# H – Personální zabezpečení – přednášející / Teaching Staff – Lecturer

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| **Název VŠ / součásti / Name of school / faculty** | Technical University of Liberec | | | | Faculty of Mechatronics and Interdisciplinary Engineering Studies | | |
| **Název SP / Name of study program** | Electrical Engineering and Informatics | | | | | | |
| **Jméno a příjmení / Lecturer (First name and last name** | Miroslav Novák | | | | **Tituly / Titles** | MSc., Ph.D. | |
| **Rok narození / Year of birth** | 1974 | **typ vzt. / Type of employment** | Full-time | **Rozsah / Range of employment** | 40 hours a week | **do kdy / employed till** | 2008 |
| **Další současní zaměstnavatelé / Other employers** | | | | **typ prac. vztahu / type of employment** | | **Rozsah / range** | |
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**Přednášky v předmětech / Lectures in subjects**

DMS*T – Diagnostics and measurement of textile machines
ESY – Electrotechnics system design

**Údaje o oboru vzdělání na VŠ a o praxi od absolvování VŠ, vč. studia v doktorském SP / Education, titles received and previous employment**

1999 MSc. at Technical University of Liberec, Facylty of mechanical engineering, Automated systems in mechanical engeneering
2003 Ph.D. at TU of Liberec, Faculty of Mechatronics and Interdisciplinary Engineering Studies, Technical cybernetics. Thesis: Transient Phenomenon During Transformer Energizing – Methods of Inrush Current Suppression.
2004 since now employed at TU of Liberec, Faculty of Mechatronics and Interdisciplinary Engineering Studies, Assistant Professor

**Přehled o publikační a další tvůrčí činnosti za posledních 5 let / A short list of the most relevant publications and R&D achievements within in the last 5 years**

Novák M. *Improved Control method of transformer soft-starter.* Proceedings ECMS, 6th International Workshop on Electronic, Control, Measurement and Signals. 1. ed. Liberec: Tech. University, 2003. pg. 389-292. ISBN 80-7083-708-X

Václavík J., Novák M., Richter A., Zissis G. *Aspects of Energy Consumption in Large Lighting Systems.* Proceedings Seatle: IEEE IAS 2004, ISBN 0-7803-8486-5, ISBN 0-7803-8487-3

Václavík, Jan; Novák, Miroslav. *Current oscillations in lighting systems with discharge lamps.* Journal of Physics D: Appl. Phys. 38, 2005, s. 3237-3241, ISSN 0022-3727.

Patent CZ 296466/2006 Method of transformer inrush current suppression

Honorary aword in the competition Gold ampere at the biggest Czech electrotechnics fair AMPER 2004. Design of the fastest non-informed bipolar soft-start method for transformer inrush current suppression.

**Působení v zahraničí / Stays abroad**

3/2001- 6/2001 France - CPAT–Univ. Paul Sabatier III, Socrtes ERASMUS stay

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| **Obor habilitačního nebo jmenovacího řízení nebo udělení vědecké hodnosti / PhD degree and habilitation - Research area** | Technical cybernetics | **ohlasy publikací / number of SCI citations** | |
| | | **2** | |
| **PhD degree and habilitation - year and institution** | 2003 Technical University of Liberec | **mezinár. / international** | **tuzem. / national** |
| **Podpis přednášejícího / Lecturer signature** | | 1 | 1 |
| | **Datum / date** | | |