

DEPARTMENT OF QUALITY MANAGEMENT

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



2005 – The Annual Activities Review

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CONTENTS

THE DEPARTMENT MISSION.....	4
THE DEPARTMENT VISION.....	4
1 THE PERSONAL DATA.....	5
2 THE EDUCATION ACTIVITIES.....	6
3 THE POSTGRADUATE EDUCATION.....	12
4 THE RESEARCH ACTIVITIES AND GRANTS	13
5 THE SPECIAL EVENTS ORGANIZED BY THE DEPARTMENT.....	15
6 THE REVIEW OF ACTIVITIES AT SPECIAL EVENTS OUTSIDE THE VŠB - TU OSTRAVA.....	15
7 THE PUBLICATIONS	18
8 THE REVIEWS, EXPERTISES.....	21
9 THE CO-OPERATION WITH PRACTICE.....	22
10 THE ACTIVITIES IN THE CERTIFICATION BODY ACM DTO	23
11 THE REPRESENTATION AT EXPERT AND ACADEMIC BODIES	24
12 THE ACTIVITIES WITHIN BOARDS FOR APPOINTMENT TO PROFESSOR AND HABILITATION BOARDS	26
13 SPECIAL AUTHORITIES OF DEPARTMENT	26

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 engineering 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 regard to the Middle Europe development.

Ostrava, January 18th, 2001

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
Petr Kopp, Ing. petr.kopp.fmmi@vsb.cz	0420/596 995 758	Application of Statistical Tools in Quality Management
Michal Bohuš, Ing. michal.bohus.fmmi@vsb.cz	0420/596 995 758	Application of Statistical Tools in 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 at Faculty of Civil Engineering (full-time). It also guarantees the extramural engineering and bachelor study of branch of Quality Management in consulting point ISQ Prague. 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	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.
FEECS	2.	BF	Quality Management (2-2)	Doc. Ing. Milan Hutýra, PhD.
FEECS	2.	ME	Quality Management (12-0)	Doc. Ing. Milan Hutýra, 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	Basic of Integrate Management (2-2)	Prof. Ing. R. Petříková, PhD.
FMME	3.	ME	Basic 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.
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. Noskiewičová, PhD.
FMME	3.	BF	Quality Planning I (2-2)	Prof. Ing. J. Plura, PhD.

Faculty	Year	Kind of Study	Subject (hours per week)	Lecturer
FMME	3.	BE	Basic Statistical Methods for Quality Management (16-0)	Doc. Ing. D. Noskievičová, PhD.
FSE	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	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.
FMG	5.	MF	Quality Management (3-3)	Prof. Ing. J. Plura, 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	Process Management (3-2)	Doc. Ing. D. Noskievičová, PhD.
FMME	5.	ME	Quality Management (18-0)	Prof. Ing. J. Nenadál, 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.	ME	Special Statistical Methods (22-0)	Doc. Ing. D. Noskievičová, PhD.
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.
FMME	5.	ME	Testing and Certification (3-1)	Doc. Ing. M. Jakob, PhD.
FMME	5.	ME	Change Management (2-2)	Ing. Mgr. Petra Halfarová

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

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

Graduate	Diploma Thesis	Supervisor
Bohoš Lukáš	Computer Aided Product Quality Planning.	Prof. Ing. J. Plura, PhD.
Bolek Ivo	Statistical Process Control of the Flats Products Manufacturing.	Prof. RNDr. J. Tošenovský, PhD.
Bršlica Marián	The Modern Approaches to Products and Processes Quality Planning and their Applications in the Conditions of Czech Enterprises.	Prof. Ing. J. Plura, PhD.
Bulawa Tomáš	Design of Statistical Control of the Transversal Plate Cutting Process at the 3, 5 Four High Rolling Mill.	Doc. Ing. D. Noskiewičová, PhD.
Florčík Pavel	The Analysis and Proposal of the Suppliers Evaluation Procedure at Division 15 – Rourovny.	Prof. Ing. J. Nenadál, PhD.
Horáková Radana	Determination of Basic Uncertainty of the Impact Strength Test in the Plastics.	Doc. Ing. M. Jakob, PhD.
Janoušek Marek	Implementation of Six Sigma at Hayes Lemmerz Autokola, a.s.	Doc. Ing. M. Hutyra, PhD.
Jopek Tomáš	Analysis of Measurement Systems Using Check Gauges in Automotive Industry.	Prof. Ing. J. Plura, PhD.
Kostka Martin	Design of the Statistical Process Control Application at Paint-Shop of Thermo King, s.r.o.	Doc. Ing. D. Noskiewičová, PhD.
Kozubková Andrea	Suggestion and Application of Evaluation of Suppliers in the Company THERMO KING CR, s.r.o.	Prof. Ing. R. Petříková, PhD.
Kubiszová Jana	Six Sigma Applications in the Construction Company.	Prof. RNDr. J. Tošenovský, PhD.
Kucharczyk Radim*	Possibilities for Optimization of the Lengthwise Tonsure Rolled Plates Process on Double Side Scissors in the 3,5 Four-High Rolling Mills of Vitkovice Steel, a.s.	Doc. Ing. D. Noskiewičová, PhD.
Poláková Gabriela	Performance of Special Processes in Application Conditions and their Traceability on European Directive PED 97/23/EU.	Doc. Ing. M. Jakob, PhD.
Řezníček Pavel	System Analysis of Electromotor Defects in Selected Company.	Doc. Ing. D. Noskiewičová, PhD.
Říhová Leona	The Possibilities of Wave Soldering Process Improvement.	Prof. Ing. J. Plura, PhD.

