

## Curriculum Vitae

**Name and Surname:** Romanas MARTAVIČIUS

**Education:** Higher

Date	Institution	Scientific degree
1998	VGTU	Professor (Technological Sciences)
1997	VGTU	Habilitated Ph.D. (Technological Sciences, Electrical and Electronic Engineering)
1993	LMT (Nostrification)	Associated Professor (Technological Sciences)
1993	LMT (Nostrification)	Ph. D. (Technological Sciences)
1985	VISI (VGTU)	Associated Professor (Technological Sciences)
1977	KPI (KTU)	Ph. D. (Technological Sciences, Electrical and Electronic Engineering)
1968	KPI VF (KTU)	Engineer diploma with honour

**Pedagogical name:** Professor

**Scientific degree:** Ph. D.

**Scientific field:** Technological Science

**Science direction:** Electric and Electronics Engineering; Informatics Engineering

**Scientific branch:** Signal Technologies; Systems Engineering, Computer Technology;

**Scientific interests:** Image Technology; Medical Technology; Computer Technology; High-Frequency Technology, Microwaves

**Birth date:** 1945 11 25

**Languages:** Lithuanian, German, Russian

### Current position

Date	Organisation	Position
From 2000	Department of Electronic Systems	Professor, Head of Department

### Currently Teaching subjects

Module Code	Studies	Subject
ELESD11305	III cycle	Technology of Digital Signal Processing
ELESD11202	III cycle	Signal Processing in Electronic Circuits
ELESM11101	II cycle	Signals and Signal Processing
ELESB11402	I cycle	Signals and Circuits 1
ELESB11501	I cycle	Signals and Circuits 2
ELESB11101	I cycle	Introduction to Electronics Engineering
ELESB11102	I cycle	Introduction to Informatics Engineering

### Previous work activities

Date (from–until)	Organisation	Position
1990– 2000	VGTU Department of Radioelectronics	Assoc. Professor, Professor
1986–1990	VGTU (KPI) Department of Radioelectronics	Assoc. Professor
1981–1986	VISI (VGTU) Department of Radioelectronics	Assoc. Professor
1977–1981	VISI (VGTU) Department of Radioelectronics	Assistant, Senior Assistant

### Qualification improvement

Date (from–until)	Organisation, Country	Notes
1998	Sciences Council of Lithuania	Lithuanian Science Award for the work “ <i>Broadband electronic devices for information processing systems. Theory, modeling and application.</i> (1981–1996)” (together with R. Kirvaitis, J. Skudutis, J. Stankūnas, S. Štaras, Z. Vainorys).
2006	Ministry of Education and Science of Lithuania	The first prize in the contest of higher education textbooks for the textbook “Analog electronics” (coauthor R. Kirvaitis)
2013	Institute of Electrical and Electronics Engineers (IEEE)	Senior Member
2007	Stralsund University of Applied Sciences, Germany	Analyzed in the study process, Course of lectures under SOCRATES programme framework
2006	Wuerzburg–Schweinfurt University of Applied Sciences, Germany	Analyzed in the study process, Course of lectures under SOCRATES programme framework
2005	Westphalian University of Applied Sciences, Germany	Analyzed in the study process, Course of lectures under SOCRATES programme framework
2004	Dresden University of Applied Sciences, Germany	Analyzed in the study process, Course of lectures under SOCRATES programme framework
From 2003	Vilnius Gediminas Technical University, Lithuania	Member of VGTU Doctoral Committee for Scientific Field of Electrical and Electronic Engineering (01T)
2003	Westphalian University of Applied Sciences, Germany	Course of lectures under SOCRATES programme framework
From 2001	Institute of Electrical and Electronics Engineers (IEEE)	Member
2000	Dresden University of Applied Sciences, Germany	Analyzed in the study process, Course of lectures under SOCRATES programme framework
1999	Karlsruhe Institute of Technology, Germany	Scientific analysis of digital signal processing
1982–1983	Ruhr University Bochum, Germany	10 months Research Fellowship

### Participation in projects

Date (from – until)	Description
2010–2012	“ <i>Vilnius Gediminas technical university management setup development for structure optimization</i> ”, EU structural funds, No. VP1-2.1-ŠMM-04-K-01-012. Leader.
2010–2011	“ <i>Renewal of Bachelor level studies programmes in Faculty of Electronics</i> ”, EU structural funds No. VP1-2.2-ŠMM-07-K-01-047. Participant.
2009	“ <i>Lithuanian Language Isolated Word Recognition Implementation by Field Programmable Gate Arrays</i> ”, Lithuanian State Science and Studies Foundation, No. T–106/09. Leader.
2008	“ <i>Development of Parameterization and Catalogue System for Two-Dimensional Electrophoresis Gel Images</i> ”, Lithuanian State Science and Studies Foundation, No. T–111/08. Participant.
2008	“ <i>Investigation of Ant Colony Optimization Techniques Implementation by Field Programmable Gate Arrays</i> ”, Lithuanian State Science and Studies Foundation, No. T–112/08. Leader.

Date (from – until)	Description
2007–2008	“Renewal of VGTU Master and Ph. D. studies programmes in the field of Electronics and Informatics Engineering”, EU structural funds, No. ESF/2004/2.5.0-03-376/BPD-152 SFMIS No. BPD2004-ESF-2.5.0-03-05/0017. Leader.
2005–2007	“Automatic Detection and Analysis of Human Intracranial Saccular Aneurysms on Angiography Images”, EUREKA, E!3475. Participant.
2003–2005	“Automatic Analysis of Human Cerebral Ischemic Stroke in Computerized Tomography Images”, EUREKA, E!2981. Leader.
2002	“Terrestrial digital television (DVB-T) for the development of Lithuania”, Lithuanian Radio and Television Centre Study the Order is Ready. Contractor to the KTU and VGTU. Leader of VGTU

### PhD students

Date (from–until)	Thesis Topic	PhD student
2012–2015 m.	“Development and Investigation of Electronic Control System for Alternative Energy Sources”. Technological Sciences, Electrical and Electronic Engineering (01T).	Modestas PIKUTIS
2011–2014 m.	“Models of Broadband Planar Slow-Wave Systems and Their Investigation”. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2014-06-13.	Edvardas METLEVSKIS
2010–2013 m.	„Investigation of Frequency properties of Helical and Meander Slow-Wave System“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2013-05-10.	Andrius KATKEVIČIUS
2009–2012 m.	„Investigation and Improvement of Electric Control System for Solar Energy Sources“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2012-12-19.	Dominykas VASAREVIČIUS
2005–2008 m.	„Analysis of the Electronic System Dedicated for Shared Creation and Usage of Specialized Documents“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2008-12-19.	Darius MATEIKA
2004–2007 m.	„Analysis of Medical Images in Frequency and Space-Frequency Domains“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2007-09-14.	Evaras ŽITKEVIČIUS
2002–2005 m.	„Investigation of digital Automatic Systems for Evaluation of Small Changes“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2005-12-22.	Rokas KVEDARAS
1998–2001 m.	„Investigation and CAD of Meander Systems“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 2001-08-31.	Andrejus JURJEVAS
1990–1995 m.	„Analysis and Design of Meander Delay Lines“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 1996-04-25.	Vytautas URBANAVIČIUS
1988–1991 m.	„Meander microstrip delay lines Research and development“. Technological Sciences, Electrical and Electronic Engineering (01T) – defended 1991-06-21.	Antanas GURSKAS