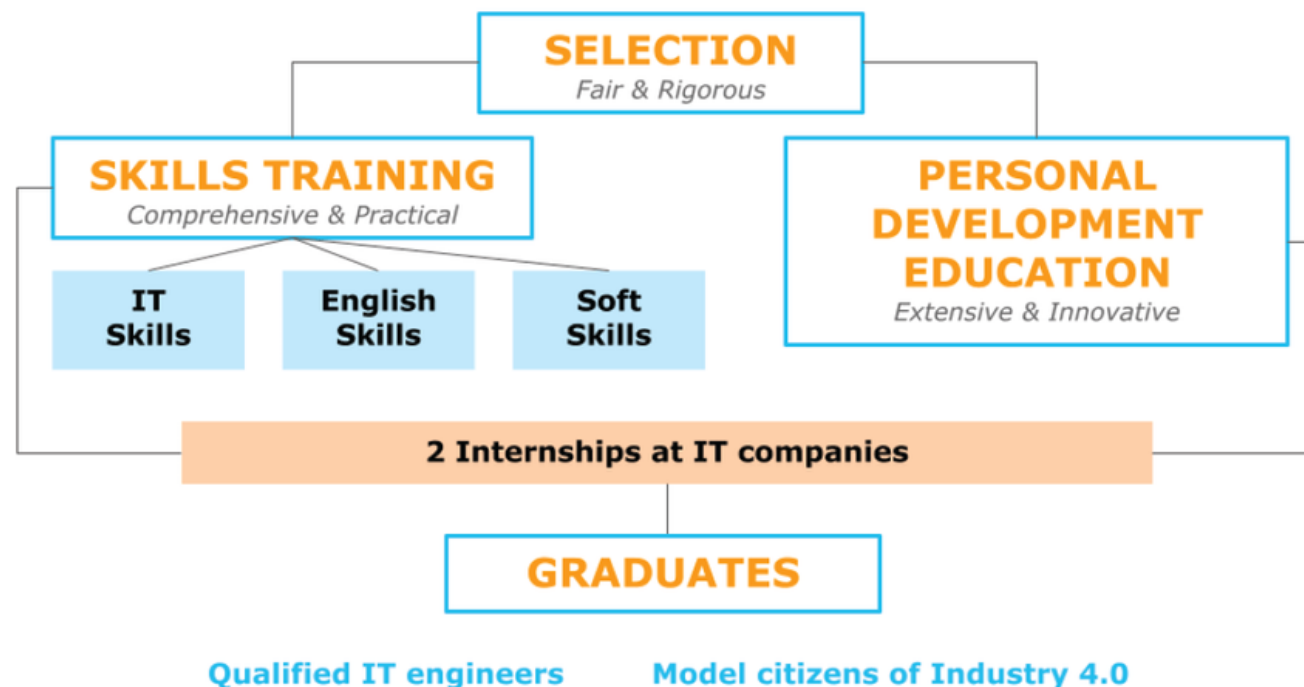Certificate of Merit (2021)

American Chamber of Commerce in Vietnam
2022 AmCham Vietnam ESG Impact Awards - Excellence in Social Impact

OUR FUNDAMENTALS

PNV is the only NGO in Vietnam that provides a 3-year vocational training program. In collaboration with Da Nang Vocational College (under the Ministry of Labour, War Invalids and Social Affairs), PNV's curriculum offers not only an innovative but also a comprehensive view of students' development in the age of industry 4.0, including technical skill set, language skills and transformational skills.

After 3 years of training, students receive a Diploma from Danang Vocation College (DanaVTC) and an International Certificate from Passerelles numériques.

A RIGOROUS SELECTION PROCESS

Each year from January to August, the PNV selection team completes a rigorous, four-step process across Vietnam, mostly in **7 provinces of the Central area**. Besides Danang Vocational Training College, we also collaborate with local Study Promotion Associations as well as high schools and other partner NGOs to facilitate the process in accordance with local laws and customs.

