Mission

To develop highly qualified engineers that have a rich sense of humanity and creativity.

To contribute to the wealth and advancement of our local community as a driving force of intellectual and technological progress.
Message from the President

National Institute of Technology, Kagawa College was established by the incorporation and reorganization of Takamatsu National College of Technology and Takuma National College of Technology together having the long history, on October 1st, 2009. We have seven departments at the General Education Courses and two majors at the Advanced Course. We have improved and advanced the facilities and the equipment for both education and research. We are enhancing the cooperative relationship between Takamatsu Campus and Takuma Campus, and are providing favorable environments for education. At the General Education Course, we arrange a curriculum composed of liberal education, professional education, and practical technology education for 5 years, to develop highly qualified engineers that have a rich sense of humanity and creativity, with a competency to deal with the rapid progress of science and engineering and with a harmony of intelligence, technology and spirit. Students can attain as high competency as those at a university by the study for 5 years. Moreover, students can obtain the same degree of bachelor as those who graduate a university by the study for 2 years at the Advanced Course after graduation from the General Education Course.

At Takamatsu Campus, We have Industrial and Systems Engineering Division composed of Department of Mechanical Engineering, Department of Electrical and Computer Engineering, Department of Electro-Mechanical Systems Engineering and Department of Civil Engineering for the General Education Courses. We are cultivating engineers active in the region of creative manufacturing. At Takuma Campus, We have Electronics, Information and Communication Engineering Division composed of Department of Communication Network Engineering, Department of Electronic Systems Engineering, and Department of Information Engineering for the General Education Courses. We are cultivating engineers active in the region of advanced electronics, information and communication. We have Advance Course in Industrial and Systems Engineering at Takamatsu Campus and Advanced Course in Electronics, Information and Communication Engineering at Takuma Campus. At both Advanced Course. We are supplying educations full of intellectual stimulation and international sense, and are enhancing the Science Seminar.

We have Dormitories, Counseling Room and Career Support Center to support students’ welfare, study, employment and career shaping through such as internship. We have International Exchange Promotion office to develop international exchange and collaboration in education and research, and Human Resource Development Office to develop local industries and enhance the partnership with them. We are making Academic Exchange Agreements with Overseas Universities, sending students abroad for international internship or student exchange, and promoting Cooperative Research with the Private Sector eagerly. We contribute to the wealth and advancement of our local community as a driving force of intellectual and technological progress.

Both of our campuses’ long histories have seen over 19,300 students graduate and secure meaningful employment in the private sector, municipal and prefectural governmental offices, universities, and research institutes. The graduates of the colleges have displayed and exemplified an impressive work ethic and job performance, leading to high praise and evaluations given by employers. We constantly embark on new challenges and develop ourselves, inheriting the excellent traditions.

Takeshi Yao
President

Mission and Educational Goals

- **Mission of National Institute of Technology, Kagawa College : NITKC (Kagawa KOSEN)**
  - To develop highly qualified engineers that have a rich sense of humanity and creativity.
  - To contribute to the wealth and advancement of our local community as a driving force of intellectual and technological progress.

- **Educational Goals**
  Kagawa KOSEN’s educational objectives, based upon a detailed and comprehensive curriculum, are as follows:
  - To broaden students’ minds, with the aim that they will become engineers of the future that will play an instrumental role in a sustainable society.
  - To train students to have the technological Knowledge and applicable skills for coping with these fast changing times.
  - To train students to be engineers of the future, who can apply their imagination to tackle the complex problems of society.
  - To develop the students’ intellect, as well as communication skills, in order to prepare them for international career paths.
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History

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Takuma National College of Technology (Takuma Denpa KOSEN) in Takuma Campus of Kagawa KOSEN

Takuma National College of Technology (Takuma Denpa KOSEN) was established in 1945. It consisted of three departments: the Department of Mechanical Engineering, the Department of Electrical Engineering, and the Department of Civil Engineering.

In October, 2009, Takamatsu KOSEN and Takuma KOSEN were incorporated and reorganized as National Institute of Technology, Kagawa College (Kagawa KOSEN). Two divisions including seven departments were set up: Industrial and Systems Division (Takamatsu Campus) and Electronics, Information and Communications Division (Takuma Campus).

