

DEPARTMENT OF QUALITY MANAGEMENT

Faculty of Metallurgy and Materials Engineering
VŠB – Technical University of Ostrava



2006 – The Annual Activities Review

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THE DEPARTMENT MISSION

The principal mission of the Department of Quality Management of VŠB-Technical University of Ostrava is practical implementation of the quality management philosophy by means of bachelor, master and PhD education, project solving and consultancy offered to various stakeholders.

THE DEPARTMENT VISION

Also for the future to be the most advanced university workplace of education and special project solving in the field of quality management with regards to the Middle Europe development.

Ostrava, January 18th, 2001

THE DEPARTMENT GOALS FOR 2010 YEAR

In accordance with approved faculty quality policy and faculty quality objectives and with regards to the overall faculty strategy, the members of Department of Quality Management define the following department goals for 2010 year:

A. In the field of people development:

- 1) To reach an appointment to the post of one professor as minimum and to reach Ph.D. degree at two senior lecturers till the end of 2010 year.
- 2) To employe minimally one new senior lecturer till the end of 2008 year.

B. In the field of education:

- 1) To prepare all necessary documents for successful accreditation of the engineering education in the branch of study Quality Management in English language till the end of 2010 year.
- 2) To educate at least 8 postgraduates in the Ph.D. study till the end of 2010 year.
- 3) To organize at least one special course focused to companies staff within long-life education every year.
- 4) To maintain at our customers (including students) 85 % level of their satisfaction as minimum.
- 5) To make at least 2 exchanges study programmes within the co-operation to foreign universities.
- 6) To educate at least 15 graduates in the engineering study and 15 graduates in the bachelor study in the study branch Quality Management every year.
- 7) Under condition of external financial support to work out study materials for e-learning education focused especially on extramural students within the study branch Quality Management till the end of 2008 year.

C. In the field of research and development:

- 1) To acquire at least one grant from abroad and two national research grants in the field of the quality management development solving till the end of 2010 year.
- 2) To solve at least one special project for external consumers every year.
- 3) To publish at least one article at journals and two articles at conference proceedings per any employee every year. To publish 2 books in the field of quality management till the end of 2010 year.
- 4) To equip special classroom by PC and special software for education and training of computer aided quality management under condition that such project is included into set of the projects covered by faculty, with estimated investments to 500.000 Kč till the end of 2008 year.

Ostrava, September 21st, 2006

Prof. Ing. Jaroslav Nenadál, PhD.
The Head of Department

1 THE PERSONAL DATA

First name, surname, titles e-mail	Phone	Specialization
Jaroslav Nenadál, Prof. Ing., PhD. jaroslav.nenadal@vsb.cz	0420/596 994 217	Quality Management Systems Quality Economics Total Quality Management
Růžena Petříková, Prof. Ing., PhD. ruzena.petrikova@vsb.cz	0420/596 994 458	Quality and Human Factor Quality Management Integrated Management Environment and Safety Management
Josef Tošenovský, Prof. RNDr., PhD. josef.tosenovsky@vsb.cz	0420/596 994 178	Probability and Mathematical Statistics Design of Experiments Econometrics
Jiří Plura, Prof. Ing., PhD. jiri.plura@vsb.cz	0420/596 994 500	Quality Planning Methods and Tools of Quality Management Computer Aided Quality Management Data Management
Darja Noskievičová, Doc. Ing., PhD. darja.noskievicova@vsb.cz	0420/596 994 503	Statistical Process Control Basic Tools of Quality Management Acceptance Sampling Process Management
Milan Hutýra, Doc. Ing., PhD. milan.hutyra@vsb.cz	0420/596 993 714	Quality Management Systems
Petra Halfarová, Ing. Mgr. petra.halfarova@vsb.cz	0420/596 994 211	Probability and Mathematical Statistics Econometrics Change Management
David Vykydal, Ing. david.vykydal@vsb.cz	0420/596 994 211	Quality Management Systems Quality Planning Methods and Tools of Quality Management
Kateřina Brodecká, Ing. katerina.brodecka.fmmi@vsb.cz	0420/596 995 758	Application of Statistical Tools in Quality Management
Renata Przczková, Ing. renata.przczkova.fmmi@vsb.cz	0420/596 995 758	Application of Statistical Tools in Quality Management
Jiří Wolgemuth, Ing. jiri.wolgemuth.fmmi@vsb.cz	0420/596 995 758	Quality Planning Methods and Tools of Quality Management

2 THE EDUCATION ACTIVITIES

The department guarantees bachelor and master studies within special branch of Quality Management. The department ensures an engineering education for quality management at Faculty of Metallurgy and Material Engineering (full-time and extramural studies), at Faculty of Mining and Geology (full-time), at Faculty of Electrical Engineering and Informatics (full-time), at Faculty of Safety Engineering (full-time and extramural studies) and Faculty of Mechanical Engineering (extramural studies). A PhD study is possible to study within study program „Industrial Systems Management”.

2.1 The Review of Education Activities at Fulltime and Extramatural Study

Faculty	Year	Kind of Study	Subject (hours per week)	Lecturer
FMME	1.	BF	Fundamentals of Quality Management (3-0)	Prof. Ing. J. Nenadál, PhD.
FMME	1.	BE	Fundamentals of Quality Management (18-0)	Prof. Ing. J. Nenadál, PhD.
FMME	1.	MF	Computer Aided Quality Management II (1-2)	Prof. Ing. J. Plura, PhD.
FMME	1.	ME	Computer Aided Quality Management II (8-6)	Prof. Ing. J. Plura, PhD.
FMME	2.	BF	Theory of Probability (2-2)	Prof. RNDr. J. Tošenovský, PhD. Ing. Mgr. Petra Halfarová
FMME	2.	BE	Theory of Probability (18-0)	Prof. RNDr. J. Tošenovský, PhD.
FMME	3.	BF	Quality Planning I (2-2)	Prof. Ing. J. Plura, PhD. Ing. D. Vykydal
FMEE	3.	BE	Quality Management II (12-0)	Prof. Ing. J. Plura, PhD.
FMME	3.	MF	Quality Systems (4-3)	Prof. Ing. J. Nenadál, PhD.
FMG	3.	MF	Quality Management (2-2)	Prof. Ing. J. Nenadál, PhD.
FMME	3.	MF	Quality and Human Factor (3-2)	Prof. Ing. R. Petříková, PhD.
FMME	3.	BF	Introduction to Quality (2-2)	Prof. Ing. R. Petříková, PhD.
FMME	3.	MF	Basics of Integrate Management (2-2)	Prof. Ing. R. Petříková, PhD.
FMME	3.	ME	Basics of Integrate Management (14-0)	Prof. Ing. R. Petříková, PhD.
FMME	3.	MF	Mathematical Statistics (3-2)	Prof. RNDr. J. Tošenovský, PhD. Ing. Mgr. Petra Halfarová
FMME	3.	MF	Theory of Probability (2-2)	Prof. RNDr. J. Tošenovský, PhD. Ing. Mgr. Petra Halfarová
FMME	3.	BF	Theory of Probability (2-2)	Prof. RNDr. J. Tošenovský, PhD. Ing. Mgr. Petra Halfarová
FMME	3.	ME	Quality Systems (24-0)	Prof. Ing. J. Nenadál, PhD.
FMME	3.	ME	Theory of Probability (18-0)	Prof. RNDr. J. Tošenovský, PhD.

