



國立東華大學  
NATIONAL DONG HWA UNIVERSITY



國立東華大學 | 資訊工程學系暨研究所

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

**Spring 2023**

# Table of Contents

- About NDHU..... 3
- About CSIE..... 22
- About CSIE Life.....50
- Conclusion.....61

# ~ NDHU Ranking ~



# NDHU - Times Higher Education World University Ranking 2023

**25<sup>th</sup>** in Taiwan

**401~600<sup>th</sup>** in Impact Rankings 2022

**301~350<sup>th</sup>** in Young University Rankings 2022

**1201~1500<sup>th</sup>** in the World University Ranking 2023



 Taiwan

## National Dong Hwa University

1201-1500 <sup>th</sup>	401-600 <sup>th</sup>	301-350 <sup>th</sup>
World University Rankings 2023	Impact Rankings 2022	Young University Rankings 2022

Official website [▶ Watch video](#)   

 No. 1, Sec. 2,, Da Hsueh Rd. Shoufeng,, Hualien, 974301, Taiwan

 <https://oia.ndhu.edu.tw/>

 [oia@gms.ndhu.edu.tw](mailto:oia@gms.ndhu.edu.tw)



 +886-3-890-3000, +886-3-890-5172



泰晤士報高等教育特刊 World University Rankings 2023  
(<https://www.timeshighereducation.com/world-university-rankings/national-dong-hwa-university>)

# NDHU – QS World & Asian University Ranking 2023

**301-350<sup>th</sup> in Asia, 1201~1400<sup>th</sup> in the World.**



## National Dong Hwa University

📍 Shoufeng Campus (Main), Hualien City, Taiwan +2

QS World University Ranking

🏆 **1201-1400**

Status	Research Output	Student/Faculty Ratio	International Students	Size	Total Faculty
Public	Very High	17	804	M	563

## Rankings & ratings

### RANKINGS

National Dong Hwa University is one of the top public universities in Hualien City, Taiwan. It is ranked #1201-1400 in QS World University Rankings 2023.

**#1201-1400**

QS World University Rankings

**#301-350**

Asian University Rankings

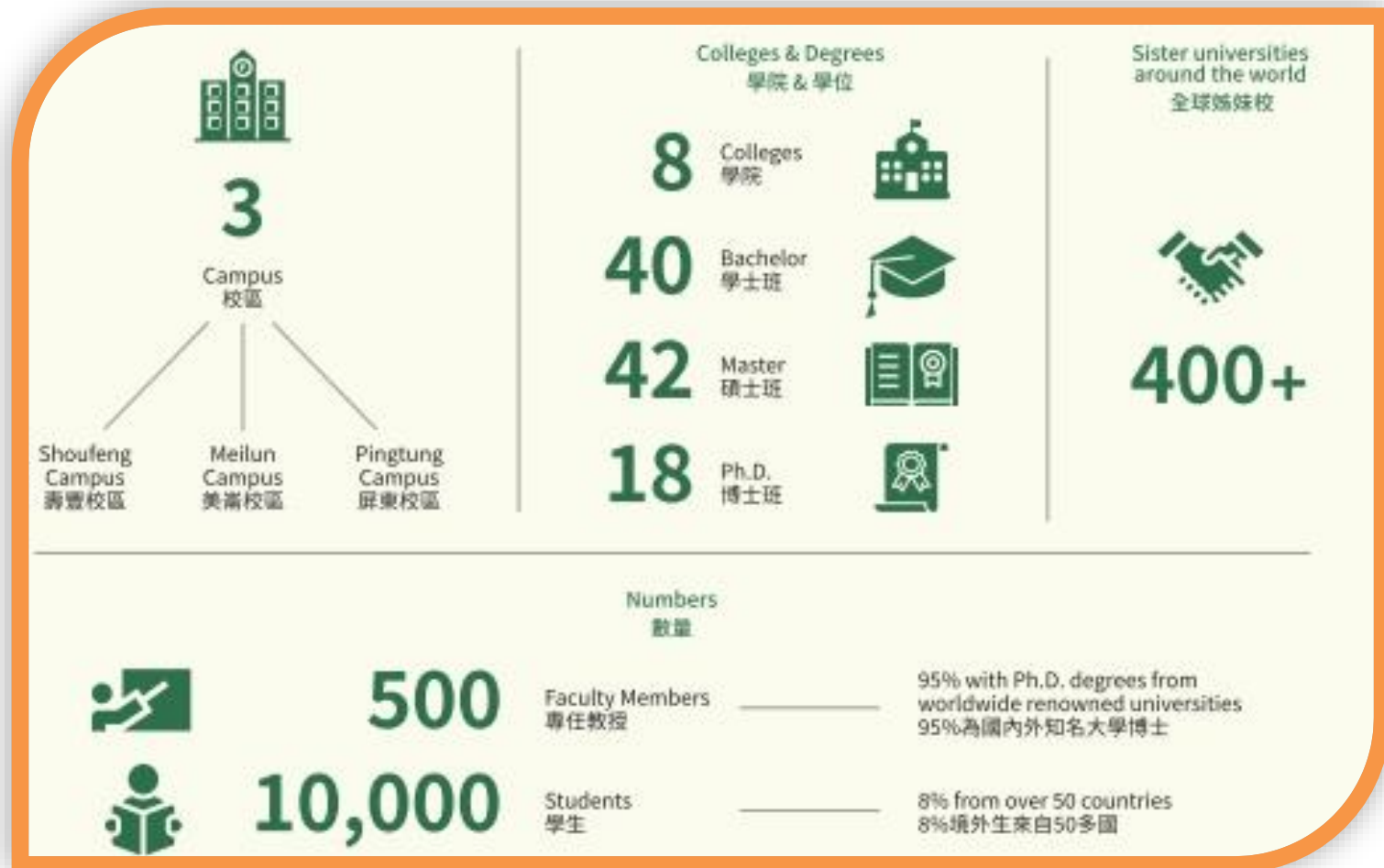
QS Top Universities – Asian University Rankings

(<https://www.topuniversities.com/universities/national-dong-hwa-university>)

# ~ Study in NDHU ~



# Internationalized Campus



# Internationalized Campus



40 Bachelor 42 Master 18 Ph.D. programs  
40 學士班 42 碩士班 18 博士班



500 faculty members  
95% with Ph.D. degrees from worldwide renowned universities  
500位專任教授 95%為國內外知名大學博士



Modularized course Double majors Minors Cross-field learning  
模組學程化 雙主修 副修 跨領域學習



Advanced placement for senior undergraduates to obtain a Master's degree in five years  
大學預選碩士課程 五年攻讀碩士學位