The departments are as follows: Dept. of Mechanical Engineering, Dept. of Electrical and Computer Engineering, Dept. of Electro-Mechanical Systems Engineering and Dept. of Civil Engineering (Takamatsu Campus), Dept. of Communication Network Engineering, Dept. of Electronic Systems Engineering and Dept. of Information Engineering (Takuma Campus). The Faculty of Advanced Engineering was also set up: Advanced Course in Industrial and Systems Engineering, Advanced Course in Electronics, Information and Communication Engineering.

Dr. Masashi Kamon was appointed as the first president of Kagawa KOSEN.

In January, 2013, a commemoration ceremony was held to celebrate the 50th anniversary of the Takamatsu Campus and the 70th anniversary of the Takuma Campus.

In April, 2014, Dr. Takeo Yao was appointed as the second president of Kagawa KOSEN.
Organization

Chart of Organization

School System of Japan

- Junior high school graduates are eligible to enroll at a KOSEN.
- High school graduates are eligible to enroll at a KOSEN as transfer students.
- KOSEN graduates are eligible to enroll in a university as transfer students.
- KOSEN graduates are eligible to enroll in an advanced course.
- KOSEN Advanced Course graduates are eligible to enroll in a university graduate program.

KOSEN System
KOSEN system — five-year engineering education from 15-year old — was established in 1961, in response to a strong demand from industrial sector to foster engineers who sustain Japanese high economic growth at that time.

Characteristics of KOSEN Education

Upon Admission
- We admit junior high school graduates
- We enable students to engage in career and life planning at a young age

In School
- Practical and Innovative Education
  - We develop an curriculum in the liberal arts and professional studies
  - We have highly qualified teaching staff (more than 80% of specialized subject teachers have doctoral degree)
  - We provide experimental and practical training, internship and coop education
  - We provide programs accredited by JABEE
  - We offer international exchange opportunities

Personality Development
- We offer student dormitories and extracurricular activities
- We hold Robot, Programming, Design and Speech contests
- We organize annual all KOSEN Athletics Competition

Upon Graduation
- We help students to find various career paths
- We produce engineers with extensive practical creativity
Departments

- General Education

This division offers various arts and science subjects including physical education aimed at cultivating students with wide-ranging knowledge and basic understanding required for the study of engineering. Our curriculum covers that of senior high schools putting stress on mathematics and science, and also offers some courses at the college level to the senior students.

- Fulltime Academic Staff in Department of General Education

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<tr>
<th>Title</th>
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<td>Kondo, Masahito</td>
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[Curriculum]

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[Main Experiment Facilities]
Department of Mechanical Engineering

Mechanical engineers play a vital role in product design, development, and manufacturing of industrial products in the modern industrial world as well as new challenges in developing countries. Our educational program is designed to develop creative mechanical engineers who will excel in the industrial world and fulfill their personal desire to leave a legacy of successful accomplishments.

**Fulltime Academic Staff**

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<th>Name</th>
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<td>OKADA, Kenji</td>
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**Curriculum**

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**Main Experiment Facilities**

- Precision Design Laboratory
- Industrial Engineering Laboratory
- Control Engineering Laboratory
- Environmental Engineering Laboratory
- Traffic Engineering Laboratory
- Management Engineering Laboratory
- Manufacturing Engineering Laboratory

Department of Electrical and Computer Engineering

The department of electrical and computer engineering intends to educate the engineers who can contribute to the high technological society. For this purpose, the educational curriculum is designed to include the fundamental of mathematics and physics in the first stage, and applied technologies are programmed in the next stage. Furthermore, teamwork and cooperativeness, which are necessary in the social works, will be introduced in the various experiments and circuit design. Major parts of these subjects consist of the technologies of the embedded system.