Faculty	Year	Kind of Study	Subject (hours per week)	Lecturer
FMME	3.	BE	Theory of Probability (18-0)	Prof. RNDr. J. Tošenovský, PhD.
FMME	3.	ME	Mathematical Statistics (18-0)	Prof. RNDr. J. Tošenovský, PhD.
FMME	3.	BF	Basic Statistical Methods for Quality Management (2-2)	Doc. Ing. D. Noskievičová, PhD.
FMME	3.	BE	Basic Statistical Methods for Quality Management (16-0)	Doc. Ing. D. Noskievičová, PhD.
FMEE	3.	MF	Quality Management (2-2)	Prof. Ing. J. Nenadál, PhD. Ing. David Vykydal
FMME	3.	BF	Working Practice (14 days)	Ing. Mgr. Petra Halfarová
FMME	3.	BE	Final Seminar (0-4)	Ing. Mgr. Petra Halfarová
FMME	3.	BF	Quality Management (2-2)	Doc. Ing. M. Hutyra, PhD. Ing. D. Vykydal
FMME	3.	BE	Quality Management (14-0)	Doc. Ing. M. Hutyra, PhD.
FEECS	3.	BF	Quality Management (2-2)	Doc. Ing. M. Hutyra, PhD.
FEECS	3.	BE	Quality Management (14-0)	Doc. Ing. M. Hutyra, PhD.
FMME	4.	ME	Quality and Human Factor (14-0)	Prof. Ing. R. Petříková, PhD.
FMME	4.	MF	Design of Experiments (2-1)	Prof. RNDr. J. Tošenovský, PhD.
FMME	4.	MF	Econometrics (2-1)	Prof. RNDr. J. Tošenovský, PhD. Ing. Mgr. Petra Halfarová
FMME	4.	MF	Thesis Seminar (0-4)	Doc. Ing. D. Noskievičová, PhD.
FMME	4.	MF	Special Statistical Methods (2-4)	Doc. Ing. D. Noskievičová, PhD.
FMME	4.	MF	Computer Aided Quality Management (1-3)	Prof. Ing. J. Plura, PhD.
FMME	4.	MF	Control and Quality Management (3-0)	Prof. Ing. J. Plura, PhD.
FMME	4.	MF	Quality Planning (2-4)	Prof. Ing. J. Plura, PhD.
FME	4.	MF	Quality Planning I (2-4)	Prof. Ing. J. Plura, PhD.
FMME	5.	MF	Process Management (3-2)	Doc. Ing. D. Noskievičová, PhD.
FMME	5.	ME	Process Management (20-0)	Doc. Ing. D. Noskievičová, PhD.
FMME	5.	ME	Special Statistical Methods (10-10)	Doc. Ing. D. Noskievičová, PhD.
FMME	5.	ME	Thesis Seminar (0-4)	Doc. Ing. D. Noskievičová, PhD.
FMME	5.	MF	Quality Management (2-2)	Prof. Ing. J. Nenadál, PhD. Ing. David Vykydal
FMME	5.	MF	Environment and Safety Management (2-2)	Prof. Ing. R. Petříková, PhD.
FMME	5.	MF	Change Management (2-2)	Ing. Mgr. Petra Halfarová
FMME	5.	ME	Quality Management (18-0)	Prof. Ing. J. Nenadál, PhD.
FMME	5.	ME	Testing and Certification (3-1)	Doc. Ing. M. Jakob, PhD. Ing. V. Bartoš
FME	5.	ME	The Theory of Quality at Maintenance (18-0)	Prof. Ing. J. Nenadál, PhD.

Faculty	Year	Kind of Study	Subject (hours per week)	Lecturer
FMME	5.	MF	Quality Management (2-2)	Doc. Ing. M. Hutýra, PhD. Ing. D. Vykydal
FMG	5.	MF	Quality Management (2-2)	Doc. Ing. M. Hutýra, PhD. Ing. D. Vykydal
FMME	5.	ME	Quality Planning (18-0)	Prof. Ing. J. Plura, PhD.
FMME	5.	ME	Computer Aided Quality Management (8-6)	Prof. Ing. J. Plura, PhD.
FMG	5.	MF	Quality Management (3-3)	Prof. Ing. J. Plura, PhD.

Glossary:

M – Master study

F – Full – time study

B – Bachelor study

E – Extramural study

FMME – Faculty of Metallurgy and Material Engineering

FMG – Faculty of Mining and Geology

FEECS – Faculty of Electrical Engineering and Computer Science

FSE – Faculty of Safety Engineering

FME – Faculty of Mechanical Engineering

2.2 The defended bachelor thesis within bachelor study „Quality Management“

Graduate	Bachelor Thesis	Supervisor
Cupková Zuzana	Customers Satisfaction Measurement.	Ing. Mgr. P. Halfarová
Farný Jakub	Analysis of the Employee Appraisal System.	Ing. Mgr. P. Halfarová
Gdulová Lucie	Measuring of the Staff Training Efficiency.	Prof. Ing. R. Petříková, PhD.
Havrlantová Šárka	The Implementation of Quality Management System at Health Care.	Prof. Ing. J. Nenadál, PhD.
Chudová Hana	The Possibility Analysis of Supplies Quality Assurance within Energy Research Center.	Prof. Ing. J. Nenadál, PhD.
Jopek Miroslav	Analysis of Internal Auditing in the Testing Laboratory of Minerals Science Center HGF VŠB-TU Ostrava.	Doc. Ing. M. Jakob, PhD.
Klečka Jiří	Analysis of the Inspection Process in HYTOS OSTRAVA-VÍTKOVICE, Ltd.	Doc. Ing. D. Noskiewičová, PhD.
Lišková Monika	The Analysis of Internal Audits Realization in the Accredited Laboratory.	Prof. Ing. J. Plura, PhD.
Magyarics Rostislav	The Proposal for the Improvement of the Nonconforming Products Management in GORDIG, Ltd. Jihlava.	Doc. Ing. D. Noskiewičová, PhD.
Mára Pavel	Feasibility Study of Statistical Methods Application.	Prof. RNDr. J. Tošenovský, PhD.
Němec Petr	The Analysis of Possibilities of Quality Planning Methods Use in the Conditions of TES Company.	Prof. Ing. J. Plura, PhD.

Graduate	Bachelor Thesis	Supervisor
Pekař Marcel	Proposal of Creating Directive to Ensure Environmental Protection in the Company KVAZAR, a.s.	Prof. Ing. R. Petříková, PhD.
Pintzkerová Daniela	The Measuring and Analysis of the Employees Satisfaction.	Prof. Ing. R. Petříková, PhD.
Pitrun Stanislav, Bc.	Analysis of Possibilities for the Expanded Application of Statistical Methods.	Doc. Ing. D. Noskievičová, PhD.
Slanař Dalibor	The Legislative Impact Assessments on the Quality System of the Test Room in the Field of Waste Analysis.	Ing. J. Fiedor, PhD.
Šimon Miroslav	The Implementation of Kaizen Incremental Improvement and 5S Method in GDX Automotive Company.	Prof. Ing. J. Plura, PhD.
Špunda David	The Analysis of Nonconformities in the DEBIT company.	Doc. Ing. M. Hutýra, PhD.
Štěpánek Vladimír	Analysis of Nonconforming Products in the Grey Iron Casting Production.	Doc. Ing. D. Noskievičová, PhD.
Tománek Přemysl	Implementation of EMS in Trakce, Corp.	Prof. Ing. R. Petříková, PhD.
Tošenovský Jiří	The Customer Satisfaction Analysis at Českomoravská stavební spořitelna, a.s.	Prof. Ing. J. Nenadál, PhD.
Tymlová Lucie	Analysis of Internal Audits Conducting in SME, a.s.	Ing. D. Vykydal
Večeřa Michal	Optimization of the External Standards Management in Pramet Tools.	Prof. Ing. J. Nenadál, PhD.
Vilčková Pavla	Optimising of the System of Quality Control Results Transmission into Electric Device Production in BEFRA ELECTRONIC, s.r.o.	Ing. D. Vykydal
Votava Tomáš	The Analysis of Raw Materials Flow Influence on the Production and Quality of Pig Iron.	Prof. Ing. J. Plura, PhD.