Graduate	Diploma Thesis	Supervisor
Šrom Petr	An Optimal Design of Process Parameters, Methodology of Measurements and Assessment.	Prof. RNDr. J. Tošenovský, PhD.
Šupová Markéta	Evaluation of Efficiency of the Organization MAGNETON According to the Model EFQM and Benchmarking with Similar Firms.	Prof. Ing. R. Petříková, PhD.
Vaněk Martin	The Possibilities of Nonconformities Occurrence Decreasing in Slabs Continuous Casting.	Prof. Ing. J. Plura, PhD.
Vonšík Lukáš	The Analysis of the Balanced Scorecard Implementation within the Management Model of a Construction Organization.	Prof. Ing. J. Nenadál, PhD.

* Thesis by R. Kucharczyk won Price of František Egermazer for the best thesis awarded by Czech Society for Quality.

2.3 PhD Study

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Radomír Bystroň External	1.10.1997	The Defining of Efficiency Principles of QMS and Their Application in Building Company.	Prof. Ing. J. Nenadál, PhD.
Ing. Kateřina Látalová* External	1.10.1997	The Impact of Logistic Conception on QMS Features.	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 Application.	Prof. Ing. J. Plura, PhD.

PhD Student <i>(Internal/External)</i>	Accepted from	Topic of Thesis	Supervisor
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 Production.	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. Hutýra, PhD.
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.

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
Ing. Michal Bohuš <i>Internal</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 Selection.	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</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. Nenádál, PhD.
Ing. Esma Opravilová <i>External</i>	1.10.2004	The Principles and Methods of Quality Management System Improvement.	Prof. Ing. J. Nenádál, PhD.
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. Hutýra, 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. Hutýra, 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.

PhD Student (Internal/External)	Accepted from	Topic of Thesis	Supervisor
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 Koníčková <i>External</i>	1.10.2004	The Meaning of Testing and Measurement Uncertainties Evaluation for Customers Trust Increasing.	Doc. Ing. M. Jakob, PhD.
Ing. Lukáš Bohoš <i>Internal</i>	1.10.2005	The Development of Integrated Approach to the Products and Processes Quality Planning with Using Computer Support.	Prof. Ing. J. Plura, 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 Tailored to the Trade Environment of Mining Industry.	Prof. Ing. J. Nenadál, PhD.

* The Dissertation Thesis of Ing. K. Látalová was defended successfully on 10.12.2005.

3 THE POSTGRADUATE EDUCATION

The department has been organizing various postgraduate courses. One cycle of such education was organized in 2005:

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 2005 year these participants:

First name, surname, titles	Company
Anežka Chudobová	SKS Krnov
Ing. Pavel Sonnek, Ph.D.	Mora Aerospace, a.s. Hlubočky
Ing. Pavla Petriščíková	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 the frame of Leonardo da Vinci European Program the following project was solved:

Project title: Improvement of the Quality, Effectiveness and Efficiency of Health Care Services through Vocational Education and Training - IMPROHEALTH

Duration: October 2003 – November 2005

Responsible person: Doc. Ing. Kristína Zgodavová, PhD., TU Košice

The project goal: To establish sustainable virtual quality center for health sector, development and testing of modular e-learning course for health care managers and administrators, development of e-manuals and e-tools for health care institutions start.