**Fulltime Academic Staff**

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<td>YAMAMOTO, Massa</td>
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**Curriculum**

- Engineering Mathematics
- Electrical Engineering
- Control Engineering
- Digital Signal Processing
- Software Engineering
- Information and Communication
- Communication Systems
- Traffic Engineering
- Management Information Systems
- Manufacturing Systems
- Manufacturing Design & Manufacturing

**Main Experiment Facilities**

- Precision Design Laboratory
- Industrial Engineering Laboratory
- Control Engineering Laboratory
- Environmental Engineering Laboratory
- Traffic Engineering Laboratory
- Management Engineering Laboratory
- Manufacturing Engineering Laboratory
- Manufacturing Systems Laboratory
- Manufacturing Design & Manufacturing Laboratory
- Manufacturing Design & Manufacturing Laboratory
Department of Electro-Mechanical Systems Engineering

The department has a curriculum to educate students standing on mechatronics, which is a combined engineering field that consists of mechanics, electronics, control engineering, and computer science. The students are expected to have the role of not only simple manufacturing but also design & development, quality management, maintenance & inspection and so on in the production process.

Fulltime Academic Staff

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Associate Prof.

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Research Associate

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Curriculum

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Main Experiment Facilities

- Mechanical Engineering Lab.
- Materials Engineering Lab.
- Environmental Engineering Lab.
- Electrical Engineering Lab.
- Control Engineering Lab.
- Mechanical Engineering Lab.
- Nanophotonic Technology Lab.
- Biomedical Engineering Lab.
- Control Engineering Lab.
- Machine Control Engineering Lab.
- Electrical Engineering Lab.
- Environmental Engineering Lab.
- Materials Engineering Lab.
- Nanophotonic Technology Lab.
- Biomedical Engineering Lab.

Department of Civil Engineering

The department of civil engineering is working on fostering engineers who can contribute to the construction of infrastructure supporting safe and comfortable lives of citizens and the maintenance of the natural environment, which is also deeply related to the construction of infrastructure.

Fulltime Academic Staff

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<tbody>
<tr>
<td>ISHIKI, Naoki</td>
<td>Geotechnical Engineering</td>
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Curriculum

<table>
<thead>
<tr>
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<td>Control</td>
<td>Civil \ Engineering</td>
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Main Experiment Facilities

- Structural Engineering Lab.
- Environmental Engineering Lab.
- Electrical Engineering Lab.
- Mechanical Engineering Lab.
- Nanophotonic Technology Lab.
- Biomedical Engineering Lab.
- Control Engineering Lab.
- Machine Control Engineering Lab.
- Environmental Engineering Lab.
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- Biomedical Engineering Lab.
Electronics, Information and Communication Engineering Division (Takuma Campus)

### Department of Communication Network Engineering

Both modern industry and society rely heavily on telecommunication systems, which are also known as a “neural network” of society. The constituents of the systems are electric wires, optical fibers and electromagnetic waves, as well as a great deal of computers. The aim of the Department of Communication Network Engineering is to foster competent engineers in this promising field of telecommunications. The curriculum is organized so that students can qualify for various national licenses such as an On-the-Ground I Category Special Radio Operator, or a First-Class Technical Radio Operator for On-the-Ground Services.

#### Fulltime Academic Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>FUKUNAGA, Tetsuya</td>
<td>Prof.</td>
<td>Information Theory and Communication Theory</td>
</tr>
<tr>
<td>SHIZAWA, Takanori</td>
<td>Prof.</td>
<td>Optical Electronics and Photonics Technology</td>
</tr>
<tr>
<td>SAWADA, Shino</td>
<td>Prof.</td>
<td>Theoretical Physics</td>
</tr>
<tr>
<td>DODA, Tatsuki</td>
<td>Associate Prof.</td>
<td>Communications Measurement</td>
</tr>
<tr>
<td>NAKAZAKI, Ehime</td>
<td>Assistant Prof.</td>
<td>Computer Networks</td>
</tr>
<tr>
<td>KANAMOTO, Takanori</td>
<td>Ass. Prof.</td>
<td>Surface Physics</td>
</tr>
</tbody>
</table>

#### Curriculum

- **Major Course:**
  - Information and Communication Theory
  - Optical Electronics
  - Theoretical Physics

- **Elective Course:**
  - Computer Networks
  - Surface Physics

#### Main Experiment Facilities

- Wireless Communication Experiment
- Computer Laboratory
- Computer Network Experiment

### Department of Electronic Systems Engineering

In light of the advancements of mechatronics and Information technologies, there is a large demand for engineers in the development and integration of computer science, robotic systems and telecommunications. The program in our department is designed to offer students many options from various fields such as hardware, software, electronics, and communication technologies. We combine theory and practical application in the same course which provides practical experience. Our goal is to cultivate ingenuity and innovation in our students and provide them with all skills necessary for a successful career in the electronics industry.

