



DỮ LIỆU ĐỀ TÀI NGHIÊN CỨU QUỐC TẾ 2008-2018

A) Dự án hợp tác Tổ chức Quốc tế

2. Các dự án hợp tác thuộc mạng lưới AUN/SEED-Net

No	Type of project	Projects	Beneficiary members/ Organization	Partners	Period
1	AUN/SEED-Net Projects	Investigation and Determination the presence of Arsenite (AsIII) and Arsenate (AsV) in Ground Water in Tu Liem district, Ha noi City and Propose Solutions for Arsenic Contamination in Ground Water,	Ms. Vu Ngoc Thuy, research for alumni		2009
2	AUN/SEED-Net Projects	An Evaluation of Heavy Metals in Some Fresh Vegetables in a Cultivated Suburb of Hanoi City, Vietnam,	Ms. Vu Minh Trang, research for alumni		2009
3	AUN/SEED-Net Projects	Design and Manufacturing a Model Airboat,	Dr. Phan Anh Tuan, research for alumni		2010
4	AUN/SEED-Net Projects	Processing Window of Austemper Ductile Iron,	Dr. Tran Duc Huy, research for alumni		2010
5	AUN/SEED-Net Projects	Research study on effect on NH ₃ generated from breeding pigs for meat at farm sixe at a suburb commune in Hanoi, Vietnam,	Ms. Nguyen Thi Van, research for alumni		2010
6	AUN/SEED-Net Projects	Prediction of Voltage Sags in Distribution Systems by Using Stochastic Method,	Dr. Le Viet Tien, research for alumni		2010



7	AUN/SEED-Net Projects	Design of Feedback Systems with a Sector-Bounded Nonlinearity for Inputs Restricted in Magnitude and Slope,	Mr. Mai Van Sy, research for alumni		2011
8	AUN/SEED-Net Projects	Design propeller for high-speed vessel,	Dr. Phan Anh Tuan, research for alumni		2011
9	Collaborative Research Program with Industry, AUN/SEED-Net,	Synthesis of TiAl/Al ₂ O ₃ in situ Composite by Powder Metallurgy Route: Mechanical and Corrosion Behavior,	Dr. Tran Duc Huy	Kyoto University	10/2011-3/2013.
10	Collaborative Research Program with Industry AUN/SEED-Net	Numerical - Experimental Combined Aerospace Design Tool Development,	Nguyen Phu Khanh	Nagoya University - NU	10/2011-3/2013
11	research for alumni, AUN/SEED-Net	Analysis and calculation of power loss in Vietnam power system,	Dr. Le Viet Tien		2012
12	research for alumni, AUN/SEED-Net	Research and Development on Mini Underwater Vehicle,	Dr. Phan Anh Tuan		2012
13	Collaborative Research for Alumni AUN/SEED-Net,	Dynamic Friction Behaviors of Fluid Power Actuators and Their Mathematical Model,	Dr. Tran Xuan Bo	Toyohashi	4/2014 – 3/2016
14	Collaborative Research Program with Industry AUN/SEED-Net,	Waste plastic to oil, optimization process for fuel production,	Dinh Van Son Tho	Tokyo Institute of Technology	4/2014 – 3/2016,
15	Collaborative Research Program with Industry, AUN/SEED-Net,	Research and recovery of exhaust valve surface in internal combustion component by plasma transferred arc welding technology,	Bui Van Hanh	Osaka University	4/2014 – 3/2016



16	Collaborative Research Program with Industry AUN/SEED-Net,	Study and application of rheo-diecasting method in automobile and engine industries in Vietnam,	Nguyen Hong Hai	Kyoto University	4/2014 – 3/2016
17	Collaborative Research Program with Industry AUN/SEED-Net,	Near-Net shape processing of Ti-Al composite with nano scale in situ Al ₂ O ₃ reinforcement apply for automotive industry	Tran Duc Huy	Kyoto University	4/2014 – 3/2016
18	Collaborative Research Program with Industry AUN/SEED-Net,	Numerical – Experimental Combined Aerospace Design Tool Development – Apply for design and manufacture UAV ejecting pesticide,	Hoang Thi Kim Dung,	Nagoya University	4/2014 – 3/2016
19	Collaborative Research Program with Industry, AUN/SEED-Net	Advanced Modeling and Economic-Optimizing Predictive Control of Steam Boilers,	Hoang Minh Son	The University of Tokyo	4/2014 – 3/2016
20	Collaborative Research Program for common regional issues, AUN/SEED-Net	Studying the contamination and fate of Pharmaceutical and Personal Care Products (PPCPs) in aquatic environment in Vietnam and the Philippines.	Huynh Trung Hai	Kyoto University	2012-2016
21	Collaborative Research Program for common regional issues, AUN/SEED-Net	Medicinal Plant Identification and Collaborative Information System	Vu Hai	Osaka University	
22	Collaborative Research for Alumni AUN/SEED-Net,	Study on enhancing the recovery of carotenoids rich oil and reducing carotenoids degradation by extraction from fresh Gac arils directly	Nguyễn Ngọc Hoàng	Nagoya University	2016-2018
23	Collaborative Research for Alumni AUN/SEED-Net,	Performance Evaluation of Improved Methods for Free-Space Optical Communication Systems using SC-QAM Signals over	Hà Duyên Trung	Keio University	2016-2018



		Atmospheric Turbulence and Misalignment Fading Channels			
24	Collaborative Research Program for common regional issues, AUN/SEED-Net	Development of Molecularly Imprinted Polymer (MIP)-based impedimetric and mass-sensitive sensors for fluoroquinolone antibiotics (FQs) analysis: Toward instrument for monitoring antibiotic residue	Truong Thi Ngoc Lien	Osaka University & Chulalongkorn University	2016-2018
25	Collaborative Research Program for common regional issues, AUN/SEED-Net	Investigation of gaseous and particle emissions from in-use motorcycles	Phạm Hữu Tuyên	Nagoya University and King Mongkut's Institute of Technology Ladkrabang	2016-2018
26	Collaborative Research Program with Industry, AUN/SEED-Net	Modern designs and advanced technologies of low cost and high efficiency switched reluctance motor for industrial electromechanical manufacturing companies"	Bùi Minh Định	Shibaura Institute of Technology	2016-2018
27	Collaborative Research Program with Industry, AUN/SEED-Net	High efficiency and environmental friendly technique for refining of Chalcopyrite Ores from Northern Vietnam	Mai Thanh Tùng	Hokkaido University	2016-2018