

Introduction of Our School

School name:	National Institute of Technology, Wakayama College (独立行政法人 国立高等専門学校機構 和歌山工業高等専門学校)
School address:	77 Noshima, Nada, Gobo, Wakayama, JAPAN (和歌山県御坊市名田町野島 77)
School URL:	http://www.wakayama-nct.ac.jp/
PR message:	N.I.T. Wakayama College with great education for future engineer. (未来のエンジニアを育てる和歌山高専.)

“National Institute of Technology, Wakayama College” is located in Gobo city, Wakayama Prefecture, Japan (Fig.1). Our college, a fusion of a high school and a university, provides a continuous curriculum for five years. Our college has four specialized departments, and they provide specialized subjects for the students through lectures and research activities. In addition, the advanced program of two years is also provided in this college. To become future engineers, we can experience a lot of experiments and practical courses, as various facilities and equipment for experiments and practical trainings are prepared (Fig.2). Students have two options for their career after graduation; one is getting a job, and the other is to enter the advanced course, a university or a graduate school. In fact, the employment rate and the university-entry rate of our graduates has been 100%.

“Kinokuni Robot Festival” is held in every December in Gobo city where our college locates (Fig.3). This festival consists of the robot contests for students from primary schools to high schools, the demonstration of the latest robots by companies, etc. The purpose of this festival is to deepen the youth’s understanding of the technologies and to develop Japan’s manufacturing and innovations. Our college supports this festival as one of the organizers.

Besides, our college also has various students’ club activities. One of the most major activity groups is the Robot Contest Club. They participate in the National College Robot Contest every year. In the contest, the students make full use of their own ideas to develop the robots to compete the given tasks. Therefore, the students need a lot of imagination, creativity and techniques. In this event, our college team has won the second prize for three times. Furthermore, our college team had also been awarded various prizes every year.

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Then, our college students join local science lectures as instructors, and they teach primary school and secondary school students about robotics. We also carry out public classes about robotics in our college to introduce the attractiveness of robotics to children. For example, participants can learn and experience how to make a program for a robot in the classes. We also present the magnificent result of our studies and researches in this college. We hope that participants who are interested in robots will enter our college and become active engineers in the future.

Finally, our college is attaching importance to international exchange. Our college accepts international students in the 3rd grade. Currently, there are 8 international students from various countries for studying in our college. In addition, our college holds the academic exchange agreement with “Shanghai Dianji University” in China, “Atma Jaya Catholic University of Indonesia” in Indonesia, etc. In particular, the short-term student exchange program with “Shanghai Dianji University” is held every year (Fig.4). Through the international exchange program, we can learn the technologies and cultures from various countries.

As described in this document, our college is aiming to become the internationally open college with a good local communities. We are learning the leading edge of science and technologies every day to become active engineers in the future.



Fig.1 National Institute
of Technology, Wakayama College



Fig.2 Facilities and equipment



Fig.3 Kinokuni Robot Festival



Fig.4 Students exchange program