#### Fulltime Academic Staff

<table>
<thead>
<tr>
<th>Name</th>
<th>Position</th>
<th>Field</th>
</tr>
</thead>
<tbody>
<tr>
<td>NADAOKA, Shiro</td>
<td>Prof.</td>
<td>Integrated Circuits</td>
</tr>
<tr>
<td>YAGI, Masakazu</td>
<td>Prof.</td>
<td>Solid State Physics</td>
</tr>
<tr>
<td>MIKAWA, Michitaka</td>
<td>Prof.</td>
<td>Solid State Physics</td>
</tr>
<tr>
<td>ITOH, Ryo</td>
<td>Associate Prof.</td>
<td>Computer Science</td>
</tr>
<tr>
<td>HIRAI, Ryota</td>
<td>Research Associate</td>
<td>Semiconductor Devices</td>
</tr>
</tbody>
</table>

#### Curriculum

- **Major Course:**
  - Integrated Circuits
  - Solid State Physics

- **Elective Course:**
  - Computer Science
  - Semiconductor Devices

#### Main Experiment Facilities

- Solid State Experiment
- Computer Science Experiment

Faculty of Advanced Engineering (Bachelor’s Degree Program)

The Faculty of Advanced Engineering at Kagawa Kosen aims to develop analytical, problem-solving skills as well as research ability of students so that they become practical and creative engineers who will play important roles in various industries, and contribute to the regional economy and society through collaborative projects.

To accomplish this goal, the Faculty of Advanced Engineering is comprised of the Courses in Industrial and Systems Engineering Program at the Takamatsu Campus, and the Course in Electronics, Information and Communication Engineering Program at the Takuma Campus.

Educational Objectives

The educational objectives of the Faculty of Advanced Engineering at Kagawa Kosen are:

◇ Students will acquire highly specialist knowledge in their engineering fields and develop analytical skills by attending advanced lectures and proceeding with thesis research.

◇ Students will acquire broad knowledge and problem-solving skills from practical experience in other related fields to play leading roles in interdisciplinary areas.

◇ Students will learn ethical issues and responsibilities as engineers through collaborative researches with local educational organizations and companies.

◇ Students will acquire global viewpoints and communication skills in Japanese and English, by participating in workshops and scientific conferences inside and outside of the college.

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Main</th>
<th>Relationship Field</th>
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<tbody>
<tr>
<td>Industrial and Systems Engineering</td>
<td>Prof.</td>
<td>OKADA, Kenji</td>
<td>Department of Mechanical Engineering</td>
</tr>
<tr>
<td></td>
<td>Associate Prof.</td>
<td>SHIGETA, Katsuhito</td>
<td>Department of Electrical and Computer Engineering</td>
</tr>
<tr>
<td>Electric Information and Communication Engineering</td>
<td>Prof.</td>
<td>MIKATANI, Mitsuhiko</td>
<td>Department of Electronic Engineering</td>
</tr>
<tr>
<td></td>
<td>Associate Prof.</td>
<td>NAGAI, Tadashi</td>
<td>Department of Electrical Engineering</td>
</tr>
<tr>
<td></td>
<td>Prof.</td>
<td>NAGAKIYA, Shin</td>
<td>Department of Communication Engineering</td>
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<tr>
<td></td>
<td>Prof.</td>
<td>MATSUISHITA, Hiroaki</td>
<td>Department of Information Engineering</td>
</tr>
</tbody>
</table>

Main Experiment Facilities

- 3D Image/Model Interactive System: 3D Image/Model interactive Editing Software
- 2D CAD System: CAD/CAM software
- 3D CAD System: 3D CAD/CAM software
- Machine Tooling Control System: Machine Tooling Control System
- Mechatronics Simulator: Mechatronics Simulator
- Mechatronics Simulation: Mechatronics Simulation
- Mechanical Engineering: Mechanical Engineering
- Mechatronics: Mechatronics
- Mechatronics: Mechatronics
Advanced Course in Industrial and Systems Engineering (Takamatsu Campus)

This course has four sub-courses to educate students to be practical engineers with problem-solving skills and the creativity to develop technologies.