The staff included: Prof. Ing. J. Nenadál, PhD., Prof. RNDr. J. Tošenovský, PhD., Prof. Ing. R. Petříková, PhD., Prof. Ing. J. Plura, PhD., Doc. Ing. D. Noskievičová, PhD., Doc. Ing. M. Hutýra, PhD., Ing. Mgr. P. Halfarová, Ing. P. Kopp, Ing. M. Bohuš

The abroad partners: TU Košice, Slovakia
University of Vassa, Finland
University of Vaxjo, Sweden
Q-Impulz Košice, Slovakia
Slovak Medical Chamber Bratislava, Slovakia
University of Macedonia, Thessaloniki, Greece
Euroconsultants, Thessaloniki, Greece
Qy Optimatics Network, Espo, Finland
National Institute of Public Health Praha, Czech Republic

The project output:

- a) Establishment and activities of virtual quality center for health care.
- b) English master copy and 5 bilingual versions of the 4 module e-learning course with modules: TQM in health care sector, Performance management in health care sector, Change management in health care sector and Human resources management in health care sector.
- c) English master copy and 5 bilingual version of 2 e-manuals: How to implement ISO 9000 in small health care institutions and How to implement ISO 9000 in large health care institutions.
- d) English master copy and 5 bilingual versions of 4 e-tools: e-ISO health care auditor, e-EFQM Healthcare Excellence Model, Benchmarking tool for health care institutions and e-balanced Score Card.

4.2 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. Noskievičová, PhD.

4.3 With support of National Policy of Quality Promotion was solved the project no. 10/7/2005:

Project title: New Aspects of Management in SME aimed of Increasing Efficiency of Company Processes

Duration: January – November 2005

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

The project goal: To create and issue a special publication with the aim of support and developing principles of excellence in the area of SME.

The staff included: Prof. Ing. J. Nenadál, PhD.

The project output: The special publication which is available at National Information Centre for Quality Promotion Prague.

4.4 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.

4.5 With support of Ministry of Education, Youth and Sports were solved the project no. 2327/2005/G1:

Project title: The Creation of Program Specialized in Statistical Process Control and Process Capability Analysis

Duration: January 2005 – December 2005

Responsible person: Ing. Petr Kopp

The project goal: To create a program for statistical process control (SPC) and process capability analysis (by the help of capability indices) which is run from Excel including detailed help with characterization of macros, theoretical ground, specimen examples and control questions so that this program can serve as instrument in teaching and students self-studying.

The staff included: Ing. M. Bohuš, Doc. Ing. D. Noskiewičová, PhD.

The project output: The program, which is run from Excel, was created. The help includes characterization of macros inclusive their applicability and presumptions, theoretical ground, specimen examples and control questions. For every type of control chart, specimen examples were created in Excel sheets. So students can appreciate all algorithms. Pareto chart and CUSUM chart (with V-mask) are part of these specimen examples.

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

The members of Quality Management Department have been guaranteeing a publishing of ample monograph, 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 is enriched 3 times per year by additional 150 pages of any revision. The publication is oriented to various approaches, requirements and processes of integrated management in practice. A lot of specialists from Czech R. contribute to this monograph 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.

5 THE SPECIAL EVENTS ORGANIZED BY THE DEPARTMENT

Event name	Type of events	Date	Seminar chair	Venue	Number of participants
QUALITY 2005.	International conference	17. - 18.5. 2005	Růžena Petříková Jaroslav Nenadál	Ostrava	280

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.	The Process and Systems Performance Measurement	Course	Žilina (Slovakia)	1.2.2005	<i>leading the course</i>
	The Quality – Guarantee of Sustainable Development	International conference	Žilana (Slovakia)	10.11.2005	Some Lessons Learned from Process Performance Measurement within the Organizations.
J. Nenadál, Prof. Ing. PhD.	Quality – the Necessary Condition of Company Development	Seminar	Opole (Poland)	10.12.2005	The Process Approach to Quality Management.
R. Petříková, Prof. Ing. PhD.	IMPROHEALTH	International partners Meeting	Thessaloniki (Greece)	24.-26.9. 2005	Human Resources Management in Health Care Sector.