2.3 The defended diploma thesis within engineering study „Quality Management“

Graduate	Diploma Thesis	Supervisor
Brodecká Kateřina	Permanent Improvement in QMS by Implementing the KAIZEN Methodology in the Company ALSTOM Power, s.r.o. ALSTOM Group.	Prof. Ing. R. Petříková, PhD.
Carbolová Alena	The Quality Related Cost Monitoring, Analysis and Proposal of Improvement at Strojírny Třinec, a.s.	Prof. Ing. J. Nenadál, PhD.
Fančovič Petr, Ing.	Quality Analysis and Improvement using Representative Instruments of Quality Management for Selected Problems.	Doc. Ing. P. Macurová, PhD.
Jedlička Petr	The Customer Satisfaction Evaluation within Automotive Industry.	Prof. Ing. J. Nenadál, PhD.

Graduate	Diploma Thesis	Supervisor
Klocek Jakub	The Use of Statistical Methods in the Production of Galvanized Wire.	Prof. RNDr. J. Tošenovský, PhD.
Kmit Lukáš	Process Capability Estimation in CIDEM Hranice, Division CETRIS.	Prof. RNDr. J. Tošenovský, PhD.
Kovářová Renata	The Proposal of Data Processing System in Electrical Squibs Productiono.	Prof. Ing. J. Plura, PhD.
Markowská Kateřina	Measurement of Customers Satisfactiono.	Prof. Ing. R. Petříková, PhD.
Navarová Jitka	The Proposal for Extended Quality Management Systems with Environmental Management System in Small end Medium Enterprises.	Prof. Ing. R. Petříková, PhD.
Novák Jiří	Application of Statistical Process Control on the Production of Aeroengine Components.	Doc. Ing. D. Noskievičová, PhD.
Oczková Irena	Optimisation of the Customer Complaints Management Process.	Doc. Ing. D. Noskievičová, PhD.
Pitela Jan	The Process Approach Application in a Selected Organizationo.	Doc. Ing. D. Noskievičová, PhD.
Przeczková Renáta	Feasibility Study of Statistical Methods Application at Spiral Wire Production and Failure Occurrence Analysis.	Prof. RNDr. J. Tošenovský, PhD.
Roik Jiří	FMEA Application for Rails Production Process Improvement.	Prof. Ing. J. Plura, PhD.
Sporyszová Lenka	The Proposal of Integrated Internal Audits Improvement at Workplaces of Skanska CZ, a.s.	Prof. Ing. J. Nenadál, PhD.
Stejskal Hynek, Bc.	The Review of Quality Management System Using EFQM Excellence Model. in the Company Komasa, Ltd.	Doc. Ing. M. Hutýra, PhD.
Tománková Karin	The Application of Statistical Process Control on the Production of Filters.	Doc. Ing. D. Noskievičová, PhD.
Vaněk Roman	Personal Strategy until 2010 in the Company Borsodchem MCHZ Ostrava.	Prof. Ing. R. Petříková, PhD.
Vaniček Radim	The Integration of Quality Management System, Environmental Management System and Occupational Health and Safety Management System Documentation within CIDEM Hranice, a.s. Division CETRIS.	Prof. Ing. J. Nenadál, PhD.
Vondráčková Zuzana	Design of QMS Implementation in the Small Service Company.	Prof. Ing. R. Petříková, PhD.
Vzientková Iva	The Assessment of Internal Auditing at SATUM CZECH, s.r.o. and Design of Selected Process Improvement.	Prof. Ing. J. Nenadál, PhD.
Wolgemuth Jiří *	Production Process Capability Analysis.	Prof. Ing. J. Plura, PhD.

** The thesis by J. Wolgemuth was honoured with the Honourable Mention in the frame of the competition for the Price of František Egermayer awarded by the Czech Society for Quality.*

2.4 PhD Study

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Radomír Bystron External	1.10.1997	The Defining of Efficiency Principles of QMS and Their Application in Building Company.	Prof. Ing. J. Nenadál, PhD.
Ing. Sylva Bsumková External	1.10.1998	The Application of World - Class Companies Experience at Statistical Tools Introducing into the Czech Industry.	Prof. RNDr. J. Tošenovský, PhD.
Ing. Mgr. Dušan Pirník External	1.10.1998	The Evaluation of Company's Audits.	Prof. Ing. R. Petříková, PhD.
RNDr. Jindřich Vaněk External	1.10.1998	The Multimedia within Quality Management at Czech Trade and Service Industry.	Prof. RNDr. J. Tošenovský, PhD.
Ing. Jan Hnátek External	1.10.1999	The Innovation of EOQ System for Education in the Field of Quality.	Prof. Ing. J. Nenadál, PhD.
Ing. David Vykydal External	1.1.2000	The Development of Quality Planning Methods and their Applicationo.	Prof. Ing. J. Plura, PhD.
Ing. Martin Folta <i>External</i>	1.10.2000	The Development of Quality Improvement Methodology and its Introducing in Practice.	Prof. Ing. J. Plura, PhD.
Ing. Markéta Horáková <i>External</i>	1.10.2000	The Development of Measurement System Analysis at Thermostat Productiono.	Prof. Ing. J. Plura, PhD.
Ing. Dagmar Kunčická <i>External</i>	1.10.2000	The Methods of Company Processes Improvement.	Prof. RNDr. J. Tošenovský, PhD.
Ing. Pavel Mollin <i>External</i>	1.10.2000	The Proposal of Quality Management System According to ISO 9001:2000 with Aid of Computer System SAP R/3.	Prof. Ing. J. Plura, PhD.
Ing. Roman Maroušek <i>External</i>	1.10.2000	The Use of Selected System Approaches and Quality Planning Methods for Processes Improvement in the Company Assuring Transport Logistics.	Prof. Ing. J. Plura, PhD.
Ing. Pavel Ručka <i>External</i>	1.10.2000	The Integrated Management Systems in Building Industry.	Doc. Ing. M. Hutyra, PhD.

