



Babol Noshirvani
University of Technology
(BNUT)





Faculty of Electrical and Computer Engineering

Electrical and Computer Engineering concerns a variety of issues such as computers, robots, cell phones, cards, radars, navigation systems, power electronics, power systems and other kinds of electrical systems. Our faculty members train students not only to address the most pressing needs of the modern society in the national and global scales but also to become future leaders who can creatively investigate and resolve the potential challenges of the future.

Research Areas:

- Bioelectronics
- Computer Software Engineering
- Computer Systems Architecture Engineering
 - Control
 - Digital Electronic Systems
- Electromagnetic Fields & Waves
- Electronic Integrated Circuits
- Micro & Nano Electronic Devices
- Power Electronics and Electrical Machines
 - Power Systems
- Telecommunication systems



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Faculty of Civil Engineering

Civil Engineering is one of the oldest and the most important engineering disciplines. It is a versatile profession that aims to make the natural and built environment work together to improve the quality of human lives. As influential figures in every modern society, Civil Engineers are in charge of designing, constructing, and maintaining roads, buildings, bridges, dams, water supply systems, sewer networks, and more.

Research Areas:

- Construction
- Earthquake
- Environmental
- Geotechnical
- Highway and Transportation
- Hydraulic Structures
- Marine Structures
 - Structural



Website: <https://civil.nit.ac.ir/>



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Faculty of Mechanical Engineering

The Mechanical Engineering Faculty provides programs in a wide range of technology fields such as Applied Design, Energy Conversion, Manufacturing, and Marine Engineering in undergraduate and graduate degree programs. With over 40 years of experience and considerable efforts in provision of proper infrastructure as well as educational and research facilities, the faculty has achieved a significant position in the country as well as the region.

Research Areas:

- Computational Fluid Dynamics (CFD)
 - Control and Robotic
 - Dynamic
 - Energy Conversion
 - Manufacturing
 - Mechatronic
 - Naval Architecture-Ship Structure
 - Solid Mechanics
 - Thermo and Fluid
 - Vibration



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Faculty of Chemical Engineering

Chemical Engineering concerns the design, simulation, scale-up, and finally operation of chemical processes (i.e., oil and gas, separation, catalytic, biotechnology, nanotechnology), and also considerate and propose of technology new valuable materials. The Chemical Engineering Faculty provides the best to prepare and educate each student to be a leader and problem-solver for industry, academia, or the public sector.

Research Areas:

- Bio-sensor & Fuel cell
- Catalysis and Porous Nanomaterials
- Computational Fluid Dynamics (CFD)
 - Environmental Engineering
 - Membrane Technology
 - Modeling & Simulation
 - Nano-Tech. & Bio-Tech.
 - Oil & Gas processes
 - Polymer Technology
 - Separation & Purification
 - Tissue Engineering



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Faculty of Materials and Industrial Engineering

The Faculty of Materials and Industrial Engineering emphasizes excellence in education and research, while keeping in par with the growing technology. Due to favorable proportion of faculty members and students, individual students receive personal attention. In executive education programs, the distinguished faculty members share their experiences as thought leaders, researchers and practitioners to better prepare the students to face and address the challenges of today and tomorrow.

Research Areas:

- Biomedical Engineering- Biomaterials
 - Healthcare Systems
- Identification & Selection of Materials
 - Logistics and Supply Chain
 - Metallography
- Nanotechnology & Nanomaterials
 - Systems Optimization
 - Welding Metallurgy



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Faculty of Basic Science

The Faculty of Basic Science encompasses Mathematics, Physics and Chemistry departments. Our people are driven by curiosity to expand fundamental knowledge and to look beyond the borders of their own discipline; their aim is to benefit science, and to make a contribution to addressing the major societal challenges of the future.

Research Areas:

- Algebra
- Analysis
- Atomic & Molecular Physics
 - Chemometrics
 - Condensed matter
- Differential Geometry & Topology
 - Electrochemistry
 - Graph Theory
 - Green Chemistry
 - Neurophysics
- Operation Research
- Physical & Quantum Chemistry
 - Quantum Mechanics
 - Surface Chemistry



Website: <https://bs.nit.ac.ir/>



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International Affairs

The Office of Scientific Collaboration and International Affairs (OSCIA) is a key department of BNUT in charge of international relations, international education, and exchange programs. Working directly under the supervision of the BNUT Chancellor, OSCIA is the primary department for following up the university's strategic plan on a worldwide stage, and acts as a point of contact between BNUT and the international academic community.



Ranking

BNUT is an influential center for academic research in Iran, due to which it has been consistently ranked among the top schools in the country. According to Times Higher Education (THE) World University Rankings, BNUT has been ranked 1st among all Iranian universities for three consecutive years (2018, 2019 and 2020). THE has also ranked BNUT between 351st and 400th among world universities, 66th among the world's young universities, as well as 43rd among Asian universities. BNUT has also been ranked between 801st and 900th (2019) in the world according to Shanghai Academic Ranking of World Universities and 651st in the world by SCImago Institutions Rankings (2019).



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The school was founded in 1970 by the Iranian philanthropist, Seyed Hossein Fallah Noshirvani. During the early years, the complex served primarily as a training center for technical instructors who would teach at community colleges in fields related to engineering. After the Iranian Revolution in 1979, the school merged with the University of Mazandaran (UMZ) to become a College of Engineering and changed its curriculum to offer undergraduate and graduate degree programs in engineering. In 2005, following public demand and supported by donations from people of Babol, the institution started a process of independence from UMZ, during which it was temporarily referred to as "Noshirvani Technical and Education Complex". Since March 2008, BNUT has been an independent public university under the Iranian Ministry of Science, Research, and Technology.



International Student Admissions



Email: international@nit.ac.ir

(Include: full name, student ID #, Affiliation, Describe your request)



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