- Mechanical Engineering Course
  This course is for future mechanical engineers with problem-solving skills and original creativity.

- Electrical and Computer Engineering Course
  This course is for future electrical engineers, electronic engineers, computer engineers and researchers.

- Electro-Mechanical Systems Engineering Course
  This course is for future mechatronics engineers with well-founded skills who contribute to the human happiness and welfare.

- Civil Engineering Course
  This course is for future civil engineers with knowledge of design, planning, disaster prevention and environmental preservation techniques.

Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Core Field</th>
<th>Core Course</th>
<th>Engineering Design</th>
<th>電気電子</th>
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<th>双方向</th>
<th>専門</th>
<th>進路</th>
<th>専門</th>
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Advanced Course in Electronics, Information and Communication Engineering (Takuma Campus)

This course has two sub-courses to educate students to be practical, highly sophisticated engineers with knowledge of originality in electronics, information and communication engineering.

- Electronics and Information Engineering Course
  This course is an educational program of engineers who follow the standards of JABEE (Japan Accreditation Board for Engineering Education).

- Electronics, Information and Communication Engineering Vocational Course
  This is the course in which students can be intent on the achievement of technology and expertise.

Curriculum

<table>
<thead>
<tr>
<th>Course</th>
<th>Core Field</th>
<th>Core Course</th>
<th>Engineering Design</th>
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</table>

ME Course - Mechanical Engineering Course
EE Course - Electrical and Computer Engineering Course
MS Course - Electro-Mechanical Systems Engineering Course
CV Course - Civil Engineering Course

Collaboration in Apparel Engineering
Face-to-Face Education

National Institute of Technology, Kagawa College
International Affairs

academic Exchange Agreement with Overseas Institutions

<table>
<thead>
<tr>
<th>University of Partnering</th>
<th>Country</th>
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<tbody>
<tr>
<td>Dongyang Mine University (DMU)</td>
<td>South Korea</td>
<td>Aug 2005</td>
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<tr>
<td>Daejeon University of Technology (DUT)</td>
<td>Vietnam</td>
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<td>Hangzhou Dianzi University (HDU)</td>
<td>China</td>
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<tr>
<td>College of Engineering, Seoul National University (SNU)</td>
<td>South Korea</td>
<td>Jun 2011</td>
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<tr>
<td>Universiti Teknologi MARA (UiTM)</td>
<td>Malaysia</td>
<td>Aug 2013</td>
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<tr>
<td>Christchurch Polytechnic Institute of Technology (CPT)</td>
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<td>University of the South Pacific (USP)</td>
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<td>Apr 2013</td>
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<tr>
<td>Université de Lorraine</td>
<td>France</td>
<td>Jun 2013</td>
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<tr>
<td>Rajamangala University of Technology Thpsisuan</td>
<td>Thailand</td>
<td>Aug 2014</td>
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<td>Thai-Nichi Institute of Technology (TNI)</td>
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<td>Mar 2015</td>
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<tr>
<td>Université François-Rabelais Tours (UFR)</td>
<td>France</td>
<td>Dec 2015</td>
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- International Civil and Infrastructure Engineering Conference (INCIEC), Shah Alam, Malaysia, Sep. 2015.
- International Conference on Nanoscience, Nanotechnology and Nanoengineering (IC-NET), Shah Alam, Malaysia, Mar 2014 and Feb 2015.


- Student exchange to NITKC, from UiTM (Jul to Oct 2011), from CSU (Jul. to Aug 2014) and from RMUTT (Apr 2015).

International Students at NITKC

<table>
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<tr>
<th>Year</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>2014</th>
<th>2015</th>
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<td>7</td>
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<td>4</td>
<td>6</td>
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Human Resources Development Office

Organisation Chart of Human Resources Development Office

- Planning & Coordination Section
  - Human Resource Development and Promotion Division
    - Education course for working people
    - Open lecture
  - Research and Development Division
    - Consulting of the technology
    - Coordination of joint research and funded research
    - Management of Intellectual Property Division
    - Patent application
    - Education of Intellectual property

Regional Communication Section

- Future Technology Education Project
- Support the science education of elementary and primary school students
- