



NUAA

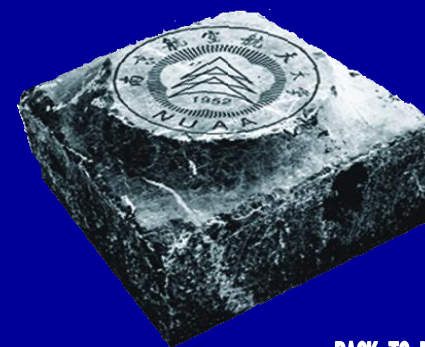
Welcome to NUAA

NANJING UNIVERSITY OF AERONAUTICS & ASTRONAUTICS





1、General Information about NUAA



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History



**Founding of NUAA: Nanjing College of
Aeronautical Industries (1952-1956)**

October 20, 1952



Nanjing Aeronautical Institute (1956 - 1993)

1962: Recruiting Postgraduates

1978: Becoming National Key University

**1981: Becoming one of the First Universities
Awarding Ph.D degrees**



**Nanjing University of Aeronautics and
Astronautics (1993 – Now)**







1996: National “211” Project University

2000: Establishing “School of Graduate”

**2002: Entering the process of becoming
Research-oriented university**



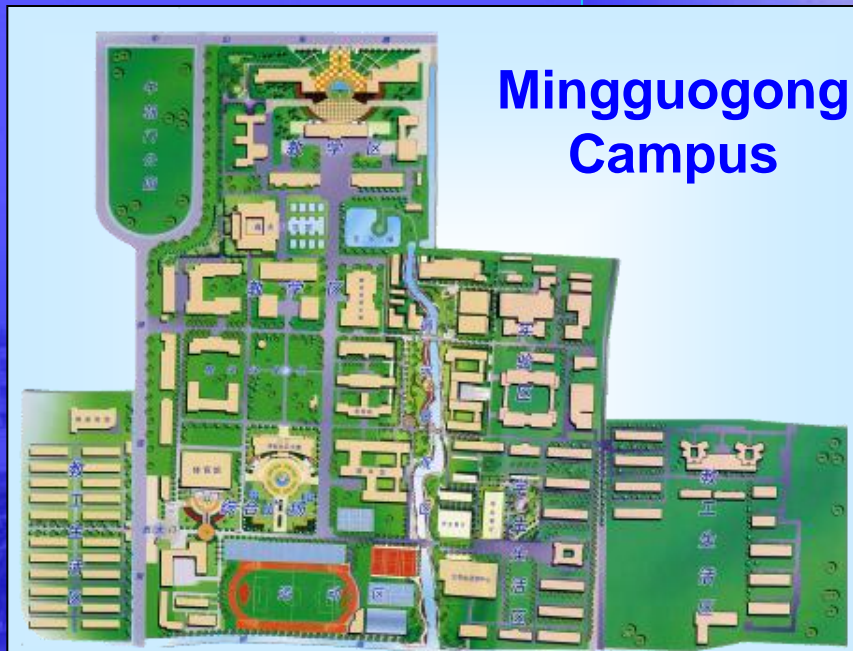
Numerous No.1 in Chinese History of Science and Technology

	1st Light-weight Helicopter		1st Light-weight Vehicle by getting airworthiness certificate
	1st High-speed Unmanned Target drone series		1st Unmanned Helicopter
	1st Unmanned Sampling Vehicle		1st Operational Ultra-sonic motor



Three Campuses

NUAA is located in Nanjing, the ancient capital of six dynasties. Three campuses cover an area of more than 520 acres with a building area of 120, 000 square meters. The library has a collection of printed books over 5, 000, 000 volumes.



Mingguogong Campus



Jiangjunlu Campus



Colleges

College of Aerospace Engineering	College of Science
College of Energy and Power Engineering	College of Economics and Management
College of Automation Engineering	College of Humanity Science
College of Information Science and Technology	College of Arts
College of Mechanical and Electrical Engineering	College of Foreign Languages
College of Material Science and Technology	College of Computer Science and technology
College of Civil Aviation/College of Flight	College of International Education
College of Space Science	College of Continuing Education



Students (Full time & Part time)



Undergraduates

37400

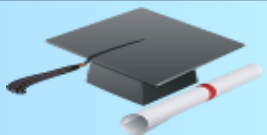


Postgraduates

18900



International Students 2800

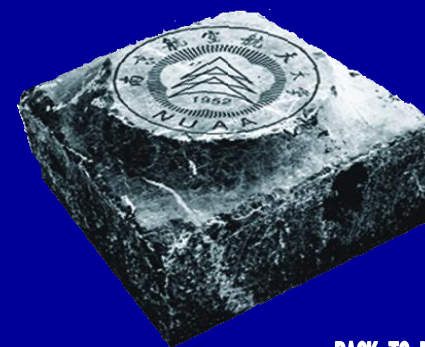


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2、Staff and Disciplines



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Staff



Prof. Chen Da

Academician of CAS



Prof. Zhao Chunsheng

Academician of CAS



Prof. Hu Haiyan

Academician of CAS



Prof. Ben De

Academician of CAS

NUAA has a staff of 3, 800, among whom over 2,200 are faculty members and researchers, including about 1002 professors and associate professors, 11 CAS academicians, 434 Ph.D. supervisors



Programs

Programs for Bachelor Degree (in Chinese) : 60

Programs for Bachelor Degree (in English for international students): 6

Programs for Master's Degree: 137

Programs for Ph.D. Degree: 62

Post-Doctoral Stations: 18



Programs for Int'l Students

Bachelor Degree Programs

- Aeronautical Engineering
- Mechanical Engineering
- Software Engineering and Management
- International Business
- Electrical & Electronic Engineering
- Aircraft Maintenance

Master and Ph.D Degree Programs

Most of the programs for Chinese students are available for international students

All the above programs are delivered in ENGLISH



National Key Disciplines

- ◆ Aircraft Design
- ◆ Fluid Mechanics
- ◆ Solid Mechanics
- ◆ Engineering Mechanics
- ◆ General Mechanics and Fundamentals of Science
- ◆ Man-machine and Environment Engineering
- ◆ Navigation and Control
- ◆ Power and Power Transmission
- ◆ Aerospace Manufacture Engineering
- ◆ Manufacturing and Automation



Leading Disciplines



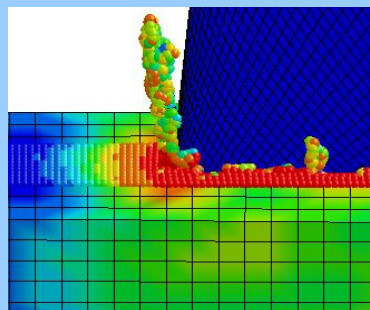
Aircraft Design

Leading in the research areas of **Rotorcraft Technology, UAV Technology, Flight Vehicle Multi-discipline Optimization, etc.**



Engineering Mechanics

Leading in the research areas of **Dynamics and Control, Smart Structure Technology, etc.**



Mechanical Manufacturing and Automation

Leading in the research areas of **Advanced Machining Technology, Precision Manufacture Technology, etc.**



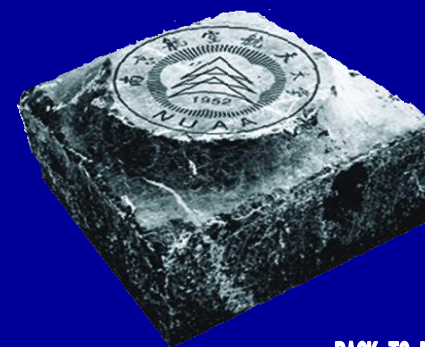
Multi Disciplines

- ◆ **Micro Aircraft Technology**
- ◆ **Precision Actuation Technology**
- ◆ **Bio-mimetic Structure Technology**
- ◆ **High Temperature Magnetic Levitation**





3、 Talent Cultivation



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Teaching Achievements

National and Provincial Awards	93
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National Teaching Awards (1989 – Now)	25
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National Engineering Bases for Fundamental Course Teaching	6
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National Experimental Teaching Centers	12
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National Innovative Talent Cultivation Area	10
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Nationally Planned Textbooks	78
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Teaching and Experiment Facilities



**National Center for
Electrical and Electronic
Teaching**



**National Center for
Mechanics Teaching**



Engineering Training Center



Innovation

More than 1000 NUAA students were awarded about 90 national and international prizes in innovative competitions since 2000.



Hu Linxin, a NUAA student, wins numerous innovative prizes



Campus Academic and Scientific Activities



National Innovative Competition: “Challenge Cup”

“Challenge Cup”, a national innovative competition participated by the students from top universities in China

8th Session: Ranked 8

9th Session: Ranked 5

10th Session: Ranked 2

11th Session: Ranked 3

12th session :Ranked 1



1st Prize in the 10th Session



1st Prize in the 10th Session



1st Prize in the 10th Session



Special Prize in the 8th Session



Special Prize in the 10th Session



Special Prize in the 10th Session



1st Prize in the 9th Se



1st Prize in the 9th Session



1st Prize in the 9th Session



1st Prize in the 11th Session



1st Prize in the 11th Session



**More than 550,000 talents have been cultivated since
NUAA was founded in 1952.**



Employment Rate for Undergraduate

Year Total Items	2020	2021	2022	2023	2024
	3698	3768	4164	4369	4169
<u>Employment rate at end of year(Dec. 20)</u>	<u>99.03%</u>	<u>99.15%</u>	<u>99.06%</u>	<u>99.20%</u>	<u>99.27%</u>
<u>Employment rate at graduation</u>	↓	<u>84.90%</u>	<u>90.03%</u>	<u>91.76%</u>	<u>92.68%</u>
<u>Percentage in Defense Area</u>	<u>15.97%</u>	<u>14.43%</u>	<u>16.31%</u>	<u>17.90%</u>	<u>17.37%</u>
<u>Percentage in Civil Aviation</u>	<u>10.70%</u>	<u>13.18%</u>	<u>14.72%</u>	<u>14.90%</u>	<u>15.52%</u>
<u>Students employed in “Top 500”</u>	<u>86</u>	<u>101</u>	<u>140</u>	<u>179</u>	<u>195</u>
<u>Percentage for Further study</u>	<u>22.28%</u>	<u>26.43%</u>	<u>25.02%</u>	<u>28.89%</u>	<u>30.61%</u>



Employment Rate for Postgraduate

Year Total Items	<u>2020</u>	<u>2021</u>	<u>2022</u>	<u>2023</u>	<u>2024</u>
	<u>1224</u>	<u>1634</u>	<u>1749</u>	<u>1686</u>	<u>1742</u>
<u>Employment rate at end of year(Dec. 20)</u>	<u>99.22%</u>	<u>98.25%</u>	<u>98.57%</u>	<u>99.29%</u>	<u>99.62%</u>
<u>Employment rate at graduation</u>	<u>89.67%</u>	<u>90.46%</u>	<u>85.87%</u>	<u>90.27%</u>	<u>94.60%</u>
<u>Percentages in Defense Area</u>	<u>25.95%</u>	<u>13.77%</u>	<u>24.93%</u>	<u>37.90%</u>	<u>36.62%</u>
<u>Percentages in Civil Aviation</u>	<u>0.78%</u>	<u>1.31%</u>	<u>2.40%</u>	<u>2.14%</u>	<u>1.89%</u>
<u>Percentages in “World Top 500”</u>	<u>5.15%</u>	<u>4.77%</u>	<u>5.72%</u>	<u>5.58%</u>	<u>6.14%</u>



Excellent Alumni



**Wang
Min**
**Secretary
of CCCP
of
Liaoning
Province**



**Lv
Zhushan**
**Governo
r of
Zhejiang
Province**



**Liu
Weiping**
**Governo
r of
Gansu
Provinc
e**



**Yang
Guoqin**
**Vice
director
of CAAC**



**Lin
Zuoming**
**President
of AVIC**



Excellent Alumni



**Hu
Wenming**

**Secretary
and Vice
President
China State
Shipbuilding
Corporation**



Pang Wei

**President
of AVIC
Engine**



**Shi
Jianzhong**

**Vice
President
of
COMAC**



**Luo
Ronghuai**

**Vice
President of
COMAC**



**Wu
Guanghui**

**Vice
President of
COMAC
Chief
Designer of
C919**



4、 Research



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Scientific Research



Late 50s: Beginning of Research Activities

Successful Research of UAV of “Nanhang-1”



1967: Undertaking the research tasks for national defense

Successful Research of Target drones of CK-1



Presently: Fruitful Achievements

Numerous leading research achievements in the areas of **Aerospace Science and Technology, Mechanics, Manufacturing and Automation, Navigation and Control, etc.**

