

河北科技大学

HEBEU

University of
Science and Technology





河北科技大学



0304734



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■ 校长 常福教授
111 Changfu: President and Professor

Hebei University of Science and Technology is a highly competitive University in Hebei Province. Created in 1996 by Program of Regulation of Hebei Universities and the approval of State Education Commission, it is composed of the formerly named: Hebei Institute of Mechano-Electric Engineering; Hebei Light and Chemical Engineering Institute and Hebei Workers' University of Textile Industry. It is a multicampus: West Campus, Central Campus and East Campus. Three campuses are all located in Shijiazhuang, the capital of Hebei Province. The central campus is headquartered. The University covers the area of about 47.5 hectares, and the building area is about 320,000 square meters.

The University is a coeducational institution of high learning which offers the sciences, liberal arts, economics, management science as well as engineering. It is academically supported by eleven departments offering undergraduate courses, five departments offering fundamental science courses, and the College of Adult Education. The University provides twenty nine specializations for bachelor's degree; one specialization for the second bachelor's degree. Environmental Science and Engineering and Application of Electronic Technology are the most important province-level subjects. Mechanical Manufacture and Automation, Chemical Technology and Management Science and Engineering are authorized to grant master's degree.

The University is based on the undergraduate study and developed to the graduate study, including the enlarging of the adult education and the high vocational education, 8306 full-time students, 3672 adult students study in it. 2476 faculty members serve for it, among them there are about 1200 teachers, 950 professional teachers, 73 full professors and 465 associate professors. 7 teachers are nationwide famous for their honorable distinctions, 10 young-middle-aged teachers win

the experts in Hebei Province and 20 teachers receive the honorable allowance offered by the government.

The faculty members are making their great efforts to push the educational reform forward, to strengthen the management of subjects and to make the improvement of educational quality and its benefit. Approximately 30,000 qualified students graduated from it and make great contribution to Hebei economy and to the society, which has great influence in Hebei Province.

The University attaches great importance to the scientific research work and additional 200 scientific research programs have been undertaken since its founding. Great efforts have been made to get 10,000,000 yuan available for scientific research work. The newspaper and academic journals sponsored by it are Hebei University of Science and Technology; Journal of Hebei University of Science and Technology, Hebei Journal of Industrial Science and Technology and Study on High Education.

The University practises national and international cultural exchanges and keep the friendly cooperations with more than 20 domestic universities and many foreign ones in America, Britain and Japan.

On the basis of the principle of putting the qualified faculty members in the first place, improving the educational quality, balancing the solemn and active atmosphere and emphasizing its benefits, it makes full use of the favorable opportunity to regulate its subjects to deepen the educational reform and develop it to the first-class University in Hebei Province at the beginning of the next century.

■ 西校区校门

Front Gate of West Campus

■ 中校区校门

Front gate of Central Campus

■ 东校区校门

Front gate of East Campus





公共设施

COMMONS AND FACILITIES

河北科技大学多渠道筹措经费, 努力改善办学条件。学校固定资产总值达 1.5 亿元, 教学科研仪器设备总值 5000 万元, 教学用计算机近 1500 台。学校设有 5 个实验室和两座实习工厂, 3 个图书馆藏书近百万册。建有现代教育技术中心、分析测试中心、语言听力室等。学校建有省级重点实验室—河北省机电一体化工程技术中心(石家庄)和河北省高校化工中试基地。校园网已同“中国教育科研网”及国际互联网开通。学校还建有全国 CAD 工程应用网络北京中心石家庄培训站。公共设施的不断完善, 为提高教学质量和科研水平提供了条件。

Hebei University of Science and Technology tries in every possible way to raise money to improve its condition. The fix assets totally reach 150 million yuan and all kinds of facilities used for the scientific research work totally cost up to 50 million yuan. There are 1500 computers. Located at the University are 88 laboratories, 2 factories for practice teaching, and 3 libraries with the collection of over 1,000,000 volumes. the research center for modern education, the center for test and analysis, the language laboratory with modern equipment. 2 important laboratories which are of province-level are founded at the University: Hebei



Engineering Technology Center of Mechanical and Electrical Integration and Chemical Testing Base of Hebei Universities. The network in the University Computer Center serves nationally to the State Education and Scientific Research and internationally to the world. Shijiazhuang Training Center of Beijing National CAD Engineering Applied Network stands at the University. Now the public facilities are being perfected to meet the overall needs of the scientific research work and the particular needs of teaching and learning.





