



当前位置: [首页](#) >> [学院概况](#) >> [学院简介](#)

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[机构设置](#)

电子科学技术研究院(简称电科院)成立于2003年,是顺应电子科技大学向高水平研究型大学发展的需要而特别建立的专职科研机构。主要承担重大、重点科研项目及工程任务,小批量多品种订货生产和研究生培养任务。成立电子科学技术研究院,是电子科技大学在拓展科技工作领域、开拓科研新局面和科研体制改革的重大创新。

The Research Institute of Electronic Science and Technology (RIEST in short) was established in 2003 as a special scientific research institute under the request of the University of Electronic Science and Technology to develop into a high-level research university. The institute mainly undertakes important key scientific and engineering projects and small amount but a variety of make-to-order production as well as the postgraduate education. The establishment of the Institute of Electronic Science and Technology is a significant innovation of the University of Electronic Science and Technology in the expansion of the scientific industry, the exploration of the scientific research prospect and the reform of its mechanism.

自2003年成立以来,电科院贯彻“从无到有,从有到实,从实到专,从专到强”的发展思路,坚持“以科研为核心,以生产为基础、质量为生命,以学校为依托、面向社会、汇集资源、广纳人才、不求所有、但求所用,形成特色和优势”的发展原则,通过灵活的运行机制创新管理,依托学校的品牌和资源优势,整合学校内外部资源,加强与科研院所的合作,立足基本条件建设,承接大型综合项目,逐步发展壮大,已经快速走过了“从无到有、从有到实”的历程,并已进入重要发展阶段,在“从实到专”的战略发展阶段迈出坚实步伐。到2009年8月,科研和生产人员规模发展到二百余人。其中,高级职称18人、中级职称12人、博士(含在职博士)26人,兼职教授12人(博导8人),已成为电子科技大学科技工作的生力军。

Since its establishment in 2003, RIEST has implemented the development policy of "from null to be real, from real to professional, from professional to be strong" and stuck to the development principles of regarding the scientific research as the core, the production as the base, quality as the life, and relying on the school, facing society, broadly pooling resources, widely recruiting talents, not pursuing everything, but taking full advantage of everything; to form its own features and advantages. Through innovative management and flexible operation mechanism, depending on the school's brand and resources, as well as the integration of external resources in schools, strengthening the cooperation with research institutes, basing on the construction of basic conditions, together with undertaking large-scale integrated projects, RIEST is gradually on the growth. It has quickly gone through the process of "from scratch, from null to be real", and

more to people's surprise, RIEST has access to an important stage of development, which means that it has taken solid steps in strategic development phase -"From implementation to profession". Up to August 2009, the scale of the development of scientific research and production staff reached two hundred people, among whom there are 18 senior technical titles, 12 intermediate technical titles, 26 Doctors. (including in-service PhD), 12 part-time professors (8 Doctoral Supervisors). They have become the leading science and technology work forces of University of Electronic Science and Technology

电科院从2003年成立以来，逐渐凝练了三大技术方向：综合电子技术、SIP系统技术、安全信息技术；涵盖了雷达仿真、一体化电子系统、导航技术、SOC芯片设计、LTCC生产、微波毫米波组件、网络监控、无线音视频、无线监控等多个技术领域，真正成为了学校学科汇聚、科研交融的平台。科研工作不断发展，科研项目逐年增加，累计承担了60余项各类科研项目，科研经费累计超过总经费达6800多万元。经过几年的积累，在雷达、预警和探测，导航、监控与定位，微波毫米波器件与组件，T/R组件及其测试系统、LTCC片式电容和滤波器，数字集成电路，IC设计以及高新工程技改等项目领域取得了一批成果。全院获省部级鉴定成果12项，大部分项目达到国际先进水平，部分技术属世界首创；获省部级奖两项；受理和授权发明专利29项。

