




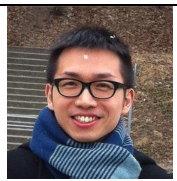




**Chemical Engineering & Biotechnology**  
**Graduate Institute of Chemical Engineering (Master, Ph.D.)**

Position	Name	Phone	Email	Academic Degree	Research Interests
Professor, Chairman, Department of Chemical Engineering	 Yi-Hung Chen	886-2-27712171-25 24	<a href="mailto:yhchen1@ntut.edu.tw">yhchen1@ntut.edu.tw</a>	Ph.D., Environmental Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Biodiesel</li> <li>● Magnetic polymer microspheres</li> <li>● Ozonation technology</li> </ul>
Professor	 Wen-Jeng Guo	886-2-27712171-25 37	<a href="mailto:wjguo@ntut.edu.tw">wjguo@ntut.edu.tw</a>	Ph.D., Department of Chemistry, Rutgers University, U.S.A.	<ul style="list-style-type: none"> <li>● Organic Synthesis</li> <li>● Polymer Membranes</li> <li>● Anti-Flame Materials</li> </ul>
Distinguished Professor	 Shen-Ming Chen	886-2-27712171-25 52	<a href="mailto:smchen@ntu.edu.tw">smchen@ntu.edu.tw</a>	Ph.D., Department of Chemistry, National Taiwan University	<ul style="list-style-type: none"> <li>● Instrumental Analysis</li> <li>● Electrochemistry</li> <li>● Catalytic Chemistry</li> <li>● Bioinorganic Chemistry</li> <li>● Bioelectrochemistry</li> </ul>
Professor, Dean of College of Engineering	 Thomas C.K. Yang	886-2-27712171-10 02 886-2-27712171-25 33	<a href="mailto:ckyang@ntut.edu.tw">ckyang@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, University of Missouri, U.S.A.	<ul style="list-style-type: none"> <li>● Processing of Semiconductors</li> <li>● Packaging of Semiconductors</li> <li>● Biomaterials</li> <li>● Reactor Design</li> <li>● Nanomaterials</li> </ul>
Professor	 Wen-Jang Chen	886-2-27712171-25 44	<a href="mailto:wjchen@ntut.edu.tw">wjchen@ntut.edu.tw</a>	Ph.D., Polymer Science and Engineering, Lehigh University, U.S.A	<ul style="list-style-type: none"> <li>● Polymer Sci. &amp; Eng.</li> <li>● Biopolymer Materials</li> <li>● Environmental Bioprocess</li> <li>● Colloidal &amp; Surface Sci.</li> </ul>
Professor	 Kuo-Chung Cheng	886-2-27712171-25 50	<a href="mailto:gordon@ntut.edu.tw">gordon@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Kinetics of Polymer Synthesis</li> <li>● Polymer Science and Technology</li> <li>● Biosensors</li> <li>● Electro-Optical Materials</li> </ul>
Professor	 Yeh-Fang Duann	886-2-27712171-13 01 886-2-27712171-25 62	f10421@ntut.edu.tw	Ph.D., Department of Chemistry, National Taiwan University	<ul style="list-style-type: none"> <li>● Organic Chemistry</li> <li>● Physical Organic Chemistry</li> <li>● Polymer Synthesis</li> <li>● Light Emitting Material</li> <li>● Liquid Crystal</li> </ul>
Distinguished Professor	 Sheng-Huei Hsiao	886-2-27712171-25 48	<a href="mailto:shhsiao@ntut.edu.tw">shhsiao@ntut.edu.tw</a>	Ph. D., Chemical Engineering, Tatung University	<ul style="list-style-type: none"> <li>● Polymer Synthesis</li> <li>● High Performance Polymers</li> <li>● Functional Polymers</li> </ul>