■ 全国CAD工程应用网络北京中心石家庄培训站
Shijiazhuang Training Center of Beijing National CAD Engineering Applied Network



■ 校园网
University Computer Website



■ 现代教育技术中心微机室
Computer Center for Modern Education





■ 游泳池
Swimming Pool



■ 分析测试中心
Center for Test and Analysis.



■ 教学楼
Buildings for Teaching and Learning
Activities.





■ 语音听力室
Language Laboratory



■ 学生公寓鸟瞰
Students' Dormitories



■ 东校区实验楼
Laboratory Building at East Campus



■ 河北省高校化工中试基地
Chemical Testing Base of Hebei Universities



■ 河北省机电一体化工程技术中心(石家庄)
 Hebei Engineering Technology Center of Mechanical and Electrical
 Integration (Shijiazhuang)





■ 化工环工实验楼
Building for Chemical and Environmental Experiments



■ 东校区办公楼
Administrative Building at East Campus



学科建设

PROGRAMS AND SPECIALIZATIONS

河北科技大学以院校调整合并为契机,适应河北省经济社会发展的需要和科技革命迅猛发展的形势,按照“以工为主,理工结合,文理渗透”的学科调整原则,不断调整学科专业结构,加强新兴学科建设,积极促进学科间的交叉、渗透和融合,建立学科的群体结构,形成了以工科为主,兼有理科、文科、经济学科和管理学科等多科发展的格局。

现在学校着力建设机械制造及其自动化、化学工程、管理科学与工程三个硕士学位点和环境工程、计算机应用与技术、检测技术与自动化装置、材料科学与工程、纺织化学与染整工程等学科,以此促进新学科的增长和学科群的形成,促进教育质量和科研水平的提高。

Hebei University of Science and Technology, to satisfy the requirements for Hebei economy and society and the rapid development of science and technology, takes the combination of three colleges as a favorable opportunity and gradually regulates its subjects which are characterised by concentrating on engineering, mixing science with technology, and infiltrating natural science into liberal arts. With the accomplishment of the mixture and the infiltration, it offers such subjects as engineering, science; technology; liberal arts, economics, management studies and etc, at the same time develops new subjects. At present, the University puts the emphasis on the specializations such as environmental engineering, computer science and technology, testing technology and automation advice, material science and engineering; textile chemistry and engineering of dyeing and finishing as well as on the three master's programs in mechanical manufacture and automation, technology of chemical industry, management science and engineering so as to accelerate the development of the new specializations and the improvement of the educational quality and scientific research work.



■ 国内 8 所重点大学的 10 位专家在校论证我校的学科专业建设
Ten experts from eight prominent universities are assessing the subjects and specializations of the University.

■ 校学术委员会召开会议

The academic committee of the University is holding a meeting



机械制造及其自动化学科是河北省经济建设主学科,是学校首批获得硕士学位授予权的学科,现有教授5人,副教授9人,主要研究方向为车间柔性自动化系统(车间级CIMS)、机械CAD/CAM、机械制造中的强度与振动。1992年以来,有12项成果通过省部级以上鉴定,获部级以上奖励6项,出版著作20部,发表学术论文154篇,目前承担国家“863”项目1项,国家自然科学基金项目和省重大科研项目多项。

Mechanical Manufacture and Automation is an important subject in Hebei economic development and is first time authorized to grant the Master's degree in the University. 5 professors and 9 associate professors devote themselves directly to the subject. Its studies include the following areas of concentration: shop flexible automation system (program of plant CIMS), CAD/CAM and stress and vibration in mechanical manufacture. Since 1992, good appraisal of 12 programs has been made by Ministry and Province, among which 6 programs have been awarded. More than 20 books and 60 papers in the subject have been published. Many scientific research programs state-funded and province-funded have been undertaken and the state-level 863 program is distinguished among them.



