

【教师风采】陈志刚教授

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陈志刚，硕士，教授，硕士生导师，现任邵阳学院科技处处长、高效动力系统智能制造湖南省重点实验室主任。兼任教育部高等学校工程图学课程教学分委员会中南地区教指委委员、中国机械工业教育协会机械设计制造及自动化教学委员会理事、湖南省普通高等学校机械类专业教学指导委员会委员、湖南省仪器仪表学会常务理事。曾获湖南省优秀研究生导师、湖南省知识产权保护专家、邵阳市科技创新领军人才等荣誉称号。担任国家级新工科研究与实践项目主持人，负责建设国家级本科一流课程《机械产品技术创新》、湖南省一流本科专业机械设计制造及其自动化、湖南省研究生培养创新实践基地、湖南省一流本科课程《机械产品技术创新》、湖南省研究生优质课程《高等机械设计》及湖南省精品课程《产品技术创新》。主要从事机械设计、机械动力学、智能检测方面的教学与研究。近年来，主持国家级新工科研究与实践项目、湖南省高新技术产业科技创新引领计划项目、教育部产学合作协同育人项目、湖南省自然科学基金、湖南省教育厅重点项目及开放平台项目、科技部科技人员服务企业行动项目、湖南省教育厅教学改革项目等国家及省部级项目 20 余项，主持企业横向项目 30 余项，参与科研项目 20 余项；发表论文 90 余篇(SCI、EI 收录 20 余篇)，获授权发明专利及实用新型专利 20 余项，出版专著 1 部、主编教材 3 部；获省部级科技奖三等奖 1 项、省教学成果特等奖 1 项、二等奖 1 项、三等奖 1 项。

Zhigang Chen, M.S., Professor, Master's Supervisor, currently serves as Director of the Office of Science and Technology at Shaoyang University and Director of the Hunan Provincial Key Laboratory of Intelligent Manufacturing for Efficient Power Systems. He also holds several academic positions, including Member of the Central-South Region Teaching Steering Sub-committee for Engineering Graphics Courses under the Ministry of Education, Council Member of the Teaching Committee for Mechanical Design, Manufacturing and Automation of China Mechanical Engineering Education Association, Member of the Teaching Steering Committee for Mechanical Engineering Programs in Hunan Provincial Higher Education Institutions, and Executive Director of Hunan Instrumentation Society. He has been honored as Hunan Provincial Outstanding Graduate Supervisor, Hunan Provincial Intellectual Property Protection Expert, and Shaoyang Municipal Leading Talent in Scientific and Technological Innovation. He serves as the Principal Investigator of the National New Engineering Research and Practice Project, and is responsible for the development of the National First-class Undergraduate Course Technological Innovation of Mechanical Products, the Hunan Provincial First-class Undergraduate Program of Mechanical Design, Manufacturing and Automation, the Hunan Provincial Graduate Training Innovation Practice Base, the Hunan Provincial First-class Undergraduate Course Technological Innovation of Mechanical Products, the Hunan Provincial High-quality Graduate Course Advanced Mechanical Design, and the Hunan Provincial Excellent Course Product Technological Innovation. His research focuses on mechanical design, mechanical dynamics, and intelligent detection. In recent years, he has led over 20 national and provincial-level projects, including the National New Engineering Research and Practice Project, Hunan Provincial High-tech Industry Science and Technology Innovation Leading Plan Project, Ministry of Education Industry-University Cooperative Education Project, Hunan Provincial Natural Science Foundation Project, Key Project and Open Platform Project of Hunan Provincial Department of Education, Ministry of Science and Technology's Science and Technology Personnel Serving Enterprises Action Project, and Teaching Reform Project of Hunan Provincial Department of Education. He has also directed over 30 industry-sponsored horizontal projects and participated in over 20 research projects. He has published over 90 papers (more than 20 indexed by SCI and EI), obtained over 20 authorized invention and utility model patents, authored 1 monograph, and served as chief editor of 3 textbooks. His honors include one Provincial/Ministerial Third Prize for Science and Technology, one Provincial Teaching Achievement Grand Prize, one Second Prize, and one Third Prize.