

Introduction to Nanjing University of Aeronautics and Astronautics!



Briefs of NUAA

Founded on Oct. 20th, 1952

Campus Area (hectare): 171

School Buildings(m²): 751,306

Faculty and Staff: 2,935

Library Collections: 2,020,000

Students: 29,877

Professors: 305

Associate Professors: 469

Lectures: 593

Teaching Assistants: 100

Other staff: 1468

Undergraduates: 15688

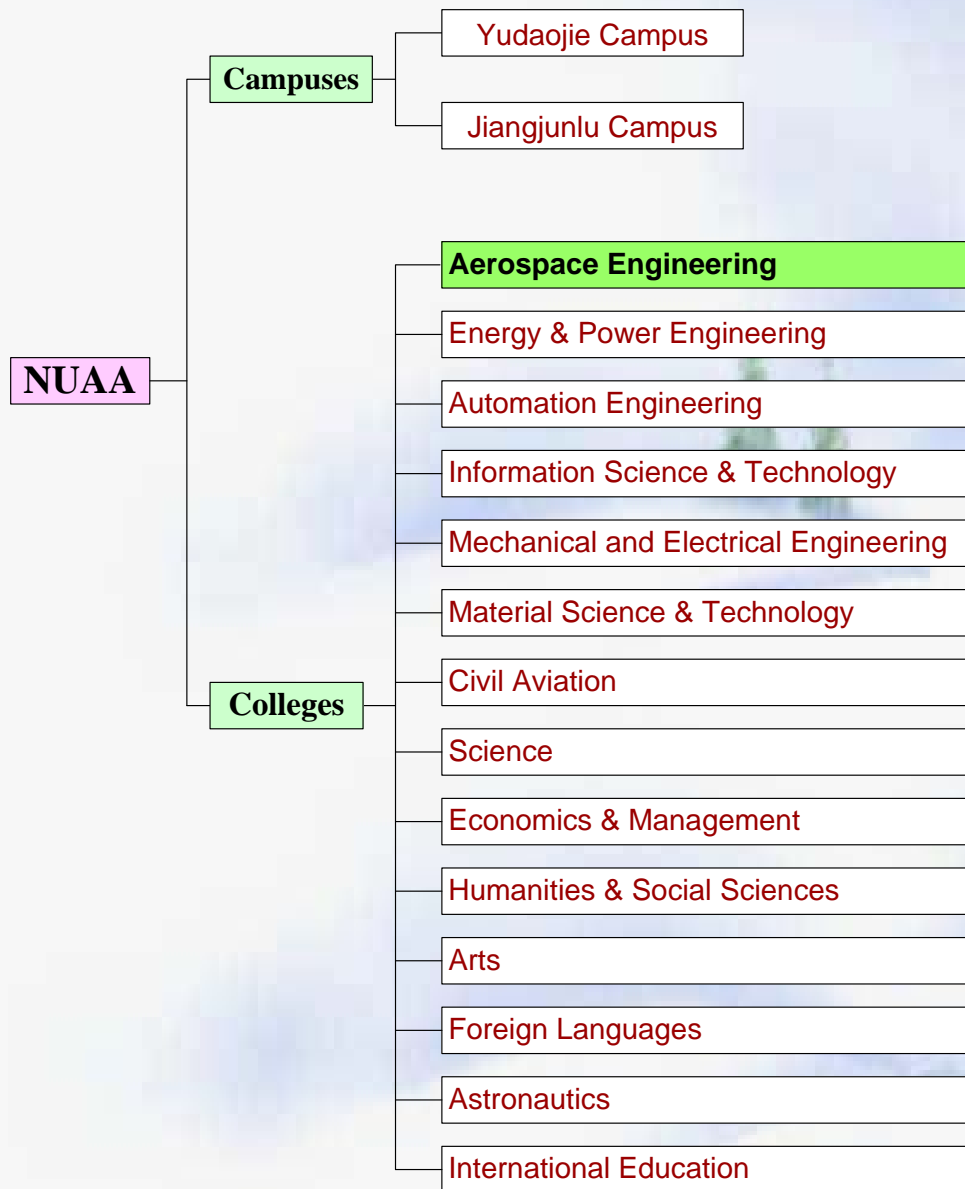
Master students: 5275

Ph. D Students: 1276

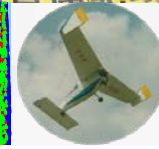
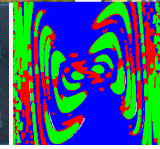
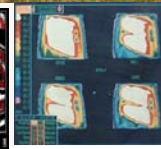
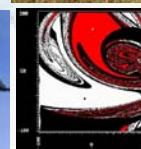
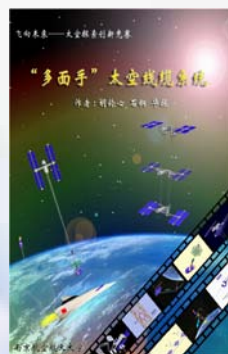
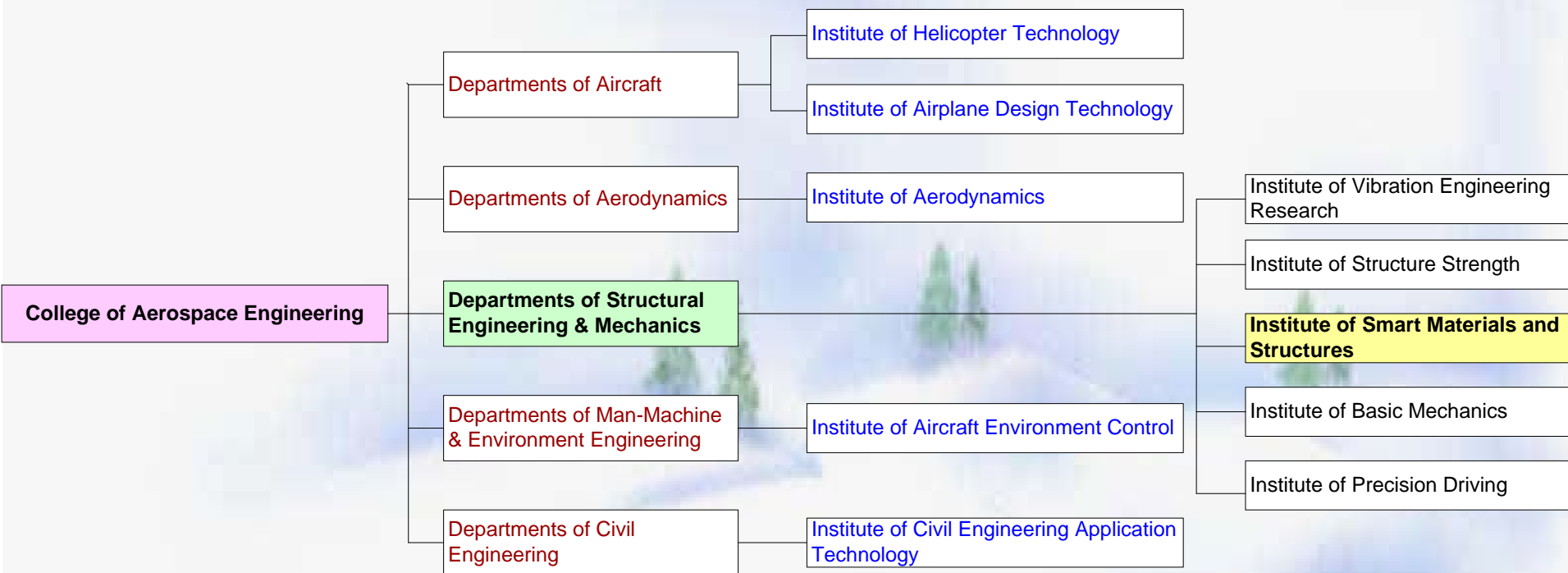
Vocational Students: 5209