Name	Event name	Type of event	Venue	Date	The lecture's title
R. Petříková, Prof. Ing. PhD.	34th Annual CET WFEO Meeting	Annual Meeting	San Juan (Puerto Rico)	17.-21.10. 2005	The Issues of Innovation and Entrepreneurship for Small and Medium Companies.
J. Tošenovský, Prof. RNDr. PhD.	SOCRATES	International seminar	Cordoba (Spain)	11.-20.3. 2005	The Choice Problems of Capability Evaluation and Their Solutions. Methodical Questions, Contents and Experience with Education of Econometrics in Technical University.
M. Hutýra, Doc. Ing. PhD.	Integrating for Excellence	International conference	Sheffield (UK)	15.-17.6. 2005	Quality Management System as the Part of University Management.

6.2 Inland

Name	Event name	Type of event	Venue	Date	The lecture's title
J. Nenadál, Prof. Ing. PhD.	OHSaS: Prepared Statutory Requirements at Czech Republic and EU	Seminar	Brno	22.3.2005	The Integrated Management System, its Principles and Effects.
	The Management Systems and their Contributions for Organization	Seminar	Ostrava	3.11.2005	Some Lessons Learned from Process Performance Measurement.
	The Present Problems of Metrology	Seminar	Ostrava	28.11.2005	The Fundamentals of Quality Management.
R. Petříková, Prof. Ing. PhD.	Manager Increases Value of Organization	Modular course	Ostrava	18.1.2005	The New Personal Quality in Company Processes.
	Competitiveness of Companies	International conference	Čeladná	8.-10.2. 2005	The Company Knowledge as Competitive Advantage.
	PEMAN 05 (Personal Management 05)	International conference	Praha	17.3.2005	Importance of Personal Quality in Company Processes.

Name	Event name	Type of event	Venue	Date	The lecture's title
R. Petříková, Prof. Ing. PhD.	METAL 2005	International conference	Hradec n. Moravicí	24.-26.5. 2005	People – Source of Quality, Knowledge and Enterprise Performance.
	Quality and Innovation – Way to Sustainable Development	International conference	Praha	7.-9.11. 2005	Czech System Focused on Quality, Innovation, Performance and Success.
	T. Bata's Creative Legacy and Present Business	International conference	Zlín	19.-20.5. 2005	New „Personal“ Quality – Guarantee of Efficiency in Company.
	QUALITY 2005	International conference	Ostrava	17.-18.5. 2005	From Knowledge to Wisdom.
	III. Meeting in Senate of Czech Republic	Meeting	Praha	30.6.2005	Personal Quality – Basis of All Other Qualities.
	IV. Meeting in Senate of Czech Republic	Meeting	Praha	29.11.2005	PERMANENT – Czech Management System through Performance Characteristics.
	The Management Systems and their Contributions for Organization	Seminar	Ostrava	3.11.2005	Importance of Knowledge to Improve Company Processes or Investment in People Is Worthwhile.
J. Plura, Prof. Ing. PhD.	QUALITY 2005	International conference	Ostrava	17.-18.5. 2005	The Use of Methods Supporting Quality Planning in Czech Enterprises.
	The Management Systems and their Contributions for Organization	Seminar	Ostrava	3.11.2005	Do We Use Suitable Methods Supporting Quality Planning and Continuous Improvement Sufficiently?

Name	Event name	Type of event	Venue	Date	The lecture's title
P. Kopp, Ing. M. Bohuš, Ing.	XXX. ASR 2005 – Integrated Production Management	Seminar	Ostrava	28.-29.4. 2005	The View of Control Charts Used in Various Situations within the Framework of Statistical Process Control and Their Application in Excel.
	QUALITY 2005	International conference	Ostrava	17.-18.5. 2005	Possibilities of Using Excel in Area of SPC.
D. Noskiewičová, Doc. Ing. PhD.	QUALITY 2005	International conference	Ostrava	17.-18.5. 2005	Recalculation of Control Limits in Control Charts.
	Controlled Quality in Health and Social Care.	Congress	Ostrava	21.-22.6. 2005	Application of Statistical Process Control for Healthcare Process Improvement.
M. Hutýra, Doc. Ing. PhD.	QUALITY 2005	International conference	Ostrava	17.-18.5. 2005	The Experiences with Implementation of Quality Management System at VŠB-Technical University of Ostrava.
	The Management Systems and their Contributions for Organization	Seminar	Ostrava	3.11.2005	Quality Management as the Part of University Management.

7 THE PUBLICATIONS

7.1 Books

NENADÁL, J.: *Total Quality Management. Principles. Approaches. Processes. Volume 2.* Katowice: GWSH. 2005, 182 p. (ISBN 83-88402-57-9).

