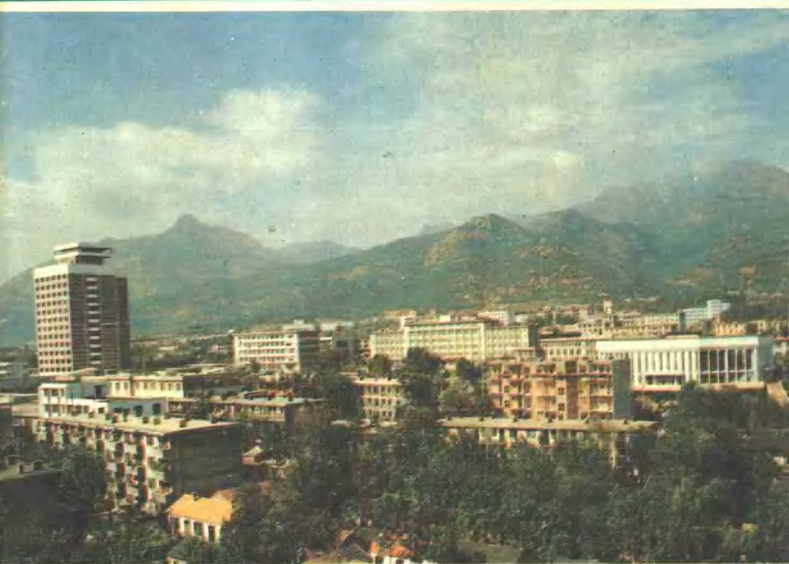




SHANDONG INSTITUTE OF  
MINING AND TECHNOLOGY

TAIAN SHANDONG CHINA



山東礦業學院

中国

泰安

勤 奮 求 實  
團 結 進 取

山東礦業學院校風  
李 子 行

The Motto of the Institute: Be united, enterprising,  
diligent and realistic.

## 贺 词

值此山东矿业学院建校三十周年之际，  
谨向你们表示衷心的祝贺！

过去的三十年，你院坚持社会主义的  
办学方向，严谨治学，精心育才，为发展  
我国的煤炭教育事业做出了贡献。在改革、  
开放的新形势下，希望你们继续发扬勤奋、  
求实、团结、进取的优良校风，把山东矿  
院办成一所适应我国煤炭事业发展需要的、  
具有特色的高等学校，为实现四个现代化的  
宏伟大业而努力奋斗！

中国统配煤矿总公司

一九八八年七月七日

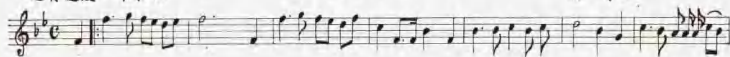
杏壇遺風  
祝賀山東礦院  
建校三十周年  
梁步庭題

## 山东矿业学院院歌

进行速度 雄壮地

SCHOOL SONG

邓 东词  
杨 宁曲



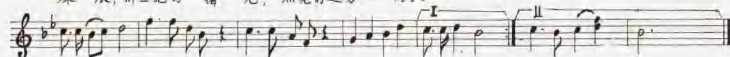
沐浴着泰山的 风光，肩负着祖国的期  
托起 鲜红的 太阳，开掘 知识的宝



望，在这矿业人才的摇篮里我们健康成 长。情和爱的 春风，化作桃李  
藏，在这现代科技的海洋里，我们乘风破浪。改革者的 实践，翻卷万里



飘 香，光和热的 火 种，要燃伟大理 想。} 勤奋求实，团结进取，一代新风  
煤 浪，新世纪的 曙 光，照亮前进方 向。}



我们开 创，勤奋求实，团结进取，一代新人百炼成钢。百炼放 钢。

山东矿业学院地处驰名中外而被联合国批准为“世界自然遗产”的泰山脚下，景色秀丽，交通便利。

山东矿业学院于1958年创建于济南，1971年迁至泰安市。原济南校址部分校舍现改建为山东矿院济南分院。建校以来，已为国家培养了近万名矿业高级技术人才，毕业生遍及全国，不少人已成为煤炭工业战线的各级领导干部和技术骨干。

近年来，学校得到迅速发展。目前设有十个系，十五个专业，并设有基础课部、社科部和函授部。全院有教职工1700余名。其中教师和科技人员1000余名，有教授、副教授和高级工程师近200名，讲师和工程师等近400名。并常年聘有外国文教专家和外籍教师任教。在校本专科学生3200余名，研究生近百名，函授生630余名。学校现有47个教研室，30个实验室。此外，原煤炭部在学校设有采煤技术咨询中心和外语培训中心。学校的电教中心、机械厂和印刷厂都具有一定规模。图书馆藏书五十万余册，中外文期刊三千余种。学校还编辑出版有《山东矿业学院学报》、《煤炭分析及利用》、《教育研究》及《山东矿业学院》院报等报刊。

学校十分重视科研工作。现设有矿山压力、特殊开采与工程爆破三个专业研究所和一个综合研究所（下设九个研究室）。有专职和兼职科研人员200余人，承担着国家、煤炭部、以及有关企业的科研项目百余项。一九七八年以来，获国家、煤炭部、省级科研成果奖四十余项。我院在矿山压力的预测预报及控制、特殊开采技术（铁路下、建筑物下及水体下采煤、奥灰承压水上开采）、控制爆破理论及深孔光爆技术、岩石力学基础理论、煤炭系统工程与矿井优化设计、煤的富集规律及找煤、通风安全、转弯运行皮带运输机设计、高效低噪声系列风机的设计及老风机的革新改造、提高截齿和矿用圆环链强度、井下无线电通讯、微机在煤炭工业中的应用等方面的研究，已显示出自己的特色。

近年来，学校与国外的学术交流活动日益增多，先后与英国和日本的几所大学签订了校际交流协议。先后派出六十余名教师赴美、英、日、加拿大、澳大利亚、西德等国讲学、进修、留学和考察。接待了近百名英国、美国、日本、比利时及联合国官员等外宾来院讲学和进行学术交流活动。

我院广大师生员工正沿着党的十三大指引的方向，努力开创教育改革的新局面，决心在教学和科研上做出新贡献，为煤炭事业培养更多的高级技术人才。

## A Brief Introduction

The Shandong Institute of Mining and Technology is located at the foot of Mount Tai—the famous mountain recently granted status as one of “the World's Natural Heritages” by the United Nations. Mount Tai is a picturesque spot with convenient transportation.

The Shandong Institute of Mining and Technology was established in 1958 in Jinan and moved to Tai'an in 1971. The Campus in Jinan then became a branch of the Institute. The Institute has trained nearly 10,000 senior technical personnel for the mining industry since its establishment. Our graduates are working everywhere in China and many of them have become leaders or key technical workers in the coal mining industry.

In recent years the Institute has developed rapidly. Now it has 10 departments covering 15 specialties. It also has a Basic Courses Department, a Social Science Department and a Correspondence Department. The total number of faculty is around 1,700, including 1,000 teachers and technical personnel, 200 of whom are professors, associate professors and senior engineers, and 400 of whom are lecturers and engineers. The Institute has also employed several foreign experts and teachers. It has currently enrolled 3,200 undergraduate students, 100 graduates and 630 correspondence students. The Institute now has 47 teaching and research sections and 30 laboratories. It also has a Consultative Center for Coal Mining Technology and a Foreign Language Training Center. The Audio-Visual Education Center, Machinery Plant and Printing House of the Institute operate on a wide scale. The Institute Library now holds 530,000 books and 3,000 periodicals and magazines in Chinese and other languages. The Institute edits and publishes the “Journal of Shandong Institute of Mining and Technology”, “News of Shandong Institute of Mining and Technology”, “Education Research” and the newspaper “Shandong Institute of Mining and Technology.”

The Institute pays great attention to scientific research work. Three special research institutes have been set up (with 9 research sections attached to them) with more than 200 full-time and part-time researchers working on nearly 100 projects. Since 1978, the Institute has been awarded 40 scientific research prizes by the Ministry of Coal Industry and the Provincial Authority. Our Institute has developed its own characteristics in the following fields: prediction and control of mine pressure; coal mining under special conditions (coal mining under railways, buildings and water bodies and above confined waters); the theory of controlled explosion and the technique of deep-hole smooth blasting; the basic theory of rock mechanics; coal mining systems engineering and mine design optimization; laws of coal concentration and prospecting of coal deposits; mine ventilation and safety; design of belt conveyor turning operation; design of a high-efficiency, low-noise, new series of mine fans; the renovation of old mine fans; increasing the strength of the bits on shearer-loaders and that of annular chains; underground radio communication; application of microcomputers in coal mining, etc.

