

# List of Achievements

<b>Name</b>	Mr Guru Prasaath Pushparaj
<b>Date and Place of Birth</b>	1999-03-01 in Neyveli, Tamil Nadu / India
<b>Matriculation Number</b>	1702033
<b>University</b>	Universität Siegen
<b>Degree</b>	Master of Science (M.Sc.) Degree in accordance with the examination regulations for the degree course of "Mechatronics" issued at 2013-07-03
<b>Subject of Study</b>	Mechatronics
<b>Academic Degree</b>	Master of Science (M.Sc.)
<b>Date of Exam</b>	2025-09-29
<b>Credit Points</b>	120
<b>Grade</b>	good (1.7)

<b>Name of Exam / Examiner</b>	<b>Semester</b>	<b>Date</b>	<b>Remarks</b>	<b>Trial if &gt; 1</b>	<b>Status</b>	<b>CP</b>	<b>Grade</b>
<b>Master Mechatronics</b>					BE	120	1.7
Master's Thesis <i>Development of Deep Learning Models for Predicting Load Parameters of Specific Gear Designs to Boost Finite-Element-Method Simulation Workflows</i> Univ.-Prof. Dr.-Ing. Peter Kraemer	SoSe 2025	29.09.2025			BE	20	1.3
Project Work <i>Synthetic Data Generation for the Extension of Degradation Index from Run-to-failure Tests to Compensate for Missing Data</i> Univ.-Prof. Dr.-Ing. Peter Kraemer	WiSe 2024/25	20.01.2025			BE	10	1.0
<b>Module Block Adaptation</b>					BE		passed
Examination Embedded Control Univ.-Prof. Dr.-Ing. Roman Obermaisser	WiSe 2022/23	28.03.2023			BE	5	1.7
Electrical and Electronic Engineering I Dr.-Ing. Thomas Schulte	WiSe 2022/23	06.02.2023			BE	5	2.7
Electrical Machines and Power Electronics Univ.-Prof. Dr.-Ing. Mario Pacas	SoSe 2023	25.07.2023			BE	5	2.0
<b>Module Block Integration</b>					BE		passed
Automation & Industrial Communication Univ.-Prof. Dr.-Ing. Günter Schröder	WiSe 2022/23	02.03.2023			BE	5	2.3
Fluid Power Prof. Dr. Denis Anders Univ.-Prof. Dr.-Ing. Holger Foysi	WiSe 2022/23	15.02.2023			BE	5	1.7
Sensorics Univ.-Prof. Dr.-Ing. Oliver Nelles	SoSe 2023	23.08.2023			BE	5	2.7
Project Management Univ.-Prof. Dr.-Ing. Peter Burggräf	SoSe 2023	29.09.2023			BE	5	1.0
Introduction to Programming Univ.-Prof. Dr. Kristof Van Laerhoven	SoSe 2023	14.08.2023			BE	5	2.7
Fundamentals of Control Prof. Dr.-Ing. habil. Michael Gerke	WiSe 2022/23	20.02.2023			BE	5	2.0

<b>Key</b>			
<b>Remarks</b>			
<b>Status</b>	<b>BE</b>	passed („bestanden“)	NB failed („nicht bestanden“)
			EN irrevocably failed („endgültig nicht bestanden“)

List of Achievements, Mr Guru Prasaath Pushparaj, Matriculation Number: 1702033

Name of Exam / Examiner	Semester	Date	Remarks	Trial if > 1	Status	CP	Grade
<b>Module Block Specialisation</b>							
Advanced Control Prof. Dr.-Ing. habil. Michael Gerke Dr.-Ing. Peter Will	SoSe 2023	07.08.2023			BE	5	1.7
Machine Dynamics & Systems Dynamics Univ.-Prof. Dr.-Ing. Peter Kraemer							
Fundamentals for Mechatronic Applications Dr.-Ing. Thomas Schulte	SoSe 2023	10.08.2023			BE	5	1.7
Mechatronic Design for Production Machines	SoSe 2023	10.08.2023	BE		BE		passed
Software Engineering Univ.-Prof. Dr. Malte Lochau	WiSe 2023/24	22.02.2024			BE	5	1.3
Mechatronic Systems Prof. Dr.-Ing. habil. Michael Gerke	WiSe 2023/24	07.03.2024			BE	5	2.0
Actronics Univ.-Prof. Dr.-Ing. Mario Pacas	WiSe 2023/24	15.02.2024			BE	5	2.7
Modeling and Simulation I&II Univ.-Prof. Dr.-Ing. Holger Foysi Dr.-Ing. Harald Klimach	WiSe 2023/24	28.02.2024			BE	5	1.0
<b>Module Block Application</b>							
<b>Languages and non-technical applications</b>							
German as Foreign Language Edith Münch	WiSe 2022/23	16.02.2023			BE	2,5	1.7
Examination Introduction to Machine Learning Prof. Dr. Jörn Beel	WiSe 2023/24	29.02.2024			BE	2,5	2.0
<b>Technical applications</b>							
Condition Monitoring (CM) – vibration-based methods Univ.-Prof. Dr.-Ing. Peter Kraemer	WiSe 2023/24	13.03.2024			BE	5	1.0
Name of Exam / Examiner	Semester	Date	Remarks	Trial if > 1	Status	CP	Grade
<b>Supplemental Academic Achievements Mechatronics</b>							
Digital Manufacturing: Erasmus+ Blended Intensive Programme (BIP) <i>recognised exam</i> <i>Bragança Polytechnic Institute, Portugal</i>	WiSe 2024/25	17.01.2025			BE	2,5	passed
Blended Intensive Programme (BIP): WEMP – Water resources, Energyresources, Mining resources, Pollution mitigation <i>recognised exam</i> <i>Université d'Orléans, France</i>	WiSe 2022/23	13.01.2023			BE	2,5	passed
Sieg Model United Nations Conference 2023 Gerrit Pursch, M.A.	WiSe 2023/24	18.11.2023			BE	2,5	passed

Key	BE	Passed w/o Grade
Remarks		
Status	BE	passed („bestanden“)