NENADÁL, J. – NOSKIEVIČOVÁ, D. – PETŘÍKOVÁ, R. – PLURA, J. – TOŠENOVSKÝ, J. – VYKYDAL, D.: *How To Increase an Organization Performance. [In Czech].* Ostrava: DTO. 2005, 204 p. (ISBN 80-02-01709-9).

NENADÁL, J. – LÁTALOVÁ, K. – HERCÍK, P. – VOLKO, V. – VÁPENÍČEK, A.: *Management System with Using of Basic Tools for Small Organizations. [In Czech].* Praha: NIS pro podporu jakosti. 2005, 140 p. (ISBN 80-02-01767-6).

PETŘÍKOVÁ, R. – NENADÁL, J. – ZELENÝ, M. – GIRSTLOVÁ, O.: *New Aspects in SME Management with the Aim to Increase Effectiveness of Company Processes. [In Czech]*. Praha: NIS pro podporu jakosti. 2005, 146 p. (ISBN 80-02-01766-8).

7.2 Textbooks

NENADÁL, J. – PLURA, J. – HUTYRA, M. – PETŘÍKOVÁ, R.: *Fundamentals of Quality Management. [In Czech]*. Lecture notes. Ostrava: VŠB-TU Ostrava. 2005, 145 p. (ISBN 80-248-0969-9).

NOSKIEVIČOVÁ, D.: *Fundamentals of SPC and Capability Analysis. [In Czech]*. Supporting textbook for course. Ostrava: VŠB-TU Ostrava. 2005, 66 p.

PETŘÍKOVÁ, R.: *The New Personal Quality in Company Processes. [In Czech]*. Textbook for course of managerial study, 3. module. Ostrava: DTO. 2005.

TOŠENOVSKÝ, J.: *Six Sigma Strategy with Using of Balanced Scorecard. [In Czech]*. Electronic textbook (CD). Ostrava: DTO, 2005.

7.3 Proceeding's Articles from Scientific Conference

BOHUŠ, M. – KOPP, P.: *Possibilities of Using Excel in Area of SPC. [In Czech]*. In: Conference proceedings „QUALITY 2005“. Ostrava: DTO. 2005, p. H1-H5 (ISBN 80-02-01729-3).

BOHUŠ, M. – KOPP, P.: *The View of Control Charts Used in Various Situations within the Framework of Statistical Process Control and Their Application in Excel. [In Czech]*. In: Seminar proceedings „XXX. ASR Seminar 2005“. Ostrava: VŠB-TU Ostrava. 2005 (ISBN 80-248-0774-2).

HUTYRA, M.: *The Experiences with Implementation of Quality Management System at VŠB-Technical University of Ostrava. [In Czech]*. In: Conference proceedings „QUALITY 2005“. Ostrava: DTO. 2005, p. I1-I4 (ISBN 80-02-01729-3).

HUTYRA, M.: *Quality Management System as the Part of University Management*. In: Conference proceedings „Integrating for Excellence“. Sheffield Hallam University (UK). 2005, p. 164-167 (ISBN 1 84387 131 9).

KUBINA, T. – SCHINDLER, I. – PLURA, J. – HEGER, M. – BOŘUTA, J. – HADASIK, E. – DÄNEMARK, J.: *A New Software Calculating the Activation Energy. [In Czech]*. In: Conference proceedings „Forming 2005“. Lednice: VŠB-TU Ostrava. 2005, p. 145-150 (ISBN 80-248-0888-9).

NENADÁL, J.: *Integrated Management System – Principles and Effects. [In Czech]*. In: Seminar proceedings „OHSaS: Prepared Statutory Requirements at Czech Republic and EU“. Ostrava: DTO. 2005, p. 13-17.

NENADÁL, J.: *Some Lessons Learned from Process Performance Measurement within the Organizations*. In: Conference proceedings „XII. International Conference on the Occasion of Quality World Day“. Žilina: SSK. 2005 (ISBN 80-85348-68-3).

NOSKIEVIČOVÁ, D.: *Recalculation of Control Limits in Control Charts. [In Czech]*. In: Conference proceedings „QUALITY 2005“. Ostrava: DTO. 2005, p. D27-D30 (ISBN 80-02-01729-3).

NOSKIEVIČOVÁ, D.: *Application of Statistical Process Control for Healthcare Process Improvement. [In Czech].* In: Proceedings from „Controlled Quality in Health and Social Care“. Ostrava: DTO. 2005, p. B8-B11 (ISBN 80-02-01736-6).