Quảng Bình

Quảng Trị

Đà Nẵng

Quảng Nam

Quảng Ngãi

Kon Tum

Bình Định

INFORMATION SESSION
to conduct career orientation in the IT sector, and to introduce our scholarship program

WRITTEN EXAM (in Logic, Maths & English)
to check the applicants' abilities

1-1 MOTIVATION INTERVIEW
to assess each applicant's motivation, maturity and mindset

SOCIAL INVESTIGATION
to evaluate the family's resources and validate their eligibility. Only the poorest are admitted.

A special effort is also made to include at least 50% young women in each class.
However, our main priority is given to the poorest students, especially from ethnic minorities and remote areas, irrespective of sex or gender identity.

OUR SELECTION PROCESS *AT A GLANCE*

10+ years
since 2013

18,848
participants
from the first round

1,713
youths in the remote areas of Vietnam benefited
from our selection process every year (on average)

During the Information Sessions in high schools in remote areas, we conduct **career orientation for the students** to raise awareness about the importance of tertiary education in eradicating poverty and hunger. More importantly, we **encourage female students to pursue higher education** and apply for our program by showcasing the statistic that women are as equally competent at studying IT as men, and it is easy to find a decent job with IT qualifications in the digital era.

We also visit candidates' families in person during the Social Investigation to convince parents to support their children in pursuing vocational training instead of early marriage and low-paying manual labor.

A HOLISTIC & INTENSIVE
3-YEAR TRAINING PROGRAM

Up-to-speed Crash Course
1 semester = 497 periods from September (year 1) to January (year 1)

IT
• Intro to Computer & Windows Admin
• Microsoft Office tools
• Sratch Project
• Computer Architecture and Operating Systems
• Intro to Programming (Python)

English
• Intensive English
• Intro to Communicative English

Soft skills
• Learning to learn (LtL)
• Email Writing
• How to: Presentations
• How to: Reports

Core Training
4 semesters = 1893 periods - January (year 1) to June (year 2) + September (year 3) to January (year 3)

Semester 2 510 periods	**Semester 3** 460 periods	**Semester 4** 420 periods	**Semester 5** 503 periods
• Basic Database (MySQL) • Data Structure & Algorithm (Python) • Network Fundamental • Object Oriented Programming (Java)	• Advanced Java Programming (Android) • Basic Web Design (HTML-CSS-JS) • Basic Web Programming (PHP) • Advanced Database (SQL) • Basic Web Project	• Information System Analysis & Design • Advanced Web Design (ReactJS) • Advanced Web Programming (Laravel) • Advanced Web Project • Visual Studio .NET	• Content Management System (WordPress) • Programming on Mobile (React Native) • Software Testing (Manual Testing)
• Advanced Communicative English 1	• General English 3	• Advancced Communicative English: Speaking 1 • Advanced Communicative English: Writing 1 • TOEIC Listening & Reading Preparation 1 • IT English	• Advanced Communicative English: Speaking 2 • Advanced Communicative English: Writing 2 • TOEIC Listening + Reading Preparation 2

• LtL Online Teamwork tools
• Critical Thinking
• Speech and Debate
	• LtL Online: Presenting Online
	• Communication: Expression & Active Listening
	• How to: find a job
	  - CV & Cover letter writing
	  - Applications
		• How to: find a job 2
		 - Understanding roles & positions
		 - Job interviews
		• Professionalism & Attitude
			• LtL Online: Seminars in Career orientation
			• Project Management
			• Entrepreneurship

IT

English

Soft skills

SPECIALIZATION
from January (year 3) to April (year 3)

PROFESSIONALIZATION
8 Weeks = 320 periods - June (year 2) to August (year 2)
20 Weeks = 800 periods - April (year 3) to August (year 3)

• On-the-job Training

• Specialization training program of Mobile, Web development, or Automation Testing in tech companies
• Graduation Project

Interwoven Modules - 555 periods

English Club (60 periods)	Physical Education (60 periods)	Law & Politics (120 periods)
Military Education (75 periods)	Developmental Activities (240 periods)	

Last update: Dec 2022

STUDENTS' REMARKABLE ACTIVITIES

Environmental Activities

Internship at Companies

Community Projects

IT Projects

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PERSONAL DEVELOPMENT EDUCATION

Throughout 3 years at PNV, our students are equipped with development activities to gain knowledge, skills, and abilities of **decent citizens in the 5.0 industrial revolution.**