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Alena Haflantová <i>External</i>	1.10.2001	The Application of EFQM Excellence Model – Self-Assessment Principles and Their Exercise in VDO ČR, s.r.o. Aimed at Increase of Business Processes Performance.	Prof. Ing. R. Petříková, PhD.
Ing. Vladimír Bartoš <i>External</i>	1.10.2001	The Measurement of Tests Methods Uncertainty.	Doc. Ing. M. Jakob, PhD.
RNDr. Petr Valošek <i>External</i>	1.10.2002	The Proposal of Quality Management Model at Small and Medium Building Companies.	Doc. Ing. K. Zgodavová, PhD.
Ing. Dana Trávníčková <i>External</i>	1.10.2002	Measurement, Analysis and Improvement of Health Care Quality, Performance and Economic Efficiency.	Doc. Ing. K. Zgodavová, PhD.
Ing. Robert Barabáš <i>External</i>	1.10.2003	Economic Aspects of SPC.	Doc. Ing. D. Noskiewičová, PhD.
Ing. Michal Bohuš <i>Internal/External</i>	1.10.2003	Practical Aspects of Capability Analysis.	Doc. Ing. D. Noskiewičová, PhD.
Mgr. Petra Halfarová <i>External</i>	1.10.2003	Economic Aspects of Quality Management Tools Selectiono.	Prof. RNDr. J. Tošenovský, PhD.
Ing. Lukáš Mildorf <i>External</i>	1.10.2003	Proposal and Implementation of Modern Approaches to the Performance Increase of the Selected Products Assembly Process.	Doc. Ing. D. Noskiewičová, PhD.
Ing. Antonín Knápek <i>External</i>	1.10.2003	Communication in Design New Product Process.	Doc. Ing. M. Hutýra, PhD.
Ing. Petr Kopp <i>Internal/External</i>	1.10.2003	The Proposal and Creation of Expert System Aided SPC.	Doc. Ing. D. Noskiewičová, PhD.
Ing. Vlastimil Pokorný * <i>External</i>	1.10.2004	The Impact of Integrated Management System to Increasing of Company Management Effectiveness.	Prof. Ing. J. Nenadál, PhD.
Ing. Esma Opravilová <i>External</i>	1.10.2004	The Principles and Methods of Quality Management System Improvement.	Prof. Ing. J. Nenadál, PhD.

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Lubomír Lengyel <i>External</i>	1.10.2004	The Modelling and Simulation within Quality Management.	Doc. Ing. K. Zgodavová, PhD.
Ing. Katarína Furáková <i>External</i>	1.10.2004	The Analysis and Synthesis of Factors at Development of Production Processes Quality.	Doc. Ing. K. Zgodavová, PhD.
Ing. Lucie Fryšová <i>External</i>	1.10.2004	The Quality Evaluation at the Universities in the Frame of the EFQM Excellence Model.	Doc. Ing. M. Hutyra, PhD.
Ing. Monika Barčová <i>External</i>	1.10.2004	The Customer Satisfaction Evaluation in the Frame of the EFQM Excellence Model.	Doc. Ing. M. Hutyra, PhD.
Ing. Šárka Janů <i>External</i>	1.10.2004	The Internal and External Marketing Communication within Quality Management Systems.	Prof. Ing. R. Petříková, PhD.
Ing. Czeslaw Kura, MBA <i>External</i>	1.10.2004	The Key Processes of Human Resources Management and their Continuous Improvement in Change Environment.	Prof. Ing. R. Petříková, PhD.
Ing. Filip Tošenovský <i>External</i>	1.10.2004	The Application of Six Sigma Method into Testing Laboratories.	Doc. Ing. M. Jakob, PhD.
Ing. Hana Koničková <i>External</i>	1.10.2004	The Meaning of Testing and Measurement Uncertainties Evaluation for Customers Trust Increasing.	Doc. Ing. M. Jakob, PhD.
Ing. Lubomír Gogela <i>External</i>	1.10.2005	The Role of Quality Management during Company Change.	Prof. Ing. J. Nenadál, PhD.
Ing. Matouš Novák <i>External</i>	1.10.2005	The Design of Quality Management Model Taylored to the Trade Environment of Mining Industry.	Prof. Ing. J. Nenadál, PhD.
Ing. Kateřina Brodecká <i>Internal</i>	1.10.2006	The Application of Selected Statistical methods within Conditions of Highly Capable Processes.	Doc. Ing. D. Noskievičová, PhD.
Ing. Tomáš Hrbek <i>External</i>	1.10.2006	The Procedure of Six Sigma Implementation at Banking Sector.	Prof. RNDr. J. Tošenovský, PhD.

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Martin Kotásek <i>External</i>	1.10.2006	The Excellence Principles Implementation at Machinery Organizations.	Prof. Ing. J. Nenadál, PhD.
Ing. Jan Pokorný <i>External</i>	1.10.2006	The Quality Economy Processes at Automotive Industry.	Prof. Ing. J. Nenadál, PhD.
Ing. Renata Przczková <i>Internal</i>	1.10.2006	The Use of Quantitative Methods for Individual and Workplace Scientific Level Evaluationo.	Prof. RNDr. J. Tošenovský, PhD.
Ing. Petr Valášek <i>External</i>	1.10.2006	Synergy of Information Systems at High School Management.	Doc. Ing. M. Hutyra, PhD.
Ing. Jiří Wolgemuth <i>Internal</i>	1.10.2006	The Development of Processes Quality Planning Approaches and their Capability Studies.	Prof. Ing. J. Plura, PhD.

* *The Dissertation Thesis of Ing. V. Pokorný was defended successfully on 11.7.2006.*

3 THE POSTGRADUATE EDUCATION

The department has been organizing various postgraduate courses. One cycle of such education was organized in 2006:

Special course „Testing“ delivered for employees of testing laboratories with the scope of 180 hours. This course is precondition for personal certification in the field of testing. This course concluded in 2006 year these participants:

First name, surname, titles	Company
Anežka Chudobová	SKS Krnov
Ing. Pavel Sonnek, Ph.D.	Mora Aerospace, a.s. Hlubočky
Ing. Pavla Petrišáková	Hutnické a chemické laboratoře ISPAT NH, a.s. Ostrava
Ing. Ondřej Zawada	Zkušebny a laboratoře TŽ, a.s. Třinec
Ing. Vít Žatka	Zkušebny a laboratoře Alinvest Břidličná
Ing. Karel Poduška	Zkušebny a laboratoře TEDIKO, s.r.o. Chomutov

4 THE RESEARCH ACTIVITIES AND GRANTS

4.1 In cooperation with Centre for University Studies Prague was solved the project:

Project title: The Quality Evaluation of Universities.

Duration: May – December 2006

Responsible person: Ing. Helena Šebková, PhD.

- The project goal:** To create and issue of the special publication with guidelines how to measure and monitor the external and internal customer satisfaction in practice.
- The staff included:** Prof. Ing. J. Nenadál, PhD., Doc. Ing. M. Hutýra, PhD.
- The project output:** The research reports with proposals how to evaluate the quality at the universities.

4.2 In the frame of Leonardo da Vinci European Program the following project is solved:

Project title: Vocational Education and Training for Quality of Life Through eHealthcare and Well-being – IMPROHEALTH-COLLABORATIVE.

Duration: October 2006 – October 2008

Responsible person: Prof. Ing. Kristína Zgodavová, PhD., TUAD Trenčín

The project goal: To innovate sustainable virtual quality center for health sector, to transform and to share knowledge in the field of performance management for health care institutions start.