## Internationalization

## 掌握世界 · 國際東華



- Over 400 sister universities around the world  
400所全球姊妹校 眾多海外交換機會
- 10,000 students 8% from over 50 countries  
10,000名學生 8%境外生來自50多國
- English learning environment  
25 full English courses 13 enough English courses  
英語學習環境 提供25個全英語學程 13個足量英語學程
- Taiwan No.1 by WURI (World's University Real Impact)
  - Risk management: world top 10
  - Innovative : world top 101-200
 世界大學真實影響力排名臺灣第1
  - 危機管理 : 全球第10
  - 創新 : 全球第101-200



# Low Cost for Higher Education

外國學生收費及住宿資訊 Estimated Expenses for International Students

		臺幣/學期 NTD/semester	美金/學期 USD/semester
<b>宿舍及生活費 Accommodation and Personal Expenses</b>			
住宿費 ( 宿舍 ) Accommodation Fee (on-campus)		NTD 9,500~16,500	USD 317~550
生活費 Cost of Living		NTD 30,000~45,000	USD 1,000~1,500
<b>學雜費 Tuition &amp; Miscellaneous Fees</b>			
學士班 Undergraduate	學雜費 Tuition & Miscellaneous Fees (includes student insurance, internet fee, and other fees)	NTD 48,000~55,580	USD 1,600~1,853
研究所 Graduate		NTD 21,480~25,800	USD 716~860
	學分費 Credit Fees	NTD 3,060 /credit	USD 102 /credit

※ 上預估花費將依個人消費生活習慣、需求、匯率不同而異。

The estimated amounts above may vary depending on personal lifestyle, needs, exchange rate, etc.

※ 學雜費請先參考 111 學年度 ( 2022 年 ) 學雜費徵收標準 · 本校 112 學年度 ( 2023 年 ) 學雜費徵收標準 · 將於教育部核定後公告於本校學雜費專區：<https://rb004.ndhu.edu.tw/p/404-1004-175369-1.php?Lang=zh-tw>

The above is the tuition and miscellaneous fees for 111-academic-year (2022). The 112-academic-year (2023) tuition and miscellaneous fees will be announced on the school's tuition and miscellaneous fees website, <https://rb004.ndhu.edu.tw/p/404-1004-175369-1.php?Lang=zh-tw>, after being approved by Taiwan Ministry of Education.

# Financial Aid / Scholarship

# National Dong Hwa University #	
Scholarship	Description
<b>NDHU International Student Scholarship</b>	<ul style="list-style-type: none"> <li>✓ Tuition : 50% ~ 100% Waiver</li> <li>✓ Top Bachelor Students Stipend : NT\$20,000 / semester</li> <li>✓ Top Master's and Doctoral Students Stipend : NT\$30,000 / semester</li> </ul>
<b>NDHU Southward Scholarship</b>	<ul style="list-style-type: none"> <li>✓ Doctoral Students Only</li> <li>✓ Tuition : 100% Waiver -- not include accommodation and other expenses (not including agency, insurance, and Internet fees)</li> <li>✓ Stipend : NT\$6,000/ month</li> <li>✓ Research Incentive : NT\$8,000/ month</li> </ul>
# Government Agencies #	
Scholarship	Description
<b>Taiwan Scholarship</b>	<b>International Cooperation and Development Fund ( TaiwanICDF )</b> <ul style="list-style-type: none"> <li>➤ 100% Tuition and Fee Waiver</li> <li>➤ 100% Dorm Room and Insurance paid</li> <li>➤ Bachelor Stipend : NT\$12,000 / month</li> </ul>
	<b>Ministry of Foreign Affairs (MOFA)</b> <ul style="list-style-type: none"> <li>➤ Tuition 50% Waiver</li> <li>➤ Stipend: NT\$30,000 / month</li> </ul>
	<b>Ministry of Education (MOE)</b> <ul style="list-style-type: none"> <li>➤ Tuition 100% Waiver</li> <li>➤ Bachelor Stipend : NT\$15,000 / month</li> <li>➤ Master's and Doctoral Stipend : NT\$20,000 / month</li> </ul>

# Chinese Classes for Int'l Students



# Multivariate Courses



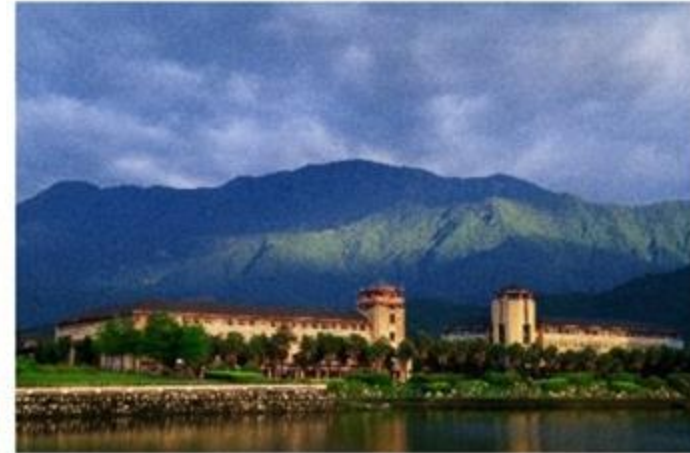
# ~ NDHU Campus ~



# The Largest and Most Beautiful Campus in Taiwan



# Campus Buildings



# E - Learning Environment

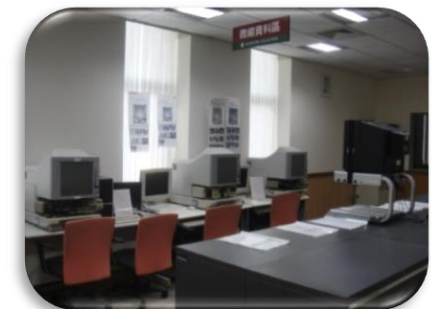
- Academic Network Hub Center of Taiwan
- Complete E-Learning Environment,
- Fully covered by high-speed internet access 24-hrs





# The Library

- ✓ 13,000 sq meter
- ✓ More than 1,556,000 books  
(including western publications)



# Modern Dormitory



# Sport Facility



國立東華大學 體育中心  
NDHU Center for Physical Education

# Facility – Prayer Room (Mushollah)



# Various Eatery on campus



## Lakeside Brunch

FRENCH FRIES (with Salad or French fries)		SPAGHETTI (with Salad or French fries)	
Smoked Chicken 烤雞排	NT\$120	Smoked Chicken 奶油燻雞	NT\$100
Smoked pork 日式豬排	NT\$120	Smoked Chicken 番茄燻雞	NT\$100
Smoked Red Wine 紅酒牛肉	NT\$130	Smoked Chicken 番茄燻雞	NT\$100
Smoked Beef with Kimchi 泡菜燻	NT\$120	Bacon and Pesto Sauce 青醬燻豬	NT\$100
Smoked Salted Bacon 鹹豬肉	NT\$120	Smoked Salmon 奶油燻鮭魚	NT\$100
Smoked Pork 紅燒肉	NT\$120	Smoked Chicken 奶油燻雞	NT\$100
		Mushroom 蘑菇野菇	NT\$100
		and Tomato Sauce	