■ 河北省劳动模范、青年教授岳彦芳博士在进行三维机械结构设计

Yue Yanfang, a young professor with PH.D., is designing 3D mechanical structures. He won the title of model teacher in Hebei Province.

■ 国家863高科技计划(自动化领域CIMS主题)项目--拟实(虚拟)制造体系结构研究

Study on System Construction of Virtual Manufacturing--the project 863 in the state-level science and technology plan.



化学工艺学科是河北省经济建设主干学科,是学校首批获
 得硕士学位授予权的学科。现有教授7人,副教授29人。已
 形成有机化工新工艺开发、医药中间体合成、工业催化、反应
 工程、粉体超细化及改性等几个主要研究方向。1992年以来,
 完成科研项目30余项,达到国际先进水平的13项。获国家省
 部级科技进步奖10项,其中,国家级奖3项。在国内外重要
 学术刊物和学术会议发表论文400余篇,出版学术专著3部。
 目前该学科承担国家、省部级科研课题30余项,其中国家和
 省自然科学基金项目10项。

Chemical Technology is an important subject in Hebei economic develop-
 ment and is first time authorized to grant the master's degree in the University.
 7 professors and 29 associate professors devote themselves directly to the
 subject. Its key research programs include the development of new technology
 of organic chemistry, the compound of medicine intermediate industry cataly-
 sis, reaction engineering, and powder superfineness and modifiability. Since
 1992, about 30 scientific research programs have been completed, among which
 13 programs reach the advanced world-level and 10 programs are awarded the
 prize for the progress in science and technology by Ministry and Province and
 2 programs are awarded by State. 6 books have been published and about 300
 papers have been put in the national and international popular journals. At
 present, approximately 30 scientific research programs are in process, which are
 of the state-level, ministry-level and province-level, including 5 programs funded
 for the natural science by State and Province.



■ 赵地顺教授(左)在进行酯化反应动力学研究
 Zhao Dishun (on the left), a vice-president and professor, is making
 the research on the dynamic reaction of esterification.



■ 博士后刘社田教授(左三)向全国人大和省
 人大代表介绍本学科研究成果

Lu Shetian, a professor with past Ph.D., in-
 troduces the achievements in the deputies of the subject
 to the National and Provincial People's Congress.

Created in 1978, Management Science and Engineering is first time authorized to grant the Master's degree in the University. 3 professors and 10 associate professors devote themselves to the subject and a group of young faculty members are of the capacity to do research and of the promise as excellent teachers. The laboratory equipment costs up to 1200,000 yuan. Its key research programs include decision theory and application, economic system and engineering, enterprise system and engineering, industrial engineering, decision and its supporting system. More than 20 scientific research programs have recently completed, including 863 state-level program and several province-level programs which belong to important soft-science programs. More than 80 papers and 6 books in the subject have been published and 14 teaching books are publicly put into use.

管理科学与工程学科始创于1978年,是我校首批具有硕士学位授予权的学科,现有教授3人、副教授10人,拥有一支结构合理后备力量强的学术队伍。拥有120万元的实验室设备。决策理论与应用、经济系统工程、企业系统工程、工业工程、决策与决策支持系统是管理科学与工程学科的主要研究方向,近年来承担并完成科研项目20多项,其中包括国家“863”项目一项,省重大软科学项目多项。共发表论文80多篇,出版学术专著6部,统编教材14部。



■ 贾雨文教授在他主持的省重点软科学项目鉴定会上答辨
Prof. Jia Yuwen is answering questions on the important province-level soft-science project at the appraisal meeting.



■ 工业工程实验室
Industry Engineering Laboratory