PETŘÍKOVÁ, R.: *Company Knowledge as Competitive Advantage. [In Czech].* In: Conference proceedings „Competitiveness of Companies“. Čeladná: VŠB-TU Ostrava. 2005 (ISBN 80-902713-6-7).

PETŘÍKOVÁ, R.: *Importance of Personal Quality in Company Processes. [In Czech].* In: Conference proceedings „PEMAN 05“. Praha: EVIDA Plzeň. 2005 (ISBN 80-865-60-5).

PETŘÍKOVÁ, R.: *Czech System Focused on Quality, Innovation, Performance and Success. [In Czech].* In: Conference proceedings „Quality and Innovation – Way to Sustainable Development“. Praha: ČSJ. 2005 (ISBN 80-02-01771-4).

PETŘÍKOVÁ, R.: *New „Personal“ Quality – Guarantee of Effectivity in Company Processes. [In Czech].* In: Conference proceedings „T. Bata’s Creative Legacy and Present Business“. Zlín: UTB Zlín. 2005 (ISBN 80-7318-294-7).

PLURA, J. – VYKYDAL, D.: *The Use of Methods Supporting Quality Planning in Czech Enterprises. [In Czech].* In: Conference proceedings „QUALITY 2005“. Ostrava: DTO. 2005 (ISBN 80-02-01729-3).

7.4 Journals’ Articles

HUTYRA, M.: *Faculty of Electrical Engineering and Computer Science in VŠB-TU Ostrava Was Certified According To ISO 9001. [In Czech].* Jakost pro život. DT Ostrava, n. 1/2005, p. 26-30 (ISSN 1213-0958).

KUBINA, T. – SCHINDLER, I. – HEGER, M. – PLURA, J. – BOŘUTA, J. – HADASIK, E. – DÄNEMARK, J.: *Statistical Comparison of Different Methods of Calculation of Parameters Describing Dynamic Recrystallization. [In Czech].* Acta Metallurgica Slovaca, n. 3/2005, p. 362-368 (ISSN 1335-1352).

NENADÁL, J.: *Processes Performance Measurement and Six Sigma Programs. [In Czech].* Kvalita n. 2/2005, p. 12-18 (ISSN 1335-9231).

NENADÁL, J.: *Buying vs. Partnership with Suppliers: Marriage Not Only by Intellect. [In Czech].* Kvalita n. 4/2005, p. 4-12 (ISSN 1335-9231).

PETŘÍKOVÁ, R.: *Information, Communication and Knowledge – Main Categories of Present World. [In Czech].* Perspektivy jakosti, II. annual volume, December 2005. (ISSN 1214-8865).

PETŘÍKOVÁ, R.: *China in Centre of World Attention. [In Czech].* Jakost pro život (special quarterly). DT Ostrava, VI/n. 2, May 2005 (ISSN 1213-0958).

PETŘÍKOVÁ, R. – VÍTKOVÁ, R.: *How To Increase Performance and Competitiveness of Companies. [In Czech].* Jakost pro život (special quarterly). DT Ostrava, VI/n. 3, September 2005 (ISSN 1213-0958).

PETŘÍKOVÁ, R.: *WFEO Annual Meeting for Education and Training of Engineers. [In Czech].* Jakost pro život (special quarterly). DT Ostrava, VI/n. 4, December 2005. (ISSN 1213-0958).

7.5 Research Reports

MICHALEK, K. – PINDOR, J. – PLURA, J. et al.: *The Possibilities of Prediction and Minimization of Mixed Areas in Continually Casted Billets. [In Czech].* General report about project solution GAČR n. 106/03/0266. Ostrava: VŠB-TU Ostrava. 2005, 37 p.

NOSKIEVIČOVÁ, D.: *Complex Analysis of Emission of CO₂. [In Czech].* Report from project - MSM 6198910019 Reduction of CO₂ Production – DECO_x Processes. Ostrava: VŠB-TU Ostrava. 2005, 45 p.

PLURA, J. – NOSKIEVIČOVÁ, D.: *The Proposal of Improved Approach to Quality Control in the Process of Rubber Mixture Preparation in Conditions of Matador Púchov, a.s. [In Czech].* Ostrava: VŠB-TU Ostrava. 2005, 11 p.

7.6 Other Publications

PETŘÍKOVÁ, R.: *Personal Quality – Basis of All Other Qualities. [In Czech].* In: Text set from III. Meeting in Senate of Czech Republic. Praha. 2005.

