



上海交通大学
SHANGHAI JIAO TONG UNIVERSITY



Building a World-Class University

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上海交通大學

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Building a Team of Top Talent





Faculty	
Full-time Faculty	3,373
With doctoral degree	2335
Doctoral degree conferred by overseas universities	398
Full professors	763
Associate Professors	1,178



High Talent	
Academicians of Chinese Academy of Sciences	15
Academicians of Chinese Academy of Engineering	18
National "Changjiang" Chair Professors	88
Project Leaders of the National 973 Programs	16
Recipients of National Science Funds for Outstanding Youth	61



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About SJTU —Some Datum

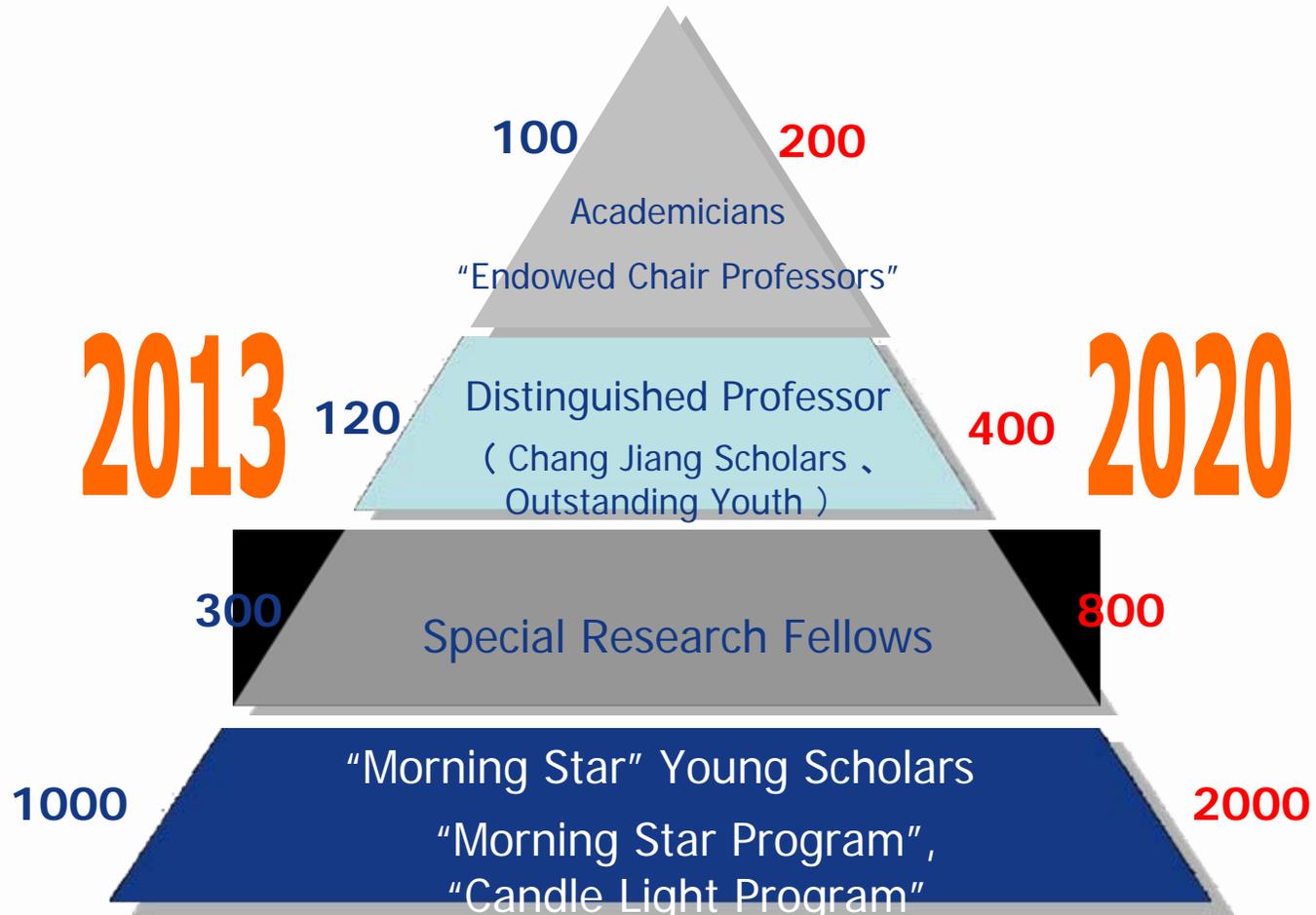
Students

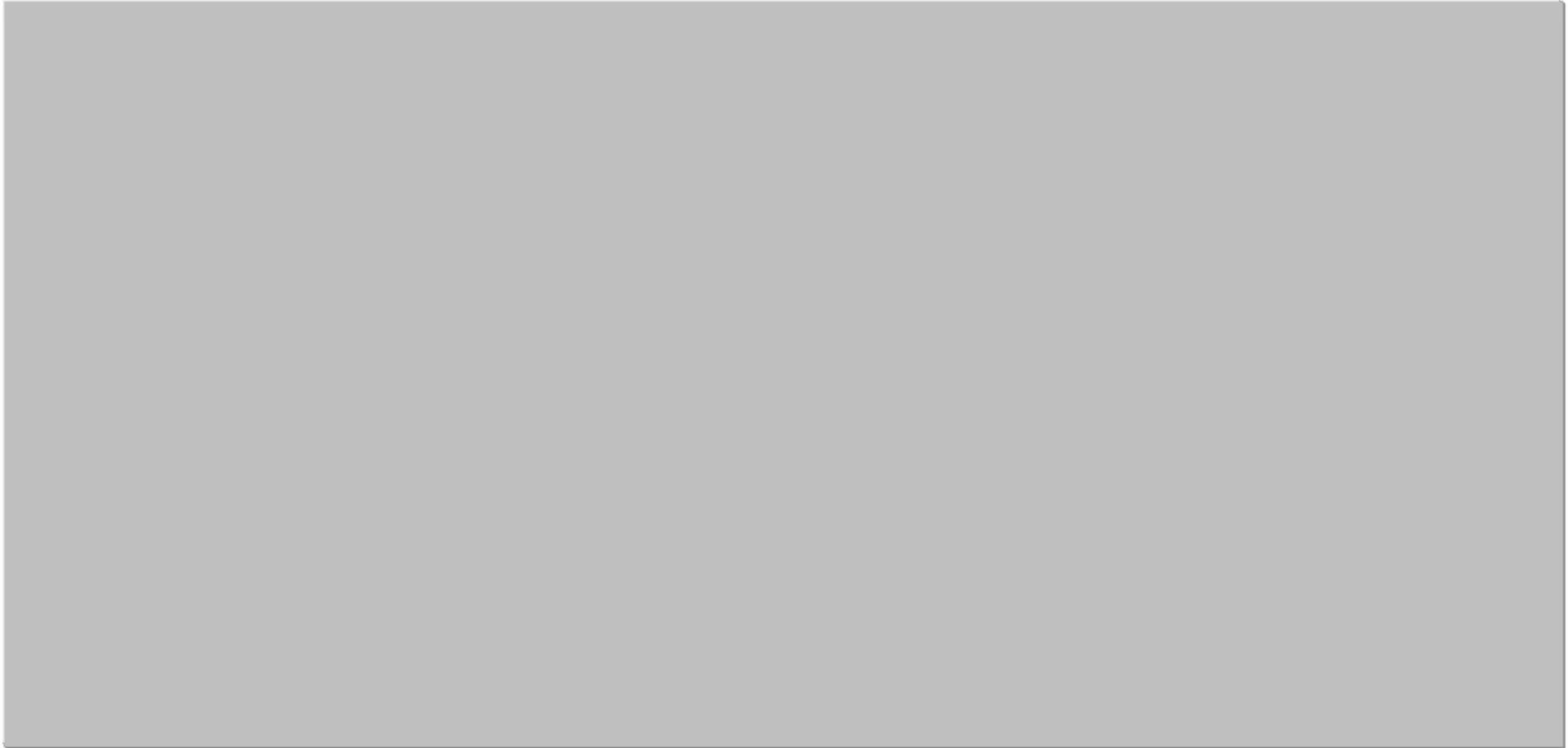
Academic
Programs



Building a Team of Top Talent

A series of plans for introducing and nurturing high-level talents





Since 2007, the university has made significant progress in nurturing greater high-level talent and in honing its faculty structure.



Speeding up the cultivation of talent at all levels,
especially those 35 years old and younger

697 excellent faculty members have been supported by the “Morning Star” and “Candlelight” incentive programs.





