According to the national overall requirement for the scientific research in universities and the guideline of “making innovation independently, leaping forward in key fields, sustaining development and leading the future” for science and technology, the Engineering and Technical College of Chengdu University of Technology adheres to scientific innovation and strives to improve the level of scientific research.

With a good tradition and solid foundation for scientific research, our college has been promoting the standardized, institutionalized, programmed and scientific management of the scientific research in face of the new situation and challenges. In 2016, we adjusted the Academic Committee of our college, included more members, and changed the leadership. "The Regulations on Research Project Management of the Engineering and Technical College of Chengdu University of Technology" and other supporting policies have been issued to further strengthen the management of the projects, the budgets and expenses, the scientific research platforms, college-level funds, rewards on scientific results, academic exchanges and the transformation of scientific and technological achievements. Besides, our college has been improving and supplementing the existing scientific research management system to ensure the constant, steady and healthy progress of our scientific research.

Scientific research projects and funds have enjoyed steady development and rising. The year of 2016 witnessed the doubled funds for scientific research. Simultaneously, we have been working hard to find various ways to increase the fund for scientific research. We have also applied for scientific research projects for national defense and related projects supported by Leshan Municipal Government and Sichuan Provincial Government, and actively cooperated with enterprises, for more opportunities and funds. By taking advantage of the scientific research resources of the Southwestern Institute of Physics, we have actively participated in related research and development to broaden our teachers’ horizon and improve their scientific research level. Through our Hi-tech platforms such as the “Nuclear Engineering and Research Institute” and the “Internet of Things Technology and Application Institute” , we have communicated and cooperated with other research institutions of China National Nuclear Corporation (CNNC) and China General Nuclear Power Corporation (CGN), and undertook projects so as to...
increase our scientific research funds. We have also participated in the R&D projects for the "International Thermonuclear Experimental Reactor". In 2016, we applied for 60 scientific research projects at municipal government or higher level, among which 34 were approved. Our projects have produced 12 achievements that can be transferred into application.

The scientific research fields have been diversified, and the quality of our scientific research achievements has been improved. The number of applied patents has steadily increased. 23 patents have been applied, while 22 were accepted and 4 were approved, including 2 invention patents. 234 research papers were published this year, including 69 in the core journals, 8 GF reports, and 10 textbooks were published. According to the statistics, our college, among the non–governmental funded colleges of Sichuan province, has published the most papers, and our papers have been included the most by the high–level journals, accounting for 46.6% .

With the expansion of teaching staff, improvement of teachers level, and the implementation of safeguard measures of policy supporting funds, our teachers, especially the young teachers have become more active in participating in scientific research. Our college has successfully cultivated a core scientific research team and initially established some platforms for scientific research, which have guaranteed our first place in the scientific research among the non–governmental funded colleges of Sichuan province.

Our college has vigorously carried out the policy of "Going out and bringing in" to create good academic environment. Based on increasingly frequent and extensive academic exchanges, the “Academic Forum of the Engineering & Technical College of Chengdu University of Technology” has been founded. We have invited a number of famous experts and scholars such as Mr. Duan Xuru (member of ITER Science and Technology Advisory Committee), Mr. Tang Juxing (the national leading figure in land and resources exploration) and Mr. Mao Qing (the deputy designer–in–chief of HPR1000) to give special lectures. We have also sent a certain number of teachers out for various academic exchanges.

The great development of scientific research has favorably promoted the cultivation of new application–oriented talents. To adapt to the rapid development of science and technology and the changing demand for talents, our college lays great stress on cultivating talents to meet the need of industries, and combining teaching with scientific research during cultivating talents. In the year of 2016, our students participated in 26 competitions at provincial or higher level and gained 23 individual awards and 95 group awards, including the first prize in the national “NXPI” Cup Intelligent Car Competition. Compared with 2015, there was a dramatic growth in the quantity of competitions and number of group awards this year.

Based on our own “13th Five–year” scientific development plan, our college is striving to build a well organized team for innovative scientific research, under the leadership and with strong support of the Southwestern Institute of Physics. Our college has also taken advantage of such opportunities as civil–military integration and cooperation between universities and local government, to enhance our foundation for innovation and development and improve our teachers’ scientific research capacity.