SNACKS		BAGEL	
Toast with Jam 薄片	NT\$15	Vegetables and Fruits (Veggie) 綜合蔬果	NT\$50
Thick Toast with Jam 厚片	NT\$25	Roast Beef 牛肉貝果	NT\$65
French Fries 薯條	NT\$40	Smoked Chicken 煙燻貝果	NT\$65
Fried Mozzarella 起士條	NT\$50	Ham 火腿貝果	NT\$65
Krispy Onion Rings 洋蔥圈	NT\$50		
Smoked Chicken Burrito 雞肉捲	NT\$90		
Beef Burrito 牛肉捲	NT\$90		
Fried Three-For-All 綜合炸物	NT\$120		

SANDWICH		FOCACCIA	
Fried Potato (Veggie) 薯泥	NT\$50	Vegetables and Fruits (Veggie) 綜合蔬果	NT\$50
Smoked Chicken 雞肉	NT\$65	Roast Beef 牛肉	NT\$65
Smoked Pork 肉蛋	NT\$65	Smoked Chicken 煙燻	NT\$65
Smoked Chicken 中粒雞排	NT\$65	Ham 火腿佛卡夏	NT\$65
Smoked Chicken 中粒雞排	NT\$65	Bacon 培根佛卡夏	NT\$65

Smoked Chicken 中粒雞排	NT\$45
Smoked Chicken 中粒雞排	NT\$45
Smoked Chicken 中粒雞排	NT\$45
Smoked Chicken 中粒雞排	NT\$45

BLACK TEA	
Original Black Tea 原味黑茶	NT\$100
Lemon Black Tea 檸檬黑茶	NT\$100
Black Tea with Honey 蜂蜜黑茶	NT\$100
Milk Tea 奶茶	NT\$100

GREEN TEA	
Jasmine Green Tea 綠茶	NT\$100
Lemon Green Tea 檸檬綠茶	NT\$100
Green Tea with Honey 蜂蜜綠茶	NT\$100
Green Tea with Yakult 多多綠茶	NT\$100

OOLONG GREEN TEA	
Original Oolong Green 烏龍綠茶	NT\$100
Lemon Oolong Green 檸檬烏龍綠茶	NT\$100
Oolong Green 綠茶烏龍綠茶	NT\$100
Oolong Green with Honey 蜂蜜烏龍綠茶	NT\$100
Oolong Green 多多烏龍綠茶	NT\$100
Oolong Green with Yakult 多多烏龍綠茶	NT\$100

FRESH MILK TEA	
Black Milk Tea 紅茶拿鐵	NT\$100
Oolong Milk Tea 烏龍拿鐵	NT\$100
Green Milk Tea 綠茶拿鐵	NT\$100
Oolong Green Milk Tea 烏龍綠茶拿鐵	NT\$100
Cocoa 可可	NT\$100

OOLONG TEA	
Original Oolong	NT\$100
Oolong	NT\$100
Oolong	NT\$100



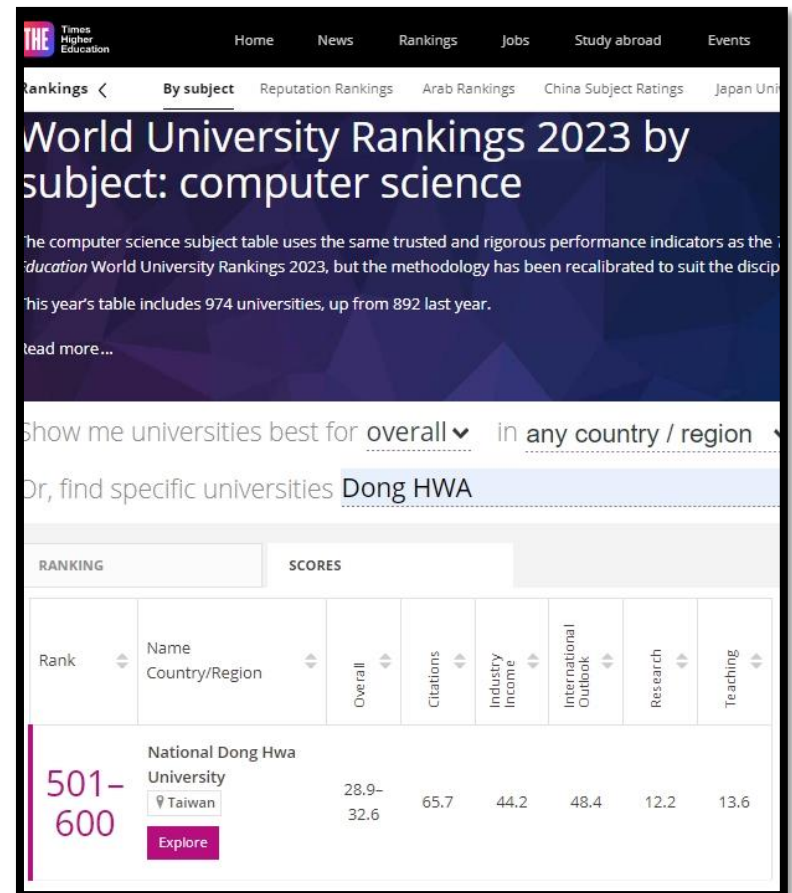
# ~ CSIE Ranking ~



# Times Higher Education World University Ranking NDHU CSIE in Computer Science subject in 2023

6<sup>th</sup> in Taiwan

501~600<sup>th</sup> in the World



World University Rankings 2023 by subject: computer science

The computer science subject table uses the same trusted and rigorous performance indicators as the Education World University Rankings 2023, but the methodology has been recalibrated to suit the discipline. This year's table includes 974 universities, up from 892 last year.

Show me universities best for overall in any country / region

Or, find specific universities Dong HWA

RANKING		SCORES					
Rank	Name Country/Region	Overall	Citations	Industry Income	International Outlook	Research	Teaching
501-600	National Dong Hwa University Taiwan	28.9-32.6	65.7	44.2	48.4	12.2	13.6

Explore

泰晤士報高等教育特刊 World University Rankings 2023  
(<https://www.timeshighereducation.com/world-university-rankings/national-dong-hwa-university>)

# ~ CSIE Programs ~

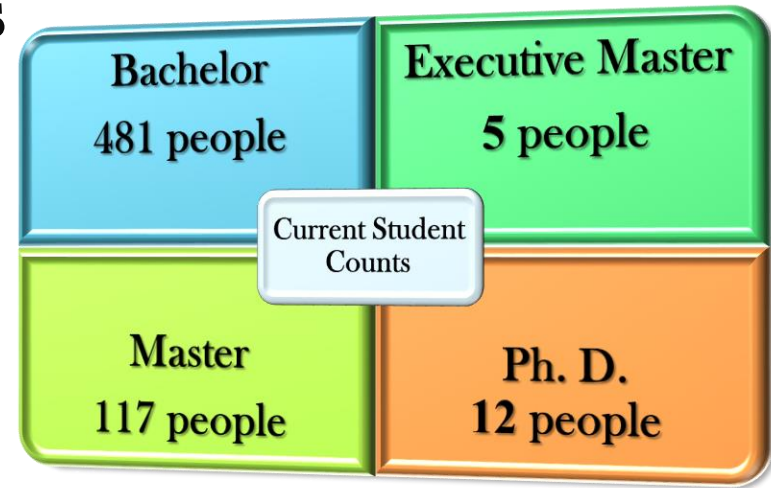




# Department of Computer Science & Information Engineering

- **Most comprehensive programs**

- Bachelor
- International Bachelor
- Master
- International Master
- Executive Master
- Ph.D.