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III

Cultivating Innovative Leaders

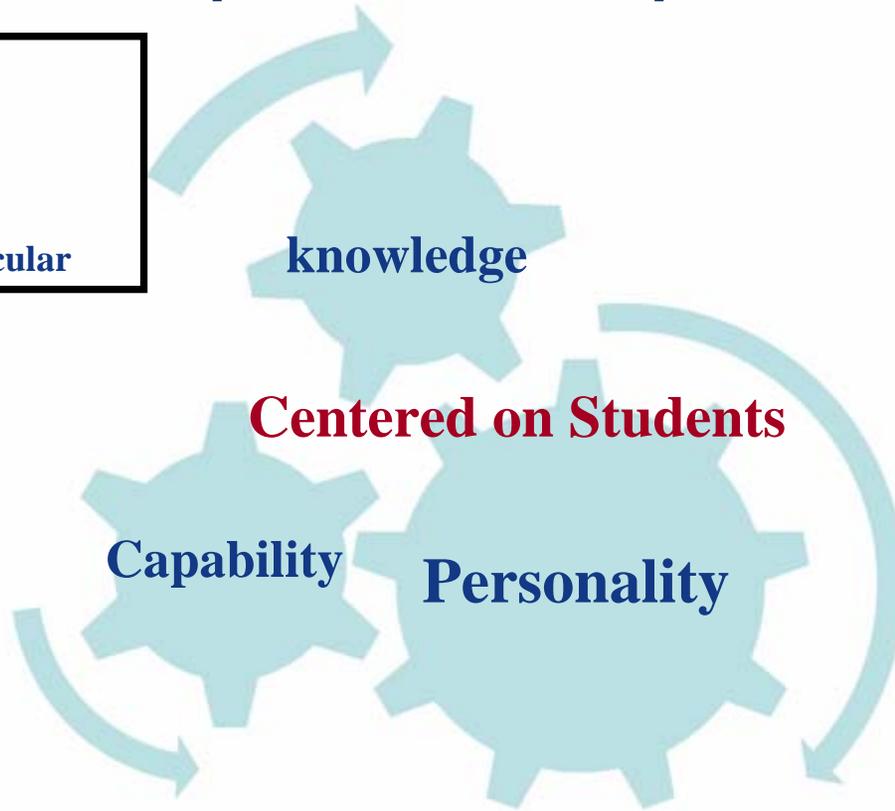




Cultivating Innovative Leaders

SJTU aims to cultivate future leaders with comprehensive capabilities

Teaching plus scientific research
Science plus humanities
Courses plus extracurricular activities



General Education

Practice

Reform Measures
Complementary

Methods
Individuallized

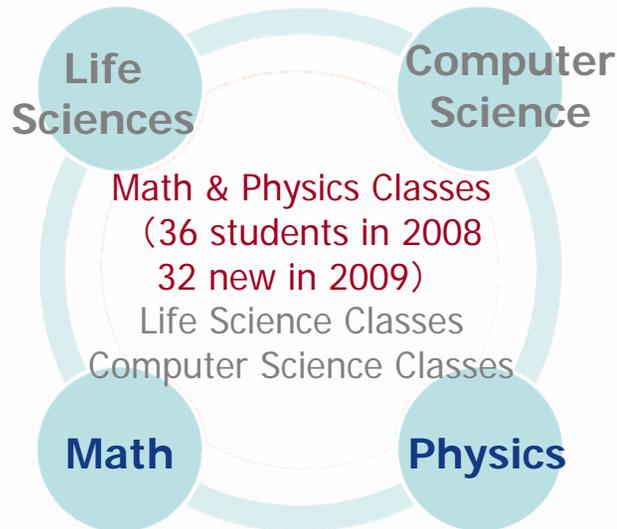
Inheriting fine traditions

“A high starting point, solid foundation, and strict requirements and emphasis on practice and innovation.”