Distinguished Professor	 Hsu-Wei Fang	886-2-27712171-25 21	<a href="mailto:hwfang@ntut.edu.tw">hwfang@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, University of Maryland, U.S.A.	<ul style="list-style-type: none"> <li>● Biomaterials</li> <li>● Tissue Engineering</li> <li>● Tribology</li> <li>● Microfabrication</li> <li>● Surface Engineering</li> <li>● Biocompatibility of Materials</li> </ul>
Professor	 Kun-Li Wang	886-2-27712171-25 58	<a href="mailto:klwang@ntut.edu.tw">klwang@ntut.edu.tw</a>	Ph.D., Organic and Polymeric Materials, Tokyo Institute of Technology	<ul style="list-style-type: none"> <li>● Polymer synthesis</li> <li>● Dendritic polymers</li> <li>● Electro-optical polymers</li> </ul>
Professor	 Wen-Ta Su	886-2-27712171-25 54	<a href="mailto:f10549@ntut.edu.tw">f10549@ntut.edu.tw</a>	Ph.D., Chemical Engineering, National Tsing-Hua University	<ul style="list-style-type: none"> <li>● Biochemical Engineering</li> <li>● Cell Culture</li> <li>● Tissue Engineering</li> </ul>
Associate Professor	 Teh-Hua Tsai	886-2-27712171-25 01 886-2-27712171-25 43	<a href="mailto:thtsai@ntut.edu.tw">thtsai@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, National Cheng-Kung University	<ul style="list-style-type: none"> <li>● Membrane Separation</li> <li>● Extraction and Ion Exchange</li> <li>● Super-critical Fluid Operation</li> <li>● Phase Equilibria</li> <li>● Transport Phenomena</li> </ul>
Associate Professor	 Tien-Wen Tseng	886-2-27712171-25 38	<a href="mailto:f10403@ntut.edu.tw">f10403@ntut.edu.tw</a>	Ph.D., Department of Chemistry, National Taiwan University	<ul style="list-style-type: none"> <li>● Organo-metal Synthesis</li> <li>● Catalyst Chemistry</li> </ul>
Associate Professor	 Yuan-Yuan Su	886-2-27712171-25 36	<a href="mailto:yysu@ntut.edu.tw">yysu@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, University of Washington, U.S.A.	<ul style="list-style-type: none"> <li>● Polymer Synthesis</li> <li>● Polymer Processing</li> <li>● Computational Fluid Mechanics</li> </ul>
Associate Professor	 Jyh-Cheng Jeng	886-2-27712171-25 40	<a href="mailto:jejeng@ntut.edu.tw">jejeng@ntut.edu.tw</a>	Ph.D., Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Process systems engineering</li> <li>● Automatic control</li> <li>● System identification</li> <li>● Control and diagnosis of semiconductor processing</li> </ul>
Associate Professor	 C.-S. Su	886-2-27712171-25 32	<a href="mailto:cssu@ntut.edu.tw">cssu@ntut.edu.tw</a>	Ph.D., Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Supercritical fluid technology</li> <li>● Fluid phase Equilibria</li> <li>● Drug crystallization</li> </ul>
Associate Professor	 G.-B. Hong	886-2-27712171-25 34 886-2-27712171-47 80	<a href="mailto:lukehong@ntut.edu.tw">lukehong@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, National Taiwan University of Science and Technology	<ul style="list-style-type: none"> <li>● Composite material preparation</li> <li>● Active component extraction technology and effectiveness evaluation</li> <li>● Phase equilibrium separation technology</li> </ul>

