Ladies and Gentlemen:

I would like to take this chance to express our warm welcome to our respective friends!

Welcome to China!
Welcome to our university!

President Wang Yue - sen

Welcome to Shijiazhuang TieDao University!
I would like to take this chance to express our warm welcome to our respectable friends! Welcome to China! Welcome to our university!

President
Wang Yue-sen
1. HISTORY
2. EDUCATION
3. KEY DISCIPLINE
4. IMPORTANT ACHIEVEMENT
5. INTERNATIONAL COOPERATION AND EXCHANGE
The university was established in 1950, and joined the Ministry of Railways in 1984, transferred to Hebei Province in 2000. Now it is key university in Hebei as well as in China.
More than 1450 staff, which include 850 academic staff (164 professors, about 400 associate professors and 299 graduate supervisors)
General Facts

- Enrolled Students
  - Undergraduate: 11,800
  - Postgraduate: 1,000

- Roughly 11,800 full-time undergraduate, 1,000 postgraduate.
OUTLINE

1. HISTORY
2. EDUCATION
3. KEY DISCIPLINE
4. IMPORTANT ACHIEVEMENT
5. INTERNATIONAL COOPERATION AND EXCHANGE
EDUCATION

- 46 bachelor's degree program
- 10 master authorization first-level discipline
- 44 master’s program
- 1 National key laboratory cultivation base
- 5 key disciplines at provincial levels
- 4 provincial laboratories and engineering centers
Schools and Departments

- Schools of Civil Engineering
- School of Traffic and Transportation Engineering
Schools and Departments

- School of Mechanical Engineering
- School of Electronics and Information
Schools and Departments

- School of Architecture and Arts Design
- Department of Mechanics
- School of Materials Science and Engineering
Schools and Departments

- School of Economics and Management
- School of Humanities
Schools and Departments

- School of Information Science and Technology
Schools and Departments

- School of Higher Vocational Education
- Si Fang College
Schools and Departments

- Department of Mathematics & Physics
- Department of Foreign Language
Schools and Departments

- Department of Physical Education
Research Institutes (25)

Health Monitoring and Control of Building Structures Institute

Traffic And Transportation Safety Engineering Institute

Traffic Engineering and Technology for National Defense Institute

Geotechnical Institute

Tunnel Engineering Institute

Mechanical Engineering Institute
<table>
<thead>
<tr>
<th>SCHOOL NAME</th>
<th>Majors</th>
<th>Study Orientation</th>
<th>Length of Schooling</th>
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<td>School of Civil Engineering</td>
<td>Civil Engineering</td>
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<td>Underground Engineering</td>
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<td>Geotechnical Engineering</td>
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<td>Railway Engineering</td>
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<td>Road Engineering</td>
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<td>Foreign-related civil</td>
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<td>Security Engineering</td>
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<td>Surveying and Mapping</td>
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<td>Engineering</td>
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<td>School of Economics and Management</td>
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<td>Finance</td>
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<td>Financial Management</td>
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<td>Accounting</td>
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<td>Information Management and Information System</td>
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<td>E-Commerce</td>
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<td>International Economy and Trade</td>
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<td>Logistics Management</td>
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<td>SCHOOL NAME</td>
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<tr>
<td>School of Humanities</td>
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<td>School of Architecture and Arts Design</td>
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## EDUCATION

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<tr>
<th>SCHOOL NAME</th>
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<td>School of Materials Science and</td>
<td>Inorganic Nonmetallic Materials Engineering</td>
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<td>Functional Materials</td>
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<tr>
<td>School of Electricity &amp; Electronic</td>
<td>Electrical Engineering and the autoimmunization</td>
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<td>Engineering</td>
<td>Engineering specialty</td>
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<td>Automation</td>
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<td>Electronic Information Engineering</td>
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<td>Department of Electronics Science &amp; Technology</td>
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<td>Communications Engineering</td>
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<td>SCHOOL NAME</td>
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<tr>
<td>School of Information Science and Technology</td>
<td>Computer Science and Technology</td>
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<td>Software Engineering</td>
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<tr>
<td>Dept. of Foreign Language</td>
<td>English</td>
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</tbody>
</table>
EDUCATION

The national enrollment, and first batch

54 National and Provincial Teaching Achievement Awards

One First-prize of National Teaching Achievement Award

*Multiplex talents training mode study and practice in accordance with their aptitude under the new situation* in 2005

Two Second-prizes of National Teaching Achievement Award

*3 + 1 + 1 talents training mode study and practice in teaching reform* in 2001

*Xibaipo practice teaching of the new model* in 2005
National Teaching Achievement Award (1st-prize)

Multiplex talents training mode study and practice in accordance with their aptitude under the new situation
National Teaching Achievement Award (2nd-prize)

3 + 1 + 1 talents training mode study and practice in teaching reform

Xibaipo practice teaching of the new model
“Excellence” in Undergraduate Teaching Assessment, Ministry of Education in 2006
After 60 years development, the university has cultivated more than 60,000 graduates and trained a lot of famous scholars, experts in engineering and advanced management personnel which are called as “the Youth shouldering the rainbow”
OUTLINE

1. HISTORY
2. EDUCATION
3. KEY DISCIPLINE
4. IMPORTANT ACHIEVEMENT
5. INTERNATIONAL COOPERATION AND EXCHANGE
KEY DISCIPLINE

- Obtaining the qualification of The joint training PhD From the Educational Department in 2003.