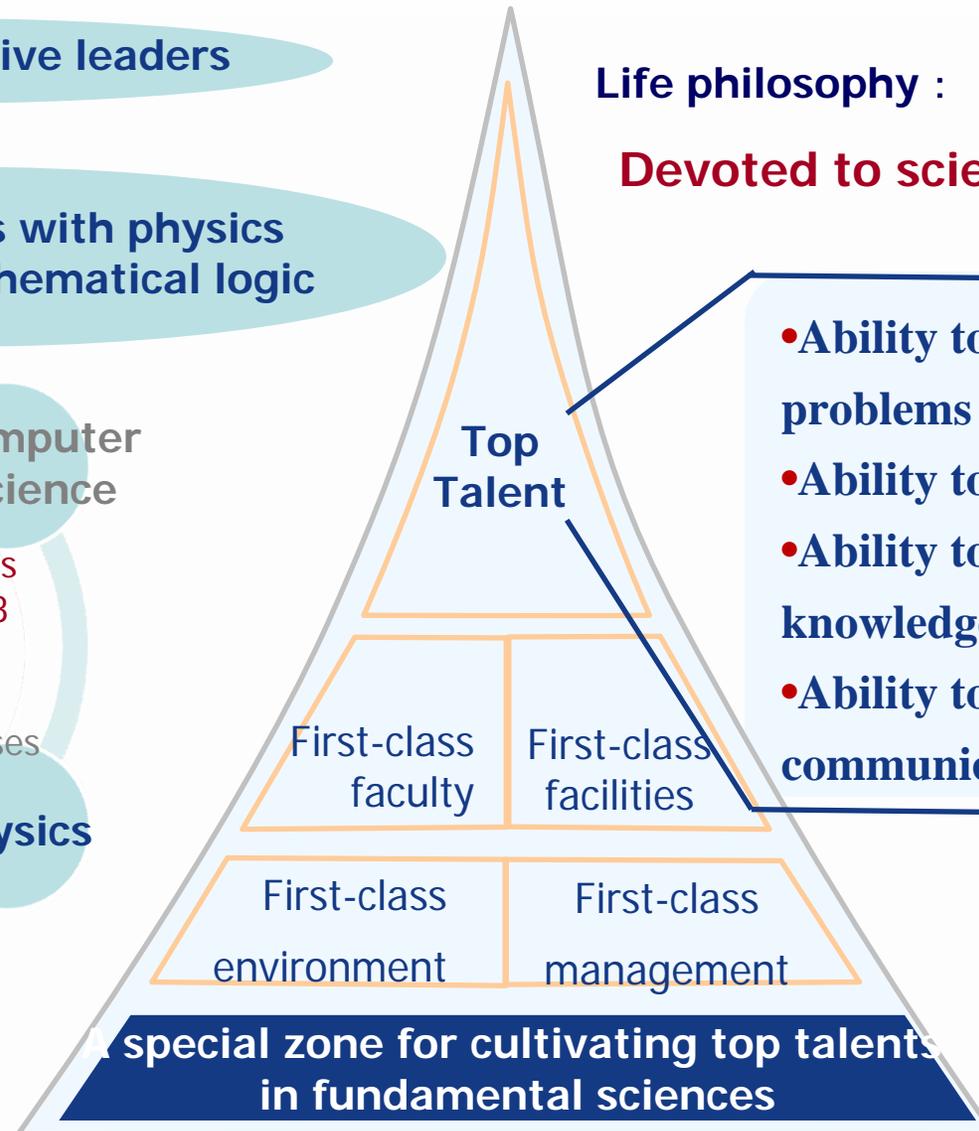
Cultivation of innovative leaders

Nurturing students with physics knowledge and mathematical logic



Life philosophy :

Devoted to scientific research





Nurturing future leaders for industries
Cultivating future design masters in the area of engineering

Interdisciplinary Engineering Talent





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V

International Cooperation & Exchange



In June 2005, SJTU signed an agreement with the University of Michigan (UM) to establish the Joint Institute and conferred UM President Mary Sue Coleman Honorary Doctorate Degree.



In April 2006, the nameplate of “UM-SJTU Joint Institute” was formally unveiled.

Autonomous Management System

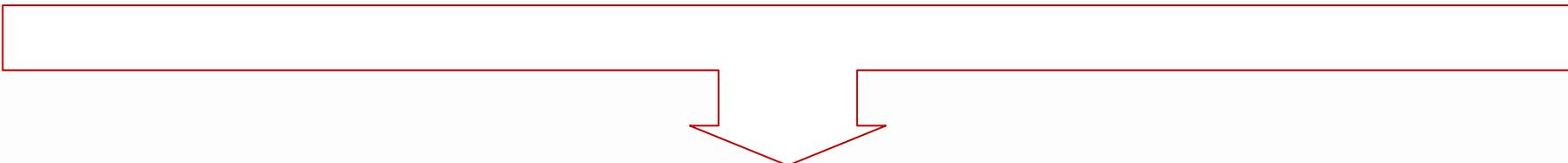
- Board-based governing structure;
- Jointly supported Academic Program Group and Executive Committee;
- Unique Academic Calendar and Credit System;
- Independent faculty hiring and promotion system;
- Operate as an independent financial entity;
- New principles regarding Ph.D. student supervision established for tenured-track faculty of the JI.

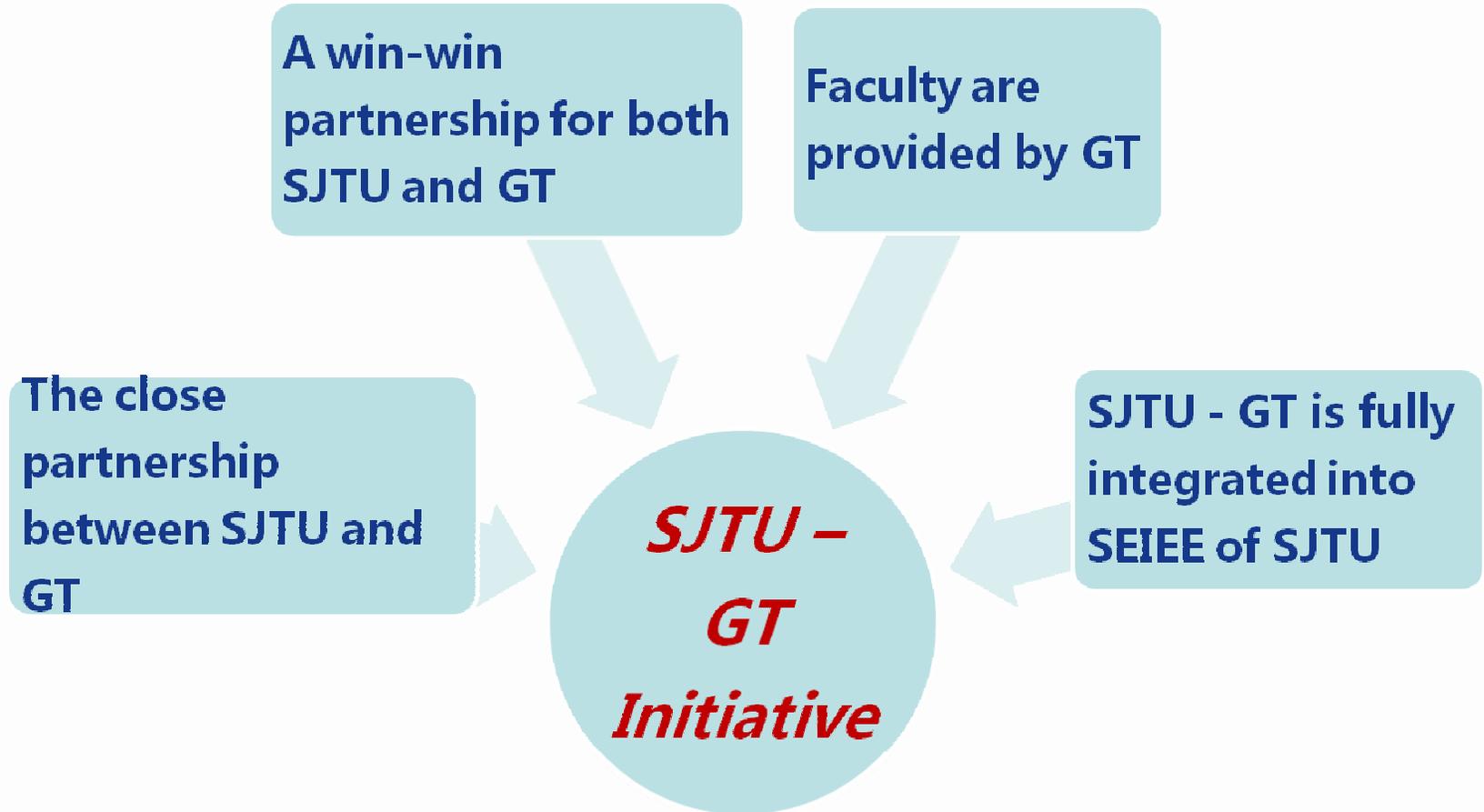
Faculty Hiring and Development System

- All new hires are open to candidates worldwide
- Faculty recruitment according to UM standards
- a number of international faculty and staff
- Clear tenure review requirements and flexible yearly evaluation

Education Model

- Output-focused education objectives
- Major technical courses are closely related or rooted in similar UM courses
- First two years of education can be seamlessly integrated into 13 programs at UM's CoE
- 50% of courses are directly conducted by international faculty
- Emphasis on communication skills
- Significant global experience for every student

- 
- **International Programs**
 - **Student Capabilities**
 - **Successfully building a strong team of core faculty. There are 12 tenured or tenure-track faculty in total.**





5 Others

4 2008

- Atlanta Summer Program

- Distance learning and professional education
- Funded research: 111 projects
- over 500 faculty and students have participated in SJTU - GT programs for at least one term

3 2007

- Chinese Language for Business and Technology (LBAT) Program
- Industrial & Systems Engineering (ISYE) Dual-MS Degree Program

2 2006

- Electrical & Computer Engineering (ECE) Dual-MS Degree Program

1 2005

- Shanghai Summer Program
- Undergraduate Exchange Program
- Sino-US Global Logistics Institute



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1896

1920

1987

2006

With a Glorious Past and Dynamic Present

**SJTU has embarked on its journey to
become a World-Class University!**



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Many Thanks !