Assistant Professor	 <b>Q.-G. Chen</b>	886-2-27712171-25 53	!!HYPERLIN K "G:\f10460 @ntut.edu.tw "f10460@ntu	Ph.D., Chemical and Materials Engineering, National Central University	<ul style="list-style-type: none"> <li>● Biochemical Reactor</li> <li>● Chemical and Biological Sensors</li> </ul>
Assistant Professor	 <b>L.-Y. Lin</b>	886-2-27712171-47 72 886-2-27712171-25 35	lylin@ntut.edu.tw	Ph.D., Department of Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Nanomaterial Synthesis, Electrochemical System Analysis</li> <li>● Energy Conversion and Storage System</li> <li>● Artificial Photosynthesis</li> <li>● Solar Cells, Optoelectronic Materials</li> <li>● Hydrogen Technology</li> </ul>
Assistant Professor	 <b>C. Shu</b>	886-2-27712171-25 27 886-2-27712171-25 75	cshu@ntut.edu.tw	Ph.D., Department of Chemical Engineering, Purdue University	<ul style="list-style-type: none"> <li>● Microbial resistance research</li> <li>● The mechanism of gene regulation</li> <li>● Optimization of medical drugs</li> </ul>
Assistant Professor	 <b>H.-W. Tsui</b>	886-2-27712171-25 27	hwtsui@ntut.edu.tw	Ph.D., Department of Chemical Engineering, Purdue University	<ul style="list-style-type: none"> <li>● Chromatographic procedures chiral molecular separation</li> <li>● Colloid science</li> <li>● Spectroscopic analysis</li> </ul>
Assistant Professor	 <b>W.-Y. Lee</b>	886-2-27712171-25 31	wenyalee@ntut.edu.tw	Ph.D., Department of Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Polymer film process</li> <li>● Field effect transistor</li> <li>● Organic wearable electronic components</li> </ul>
Assistant Professor	 <b>J. Y. Lee</b>	886-2-27712171-25 24 886-2-27712171-47 81	juiyuan@ntut.edu.tw	Ph.D., Department of Chemical Engineering, National Taiwan University	<ul style="list-style-type: none"> <li>● Process design</li> <li>● Process integration and optimization</li> <li>● Process energy savings</li> <li>● Energy systems</li> </ul>
Professor	 <b>ws75624</b>	886-2-27712171-47 01 886-2-27712171-25 25	ws75624@ntut.edu.tw	Ph.D., Bio-Organic Chemistry Brandeis University-Waltham, MA USA	<ul style="list-style-type: none"> <li>● Molecular design</li> <li>● Total synthesis of natural products</li> </ul>
Distinguished Professor	 <b>Hsuan-Liang Liu</b>	886-2-27712171-25 42	<a href="mailto:f10894@ntut.edu.tw">f10894@ntut.edu.tw</a>	Ph.D., Department of Chemical Engineering, Iowa State University, U.S.A.	<ul style="list-style-type: none"> <li>● Structural biology</li> <li>● Molecular simulations</li> <li>● Genetic &amp; protein engineering</li> <li>● Environmental biology</li> </ul>

Professor	 <b>Hsin-Yi Lin</b>	886-2-27712171-25 46	<a href="mailto:hbrunken@ntut.edu.tw">hbrunken@ntut.edu.tw</a>	Ph.D., Biomedical Engineering, Mississippi State University, U.S.A.	<ul style="list-style-type: none"> <li>● Tissue Engineering</li> <li>● Mammalian Cell Culture and Analysis</li> <li>● Biomaterials Development and Analysis</li> </ul>
Associate Professor	 <b>Shao-Yi Hou</b>	886-2-27712171-25 30	f10955@ntut.edu.tw	Ph.D., Department of Chemical Engineering, Texas A&M University, U.S.A.	<ul style="list-style-type: none"> <li>● Gene engineering</li> <li>● Bacteria physiology</li> <li>● Biochemical engineering</li> <li>● Molecular biology</li> </ul>
Associate Professor	 <b>Wendy Wen-Hui Weng</b>	886-2-27712171-25 29	<a href="mailto:wendywwh@ntut.edu.tw">wendywwh@ntut.edu.tw</a>	Ph.D in Medical Genetics Karolinska Institute, Sweden	<ul style="list-style-type: none"> <li>● Molecular cytogenetic study</li> <li>● Cancer research</li> <li>● Drug resistance</li> </ul>
Associate Professor	 <b>Ren-Jei Chung</b>	886-2-27712171-25 47	Chungrj@ntut.edu.tw	Ph.D., Materials Science and Engineering, National Tsing Hua University	<ul style="list-style-type: none"> <li>● Biomaterials</li> <li>● Cell biology</li> <li>● Materials processing</li> <li>● Nanobiotechnology</li> </ul>
Assistant Professor	 <b>Chih-Hung Huang</b>	886-2-27712171-25 49	<a href="mailto:chhuang@ntut.edu.tw">chhuang@ntut.edu.tw</a>	Ph.D., Genetics, National Yang-Ming University	<ul style="list-style-type: none"> <li>● Bacterial genetics</li> <li>● Molecular Biology</li> <li>● Genetic engineering</li> <li>● The Structures and Functions of Strepomyces Telomeres</li> </ul>