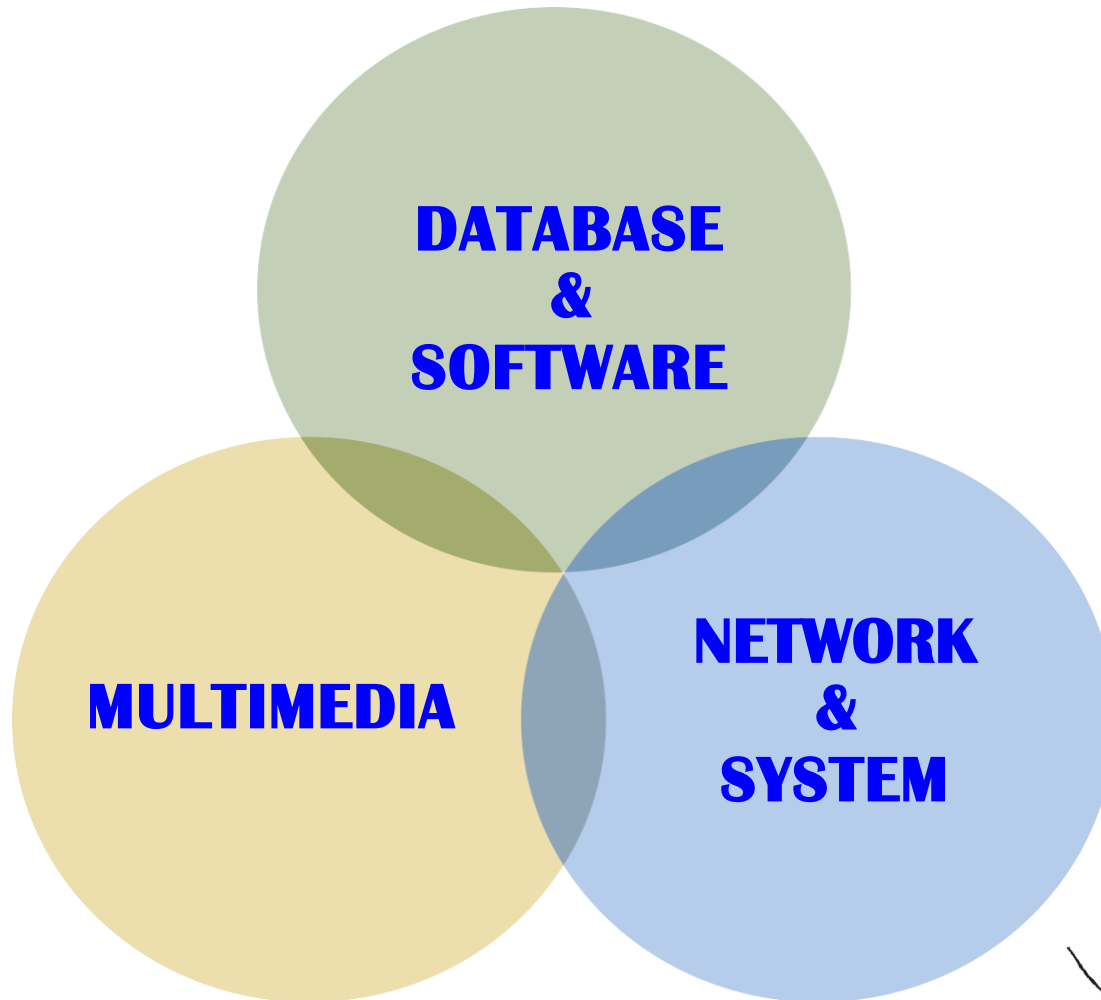


- ✓ Outstanding and Remarkable research opportunities and performances.
- ✓ Supportive faculty and excellent learning environment definitely advance your career.

**In-status student counts as of 2022.10.26.**

# Flexible yet Solid program design

From 111-2, **Master Program in Artificial Intelligence and Innovative Applications** is added.





# CSIE Undergraduate Programs



## ***Fundamental Program of Electrical Engineering and Computer Science***

The common base for EE and CSIE students. This program contains math, physics, and computer fundamental classes.



## ***Core Program of Computer Science (I)***

The entry step into CSIE field. Courses cover basic programming, hardware, and mathematics areas.



## ***Core Program of Computer Science (II)***

The central core of CSIE. Courses deepen and widen students' abilities, cover both theories and hand-on learning.



## ***Professional Elective Programs***

Various and ample choices. Students can study them based on interests and career focuses.



# CSIE Undergraduate Programs

**Fundamental Program  
of Electrical  
Engineering and  
Computer Science**

- ◆ **Calculus (I)**
- ◆ **Calculus (II)**
- ◆ **General Physics (I)**
- ◆ **General Physics (II)**
- ◆ **General Physics Lab. (I)**
- ◆ **General Physics Lab. (II)**
- ◆ **Introduction to  
Computer Programming (I)**
- ◆ **Linear Algebra**
- ◆ **Introduction to  
Computer Science**



# CSIE Undergraduate Programs

## Core Program of Computer Science (I)

Introduction to  
Computer Programming (I)

Lab of Programming (I)

Introduction to  
Computer Programming (II)

Lab of Programming (II)

