

LIST OF LECTURERS' PROJECTS IN 2011

No.	Project title	ID	Project investigator	Expected results	Project duration
I	PROJECTS FOR NAFOSTED				
1	Qualification conditions and Farkas-type results for systems involving composite functions	101.02-2011.31	Assoc. Prof. Dr. Nguyễn Đình	02 ISI articles 1 international article 05 articles published in international and domestic conference 01 doctoral thesis and 02 master's thesis	24
2	Research and development of advanced numerical procedures for limit and shakedown analysis of structures	107.02-2011.01	Dr. Lê Văn Cảnh	05 international articles 03 articles published in international conference	24
3	Studying highly nutritious, indigenous marine microalgae for the quality improvement of rotifer (<i>Brachionus plicatilis</i>) in aquaculture	106.16-2011.31	Dr. Trần Ngọc Đức	02 ISI articles 03 articles published in international and domestic conference 03 postgraduates	24
4	Approximate problems for several systems of balance laws	101.02-2011.36	Assoc. Prof. Dr. Mai Đức Thành	3-6 ISI articles 02 international articles 02 articles published in international and domestic conference	24

5	Knowledge-based supporting system for fault resolution on network and communication system	102.02-2011.01	Dr. Trần Mạnh Hà	2 ISI articles 02 articles published in international or domestic conference 1-2 doctoral or master's thesis	24
6	A transcriptomic analysis of striped catfish (<i>Pangasianodon hypophthalmus</i>) in response to salinity adaptation: De novo assembly, gene annotation and marker discovery	106.99-2011.63	Dr. Nguyễn Minh Thành	2 ISI articles 1 national articles 02 articles published in international or domestic conference 1 doctoral thesis	24
7	Cooperative communications and cognitive radio for energy constrained wireless networks	102.01-2011.22	Dr. Nguyễn Tuấn Đức	02 ISI articles 01 national article 02 articles published in international or domestic conference 02 doctoral thesis and 04 master's thesis	24
8	Some problems in variational analysis and optimization	101.01-2011.10	Prof. Dr. Phan Quốc Khánh	10 - 12 ISI articles 2 - 5 non-ISI articles 3 - 4 articles published in domestic journals 3 - 4 articles published in international conferences 6 - 10 articles published in domestic conferences 30 - 40 master's theses 1 - 2 doctoral theses	24

9	Screening of GmNAC and TCS encoding genes contributing to drought-tolerance of local soybean varieties for development of improved drought-tolerance soybean transgenic plants	106.16-2011.37	Dr. Nguyễn Phương Thảo	02 ISI articles 01 -02 national articles 02 articles published in international and domestic conference	24
II PROJECTS FOR THE MINISTRY OF SCIENCE AND TECHNOLOGY - HCMC					
1	Investigation of a mechanism of human sensitivity to the flickering light using the Near Infrared Spectroscopy (NIRS)	B2011-28-01 -DBME	Prof. Dr. Võ Văn Tới & Nguyễn Huỳnh Minh Tâm	02 articles published in international or domestic conferences	24
2	Research solutions of using combination of controlled stiffness dampers and viscous fluid dampers to control structural	B2011-28-02 -DCE	Assoc. Prof. Dr. Chu Quốc Thắng	03 articles published in domestic conferences 1 - 2 master's theses	12
3	Banana starch extraction and application in food processing	B2011-28-13 - SBT	Dr. Phạm Văn Hùng	02 published articles 02 bachelor's theses	24
4	Evaluate the fertility and effect of inbreeding in black seahorses (Hippocampus kuda) cultured in artificial conditions	B2011-28-03 - SBT	Assoc. Prof. Dr. Hoàng Tùng	02 published articles 01 master's thesis	24
5	Study on application of supercritical CO2 technology in extracting compounds having biological activity and high economic value from some spice trees in Vietnam	B2011-28-04 -SBT	Dr. Đặng Quốc Tuấn	02 published articles 02 - 04 bachelor's theses	24

6	Application of microbial bioproducts for white pepper production	B2011-28-05-SBT	Lê Hồng Phú	02 published articles 02 bachelor's theses	24
7	Wireless Traffic Sign Network for Intelligent Transport System	B2011-28-06-SEE	Dr. Nguyễn Tuấn Đức	Product sample of Wireless Traffic Sign Network	12
8	Fall detection using the combination of Accelerometer and Gyroscope	B2011-28-07-SEE	Dr. Nguyễn Đình Uyên	02 articles published in international or domestic conferences	24
9	Kingman-Levy's Processes and Applications	B2011-28-08-DMA	Prof. Dr. Nguyễn Văn Thu	05 articles published in international journals 01 book published in English	24
10	Characterizations of convex/nonconvex inequalities and applications to optimization theory	B2010-28-09	Dr. Nguyễn Định	02 published articles 02 master's theses	24
11	Detection and characterization of physical properties of brown dwarfs	B2010-28-10-DP	Dr. Phan Bảo Ngọc	02 articles published in international journals with IF>4.0 Materials for teaching Astronomy	24
12	Enhancement coefficient of nuclear fusion reaction in high density stellar objects	B2010-28-11-DP	Dr. Đỗ Xuân Hội	01 international article 01 article published in international conference	18
13	A Cloud Based ERP solution	B2010-28-12-SCSE	Dr. Phạm Văn Hậu	- Cloud Based ERP Application - 01 published article	24
III	PROJECTS FOR INTERNATIONAL UNIVERSITY- VNU-HCMC				

1	Study on application of somatic and Bioreactor technology in multiplying some high economic orchid species Phalaenopsis sp., Cymbidium sp., and Rhynchostylis sp.	T2011-1-BT	Nguyễn Thiên Quang		12
2	Application of Balanced score card in education - Case of the international University	T2011-2-EN	Nguyễn Văn Thành	Construct demo model	12
3	Application of Balance Score Card in Education – Case of the International University	T2011-3-BA	Dr. Nguyễn Quỳnh Mai	Balance Score Card in Education	12
4	Design an IUBM -Wireless Nurse Calling System	T2011-4-BME	Nguyễn Phương Nam	IUBM -Wireless Nurse Calling System	12
5	Preliminary study on characteristics of some lactic acid-producing bacteria groups (LAB) to contribute to the field of Medicine	T2011-5-BT	Dr. Nguyễn Hoàng Khuê Tú		12
6	Micro-cloning of Two Commercially Valuable Bamboo Species in Vietnam	T2011-6-BT	Dr. Anneth R. Ramirez	- A full report submitted to VIETNAM NATIONAL UNIVERSITY-HC - The study submitted for publication to an international journal preferably the Bamboo, Science and Culture - A technology for the production of high quality planting mater	12
7	Multi-Microcontroller Family Development Kit	T2011-8-EE	Võ Minh Thạnh	Multi-Microcontroller Kit	12

8	Project-Based Learning Bridges "Program Instruction and Mastery Learning" with "Teamwork and Problem-Solving Learning"	T2011-9-EN	MA. Nguyễn Thị Thanh Thương	- For teaching: this hands-on approach will result in a radically effective method of teaching English to the students. - For learning : it will offer participants a chance to take part in an active, meaningful environment of learning English. It also address	12
9	A study of the Remedical course with respect to students' knowledge of grammar applied to writing	T2011-10-EN	MA. Van Thi Phuoc	This project is a support to improve the quality of freshmen' writing in English	12
10	Variants of 2-opt approach for the generalized traveling salesman problem	T2011-11-ISE	Lưu Văn Thành	- Supply chain design - Published article	12
11	Constructing the plan to establish the Center for Medical Equipment Research, Production and Sales	T2011-12-BME	Prof. Dr. Võ Văn Tới	A plan for establishing the Center for Medical Equipment Research, Production and Sales	4
12	Systemization of Vietnam's Legal Regulation used for teaching Business Law Code at International University - VNUHCM	T-2011-13 - BA	Tạ Dịu Thương	Teaching materials	24