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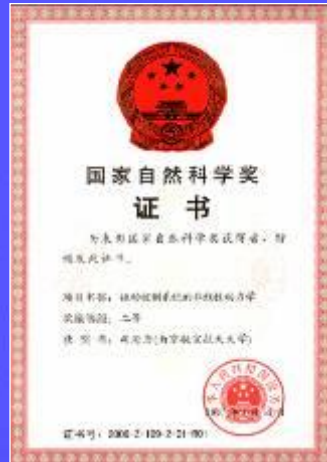
Research Labs and Centres

National Key Lab :	5
National Engineering Centre	11
Provincial Key Labs	17
Provincial Engineering Centres	22
Research Institutions :	150





National Awards: **Natural Science**



**Nonlinear Dynamics of Vibration
Control System 2nd Prize, 2006**

**Rupture of Piezoelectric Material
2nd Prize 2007**





National Awards: **Technology Invention**



New Supersonic Motor Technology

2nd Prize, 2004



**High-performance Precision Casting
Manufacture Technology**

2nd Prize, 2007



National Awards : Progress in Science and Technology



J10 EPU Electronic Control Technology and Simulation Test Devices

2nd Prize 2000



Nonlinear Vibration Isolation Technology Applied in Aircraft

2nd Prize 2005



Key Technology and Devices of Visual Sense Optical Correction by Excimer Laser

2nd Prize 2005



5、 International Cooperation



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International Exchange

Partner Universities and Institutions

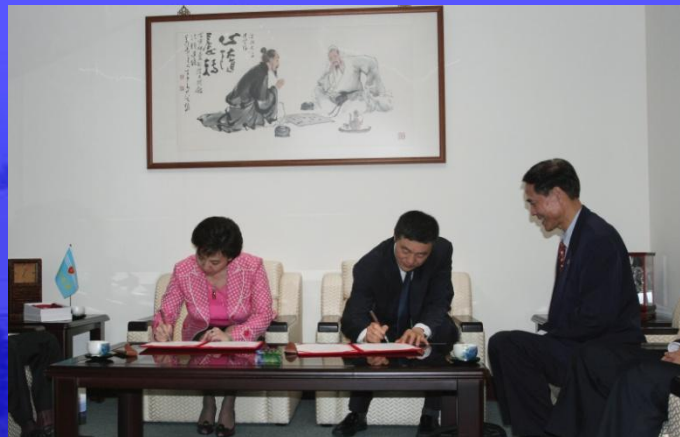
UK	Loughborough Uni	USA	Illinois Uni	Russia	MATI
	Uni of Sheffield		Mississippi State Uni		Kazan State Uni
	Cranfield Uni		Purdue Uni		Ufa Uni
	Uni of Manchester		Maryland Uni	Japan	Tohoku Uni
	Uni of Leeds		Ford Motor Company		Nagoya Uni
	Uni of Edinburgh	Canada	Uni of Waterloo		Kochi Uni
	City Uni, London		Uni of British Columbia	Korea	KAIST
France	Uni Paris-Sud X	Australia	RMIT Uni		Korea Aerospace Uni
	Supelec		Griffith Uni		Inha Uni
	Burgundy Uni		Swinburne Uni	Singapore	National Uni of Singapore
	SUPAERO	Spain	Uni Politecnica de Catalunya		Nanyang Tech. Uni
	ENAC				



Agreement with KAIST, Korea



Agreement with MATI, Russia



Agreement with Tamkang,



Agreement with Airbus



Experts

More than 150 experts are introduced to NUAA every year to make lectures, do joint research work, co-supervisor students, etc.



Nobel Prize Winner, Samuel C. C Ting is making lectures to NUAA students.



Nobel Prize winner James Mirrlees is making lecture at NUAA.



Academic Exchange

NUAA hosts over 25 international conferences and more 2000 academic staff attended international academic conference and activities abroad every year





Student Exchange

More than 2300 NUAA students are sent abroad for exchange study in partner universities.





International Students

Around 2500 Int'l Students are now studying for degrees at NUAA.



The first international student, Asif Iqbal, awarded Ph. D from NUAA



Get-together of Int'l students

OUR MISSION

➤ In 2025, NUAA actively plans to enhance worldwide international cooperation and exchange and establish long-term cooperative relationships with leading Student Recruiting Organizations in over 126 countries. It will also establish 2+2 Programs with over 50 universities in collaboration with their partners.





Thank You!

PRESENTED BY :

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