Digital Logic Design

Digital Systems Laboratory

Data Structures

Lab of Data Structures

Algorithm Design and  
Analysis

Lab of Algorithm Design

Discrete Mathematics

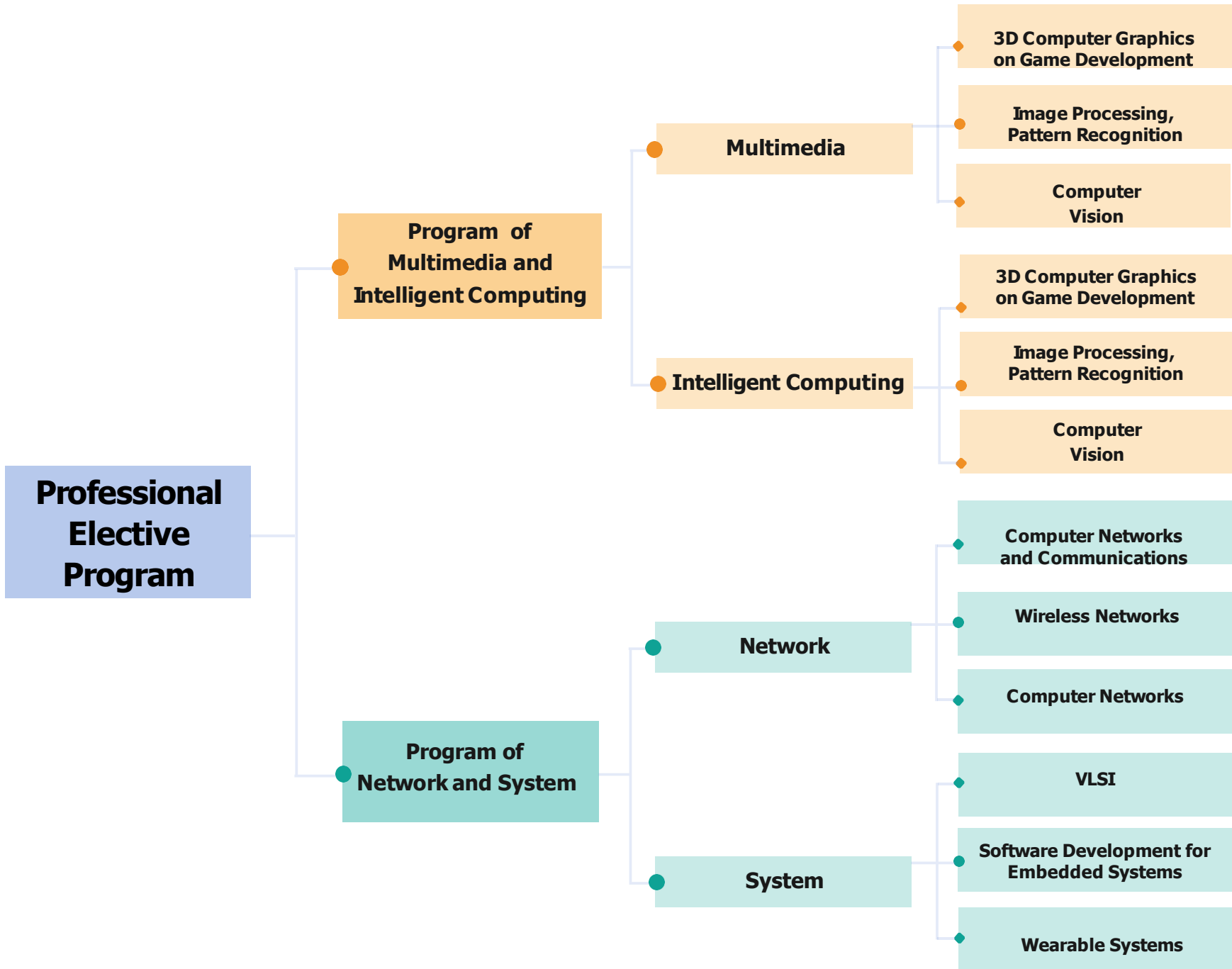


**CSIE**

**Undergraduate  
Programs**

**Core Program of  
Computer Science (II)**

- **Probability**
- **Computer Organization**
- **Programming Languages and Compilers**
- **Computer Architecture**
- **Formal Languages and Automata**
- **Undergraduate Project (I)**
- **Undergraduate Project (II)**
- **Operating Systems**
- **Programming Ability Certification**
- **Electric and Electronic Circuits**



# ~ CSIE Professors ~





# Faculty Team

## 資訊工程學系

Department of Computer Science and Information Engineering (CSIE)

### 軟體系統與應用研究群 Software Sys & App

### 多媒體研究群 Multimedia Tech & App

### 網路與系統研究群 Network and System

**吳秀陽 教授** Professor Hsiao-Tung Wu  
 美國德州大學奧斯汀校區計算機科學博士  
 Dept. of Computer Science, University of Texas at Austin, U.S.A.  
 03-863-4001 / 4011  
 專長: 網路系統管理、行動裝置管理、分散式處理、個人助理、群件協作環境、網路服務  
 Data and Resource Management, Mobile and Cloud Computing, Distributed Computing, Network System, Web Service Management  
 學術研討會: Personal Computing and User Management (IC3U) / 台、美、加

**周世杰 教授** Professor Hsi-Chia Chen  
 國立交通大學資訊工程博士  
 Dept. of Computer Science and Information Engineering, National Tsing Hua University, Taiwan  
 03-863-4034  
 專長: 人工智慧、資訊分析與設計、物件導向軟體開發、社群、軟體應用、軟體維護與測試工程  
 Software Engineering, Software Analysis and Design, Software Development, Object-Oriented Software  
 學術研討會: Software Engineering (ICSE) / 台、美、加

**顏士淨 教授** Professor Yan-Fa Yan  
 國立台灣大學資訊工程博士  
 Dept. of Computer Science and Information Engineering, National Taiwan University, Taiwan  
 03-863-4021  
 專長: 人工智慧、電腦對弈、機器學習  
 Artificial Intelligence, Computer Games, Machine Learning  
 學術研討會: Artificial Intelligence (ICAI) / 台、美、加

**李官俊 教授** Professor Hsueh-Kuan Lee  
 國立清華大學資訊工程博士  
 Dept. of Computer Science, National Tsing Hua University, Taiwan  
 03-863-4030  
 專長: 資料庫、行動計算、資料探勘  
 Mobile Computing, Database, Data Mining  
 學術研討會: Mobile Computing and Knowledge Engineering (ICCKE) / 台、美、加

**彭勝龍 教授** Professor Peng-Sheng Lung  
 國立清華大學資訊工程博士  
 Dept. of Computer Science, National Tsing Hua University, Taiwan  
 03-863-4038  
 專長: 演算法學、圖形理論、生物資訊學  
 Computer Algorithm, Graph Theory, Bioinformatics  
 學術研討會: Graphs and Bioinformatics Algorithms (ICGBA) / 台、美、加

**高偉英 教授** Professor Gao Wei Ying  
 交通大學資訊管理研究所博士  
 Institute of Information Management, National Chiao Tung University, Taiwan  
 03-863-4055  
 專長: 智慧型決策、柔性運籌、最佳化方法與應用  
 Optimization Methods and Applications, Soft Computing, Intelligent Decision  
 學術研討會: Decision Support System Laboratory (DSSL) / 台、美、加

**張道順 教授** Professor Chang Dao-Shun  
 台灣師範大學資訊教育研究所博士  
 Institute of Information and Computer Education, National Taiwan Normal University, Taiwan  
 03-863-4056  
 專長: 網路安全、網路服務、工作流、軟體工程  
 Information Security, Internet Services, Workflow, Software Engineering  
 學術研討會: Internet Computing and Application (ICIA) / 台、美、加

