



## SPECIAL FOCUS

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## North China Institute of Aerospace Engineering

## Overview

Founded in 1978, North China Institute of Aerospace Engineering (NCIAE) is located in Langfang City of Hebei Province, which is 40 kilometers from Beijing, It is co-constructed by State Administration of Science, Technology and Industry for National Defense, China Aerospace Science & Technology Corporation, China Aerospace Science & Industry Corporation and Hebei Provincial Government.

Sun Jiadong, a laureate of the Nation's "Two Bombs, One Satellite" Award, an academician of the Chinese Academy of Sciences, a winner of the State Supreme Science and Technology Award, is the honorary president of NCIAE.

NCIAE comprises 8 schools and 2 departments, with a total enrollment of over 12 000 full-time students including postgraduates and undergraduates. Now it is focusing on engineering education, coordinated by science, management, economics, and literature. NCIAE is deeply committed to an education that fosters innovation and intercultural awareness.

## Scientific Research Introduction

NCIAE possesses two special disciplines for national defense — "Military Computer Application Technology" and "Aeronautical and Astronautical Manufacturing Engineering"; one provincial-level key discipline — "Detection Technology and Automation Equipment"; three provincial-level key development disciplines — "Aeronautical and Astronautical Science and Technology", "Signal and Information Processing", and "Industrial Economics"; 14 national and provincial scientific and technological innovation platforms, including the National and Local Joint Engineering Research Center for Precise Grating Observation and Control Technology and Application, the National and Local Joint Engineering Research Center for Aerospace Remote Sensing Information Application Technology, etc.; 50 laboratories (centers) equipped with advanced teaching and research equipment that value up to RMB 200 million Yuan; the first-level master's degree program of "Aeronautical and Astronautical Science and Technology" and the master's degree program of "Electronic Information". We have strong research strength in disciplines from Precision and Ultra-Precision Machining, Inspection Technology and Automation Equipment, New Materials and Molding Processing, Software Technology, Space Remote Sensing Information Processing and Application to Complex Fluid Mechanics.

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