

Curriculum Vitae



1. **Full Name:** Phan Nguyen Ai Nhi

2. **Title of Institute:** Faculty of Mathematics and Computer Science,
Center for Educational Excellence (CEE), Center of Mathematics
Science (CMS) – VNUHCM-University of Science.

3. Academic and Professional Training

- B.Sc. Mathematics & Computer Science (VNUHCM – University of Science).
- M.A. Learning & Teaching (Anglia Ruskin University Chelmsford, England).
- M.Sc. International Vocational Education (Otto-von-Guericke University Magdeburg, Germany).
- Doctoral students (International PhD Program in Integrative STEM Education at National Taiwan Normal University, Taiwan).

4. Work Experience

- I've been researching on Service Learning (SL), STEAM Education, modern teaching methods, assessment techniques, curriculum design, and playing the role as a teacher trainer for thousands of Vietnamese teachers and lecturers.
- I have dedicated 16 years to establishing and developing the Department of Mathematics Education, involving my students in SL/STEAM projects aimed at supporting students with disabilities in learning Mathematics and Natural Sciences, fostering self-care skills, and enhancing social communication. My students won many city, province and national awards of the national technological creation in years 2015, 2016 and 2017 (<http://vtv.vn/video/nhip-song-cong-nghe-03-8-2016-164946.htm>: 4:10 – 7:52).

5. Projects and International Cooperation

- The project: “Creating affective teaching aids to support teachers and blind students in teaching and learning Mathematics” funded by Department of Science and Technology, HCMC (*Done in 2017*).
- The project: “Creating 3D paper molds to print tactile Maths & Map books for blind students” funded by Irish Aid (*Done in 2021*).

- The project: “Creating 3D paper molds to print Braille and tactile textbook for blind students” funded by Department of Science and Technology, HCMC (*Done in 2023*).
- I’ve worked with Prof. Young-shin Park of Chosun University, South Korea about STEAM transformation; collaborated with Prof. Hong-ming Lam of the Chinese University of Hong Kong in a SL-STEM survey project on public opinion about Global Food Security, Climate Change and Resilience; and with Prof. Munck – Head of Civic Engagement – Dublin City University through the project: “Embedding Community Based Learning in STEM Education for Socio – Economic Development and Active Citizenship” funded by the Irish Aid since 2017/2018.

6. Social activities:

- Volunteered in Nerekhta village, Russia, providing community support.
- Volunteered as an English and Mathematics teacher in Baharwa village, Egypt.
- Led and supported hundreds of educational and social projects, with a primary focus on assisting individuals with disabilities.