**林信鋒 教授** Professor Hsin-Feng Lin  
 美國密西西比州立大學電機博士  
 Dept. of Electrical Engineering, Mississippi State University, U.S.A.  
 03-863-4918 / 3901  
 專長: 物件影像處理、影像/視訊配准、資訊安全  
 Signal/Image Processing, Image/Video Compression, Information Security  
 學術研討會: Image and Video Processing (IAVIP) / 台、美、加

**楊慶隆 教授** Professor Yang-Ching Yang  
 國立成功大學電機工程博士  
 Dept. of Electrical Engineering, National Cheng Kung University, Taiwan  
 03-863-4328  
 專長: 網路與網路安全、密碼學、編譯理論  
 Cryptography, Information and Network Security, Coding Theory  
 學術研討會: Information Security (IASIS) / 台、美、加

**江政欽 教授** Professor Chiang-Ching / King  
 國立交通大學資訊工程博士  
 Dept. of Computer Science and Information Engineering, National Chiao Tung University, Taiwan  
 03-863-4337  
 專長: 網路網路、影像處理、變形辨識、智慧型人機介面  
 Network, Image Processing, Pattern Recognition, Intelligent Human-Machine Interface  
 學術研討會: Multimedia Interaction Technology (AMIT) / 台、美、加

**楊茂村 教授** Professor Mao-Tsun Yang  
 美國賓州州立大學電腦科學暨工程博士  
 Dept. of Computer Science and Engineering, Pennsylvania State University, U.S.A.  
 03-863-4028  
 專長: 電腦視覺、影像處理、虛擬實境  
 Computer Vision, Digital Image Processing, Virtual Reality  
 學術研討會: Computer Vision and Virtual Reality (CVVR) / 台、美、加

**張意政 教授** Professor Li-Chang Chang  
 國立清華大學電機工程博士  
 Dept. of Electrical Engineering, National Tsing Hua University, Taiwan  
 03-863-4022  
 專長: 影像處理、電腦視覺、電腦繪畫  
 Image Processing, Computer Vision, Computer Graphics  
 學術研討會: Digital Image and Video Computing (DIGIV) / 台、美、加

**賴志宏 教授** Professor Lai-Chih Hong  
 國立中央大學資訊工程博士  
 Dept. of Computer Science and Information Engineering, National Central University, Taiwan  
 03-863-4657  
 專長: 數位學習、學習科技、程式設計  
 Digital Learning, Learning Technology, Mobile Learning  
 學術研討會: Learning Technology (LA2L) / 台、美、加

**黃振榮 教授** Professor Huang-Cheng Huang  
 國立中山大學電機系計算機組博士  
 Dept. of Electrical Engineering, National Sun Yat-Sen University, Taiwan  
 03-863-4021 / 3961  
 專長: 機器學習、智慧網路、嵌入式系統、數位學習  
 Machine Learning, Wireless Network, Embedded System, Electronic Learning  
 學術研討會: Intelligent Systems (ICIS) / 台、美、加

**蔡正雄 教授** Professor Tseng-Ching Tsai  
 交通大學資訊科學系博士  
 Dept. of Computer Information Science, National Chiao Tung University, Taiwan  
 03-863-4031  
 專長: 容錯計算、同儕計算、連結網路、嵌入式系統  
 Fault-Tolerant Computing, Peer-to-Peer Computing, Interconnection Networks, Embedded Systems  
 學術研討會: Distributed Computing (ICDC) / 台、美、加

**紀新洲 教授** Professor Hsin-Chao Chi  
 美國加州大學洛杉磯分校計算機科學博士  
 Dept. of Computer Science, University of California, Los Angeles, U.S.A.  
 03-863-4036  
 專長: 計算機結構、平行處理、超大型積體電路設計、嵌入式系統  
 Computer Architecture, Parallel Processing, VLSI Design, Embedded Systems  
 學術研討會: Computer Systems (ICAS) / 台、美、加

**羅壽之 教授** Professor Shao-Chi Lo  
 國立清華大學資訊工程博士  
 Dept. of Computer Science, National Tsing Hua University, Taiwan  
 03-863-4029  
 專長: 行動計算、無線網路、資訊服務  
 Mobile Computing, Wireless Network, Information Services  
 學術研討會: Wireless Mobile Systems Engineering (ICWSE) / 台、美、加

**相寶蓮 教授** Professor Phao-Lue Lu  
 國立交通大學資訊科學博士  
 Dept. of Computer Information Science, National Chiao Tung University, Taiwan  
 03-863-4033  
 專長: 連結網路、錯誤診斷、圖形理論、容錯計算  
 Interconnection Networks, Error-Diagnosis, Graph Theory, Fault-Tolerant Computing  
 學術研討會: Interconnection Network and Fault-Tolerant Computing (ICITFC) / 台、美、加

**陳昱秀 教授** Professor Chen-Yu-Shou  
 國立中正大學資訊工程博士  
 Dept. of Computer Science and Information Engineering, National Chung Cheng University, Taiwan  
 03-863-4034  
 專長: 網路網路、無線網路、雲端網路  
 Computer Network, Wireless Network, Cloud Network  
 學術研討會: Advanced Network Technology (ICANT) / 台、美、加

**雍忠 教授** Professor Chung-Cheng Yung  
 美國紐約大學計算機科學博士  
 Dept. of Computer Science, New York University, U.S.A.  
 03-863-4077  
 專長: 編譯程式、程式分析、雲端系統最佳化  
 Code Computing, Web Technology, Mobile Software, Compiler  
 學術研討會: Compiler Technology and Application (ICCTA) / 台、美、加

# Our Professors with IET Fellow honor



**Prof. David Shin-Feng Lin**  
Signal/Image Processing, Image/Video  
Compression



**Prof. Ching-Nung Yang**  
Information and Network Security  
Cryptography Coding Theory

# Our Professors named as Top 2% scientists of World



PROF. C.N. YANG & PROF. J.R HUANG  
NAMED STANFORD UNIV.

WORLD  
TOP 2%  
SCIENTISTS

NDHUCSIE



Prof. Chenn-Jung Huang

Machine Learning, Wireless Network,  
Intelligent Systems, E-Learning

Prof. Ching-Nung Yang

Information and Network Security  
Cryptography Coding Theory

## Database & Software

- **Artificial**
- **Intelligence**
- **Information**
- **Security Mobile**
- **Computing Soft**
- **Computing**
- **Software**
- **Engineering**
- **Cloud Computing & Big Data Processing**



**Shi-Jim Yen**



**Tao-Ku Chang**



**Guan-Ling Lee**



**Han-Ying Kao**



**Shih-Chien Chou**



**Shioh-Yang Wu**



## Multimedia

- **Intelligent Human-Machine Interface Computer Vision**
- **Image Processing**
- **Image/ Video Compression Machine Learning**



**Cheng-Chin Chiang**



**Mau-Tsuen Yang**



**Cheng Chang**



**Ching-Nung Yang**



**Shin-Feng Lin**



**Chih-Hung Lai**

## Network & System

- **Wireless Network**
- **Embedded systems**
- **CloudNetwork**
- **Compilers**
- **Internet of Things**
- **VLSI Design**
- **Fault-Tolerant Computing**