First year

- *Vietnamese Culture*
- *Social Media*
- *Hygiene & Health Awareness*
- *Budget Management*
- *Teamwork*
- *Self-Development*
- *Motivation & Self-Discipline*
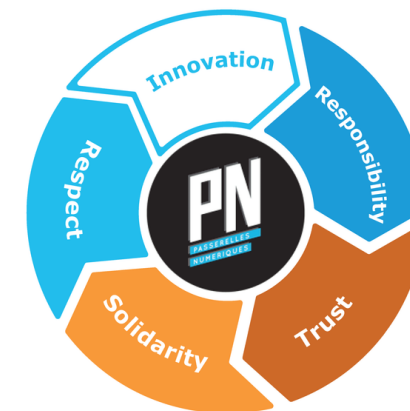- *Communication 1*
- *Questioning Skills*

Second year

- *Creativity: Application in the Professional Life*
- *Project Management*
- *Communication 2*
- *Time Management*
- *Problem Solving*
- *Stress Management*
- *Conflict Management*
- *Fundraising*

Third year

- *Community Project*
- *Self Management*
- *Goals Achieving*
- *Family Leadership*

To prepare our students to become mature and independent adults, we also include a personal development curriculum that revolves around **PN's 5 core values:**

PERSONAL DEVELOPMENT EDUCATION

When entering PN, our students **study at PN Center in Da Nang** with an independent attitude and can take responsibility for their own lives. Our students manage their own monthly allowance provided by PNV and divide their daily chores by themselves.

PNV students are educated in the spirit of community and sustainable development through assignments like fundraising projects, environmentalism, and community preservation.

At PNV, our specialized team is available to take care of students 24/7. Our students are closely monitored for both physical and mental wellbeings right after entering our center. Periodic assessments of individuals based on learning results, psychological development, and daily behaviors are performed on a monthly basis. We also provide psychological counseling in case of need.

INSPIRING STORY OF OUR ALUMNI

Ka Phu T.Y. is a PNV alumna - Class of 2014-2016. She's from the Co Tu ethnic group living in the mountainous area of Nam Giang, Quang Nam province. When she was in high school, her mother worked in the fields, went to the forest to pick peppers, banana buds, and more to earn a living. Yet, the life of her family was still suffering. Sometimes, T.Y. had to work as a hired laborer to earn food for the day. Her brother and sister-in-law just stayed at home and could not work while they cared for their own newborn child. T.Y's mother could not afford her higher studies, so she had to start working immediately after finishing high school. Fortunately, PNV came to her school to introduce a free IT training program, and she was selected.

Currently, T.Y. is working as a front-end developer at an American IT company in Ho Chi Minh City. She shared:

"It can be said that PNV has given me the gateway to transform myself, have a happier life, and become a useful person for my own family and our society. During 5 years of working, I've helped my mother pay off bank debt. I've also paid for medical expenses for the family, had our house rebuilt, and supported school fees for my nieces and nephews. In addition, I have also deducted 1-3% of my income for the charity in my hometown every month. PNV gave me the opportunity to change my life and made me become a useful person to society."

PNV ALUMNI ASSOCIATION (PNVAA)

Founded in 2012, PNV Alumni Association has been active since Fall 2014. Members of the PNVAA have organized many activities supporting PNV and our beneficiaries. PNV Alumni Association also closely accompanies the External Relations department in the guidance to employment programs (internship and job search), as well as fundraising activities on special occasions.

Alumni joined hands to repair the lab room that had been damaged by the storm in October 2020

Alumni donated warm blankets for their juniors to overcome the chilliness of winter in December 2022

Annually, alumni fundraise by selling lucky money envelopes and give Tet gifts to the juniors

Annual Football Championship held by PNVAA for alumni, students, and teachers at the center

JOIN HANDS WITH US FOR A BETTER VIETNAM

You can bring life-changing opportunities to hundereds of underpriviledged students at PNV and their families

Financial support

In-kind support: Learning equipment
- Computers (corei5, 16GB Ram, 128 SSD)
- Projectors

Offer soft skills and programming training to our students

Internships at companies

OPERATION OBJECTIVES
2023-2024

100% of PNV's final-year student graduate, with over 90% of graducates securing a stable job 2 months after graduation