PETŘÍKOVÁ, R.: *PERMANENT – Czech Management System through Performance Characteristics. [In Czech].* In: Text set from IV. Meeting in Senate of Czech Republic themed „PERMANENT – Czech Management System through Performance Characteristics“. Praha. 2005.

8 THE REVIEWS, EXPERTISES

8.1 The Appoitment to Professor

Name	Employer	Assessor
Šalgovičová Jarmila, Doc. Ing. PhD.	SU Bratislava (Slovakia)	Prof. Ing. J. Nenadál, PhD.

8.2 The Habilitation Theses

Name	Employer	Topic	Assessor
Paulová Iveta, Ing. PhD.	STU M TF Trnava (SR)	The Contribution to the Establishing of Selected Methods for Efficiency and Effectiveness Evaluation at Quality Management System.	Prof. Ing. J. Nenadál, PhD.
Janíček Ladislav, Ing. PhD. MBA	Masarykova univerzita Brno	Quality Management Systems for Continuing Education.	Prof. Ing. J. Plura, PhD.

8.3 PhD Theses

PhD Student	Employer	Topic	Assessor
Hanák Peter, Ing.	ŽU v Žilině (Slovakia)	The Quality Management System Development at Airlines Against the ISO 9000:2000 Family of Standards.	Prof. Ing. J. Nenadál, PhD.
Krečmarská Lucie, Ing.	VŠB-TU Ostrava	Selected Managerial Competences and their Evaluation.	Prof. Ing. R. Petříková, PhD.

PhD Student	Employer	Topic	Assessor
Košková Ivana, Ing.	TU Košice (Slovakia)	EFQM Model – its Contribution and Possibilities of Implementation in Company Practice.	Prof. Ing. R. Petříková, PhD.

8.4 Solved Projects

Project title	Project leader	The review made for	Assessor
Acceptable Characteristics of Wage Level in Czech Republic – Monte Carlo Simulation.		Grant Agency of the Czech republic	Prof. RNDr. J. Tošenovský, PhD.
The Improvement of Young Researchers 'Social Recognition.	Surovec Pavel, Prof. Ing. Ph.D.	Ministry of Education SR	Prof. Ing. J. Nenadál, PhD.

8.5 Publications

Publication title	Author	Kind of publication	Reviewer
Konkurenceschopnost podniků v podmínkách globalizace.	International composite authors	Book	Prof. Ing. R. Petříková, PhD.

9 THE CO-OPERATION WITH PRACTICE

Action	Consumer	Supplier
The Internal Auditor Training	Free Zone, a.s. Ostrava	Prof. Ing. J. Nenadál, PhD.
The special course „FMEA Method and its Use“	Bleckmann, Velké Leváre	Prof. Ing. J. Plura, PhD.
The special course „FMEA Method and its Use“	Indet Safety Systems, Vsetín	Prof. Ing. J. Plura, PhD.
The special course „FMEA Method and its Use“	CeramTec, Šumperk	Prof. Ing. J. Plura, PhD.
Course „Fundamentals of SPC and Capability Analysis“	Osram Bruntál, s.r.o.	Doc. Ing. D. Noskiewičová, 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 Laboratories
Technician of Testing Laboratories

For the Field of Diagnostics:

Technical Diagnostician – Tribodiagnostics and Vibrodiagnostics

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

105 persons were certified and 91 holders of certification were recertified in 2005 for these functions:

Function	Certification	Re-certification
Quality Manager + EOQ	22	24
Quality Professional + EOQ	2	0
Quality auditor + EOQ	14	19
Leader of Testing Laboratories	0	0
Special Technician of Testing Laboratories	0	0
Director of Organization (Testing Laboratories)	0	7
Quality Manager of Testing Laboratories	0	0
EMS Manager + EOQ	15	5
EMS Auditor + EOQ	7	3
Technical Diagnostician – Vibro	13	23
Technical Diagnostician – Tribo	9	11
HSMS Manager + EOQ	15	2
HSMS Auditor + EOQ	3	1
Management Systems Consultant	5	0
Total	105	96

11 THE REPRESENTATION AT EXPERT AND ACADEMIC BODIES

11.1 At VŠB – Technical University Ostrava

Expert (Academic) Bodies	Representative	Membership
Scientific Board (FMMI)	Prof. Ing. J. Nenadál, PhD.	Member
Scientific Board (FBI)	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 ACMDTO	Prof. Ing. J. Nenadál, PhD.	Head
The Certification body ACMDTO	Prof. Ing. R. Petříková, PhD. Prof. RNDr. J. Tošenovský, PhD. Doc. Ing. M. Hutýra, PhD.	Members