The staff included: Prof. Ing. Jaroslav Nenadál, PhD., Prof. Ing. Růžena Petříková, PhD., Prof. RNDr. Josef Tošenovský, PhD., Prof. Ing. Jiří Plura, PhD., Doc. Ing. Darja Noskievičová, PhD., Doc. Ing. Milan Hutýra, PhD., Ing. Mgr. Petra Halfarová, Ing. David Vykydal, Ing. Kateřina Brodecká, Ing. Renata Przewczková, Ing. Jiří Wolgemuth

The abroad partners: TUAD Trenčín, SK,
Masarykova univerzita Brno, CZ
TU Košice, SR
University of Macedonia, Thessaloniki, GR
Euroconsultants, Thessaloniki, GR
Qy Optimatics Network, Espo, FI
Hildebrand and Partner GmbH, DE
Azienda Unita Sanitaria Locale di Reggio Emilia, IT
Academia De Studi Economiche Bucarest, RU
Swedish TelePedagogic Knowledge Centre Nyköping, SE
Confederacion Española de Centros de Enseñanza Madrid, ES

The project output:

- a) The innovated web portal of virtual quality center for health care,
- b) English master copy and bilingual versions of the special modules of e-learning courses: TQM in health care sector, Performance management in health care sector, Change management in health care sector, Economy at health care sector and Human resources management in health care sector,
- c) training of trainees,
- d) 30 e-tools and methods for performance improvement at health care institutions.

4.3 Research Plan MSM 6198910019:

Project title: Reduction of CO₂ Production – DECO_x Processes

Duration: 2005 – 2011

Responsible person: Prof. Ing. Václav Roubíček, PhD., Dr.h.c.

The staff included: Prof. RNDr. J. Tošenovský, PhD., Doc. Ing. D. Noskiewiřová, PhD.

4.4 In the frame of Ministry of Education Developing Project the Developing project 413 was solved:

Project title: Implementation of Quality Management System According to ISO 9001 at VSB – Technical University of Ostrava – 3rd stage

Duration: January 2006 – December 2006

Responsible person: Doc. Ing. Milan Hutýra, PhD.

The project goal: Final stage of implementation quality management system according to ISO 9001 at VSB- Technical University of Ostrava.

The project output: All faculties of VSB TU Ostrava awarded by ISO 9001 certificate.

4.5 Research Plan MSM 6198910015:

Project title: Structural potentiality and properties of intensively formed materials

Duration: January 2005 – December 2011

Responsible person: Prof. Ing. Ivo Schindler, PhD.

The project goal: Study of deformation behaviour, structure forming processes and resulting properties of metallic materials in conjunction with advanced methods of their 3D-forming.

The staff included: Prof. Ing. Jiří Plura, PhD.

The project output: The subject of research activities in the framework of the supposed research plan is study of deformation behaviour, structure forming processes and resulting properties of metallic materials in conjunction with advanced methods of their 3D-forming.

4.6 With support of National Policy of Quality Promotion was solved the project no. 01/24/2006:

Project title: Evaluation of Effectiveness of Certified Systems with SMEs and their Customers after 3 Years upon Certification.

Duration: January – November 2006

Responsible person: Prof. Ing. Růžena Petříková, PhD.

The project goal: Evaluation of Effectiveness of Certified Systems with SMEs and their Customers after 3 Years upon Certification.

The project output: Publication - Evaluation of Effectiveness of Certified Systems with SMEs and their Customers after 3 Years upon Certification.

4.7 In the frame of Leonardo da Vinci European Program the following project is solved:

Project title: Traceability, Accessibility and Correspondence in Vocational Education and Training (TRACE).

Duration: August 2006 – March 2008

Responsible person: Prof. Ing. Jiří Plura, PhD.

The project goal: The development for approaches for traceability, accessibility and correspondence evaluation in vocational education and training.

The staff included: Prof. Ing. Jiří Plura, PhD., Prof. Ing. Jaroslav Nenadál, PhD., Prof. Ing. Růžena Petříková, PhD., Ing. Jiří Wolgemuth

The abroad partners: Regione Piemonte, Torino, Italy
Gruppo Soges, Torino, Italy
IFW Universität Bremen, Germany
ID Formation, Bastia, France
Roman T.O., Bucarest, Romania

The project output: Methodology of traceability, accessibility and correspondence evaluation in vocational education and training.

4.8 In the frame of development project the Ministry of Education, Youth and Sport of Czech Republic and European Social Fund is solved project no. CZ.O4.01.3/3.2.15.2/0326:

Název projektu: E-learning Support Materials for Study of Technical Subjects.

Období řešení: June 2006 – June 2008

Odpovědný řešitel: Doc. RNDr. J. Šarmanová, PhD.

Zapojení pracovníci: Doc. Ing. Milan Hutýra, PhD., Prof. Ing. Jaroslav Nenadál, PhD., Prof. RNDr. Josef Tošenovský, PhD., Prof. Ing. Jiří Plura, PhD., Prof. Ing. Růžena Petříková, PhD., Ing. Mgr. Petra Halfarová, Doc. Ing. Darja Noskievičová, PhD., Ing. David Vykydal

4.9 The research and development project of the Ministry of Education, Youth and Sports of Czech Republic no. 1M06047:

Název projektu: The Center of Quality and Reliability (CQR).

Období řešení: 2006 – 2009

Odpovědný řešitel: Doc. Ing. Radim Briš, PhD.

Zapojení pracovníci: Doc. Ing. Milan Hutýra, PhD., Ing. Mgr. Petra Halfarová

4.10 The Project of a publishing of ample monography „The Integrated Management System“:

The members of Quality Management Department has been guarantee a publishing of ample monography, titled The Integrated Management System which is issued in Verlag Dashöfer Publishing Prague since 2005. The basic work includes 600 pages of the text and it was enriched 4 times per 2006 year by additional 150 pages of any revisiono. The publication is oriented to various approaches, requirements and processes of integrated management in practice. A lot of specialists from Czech Republic contribute to this monography regularly.

Responsible person: Prof. Ing. Jaroslav Nenadál, PhD.

The staff included: Prof. Ing. R. Petříková, PhD., Prof. Ing. J. Plura, PhD.
Doc. Ing. M. Hutýra, PhD., Doc. Ing. M. Jakob, PhD.

5 THE SPECIAL EVENTS ORGANIZED BY THE DEPARTMENT

Event name	Type of events	Date	Seminar chair	Venue	Number of participants
The Modern Trends in Quality of Management.	Seminar	24. - 25.3. 2006	Jaroslav Nenadál Otakar Král	Zlenice	52
Quality 2006.	International conference	23. - 24.5. 2006	Růžena Petříková Jaroslav Nenadál	Ostrava	220
TRACE – Transnational meeting.	Workshop	11. - 12.12. 2006	Jiří Plura	Ostrava	11

6 THE REVIEW OF ACTIVITIES AT SPECIAL EVENTS OUTSIDE THE VŠB - TU OSTRAVA

6.1 Abroad

Name	Event name	Type of event	Venue	Date	The lecture's title
J. Nenadál, Prof. Ing. PhD.	SKQS Auditors Meeting	Seminar	Šípková (SVK)	26. - 28.5. 2006	The Approaches to Customer Satisfaction and Process Performance Measurement.
	Quality in Building Industry		Štrbské Pleso (SVK)	3. - 4. 10. 2006	The Self-Assessment – a Tool of Management Systems Development in the Field of Civil Engineering.