Integrate at least 30 businesses in our "Corporate Social Responsibility" (CSR) program as sponsors for our non-profit educational project

Continue to award scholarships to 45-50 new students in our trainning program for the academic year 2023-2026

SPONSOR BENEFITS

Become a guest, judge or mentor for PNV students' startup or technological competitions

Invitation to visit PNV center and participate in events with students. Attend the graduation ceremoney of the final-year students.
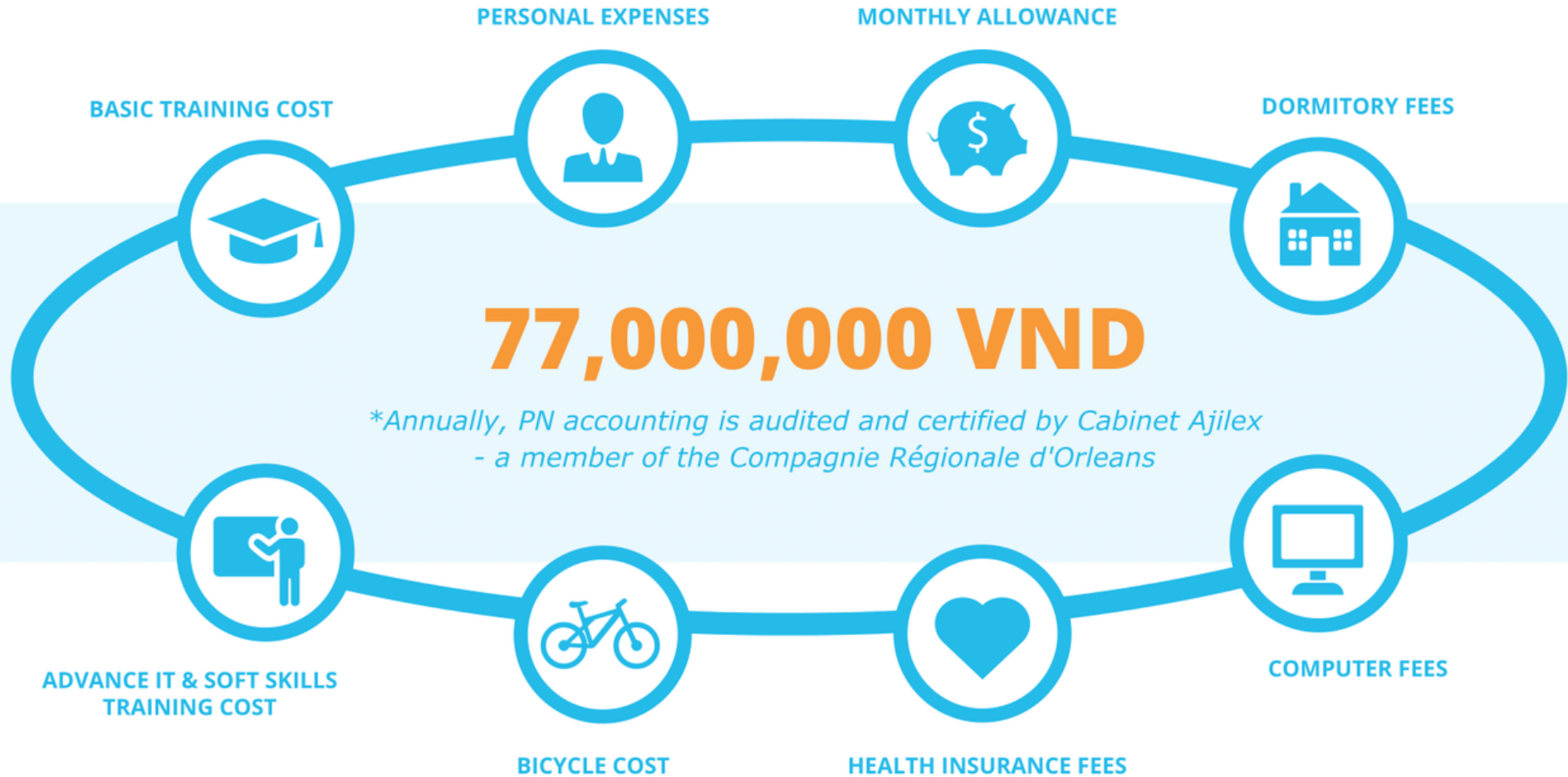
The sponsor's brand appears in the media of PNV Project, including the official Website and Fanpage