Expert (Academic) Bodies	Representative	Membership
The Certification body ACMDTO	Prof. Ing. J. Plura, PhD.	Member and Chief Auditor Chairman of Programme Committee
The Certification body ACMDTO	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. Prof. Ing. R. Petříková, PhD.	Members of the Examining Board for Final State Exams
Faculty of Mechanical Engineering University of Žilina	Prof. Ing. J. Nenadál, PhD.	Member of the Examining Board for Final State Exams
Technical University of Trenčín	Prof. Ing. R. Petříková, PhD.	Chairman of the Examining Board for Final State Exams
Technical University of Košice, Faculty of Mining, Ecology and Geotechnology	Prof. Ing. J. Plura, PhD.	Chairman of the Examining Board for Final State Exams
Faculty of Economics and Management	Prof. Ing. R. Petříková, PhD.	Member of the Field Study Board for PhD Study Member of the Examining Board for PhD State Exams Member of the Board for Defence of Theses
European Foundation for Quality Management Brussels	Prof. Ing. J. Nenadál, PhD.	Representative of VŠB-TU
The Journal Zpravodaj ČSVTS	Prof. Ing. R. Petříková, PhD.	Member of Edition Board
The Finance Magazine	Prof. Ing. R. Petříková, PhD.	Member of Edition Board
The Education and Training Committee of WFEO Brussels	Prof. Ing. R. Petříková, PhD.	Representative of the Czech Republic
The Czech Union of VTS Prague	Prof. Ing. R. Petříková, PhD.	Member
The Czech Society for Metrology Prague	Prof. Ing. R. Petříková, PhD.	Member
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 Advisory Board of National Information Centre for Quality Support Prague	Prof. Ing. J. Nenadál, PhD. Prof. Ing. R. Petříková, PhD.	Members
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, FMMI	For Habilitation Boards	Janíček Ladislav, Ing. Ph.D. MBA.	Prof. Ing. J. Nenadál, PhD. – <i>chairman</i>
STU, M TF Trnava	For Habilitation Boards	Paulová Iveta, Ing. Ph.D.	Prof. Ing. J. Nenadál, PhD. – <i>member</i>
ZČU Plzeň	For Habilitation Boards	Novák Josef, Ing. Ph.D.	Prof. Ing. J. Nenadál, PhD. – <i>member</i>

13 SPECIAL AUTHORITIES OF DEPARTMENT

13.1 The Examining Board for Final State Exams

Commision n.1:

Doc. Ing. Kristina Zgodavová, PhD. (EfF TU Košice) - chairman
 Prof. Ing. Jaroslav Nenadál, PhD. – vice-chairman
 Prof. Ing. Růžena Petříková, PhD.
 Doc. Ing. Pavla Macurová, PhD. (EF VŠB-TU Ostrava)
 Doc. Ing. Darja Noskíevičová, PhD.
 Ing. Petr Benda, PhD.
 Ing. Mgr. Petra Halfarová – secretary

Commision n.2:

Prof. Ing. Karel Macík, PhD.
 (Department of Management and Economics, FS ČVUT Praha) – chairman
 Prof. Ing. Jiří Plura, PhD. - vice-chairman
 Ing. Otakar Král, PhD. (director of ISQ, s.r.o. Praha)
 Prof. RNDr. Josef Tošenovský, PhD.
 Doc. Ing. Miloslav Jakob, PhD. (director of JTC)
 Ing. Petr Kunčický, PhD. (director of TOQUM)
 Ing. Michal Bohuš – secretary

13.2 The Field Study Board for PhD Students

Prof. Ing. Jaroslav Nenadál, PhD. – chairman
 Prof. Ing. Růžena Petříková, PhD.
 Prof. RNDr. Josef Tošenovský, PhD.
 Prof. Ing. Jiří Plura, PhD.
 Doc. Ing. Miloslav Jakob, PhD.
 Prof. Ing. Jaroslav Jirásek, DrSc.
 Prof. Ing. Ivan Slimák, PhD.
 Prof. Ing. Milan Vrožina, PhD.
 Doc. Ing. Milan Hutýra, PhD.
 Ing. Karel Klimek, PhD.

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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