- The university was authorized into construction of PHD degree in 2009.
KEY DISCIPLINE

- Yan Scholars
- Doctoral Supervisor
- National Teaching Master
- Winning 2 National Prize for Progress in Science and Technology
- Teaching achievement prizes at the state level
- Major achievement in the Ministry of Railways
- At present, he is in charge of 2 national Projects and 5 Provincial Projects, totaling RMB7,800,000

Professor Du Yan-liang
Research Direction: Health Monitoring and Control of Building Structures
Transportation Engineering Yan Scholars Recruits Posts

• Yan Scholars
• Doctoral Supervisor
• The chairman of the National Nonlinear Vibration committee
• Member of International Federation for the Promotion of Mechanism and Machine Science (IFToMM)
• Winner of National outstanding youth science fund
• Winner of National Prize for Progress in Science and Technology
• At present, he is in charge of 2 national Projects and 3 Provincial Projects, totaling RMB5,520,000.

Professor Yang Shao-pu
Research Direction: Carriage tool system dynamics and control
The Traffic Environment and Safety Engineering
Influential Disciplines

Health Monitoring and Control of Building Structures
Influential Disciplines

Long Tunnel Construction Ventilation and Environmental Control
Influential Disciplines

Geological Long Tunnel Construction Technology of Forecasting and TBM Tunneling Technology
Virtual Reality Technology and its Applications
Influential Disciplines

Nonlinear System Dynamics Theory and Applied Research
1. HISTORY
2. EDUCATION
3. KEY DISCIPLINE
4. IMPORTANT ACHIEVEMENT
5. INTERNATIONAL COOPERATION AND EXCHANGE
IMPORTANT ACHIEVEMENT

- Designed the “Railway Ticket Booking and Sale System”, which is the first edition in China
Succeeded in the development of a ventilation design and assorted machinery tools in the construction of the 18.45 km Qin ling Tunnel, the longest tunnel in China at that time. It solved the long standing problems on long tunnel construction in our country.
Solved the technical difficulties in control during the construction of the Qing-Tibet Railway's Fenghuo mountain tunnel—the highest tunnel in the world.
Developed the first domestic 450t/24m assembled bridging machine for high-speed railway and succeed in hoisting the first domestic 400t-heavy railway box girder.
succeeded in solving the problem of controlling the speed raising locomotive and bridge vibration, which ensured safety in railway speed-up.
Completed the design of 900t/24m bridge girder erection machine used in the Beijing-Shanghai high speed railway construction, which is one of the heaviest bridge girder erection machines in the world.
IMPORTANT ACHIEVEMENT

- To use the knock-down 1000t-heavy gantry crane designed by us to reload the heaviest machine in Asia.
completed the timely long term security protection of the Wuhu grand bridge, Liaohe river grand bridge and the Huanghe river bridge.
As one of the main members, we designed the Jixianghao shield machine, which was the first domestic large tunnel boring equipment for construction.
WZ330 type hoe loader, primarily developed by us, was put into commission in September, 2009.
STDU was ranked at 61st in the top 100 universities in China according to the data announced by Hong Kong YiLing Consulting Company in 2006.
STDU also was placed in the top 25 Chinese universities in the statistical order of university winning “the 2008 annual national science and technology awards”, published by the Scientific Development Center of the Ministry of Education.
1. HISTORY
2. EDUCATION
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5. INTERNATIONAL COOPERATION AND EXCHANGE
INTERNATIONAL COOPERATION AND EXCHANGE

- Friendly university visiting
- University-enterprise Cooperation
- Academic Exchange
- Outstanding alumni
- Summer Camp for Foreign students
- Foreign Teachers
Friendly university visiting

- A Delegation from FAR EASTERN STATE TRANSPORT UNIVERSITY Visited Our University
Friendly university visiting

Visiting From Hongkong and National Taiwan University
INTERNATIONAL COOPERATION AND EXCHANGE

◆ Friendly university visiting
◆ University-enterprise Cooperation
◆ Academic Exchange
◆ Outstanding alumni
◆ Summer Camp for Foreign students
◆ Foreign Teachers
A Delegation from PEC+S in Germany Visited Our University
INTERNATIONAL COOPERATION AND EXCHANGE

- Friendly university visiting
- University-enterprise Cooperation
- Academic Exchange
- Outstanding alumni
- Summer Camp for Foreign students
- Foreign Teachers
Prof. Alain Pierre Leger from French Academy of Sciences was awarded guest professor.
V. Vitanov, Professor and Director of Computer Science Department of Durham University, Director of British electronic engineer association, come to our university for a 8-day Academic communication.
International Cooperation and Exchange

- Friendly university visiting
- University-enterprise Cooperation
- Academic Exchange
- Outstanding alumni
- Summer Camp for Foreign students
- Foreign Teachers
Yu Hai-sui, Vice President of Nottingham University, outstanding alumni, was awarded Guest Professor.
INTERNATIONAL COOPERATION AND EXCHANGE

- Friendly university visiting
- University-enterprise Cooperation
- Academic Exchange
- Outstanding alumni
- Summer Camp
- Foreign Teachers
Canadian Students Come to Our University for Chinese Language Learning
INTERNATIONAL COOPERATION AND EXCHANGE

- Friendly university visiting
- University-enterprise Cooperation
- Academic Exchange
- Outstanding alumni
- Summer Camp for Foreign students
- Foreign Teachers
Foreign Teachers
Ladies and Gentlemen:

I would like to take this chance to express our warm welcome to our respective friends!

Welcome to China!
Welcome to our university!

THANKS!