**Chenn-Jung  
Huang**



**Chang-Hsiung  
Tsai**



**Min-Xiou Chen**



**Chung Yung**



**Shou-Chih Lo**



**Hsin-Chou Chi**



**Pao-Lien Lai**

# ~ CSIE Environment ~





# Teaching & Research Equipment

- **Windows PC Classroom**
- **VLSI Laboratory**
- **Electric and Electronic Circuits Laboratory**
- **Intelligent Technology Center**
- **Cloud Computing and Big Data Engine Room**
- **Research Laboratory**





## Apple Mac Lab

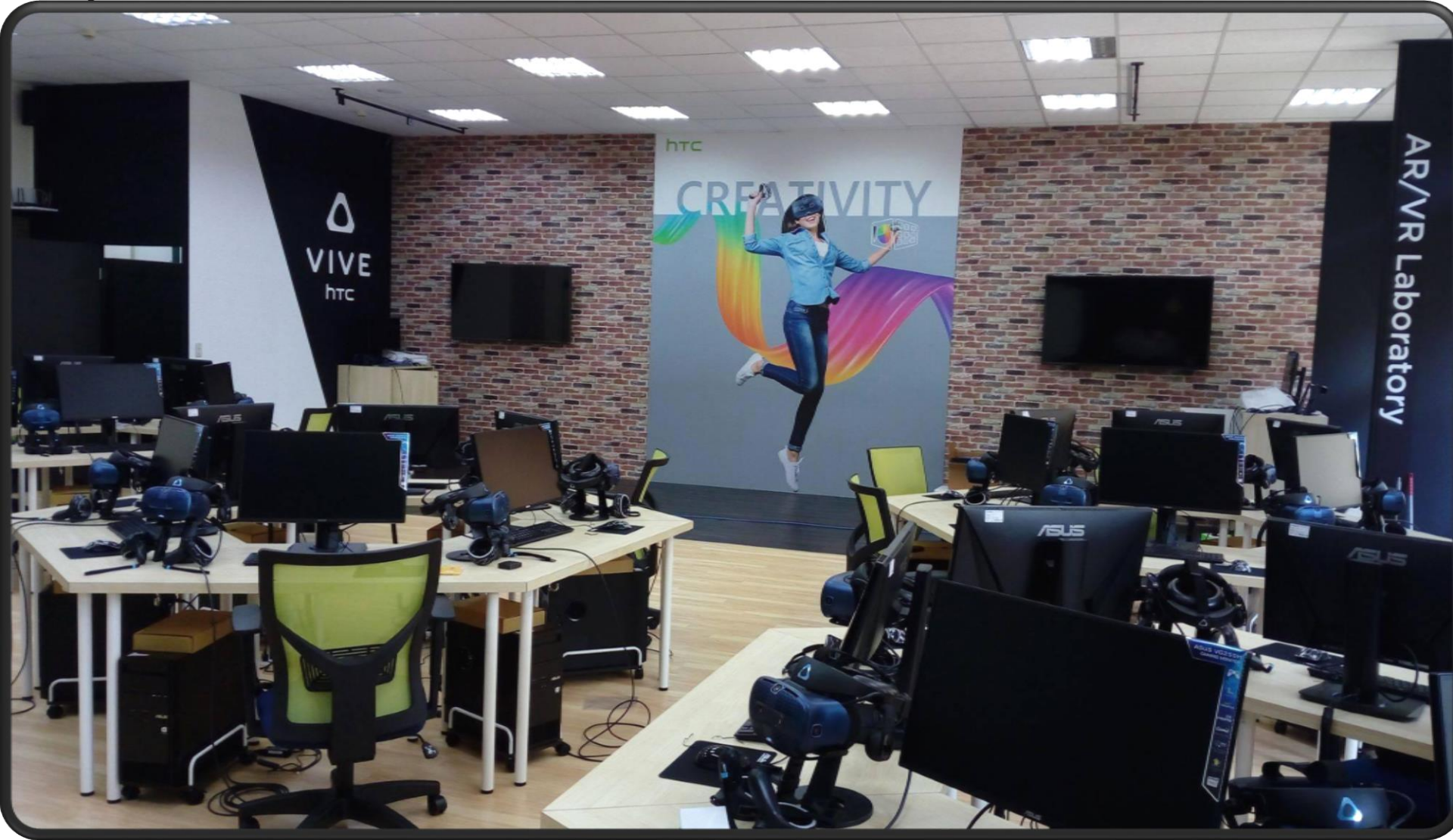
**Certified by Apple as a regional teaching center with 40 new Mac PCs and iPads.**





# AR/VR Lab

**Advanced AR/VR classroom  
(with brand new 30 sets of HTC Vive Focus,  
Magic Leap, and Epson AR glasses).**



# Advanced research equipments

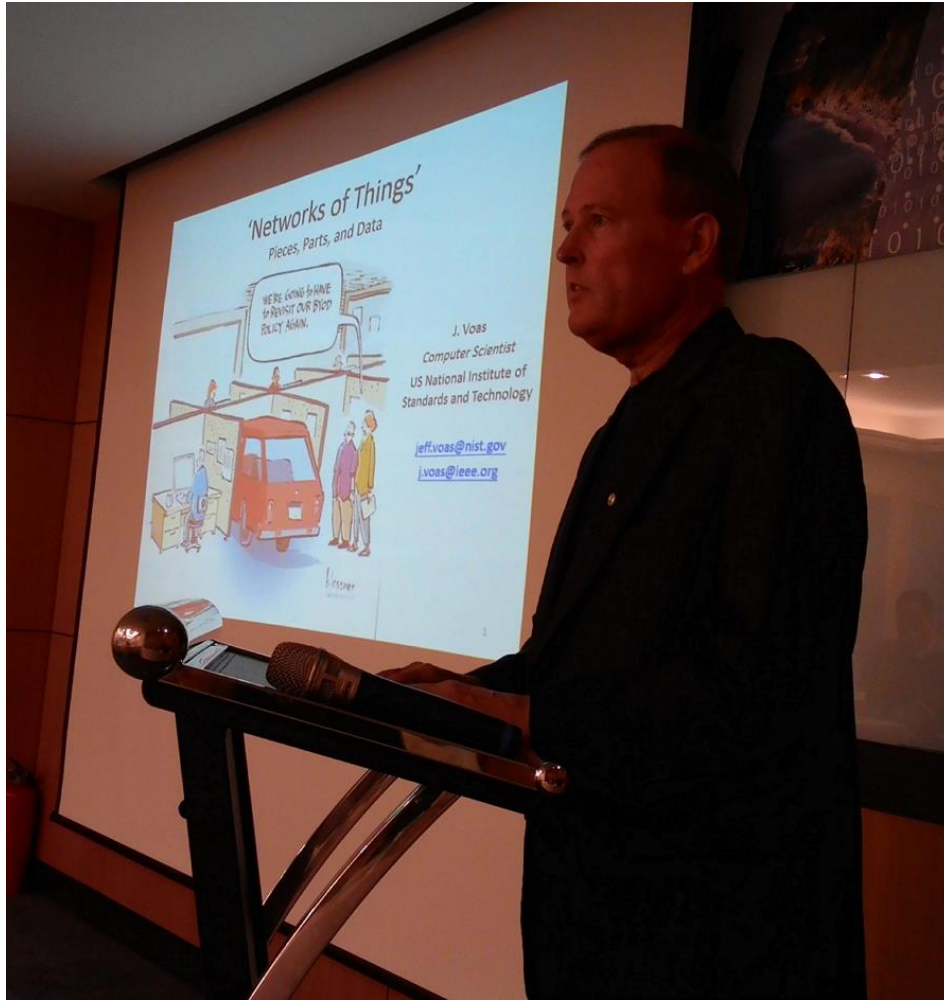
## Computer Classrooms, Movie Studio, Maker Space