Name	Event name	Type of event	Venue	Date	The lecture's title
M. Hutýra, Doc. Ing. PhD.	7th International Conference of Quality Managers	International conference	Teheran (Iran)	16. - 19.7. 2006	Quality Management System as the Part of University Management.
	Quality in Building Industry	International conference	Štrbské Pleso (SVK)	3. - 4. 10. 2006	Internal audit – Tool of Evaluation of Effectiveness of QMS.
	1st European Forum for Quality Assurance: Embending quality culture in higher education	International conference	Munich (GER)	23. – 25. 11. 2006	Implementation of Quality Management System according to ISO 9001 at VSB – Technical University of Ostrava.
R. Petříková, Prof. Ing. PhD.	35. Annual Meeting of WFEO Committee for Education and Training of Engineers	Annual Meeting of WFEO National Members	Budapest (Hungary)	7. - 8.3. 2006	In Search of New Europe.
	XIII. International Conference „World's Day of Quality“	International conference	Žilina (SVK)	6. - 10.11. 2006	Corporate Social Responsibility is not Only about Company Management.
J. Tošenovský, Prof. RNDr. PhD.	Set of Lectures Themed Six Sigma	Set of lectures	Cádiz (Spain)	10. - 23.2. 2006	Six Sigma in Laboratories.

6.2 Inland

Name	Event name	Type of event	Venue	Date	The lecture's title
J. Nenadál, Prof. Ing. PhD.	Human Resources Manager	Seminar	Ostrava	10.1.2006	The Modern Approaches and Methods of Company Management.
	The Present Trends in Quality Management – XIX.	Seminar	Zlenice	24. - 25.3. 2006	The Approaches to Customer Satisfaction and Loyalty Management.

Name	Event name	Type of event	Venue	Date	The lecture's title
J. Nenadál, Prof. Ing. PhD.	Metrology and Conformity Assessment	Seminar	Ostrava	22.5.2006	The Methods and Tools of Quality Management.
	Safety Engineering 2006	International conference	Ostrava	18.10.2006	The Education and Certification of Persons at Occupational Health and Safety Management Systems.
	The Restructuralisation and Reorganization with Support of the EFQM Eyxcellence Model	Seminar	Praha	2.11.2006	<i>leading the seminar</i>
	The Management Systems or the Integrated Quality Systems?	Seminar	Ostrava	7.11.2006	The Supplier Relationship Management.
M. Hutýra, Doc. Ing. PhD.	QUALITY 2006	International conference	Ostrava	23. – 24.5. 2006	Internal Audit as the Effective Tool in the Implementation and Improvement of QMS.
R. Petříková, Prof. Ing. PhD.	MOMAN 06 - Modern Management	International conference	Praha	2.2.2006	Czech Tradition of Management as Inspiration of Efficient Entrepreneurship.
	Work Meeting of EISOD Users	Conference	Břasy, Darovanský Dvůr, Plzeň	7.3.2006	Both Small and Medium-sized Companies Can Bring big Results.
	PEMAN 06 Personal Management	International conference	Praha	30.3.2006	Motivation – Communication – Efficiency.
	Modern Methods in HRM	Seminar	Olomouc	12.4.2006	Modern Trends in the Area of Human Resource Management.
	Do You Do Business and Want to Be Successful?	Seminar	Chomutov	28.4.2006	How to Strengthen Efficiency of Czech Companies?

Name	Event name	Type of event	Venue	Date	The lecture's title
R. Petříková, Prof. Ing. PhD.	Do You Do Business and Want to Be Successful?	Seminar	Hradec Králové	3.11.2006	How to Strengthen Efficiency of Czech Companies?
	Do You Do Business and Want to Be Successful?	Seminar	Kroměříž	11.5.2006	How to Strengthen Efficiency of Czech Companies?
	Do You Do Business and Want to Be Successful?	Seminar	Praha	5.12.2006	How to Strengthen Efficiency of Czech Companies?
	Management Quality in Health and Social Sector	Congress	Ostrava	12.,10.2006	IMPROHEALTH Project (outputs).
	Quality of Processes = Personal Quality and Employees Knowledge	Seminar	Ostrava	26.9.2006	Personal Quality and Employees Knowledge.
	Motivation of Employees	International conference	Praha	23.11.2006	Efficient Communication and Motivation – Prerequisite of CSR Success.
	SOSYM 06	International conference	Praha	30.11.2006	Key Importance of Socio-Synergic Aspects in Company Management.
	Best Experience for Better Quality of Life	International conference	Praha	14. - 15.11. 2006	CSR – Guarantee of Prosperity of Present and Future Generations.
J. Plura, Prof. Ing. PhD.	QUALITY 2006	International conference	Ostrava	23. – 24.5. 2006	The Obstacles of Effective Use of Quality Planning and Improvement Methods in Practice.
P. Halfarová, Ing. Mgr.	Workshop CQR 2006	Workshop	Hejnice	22. - 24.5. 2006	Problems of Statistical Method Implementation.

7 THE PUBLICATIONS

7.1 Books

NENADÁL, J.: *The Partnership with Suppliers Management . New Perspectives of Company Purchasing. [In Czech]* Praha: Management Press, 2006, 323 p. (ISBN 80-7261-152-6).

NENADÁL, J. et al.: *Integrated Management Systems. (Updated Edition).* [In Czech] Praha: Verlag Dashöfer, 2006 (ISBN 80-86897-02-8).

PETŘÍKOVÁ, R. a kol.: *People in Company Management (Multicultural Dimension of Entrepreneurship).* [In Czech] Ostrava: DT Ostrava, 2006 (ISBN 80-02-01868-0).

ŠNAJDR, I. – HERCÍK, P. – VÍTKOVÁ, R. - PETŘÍKOVÁ, R. – VÁPENÍČEK, A.: *Effectiveness of Certified Systems (Output from Project National Policy of Quality Promotion) č. 01/24/2006.* [In Czech] Ostrava: NPJ ČR, DT Ostrava, 2006 (ISBN 80-02-01862-1).

7.2 Textbooks

NENADÁL, J. – PLURA, J.: *The Quality – Systems and Development Perspectives.* [In Czech] Textbook for ŽDB GROUP a.s. Employees. Ostrava: VŠB-TU Ostrava. 2006, 48 p.

PLURA, J.: *Selected Methods for Supporting of Six Sigma Projects.* (Textbook) [In Czech], Ostrava: DT Ostrava, 2006, 24 p.

TOŠENOVSKÝ, J. - TOŠENOVSKÝ, F. – CARIDAD, J. M.: *Process Capability Estimationo.* (Textbook), Cordoba (Spain): Universidad de Cordoba, 2006, 26 p. (ISBN 84-95723-33-6).

7.3 Proceeding's Articles from Scientific Conference

HUTYRA, M.: *Internal Audit as the Effective Tool in the Implementation and Improvement of QMS.* [In Czech] In: Conference proceedings „15. International Conference QUALITY 2006“. Ostrava: DTO, 2006 (ISBN 80-02-01829-X).

HUTYRA, M.: *Quality Management System as the Part of University Management.* In: Conference proceedings „7th International Conference of Quality Managers“. Teheran (Iran): 2006, p. 261 - 269 (ISBN 964-7834-04-2).

HUTYRA, M.: *Internal Audit – Tool of Evaluation of Effectiveness of QMS.* [In Czech] In: Conference proceedings „7th International Conference - „Quality in Building Industry“. Košice: TU Košice, 2006, p. 53 - 57 (ISBN 80-8073-593-X).

HUTYRA, M.: *Implementation of Quality Management System According to ISO 9001 at VSB – Technical University of Ostrava.* In: Conference proceedings „1st European Forum for Quality Assurance: Embedding quality culture in higher education“. Munich: Technische University Munich, 2006, <http://www.eua.be/index.php?id=314>

HUTYRA, M. – HALFAROVÁ, P.: *Problems of Statistical Method Implementationo.* [In Czech] In: Workshop proceedings „Workshop CQR 2006“. Hejnice, 2006.