In recent years our Institute has increased academic exchanges with foreign countries. It has made agreements on academic exchanges and cooperation with several British and Japanese universities and institutes. More than 60 teachers have been sent to the United States, the U. K., Japan, Canada, Australia, West Germany and other countries for further studies, to give lectures or do scientific research. About 100 foreign professors from the U. K., the United States, Japan and Belgium, and officials from the United Nations have been invited to give lectures and partake in academic exchanges at our Institute.

All teachers and staff members of the Institute, following the correct line of the Thirteenth National Congress of the Party, have great confidence and are determined to do our best to open new aspects in educational reform and train more and better technical personnel for the coal industry, as well as making further progress in teaching and scientific research work.



岱庙建筑群  
Architectural Complex of Dai Temple



龙潭飞瀑  
Dragon Pool Water Fall



中天门 Middle Gate to Heaven



墓塔林 Memorial Grove

编辑：张德仲 战卫明 李国光

译文：乔世友

摄影：张德仲、李国光、姚桂芳

特邀摄影：丛树敏

印刷：济南市槐荫美术装潢印刷厂

Editors: Zhang Dezhong, Zhan Weiming  
Li Guoguang

Translator: Qiao Shiyu

Photographers: Zhang Dezhong, Li Guoguang,  
Yao Guifang

Contributing Photographer: Cung Shumin





办公楼  
The Office Building



图书馆 The Library



体育馆 The Gymnasium



实验楼      Laboratory Building



学生宿舍      A Student Dormitory



家属宿舍      Family Residences





教学楼 Classroom Building



招待所 The Guest House



礼堂 The Auditorium



原煤炭工业部部长于洪恩（左二）参观我院科技成果展览。

Yu Hongen (Second from left), former Minister in the Coal Ministry, visiting the Exhibition of Scientific Research Achievements at SDIMT.



原煤炭工业部副部长胡富国（左）、张宝明（右）来我院视察，这是院长沈光寒教授（中）在汇报工作。

Hu Fuguo (left) and Zhang Baoming (right), former Vice-Ministers in the Coal Ministry, inspecting SDIMT and listening to a report by President Shen Guanghan on the College's work.



院长沈光寒教授，承担了国家自然科学基金项目“岩层与地表移动的模型与参数识别”的研究。

Professor Shen Guanghan, the President of SDIMT, undertaking the scientific research project, "Appreciation of Strata and Earth Surface Movement Model and Its Parameters," financed by the National Science Foundation.

山东省煤炭学会副理事长、副院长陈冀飞教授（左），在指导研究生进行“矿井生产能力预测和检验”的研究。

Professor Chen Jifeng, Deputy Director of the Shandong Provincial Coal Society and Vice-President of SDIMT, directing postgraduate students in a research project, "Prediction and Checking of Coal Mine Productive Capacity."



副院长王德民副教授参加研究的国家科研项目“钻井法凿井技术”，获国家科技进步一等奖。现在在研究新的国家科研项目。

Associate Professor Wang Demin, Vice-President of SDIMT, undertaking a national scientific research project, "Shaft Sinking Technique", which won a First Class Prize of National Science Advancement. He is currently undertaking another national scientific research project.

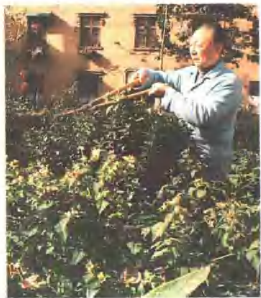


党委书记霍万库副教授(右二), 副书记张荷英讲师(右一), 副书记崔德奎副教授(左二)、党委办公室主任任维一同志(左三)、组织部长朱君讲师在研究学校的思想政治工作。

Associate Professor Huo Wanku (second from right), Party Secretary of SDIMT, Lecturer Zhang Heying (first from right), Associate Professor Cui Dekui (second from left), Party Deputy-Secretaries of SDIMT, Mr. Ren Weyi (third from left), Head of Office of the Party Committee of SDIMT, and Lecturer Zhu Jun, Head of the Organization Department, discussing ideological and political work of the Institute.

中国煤炭学会理事、煤炭部技术委员会委员田景瑞教授, 提出了“构造运动隆起膨胀说”, 指出了找煤的新方向。这是他(右)在指导研究生。

Professor Tian Jingrui, Councillor of the China Coal Society and Member of the Technical Committee of the Coal Ministry, has put forward the theory, "Protrusion and Expansion Doctrine of Tectonic Movement." He is here instructing a postgraduate student.



电气工程系张鸿钧教授在工作之余。

Professor Zhang Hongjun, tending his garden after work.





30、

煤炭部教育顾问团成员、采煤工程教育界的前辈王家康教授，积极著书立说，近年来已编写出版了三本科技图书。

Professor Wang Jialian, member of the Education Advisory Committee of the Coal Ministry and a senior in Mining Engineering Education, compiling books. He has recently published three scientific books.



32、

煤炭部教育顾问团成员、岩石力学教研室主任冯豫教授（右），在指导研究生做岩石力学实验。

Professor Feng Yu, member of the Education Advisory Committee of the Coal Ministry and Head of the Rock Mechanics Teaching and Research Section of SDIMT, instructing graduate students in a rock mechanics experiment.



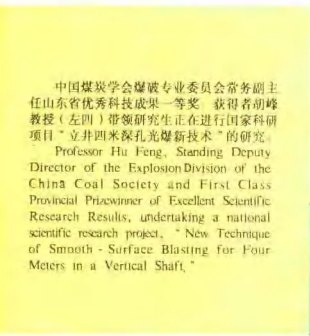
国际岩石力学局成员、国家级有突出贡献的专家、全国煤炭工业劳动模范，我院矿压研究所所长宋振琪教授，主持研究的“煤矿矿山压力和顶板运动的预测预报及控制”，获国家科技进步二等奖。这是他（中）与其助手在进行新的国家科技项目的研究。

Professor Song Zhenqi, Member of the International Bureau of Rock Mechanics, a "specialist of great contribution to the country", a "national model worker in the coal industry" and Director of the Mine Pressure Research Institute of SDIMT, has won a Second Class Prize of National Science Advancement for research work on "Prediction and Control of Mine Pressure and Roof Movement." He is currently undertaking new scientific research projects.



全国煤炭工业劳动模范、国家科技进步二等奖获得者。我院矿压研究所副所长邓铁六教授（前），与其助手在研究国家科研项目“煤矿顶板预报与计算机监测系统”。

Professor Deng Teifu, a "national model worker in the coal industry," Second Class Prize Winner in National Science Advancement and Deputy Director of the Mine Pressure Research Institute of SDIMT, here with his assistant, undertaking a national scientific research project, "Prediction of Roof Weighting and Computer Monitor Systems."



中国煤炭学会爆破专业委员会常务副主任山东省优秀科技成果一等奖获得者胡峰教授（左四）带领研究生正在进行国家科研项目“立井四米深孔光爆新技术”的研究。

Professor Hu Feng, Standing Deputy Director of the Explosion Division of the China Coal Society and First Class Provincial Prizewinner of Excellent Scientific Research Results, undertaking a national scientific research project, "New Technique of Smooth-Surface Blasting for Four Meters in a Vertical Shaft."



中国力学学会理事、山东省力学学会副理事长、山东省优秀教师陈子荫教授有关发展岩石力学学科的观点引起了同行专家的重视。

Professor Chen Ziyin, a member of the Chinese Society of Theoretical and Applied Mechanics, Vice Chairman of its Shandong Provincial Branch, and a model teacher in Shandong Province, whose viewpoint on developing rock mechanics is revered by his colleagues.





1	4.	6.	7.
2.	5.		
3.			





1. 省人大代表周文安教授研究的“锚喷支护工程质量检测与评价”。已纳入国家标准《矿山井巷工程施工与验收规范》。这是他（坐）与科研处副处长王明远讲师（左）、土木工程系副主任王祖和讲师（右）在研究“杨村矿施工网路”。

2. 科研处处长、国家科技进步二等奖获得者陈孟伯副教授（中）、教务处副处长陈达庆副教授（左）和杨伟之副教授（右），在研制“新型压力显示升柱器”。

3. 全国煤炭高校测量专业教材编审委员会副主任、煤田地质系主任陶化学教授（中），与助手在研究国家自然科学基金项目。

4. 山东省机械工程师协会物料搬运专业委员会主任孙可文教授（右），在普通胶带运输机作转弯运行的理论分析与应用方面，取得了重要成果。

5. 山东省优秀教师周毓梁教授多年致力于微分方程稳定性理论及定性理论的研究，并取得了重要成果。

6. 科研处副处长马文刚教授（左）与液压研究室主任李培信教授（右）在审查内循环外加载单体液压支柱的设计。

7. 泰安市政协副主席、泰安市侨联主席、采矿工程系兼职副教授（右）与党总支书记史国华副教授在探索《采煤概论》的教学改革问题。



1. Professor Zhou Wen'an (sitting), Deputy of the Shandong Provincial People's Congress, whose research project, "Construction and Acceptance Quality Check and Evaluation on Shatterite Support Engineering," has been compiled in the National Standards "Regulations for Mine Shaft and Tunnel Engineering." Now he and Lecturer Wang Mingyuan (left), Deputy-head of the Scientific Research Department, and Lecturer Wang Zuhai (right), Deputy-head of the Civil Engineering Department, discussing "Construction Network of 'Yangcun Coal Mine'."

2. Associate Professor Chen Mengbo (middle), Head of the Scientific Research Department and Second Class Prize winner in National Science Advancement, Associate Professor Chen Daqing (left), Deputy Dean of SDIMT, and Associate Professor Yang Weizhi (right), researching a "new type of pressure display cylinder raiser."

3. Professor Tao Huaxue, Vice-chairman of the Reading and Editing Committee of Teaching Materials in the Mine Surveying Specialty for Institutes of Higher Learning in the Coal Ministry, and Head of the Coal Field Geology Department of SDIMT, undertaking a National Science Foundation research project with his assistants.

4. Professor Sun Kewen, Chairman of the Material Handling Division of the Shandong Provincial Society of Mechanical Engineering, has gained considerable achievements with turning operations of belt conveyors.

5. Professor Zhou Yurong, an outstanding teacher in Shandong Province, has devoted himself to the research work, "Stability Theory and Quantitative Theory of Differential Equations," and obtained important results.

6. Associate Professor Ma Wen (left), Deputy Head of the Scientific Research Department of SDIMT, and Professor Li Peixin (right), head of the Hydraulics Research Section, checking the design work, "Single Prop Hydraulic Support of Inner Circulation with Outer Added Load."

7. Associate Professor Mai Jieqiang (right) from the Mining Engineering Department, Vice-Chairman of the Tai'an People's Political Consultative Committee and Chairman of the Tai'an Returned Overseas Chinese Federation, and Associate Professor Shi Guohua, Division Party Secretary of the Department, discussing problems of teaching reform about "Introduction of Coal Mining Engineering".



1	4	5	6
2			7
3			



1. 山东省运筹学会理事、济南分院副院长袁云跃教授（左二）与系统工程研究室的教师们，在研究“系统工程在煤矿中的应用”。

2. 中国煤炭学会煤化学专业委员会委员、省政协常委煤化工系主任白浚仁教授，承担了两项国家科研项目的研究，这是他（左）在指导学生做实验。

3. 山东煤炭学会理事、煤田地质系徐榜荣副教授（左二）在为研究生讲授煤田构造体系复合问题。

4. 社会科学部主任童佩孚副教授（左）与山东省自然辩证法研究会常务理事、社会科学分部主任倪孟辉副教授，在研究马列主义理论课的教学问题。

5. 煤化工系副主任王克沛副教授（左）和赵连云高级实验师（右），在进行有机化学实验。

6. 中国煤炭学会爆破专业委员会秘书长、土木工程系主任兼工程爆破研究所所长刘清泉副教授（右二）在检验该系研制的岩芯钻机。

7. 综合工程系工民建教研室主任李和群副教授（右三），在施工现场指导学生实习。