Since its establishment in 2003, RIEST has gradually condensed three technical directions: integrated electronic technology, SIP system technology, security and information technology; including radar simulation, integrated electronic systems, navigation technologies, SOC chip design, LTCC production, microwave millimeter wave components, network monitoring, wireless audio and video, wireless monitoring and other technique fields, which truly becomes a school converging various subjects, and a platform for scientific research. With the continuous development of scientific research work, the increasing of research projects year by year, we have altogether undertaken more than 60 types of research projects, and the amount of research funds excesses 68 million than the total accumulated funds. After several years of accumulation, in the fields of radar, warning and detection, navigation, surveillance and targeting, microwave millimeter wave devices and components, T / R components and test systems, LTCC chip capacitors and filters, digital integrated circuits, IC design and high-tech engineering transformation projects, we have made a great achievement. Our institute has achieved more than 12 provincial or ministerial appraisal results, most of the projects reached the international advanced level, some technology is on the world's top list; and gained both provincial and ministerial awards; what's more we also received 29 patents for inventions and licensing.

电科院不仅是电子科技大学的重要科研单位，同时也是学校研究生创新人才培养基地，专门成立研究生培养办公室，积极探索具有电科院特色的研究生培养模式。接收优秀推免研究生进入课题实习，并积极创造条件指导其完成本科毕业设计；对进入课题的研究生按照正式员工、采用灵活激励机制进行管理；除有学校奖学金外，还特别设立电科院奖学金，奖励的各个方面做出成绩的研究生；积极创造条件提供参加参加国内外学术交流的机会，资助和奖励发表高水平学术论文；建立一整套完整的培养管理制度确保培养质量；通过与科研和生产的无缝连接，使研究生科研能力得到快速有效提升。

Not only is RIEST a significant scientific research institution, but also a base for the university to cultivate innovative postgraduate talents, which sets up a professional Postgraduate Training Office so as to take initiative to explore the mode of postgraduate training with RIEST's own characteristics. That is to receive the most excellent postgraduates into the subject practice, take active in creating some

conditions to instruct them to complete the undergraduate graduation project, to employ flexible and incentive mechanism to manage our postgraduates as official employees, to specially set up the RUEST scholarship in order to award those who has done quite well in various fields in spite of the college scholarship, be active in creating some conditions to provide opportunity for them to take part in the domestic and international academic exchanges, to offer financial aid as well as praise to the theses of high level, to establish a set of complete system of cultivation and management to make sure of the quality of training, to improve postgraduates' scientific research ability through the seamless connection between scientific research and production.

截止2009年8月，在我院实习和工作的研究生累计超过180名，成为电科院重要科研力量，这些研究生毕业后深受国内同行业相关科研院所和公司的欢迎，一次性毕业时就业率达到100%。

By August 2009, the postgraduates taking internships or working at our institute had exceeded 180 and became the ultimate strength of the scientific research of the RUEST. These students enjoy wide popularity among our domestic industry's counterparts and companies upon graduation with a 100% employment rate.

我院招收电路与系统、微电子学与固体电子学、计算机应用技术、电子科学与技术、信号与信息处理、通信与信息系统、电磁场与微波技术等专业硕士生。招收规模逐年扩大，到2009年9月在读统招研究生已达到200人；培养的硕士综合素质不断提高，在人才培养方面迈出坚实步伐。

Our institute recruits postgraduates with a background in Circuits and Systems, Microelectronics and Solid State Electronics, Computer Applications Technology, Electronics Science and Technology, Signal and Information Processing, Communication and Information Systems, Electromagnetic Field and Microwave Technology, etc. With the expansion of our enrollment plan, our recruited postgraduates had reached 200 in September 2009. Meanwhile, we have taken a solid progress in education with a steady increase in the overall quality of our postgraduates.

天高任鸟飞，海阔凭鱼跃。拥有优良的科研、实验、生产和人才培养平台的电科院还将不断创新进取、发展壮大，在电子科大逐渐肩负起人才培养、学科拓展、学科汇聚、科技体制创新、增加社会影响力等重要任务。热忱欢迎有志从事相关专业研究和学习的同学到电科院一展才华！

The vast sky allows the birds to soar freely and the broad sea has the fish leap without constraint. Owing the excellent platform of scientific research, experiments, production and talents, RUEST will never stop the step to make innovation and keep forging forward as well as get development. And it gradually shoulders the responsibility to foster the talents, extend the courses, gather the courses, innovate the system of science and technology and enhance its social impact. We bid our warmest welcome to the students working on professional research and study to show your talent here in RUEST.

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