Organization of NUAA



College of Aerospace Engineering



Institute of Smart Materials and Structures

Aeronautic Science Key Lab for Smart Materials and Structures

SMS

Organized at NUAU in 1991

Faculty

Area: 2600 m²

Students

Research activities

Professors: 8

Associate Professors: 3

Lectures: 1

Engineer: 1

Ph. D Students: 35

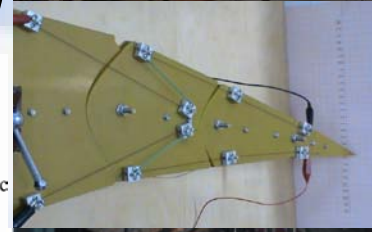
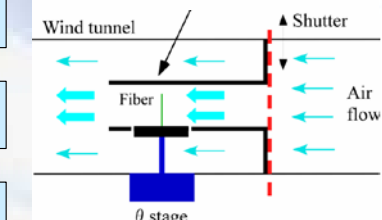
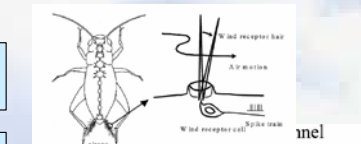
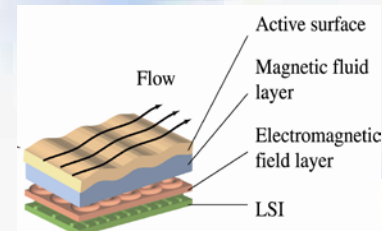
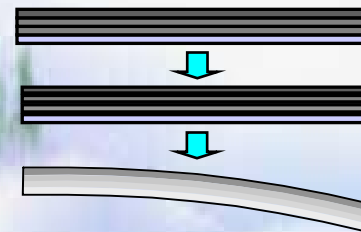
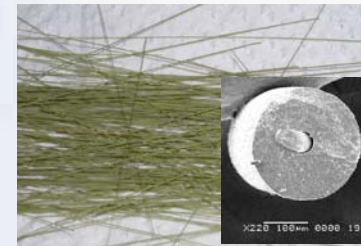
Master Students: 85

Functional Material and Device Development

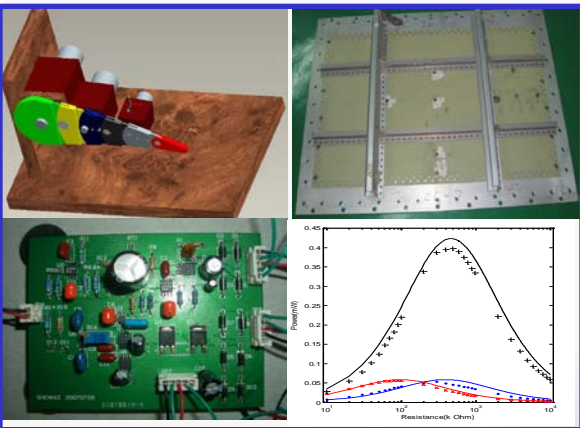
Structural Health Monitoring and Management

Adaptive Structure and Morphing Wing Research

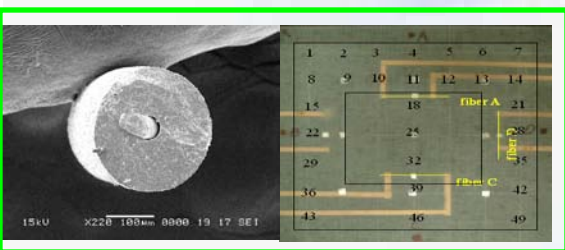
Structural Vibration Control and Noise Suppression



Institute of Smart Materials and Structures



Qiu's Group



Functional Material and Device

Sensor materials and devices

Piezoelectric fiber

Piezoelectric thin film

Piezoelectric stack

Functionally graded piezo actuator

Composite actuator

Environment-friendly materials and devices

Lead-free piezoelectric

Adaptive structures

Adaptive wing

Smart skin

Vibration damping

Noise suppression

Health Monitoring

Energy harvesting

Active structures

Precision driving

Hysteresis control

Driving techniques

Application of SMS

Staff: one professor, one associate professor

Students: 7 Ph. D students, 32 master students

Area: 400 m²