JUCHELKOVÁ, D. – RACLAVSKÁ, H. – ROUBÍČEK, V. – KOLAT, P. – BILÍK, J. – NOSKIEVIČOVÁ, D. – PUSTĚJOVSKÁ, P. – DOLEŽALOVÁ, J.: *CO₂ Reduction Potential on the Czech Conditiono.* In: The 23rd International Pittsburgh Coal Conference CD-ROM Proceedings. Pittsburgh: D. L. Lawrence Convection Center 2006 (ISBN 1-890977-23-3).

NENADÁL, J.: *The Approaches to Customer Satisfaction and Customer Loyalty Management.* [In Czech] In: The Present Trends in Quality Management – XIX. Praha: ISQ, 2006, p. 90 - 111 (ISBN 80-7265-086-6).

NENADÁL, J.: *The Self-Assessment a Tool of Management Systems Development at Civil Engineering Organizations. [In Czech]* In: Conference proceedings „7th International Conference - „Quality in Building Industry“. TU Košice, 2006, p. 105 - 112 (ISBN 80-8073-593-X).

NENADÁL, J.: *The Education and Certification of Persons at Occupational Health and Safety Management Systems.* In: Safety Engineering 2006. Collected Papers. Ostrava: VŠB-TU Ostrava, 2006, p. 270 - 276 (ISBN 80-248-1185-5).

PETŘÍKOVÁ, R.: *CSR – Guarantee of Prosperity of Present and Future Generations. [In Czech]* In: Conference proceedings „Best Experience for Better Quality of Life“. Praha: ČSJ Praha, 2006 (ISBN 80-02-01864-8).

PETŘÍKOVÁ, R.: *Corporate Social Responsibility is not only about Company Management. [In Czech]* In: Conference proceedings „World Day of Quality“. Žilina: MASM Žilina, 2006 (ISBN 80-85348-73-X).

PETŘÍKOVÁ, R.: *Czech Tradition of Management as Inspiration of Efficient Entrepreneurship. [In Czech]* In: Conference proceedings „MOMAN 06“. Praha: EVIDA, 2006 (ISBN 80-86596-74-5).

PLURA, J. – VYKYDAL, D.: *The Obstacles of Effective Use of Quality Planning and Improvement Methods in Practice. [In Czech]* In: Conference proceedings „15. International Conference QUALITY 2006“. Ostrava: DT Ostrava, 2006, p. D1-D7 (ISBN 80-02-01829-X).

7.4 Journals' Articles

HUTYRA, M.: *Teheran: Conference about Quality with 45 000 Participants. [In Czech]* Perspektivy jakosti. Vol. III, September 2006, p. 13-14 (ISSN 1214-8865).

HUTYRA, M.: *Quality Management System Implementing at Technical University in Ostrava. [In Czech]* Perspektivy jakosti. ČSJ Praha, Vol III, no. 4/2006, p. 15-18 (ISSN 1214-8865).

HUTYRA, M.: *Quality Managers Conference in Middle East. [In Czech]* Jakost pro život. DT Ostrava, Vol. V, no. 4/2006, p. 3-6 (ISSN 1213-0958).

PETŘÍKOVÁ, R.: *Annual Meeting of WFEO Committee for Education and Training of Engineers. [In Czech]* Jakost pro život. DT Ostrava, Vol. V, no. 1/2006 (ISSN 1213-0958).

PETŘÍKOVÁ, R. a kol.: *PERMANENT Model – Unified Management System for SME Sector. [In Czech]* Jakost pro život. DT Ostrava, Vol. V, no. 2/2006 (ISSN 1213-0958).

PETŘÍKOVÁ, R.: *Small Look-back at 15th Conference Quality 2006. [In Czech]* Jakost pro život. DT Ostrava, Vol. V, no. 3/2006 (ISSN 1213-0958).

PETŘÍKOVÁ, R.: *Ostrava Conference Quality 2006. [In Czech]* Perspektivy jakosti. ČSJ Praha, Vol. III, September 2006 (ISSN 1214-8865).

PETŘÍKOVÁ, R.: *„Old Good“ Europe Needs New Impulses and Synergy to Create Values. [In Czech]* Perspektivy jakosti. ČSJ Praha, Vol. III, June 2006 (ISSN 1214-8865).

7.5 Research Reports

NOSKIEVIČOVÁ, D.: *The Analysis of Selected Blastfurnace Process Indicators using Box-Jenkins Methodology. [In Czech]* Report on the Subproject Solving in the Frame of the Project CEZ MSM 6198910019 Reduction of CO₂ Production - DECO_x. Ostrava 2006, 69 p.

8 THE REVIEWS, EXPERTISES

8.1 The Habilitation Theses

Name	Employer	Topic	Assessor
Tureková Helena, Ing. PhD.	ŽU Žilina	The Company Development through System Innovations.	Prof. Ing. J. Nenadál, PhD.
Benková Marta, Ing. PhD.	TU v Košicích	Customer Satisfaction Analysis in Relation to Process Capability Analysis.	Prof. Ing. J. Plura, PhD.

8.2 PhD Theses

PhD Student	Employer	Topic	Assessor
Košková Ivana, Ing.	TU Košice	Total Quality Management – EFQM Excellence Model, Self-Assessment Concepts, their Effects and Possibilities of Implementation into Company Practice.	Prof. Ing. J. Nenadál, PhD.
Skýpalová Ladislava, Ing.	VUT Brno	The Project Risk Management.	Prof. Ing. J. Nenadál, PhD.
Pokorný Vladimír, Ing. MBA	Delta Consulting, Praha	The Effect of Implementation of Integrated Management System on the Management Effectiveness in the Organisations.	Doc. Ing. M. Hutýra, PhD.
Vráblík Miroslav, Ing.	FaME, UTB Zlín	Establishing of Czech First-Rate Companies with Emphasis on Theoretical and Practical Outputs of Bata Entrepreneurship.	Prof. Ing. R. Petříková, PhD.
Salem Sherif Elfard	VUT Brno	Evaluation of Quality Assurance in Electrical Products.	Prof. RNDr. J. Tošenovský, PhD.

8.3 Solved Projects

Project title	Project leader	The review made for	Assessor
The Personality and Talent Development of Young Employees and Ph.D Students of Research and Development till 35 Years of Age.	Surovec Pavel, Prof. Ing. PhD.	Slovakia Ministry of Education	Prof. Ing. J. Nenadál, PhD.
The Analysis of Accommodation Situation at Full-time Ph.D Students of Research and Development till 35 Years of Age and its Improvement Proposal.	Polonský Dušan, Prof. Dr. PhD.	Slovakia Ministry of Education	Prof. Ing. J. Nenadál, PhD.
The Quality Perception from the Companies Point of View.	Uhrová Jitka, Ing.	Ministry of Industry and Trade of the Czech Republic	Prof. Ing. J. Nenadál, PhD.

8.4 Publications

Publication title	Author	Kind of publication	Reviewer
Quality Management Implementations in State Administration and Tasks of its Management.	Ing. Elen Stibůrková et a.	Book, CD	Prof. Ing. R. Petříková, PhD.

8.5 Articles

Article title	Author	Article for journal	Reviewer
The Analysis of the Measurement of Material Transfer through Technological Process.	M. Šíma, L. Floreková, M. Benková	Acta Montanica Slovaca	Prof. Ing. J. Plura, PhD.