The advantage to have direct access to talented young human resources, including 433 alumni and 130 students studying at PNV

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EXPECTED COST FOR 1 STUDENT IN A YEAR

PERSONAL EXPENSES

MONTHLY ALLOWANCE

BASIC TRAINING COST

DORMITORY FEES

77,000,000 VND

Annually, PN accounting is audited and certified by Cabinet Ajilex - a member of the Compagnie Régionale d'Orleans

ADVANCE IT & SOFT SKILLS TRAINING COST

BICYCLE COST

HEALTH INSURANCE FEES

COMPUTER FEES

PNV ON MEDIA

INFLUENCERS SUPPORT PNV

PNV ON PRESS AND TELEVISIONS

PARTNERSHIP &
COMMUNITY ENGAGEMENT

With a strong belief that businesses and communities can be a solid and powerful force for good in the world, we are fortunate to have a wide range of long-term corporate partners, both locally and internationally. Every year, around 60 partner businesses participated in our social project through various CSV (creating shared values) activities, both in training students and sponsorship, proving and enhancing the viability and efficacy of our program. Up to 40 businesses are drawn to some of our most important annual initiatives, including internships and entrepreneurship.

Unfortunately, due to limited space, we are unable to include all of our fantastic partners here. Nevertheless, we would like to express our gratitude to them all and recognize a few of our long-standing partnerships here to present the many, many others that we are unable to display:

PARTNERSHIP & COMMUNITY ENGAGEMENT

500+
Individual donors

12+
Years of experience in digital & educational inclusion

400+
Volunteers
(experts and professionals)

140+
Corporate partners

66 PNV is a trusted organization providing education and career orientation for underprivileged students. Their mission is aligned with our CSR values of supporting the education of the young generation and gender equality throughout the digital industry. 99

Samuel Stevenin
General Manager
***Sparx* - a Virtuos Studio**

66 At NFQ, we really believe in giving back to society. For the past 4 years, we've been carbon neutral - we've recycled at the company. But I think this year PNV is our biggest and best way that NFQ can help the future of Vietnam and the youth of Vietnam. I love the fact that PNV reaches out to all the people - the unfortunate families, and educates the teens to give them a brighter, better future - not just for them but for the whole family. In fact, we have graduates of PNV working at NFQ, so I'm very happy and proud to be supporting PNV in this effort. 99

Rich Phạm
CEO
NFQ Asia

DO YOU KNOW? Previously, PNV's program only lasted 2 years for the Intermediate level (Trung cấp). In 2017, PNV upgraded our training program to the College level so that our graduates can have more competitive opportunities in the labor market.

Graduates | Class of 2010-2012

Graduates | Class of 2011-2013

Graduates | Class of 2012-2014

Graduates | Class of 2013-2015

Graduates | Class of 2014-2016

Graduates | Class of 2015-2017

OUR ALUMNI OF THE 3-YEAR TRAINING PROGRAM

Graduates | Class of 2016-2019

Graduates | Class of 2017-2020

Graduates | Class of 2018-2021

Graduates | Class of 2019-2022

Graduates | Class of 2020-2023
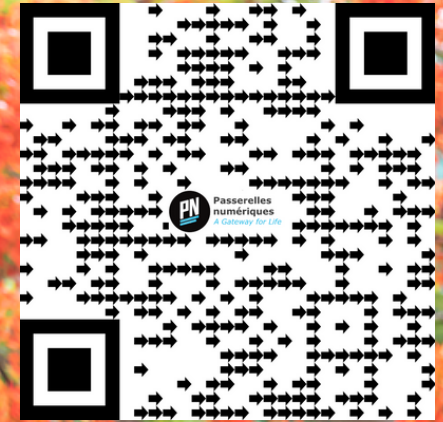
OUR CURRENT STUDENTS

Students | Class 2021-2024

Students | Class 2022-2025

Students | Class 2022-2026

PNV Staff

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