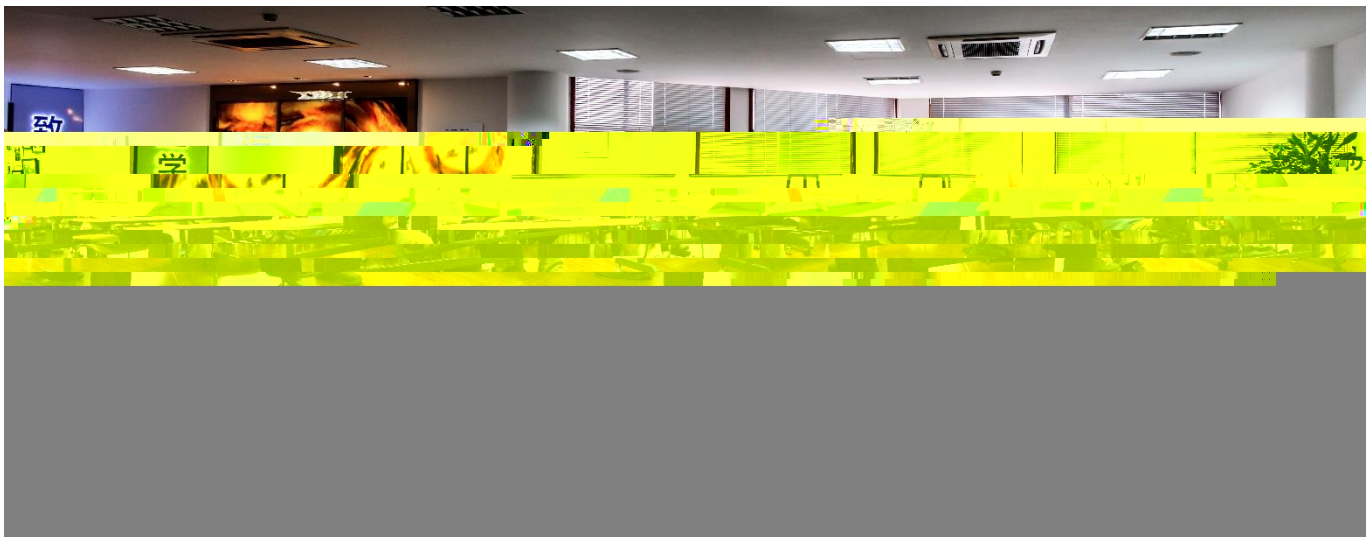
Zhiyuan College

http://zhiyuan.sjtu.edu.cn

Zhiyuan College is dedicated to cultivate curiosity-driven future scientists by transforming students' curiosities into an aspiring learning and creative activities, enhancing students' higher academic pursuits, stronger challenge spirits and more initiative cooperation consciousness, cultivating them to be future scientific leaders with critical thinking, knowledge integration, communication and collaborations, as well multicultural understanding and global perspectives.



in class, complete self-prepared/assigned homework independently or cooperatively. The new mode leads students to explore and think independently, eventually forms coordinated teaching mode of students' autonomous learning.

The faculty and teaching fellows of Zhiyuan are composed of 202 professors from related departments at Shanghai Jiao Tong University, 42 professors from other institutions in China and 82 international scholars. Till Sept., 2016, there are 1141 students enrolled in Zhiyuan College and 359 students have completed the program and graduated.

Zhiyuan has also been dedicated to cultivate students' curiosity in their early stage. In 2009, it collaborated with 11 high schools to establish "Top-notch Innovative Talents Cultivation Base" and cultivate high school students' scientific spirits via collaborative classes. Up to now, Zhiyuan College has appointed 103 teaching fellows from SJTU to participate in over 100 courses design and over 1,000 high school students involved.

7) Free Academic Environment. Except flexibility of elective courses, Zhiyuan supports students' personalized research scheme. Freshmen can comprehend research preliminarily via "Freshmen Seminars".

Relied on "Student Innovation Practice Program", sophomores carry out research exploration under mentors' instruction. Students start topics selection of undergraduate theses at their third year summer and work with graduate students from related subjects in a same lab or perform research in overseas labs.

8) Mutually Inspired Competitive Ambience. Zhiyuan students demonstrate their wisdom, intelligence and potential very well, in virtue of all kinds of platforms offered by the university and the college. They have participated in plenty of home or abroad contests and won awards or medals, such as ACM International Collegiate Programming Contest, American College Students Mathematical and Physical

Modeling Contest, IGem and other international competitions, as well won medals in domestic level. Students' challenging sprits are improving in constant practices.

ACM team in pursuit of excellence. ACM team on behalf of Shanghai Jiao Tong University has won 4 gold medals since 2008, which inevitably linked to diligence of team members and tutors, as well as mutually inspired competitive atmosphere. After each training contest, ACM team published rankings that stressed on exchanging experience, respecting for rivals and learning from rivals. ACM team members were requested to write brief summary regularly, so as to summarize improvements and team cooperation experience.

Eloquent debaters. As a merging force, Zhiyuan College's debate team won championship of SJTU's Campus Debate in 2013 and 2015. Debate requires long-term training of logic thinking and presentation skills. After each training, debate team would replay the contest to find bugs or defects of expression and improve constantly. Every success was a breakthrough to encourage every debater to pursue higher achievements.

9) Diversified Independent Study. On the basis of high quality classroom teaching, Zhiyuan College carries out students-oriented activities on the theme of "Learning at Zhiyuan" to arouse students' subjective initiative, encourage them to be their own "academic masters" and cultivate their scientific spirits and critical thinking.

Zhiyuan students' Colloquia. The Colloquia is a