

**Department of Computer Science & Information Engineering**  
**National Dong Hwa University, Taiwan, R.O.C.**

國立東華大學資訊工程學系

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**Admission Advantage**

NDHU ranks **801~1000<sup>th</sup>** in Time's Higher Education World University Rankings®, **271-280<sup>th</sup>** in QS Top University Rankings Asia, **1023<sup>th</sup>** in World University Ranking by Academic Performance (URAP), **20<sup>th</sup>** in University Ranking by Academic Performance in Taiwan. Our research opportunities and performances are outstanding and remarkable. The supportive faculty and excellent learning environment will definitely promote and advance your career.

**Department Features**

- Excellent and vigorous faculty:** We have 20 full-time faculty members, **all with Ph.D. degrees**; 15 among them were awarded national or international honors.
- Outstanding research performance:** Our academic performance is widely acknowledged. On average, each of our professors has at least one National Science Council-sponsored project per year. Our research fund and research achievements have been listed among the best ranking universities in Taiwan.
- Advanced and up-to-date research equipment:** In the department building, we have 22 spacious laboratories operated with high-speed networks and frequently updated instruments and equipment.
- Comprehensive and distinct research fields:** Our research projects have covered all important fields and distinct research topics.
- Flexible and solid program design:** We offer students a great range of interesting programs, including all CSIE related academic fields. Practical training for advanced study and employment is available. The flexible program-based graduation system allows students to enroll in courses across disciplines.
- Promising future career:** The performance of our graduates is widely acknowledged and commendable.
- Poetic and picturesque campus:** National Dong Hwa University is famous for its natural beauty. Studying in here is definitely an unforgettable experience.
- Family-like study environment:** Our teachers and students get along like a big family, closely interacting with and taking care of each other.
- First and most comprehensive CSIE department in eastern Taiwan:** The department was established in 1995. It now offers comprehensive programs for B.S., M.S., and Ph.D. degrees, and is a very important cradle of IT talents of eastern Taiwan. Since Spring of 2011, we started the **International B.S., M.S., & Ph.D programs** (English-Taught), recruiting international elite students, and gaining a deeper connection with the world.

**Achievements and Awards of the professors and students in recent years:**

- 2017 Prof James C.N. Yang awarded with IET Fellow Honor
- 2016 Prof David S.F. Lin awarded with IET Fellow Honor
- 2017 (~2010) won **29 Gold, 14 Silver, and 11 Bronze Prize** in TAAI Contest
- 2017 (~2005) won **3 Gold, 8 Silver, 16 Bronze Prize** in Computer Olympiad
- 2015 **Gold Prize** in 2015 National Intercollegiate Program Design Contest
- 2014 **IICM Excellent Paper Award**
- 2013 **Chinese Chess Artificial Intelligent Software successfully challenged human brain for the world record**
- 2013 Ministry Of Education Excellent Teaching Material Award
- 2012 TAAI 2012 **Excellent Paper**
- 2012 National Science Council Excellent Scholar Winner
- 2010 **4 Gold Prize and 2 Silver Prize**, the 15th Computer Olympiad
- 2009 Silver Prize, CHT Value Added Application Software Contest
- 2008 **Patent:** Yuan-Hao Yeh, I-Cheng Chang, and Ching-Long Huang, 3D Color Information Acquisition Method and 3D Color Information Acquisition Device, US 7415151B2, August 2008.
- 2008 **Bronze Prize**, World Computer Go Congress
- 2006 Performance Award, IBT WeWin Entrepreneurship Contest
- 2006 Programming Award and Sponsor Award, 4C Digital Design Award-Award, Group of PC
- 2005 **Gold Medal Award**, 57th International Trade Fair for "Ideas-Inventions-New Products" (IENA), Nuremberg, Germany



NDHU campus view



NDHU library



Dormitory interior



College of Science & Engineering



NDHU Canoeing Class



Indoor-Outdoor swimming



NDHU Windsurfing Class

**Research Laboratories**

- Cloud Computing & Big-Data Processing Server
- Artificial Intelligence Laboratory
- Intelligent Systems Laboratory
- Pervasive Computing and Data Management Lab.
- Software Engineering Laboratory
- Graphics Animation Multimedia Edutainment Lab.
- Cryptography and Information Security Laboratory
- Graphs and Bioinformatics Algorithm Laboratory
- Compiler Technology and Application Laboratory
- Multimedia Interaction Technology Laboratory
- Computer Vision and Virtual Reality Laboratory
- Computer Systems Laboratory
- Image and Video Processing Laboratory
- Digital Image and Vision Computing Laboratory
- Wireless Internet Service Engineering Laboratory
- Decision Support Systems Laboratory
- Interconnection Network and Fault Tolerant Computing Laboratory
- Advanced Network Technology Laboratory
- Distributed Computing Laboratory
- Internet Computing and Application Laboratory
- Mobile Computing and Knowledge Engineering Lab.
- Learning Technology Laboratory



Computer classroom



Small group meeting



Research discussion



CSIE Professors in charity marathon



Artificial Intelligence won over Human



CSIE's Program won gold medal



CSIE's Academic Excellent Awardees



CSIE Departmental badminton team



CSIE Foreign students in culture exchange