# Laboratories



# Enthusiastic Learning



Lecture Seminar

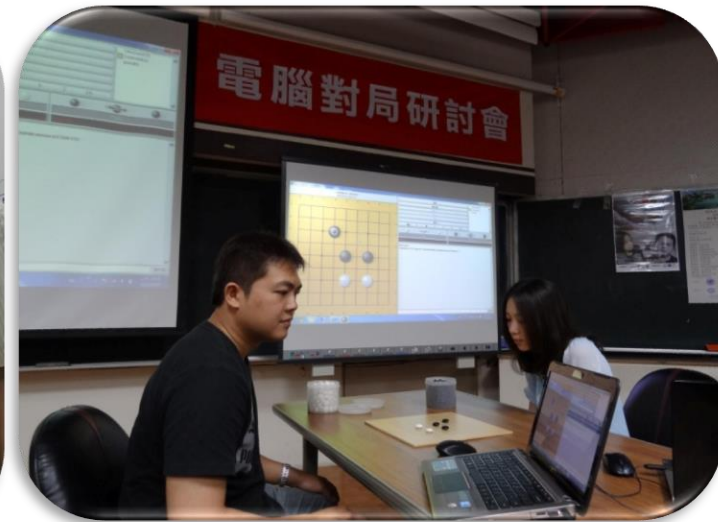


# ~ CSIE Students' Achievements ~



# Great Achievements by our students (in AI field)

- **6 Gold 4 Silver 2 Bronze Prizes** from ICGA Computer Olympic Competition, 2020.
- Chinese Chess Artificial Intelligent Software—**NDHU 7**, successfully challenged human brain for the **World Record**, on June, 30, 2013.
- Chinese Chess Artificial Intelligent Software—**Cold Milk**, won Professional Chess Player (Level 5) in November, 2012.





# Great Achievements by our students



AI+4  
Data Security  
Cloud Gaming  
Computing  
Internet  
Social Network  
MANET, Wiroless  
Fog AR  
IoT  
Blockchain  
VR  
e-Learning  
Internet Security  
K12 Wearable  
FinTech  
Security  
5G  
SDN  
IR

THE 24TH  
**2018 TANET**  
Taiwan Academic Network Conference  
臺灣網際網路研討會@NCU

科技部資訊工程X智慧計算學門成果發表會

## 最佳論文獎

以區塊鏈建置學分幣完成公平的校園選課系統

楊慶隆, 陳識宇, 高語謙, 向思遠, 陸海量, 莊份庭

大會主席

教育部  
資訊及科技教育司代理司長

劉文惠

國立中央大學  
電子計算機中心主任

周立德

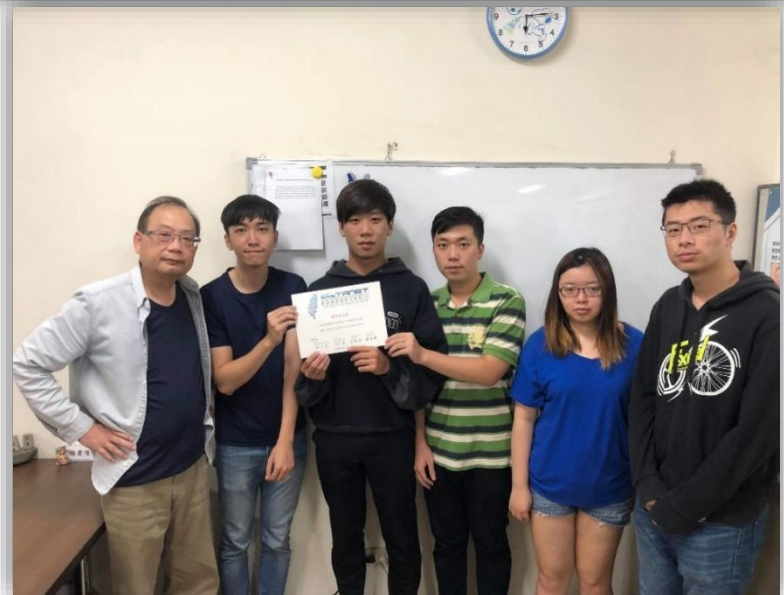
國立中央大學  
資電學院院長

范國清

國立中央大學  
管理學院院長

許東瑜

中華民國 107 年 10 月 24 日



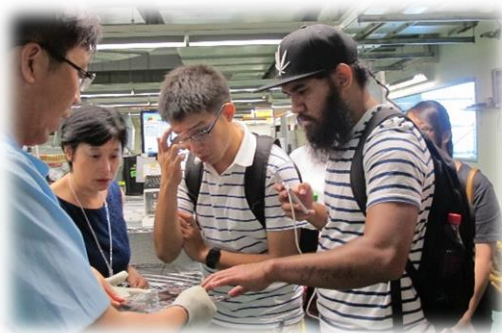
# ~ Study in CSIE ~



# NDHU CSIE - Industrial Visit



# NDHU CSIE - Industrial Visit



# NDHU CSIE - Industrial Visit



# NDHU CSIE - Culture Trip



# NDHU CSIE – 2022 Culture Night



# NDHU CSIE – 2022 Culture Night





# NDHU CSIE – 2022 TICA CUP



# NDHU CSIE – 2022 TICA CUP



# NDHU CSIE , Like A Family



# NDHU CSIE , Like A Family



# Benefits to study NDHU CSIE

- ✓ Comfortable Living Environment
- ✓ NDHU Scholarship for excellent students
- ✓ Great Academic / Research Environment
- ✓ Spacious and Fully Equipped Research Lab
- ✓ Close interaction with professors and classmates
- ✓ Hands-On projects in all research labs
- ✓ Practical Training opportunities on-/off- campus, NDHU Innovation Incubation Center, and allied companies.

# Be Part of the Top Team ~ Join Dept of CSIE, NDHU ~

*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  
<https://www.csie.ndhu.edu.tw/en/>