9 THE CO-OPERATION WITH PRACTICE

Action	Consumer	Supplier
The Internal Auditor Training.	Indet Safety Systems, a.s. Vsetín	Doc. Ing. M. Hutýra, PhD.
The special course „The EFQM Excellence Model and Self-Assessment“.	Vitkovice Steel, a.s. Ostrava	Prof. Ing. J. Nenadál, PhD.
The special course The EFQM Excellence Model and Self-Assessment.	Police of the Czech Republic	Prof. Ing. J. Nenadál, PhD.
The education and consultansy for implementation of The EFQM Excellence Model and Self-Assessment.	OSTROJ a.s. Opava	Prof. Ing. J. Nenadál, PhD.

Action	Consumer	Supplier
The special course „FMEA Method and its Use“.	Indet Safety Systems, a.s. Vsetín	Prof. Ing. J. Plura, PhD.
The special course „The Quality Systems Development – Quality, Systems and Development Perspectives“.	ŽDB GROUP, a.s. Bohumín	Prof. Ing. J. Nenadál, PhD.
Motivation – Loyalty – Communicationo.	Štěrkovny Dolní Benešov, s.r.o.	Prof. Ing. R. Petříková, PhD.
Methodology of Six Sigma Implementation with Use Balanced Scorecard.	ProNorth Czech	Prof. RNDr. J. Tošenovský, PhD.

10 THE ACTIVITIES IN THE CERTIFICATION BODY ACM DTO

The department has already participated in founding of certification body for personal certification ACM with The House of Technology Ostrava in 1995. This certification body has been accredited for these functions:

For the Field of Quality:

Quality Manager
Quality Professional
Quality Auditor External
Quality Auditor Internal
Quality Statistician

For the Field of Environmental Management:

Manager of EMS
Auditor of EMS

For the Field of Standardisation:

Standardisation Manager

For the Field of Testing:

Director of Testing Laboratories
Leader of Testing Laboratories
Special Technician of Testing Laboartories
Technician of Testing Laboratories

For the Field of Diagnostics:

Technical Diagnosticion – Tribodiagnosics and Vibrodiagnosics

For the Field of Occupational Health and Safety:

HSMS Manager
HSMS Auditor

The Certification Management Systems Consultants:

Quality Management Systems Consultant
EMS Consultant
HSMS Consultant

The certification according to the Harmonized Scheme of EOQ:

EOQ Quality Manager
EOQ Quality Professional
EOQ Quality Auditor
EMS EOQ Manager
EMS EOQ Auditor
HSMS EOQ Manager
HSMS EOQ Auditor
EOQ Management Systems Consultant

For the Field of Human Resource Management:

Human Resource Manager

124 persons were certified and 54 holders of certification were recertified in 2006 for these functions:

Function	Certified	Recertified
Quality Manager + EOQ	17	38
Quality Professional + EOQ	2	0
Quality auditor + EOQ	11	9
Leader of Testing Laboratories	2	0
Special Technician of Testing Laboratories	0	0
Director of Organization (Testing Laboratories)	3	0
Quality Manager of Testing Laboratories	0	0
EMS Manager + EOQ	5	2
EMS Auditor + EOQ	7	3
Technical Diagnostician	51	2
HSMS Manager + EOQ	9	0
HSMS Auditor + EOQ	7	0
Management Systems Consultant	4	0
Human Resource Manager	6	0
Total	124	54

11 THE REPRESENTATION AT EXPERT AND ACADEMIC BODIES

11.1 At VŠB – Technical University Ostrava

Expert (Academic) Bodies	Representative	Membership
Scientific Board (FMME)	Prof. Ing. J. Nenadál, PhD.	Member
Scientific Board (FSE)	Prof. Ing. J. Nenadál, PhD.	Member

11.2 Beyond VŠB – Technical University of Ostrava

Expert (Academic) Bodies	Representative	Membership
The Czech Society for Quality Prague	Prof. Ing. J. Nenadál, PhD. Prof. Ing. R. Petříková, PhD. Prof. RNDr. J. Tošenovský, PhD. Prof. Ing. J. Plura, PhD. Doc. Ing. M. Hutýra, PhD.	Members
The Journal Kvalita. Inovácia. Prosperita	Prof. Ing. J. Nenadál, PhD. Prof. Ing. R. Petříková, PhD.	Members of Edition Board
The Certification Body SKQS Žilina	Prof. Ing. J. Nenadál, PhD.	Member of Managing Board
The Certification Body ACM DTO	Prof. Ing. J. Nenadál, PhD.	Head
The Certification Body ACM DTO	Prof. Ing. R. Petříková, PhD. Prof. RNDr. J. Tošenovský, PhD. Doc. Ing. M. Hutýra, PhD.	Members
The Certification Body ACM DTO	Prof. Ing. J. Plura, PhD.	Chief Auditor Member of Committee for Personal Certification Chairman of Programme Committee
The Certification Body ACM DTO	Doc. Ing. D. Noskiewičová, PhD.	Member and Auditor Member of evaluation Committee
Faculty of Mechanical Engineering Technical University of Košice	Prof. Ing. J. Nenadál, PhD.	Members of the Examining Board for Final State Exams
Faculty of Mechanical Engineering University of Žilina	Prof. Ing. J. Nenadál, PhD.	Chairman of the Examining Board for Final State Exams
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European Foundation for Quality Management Brussels	Prof. Ing. J. Nenadál, PhD.	Representative of VŠB-TU
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The Czech Union of VTS Prague	Prof. Ing. R. Petříková, PhD.	Member

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The International Association for Statistical Computing (IASC)	Prof. RNDr. J. Tošenovský, PhD.	Member
The Union of Czech Mathematicians and Physicists	Prof. RNDr. J. Tošenovský, PhD.	Member
The scientific Board of International Conference „Companies at Period of Globalization and Integration Processes“	Prof. Ing. J. Nenadál, PhD.	Member

12 THE ACTIVITIES WITHIN BOARDS FOR APPOINTMENT TO PROFESSOR AND HABILITATION BOARDS

University, Faculty	Board	Applicant	Members of the board
VŠB – TU Ostrava	For Habilitation Boards	Dr. Alzbieta Weiss	Prof. Ing. J. Nenadál, PhD. – <i>chairman</i> Prof. RNDr. J. Tošenovský, PhD. – <i>member</i>
University of Žilina	For Habilitation Boards	Ing. Helena Tureková, PhD.	Prof. Ing. J. Nenadál, PhD. – <i>member</i>
ČVUT FEL	For Habilitation Boards	Dr. Ing. Martin Vršata	Doc. Ing. M. Hutýra, PhD. – <i>member</i>

13 SPECIAL AUTHORITIES OF DEPARTMENT

13.1 The Examining Board for Final State Exams of Bachelor Study

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The Department of Quality Management

Faculty of Metallurgy and Material Engineering

Offer of Cooperation:

In the frame of special cooperation with organizations we offer assistance, participation on common projects and special cooperation in all areas of quality management, especially with:

- implementation of quality management systems in accordance to the EN ISO 9000:2001 family of standards,
- application of the EFQM Excellence Model
- self-assessment of organizations,
- implementation of training programs per order,
- implementation of modern statistical methods,
- product capability analysis, measurement capability analysis and measurement system analysis,
- application of quality planning and quality improvement methods incl. FMEA, QFD, DOE,
- analysis of the quality related costs,
- implementation of customer satisfaction and loyalty measurement methodology,
- implementation of quality management processes performance measurement,
- realization of common improvement projects etc.

Contact us!

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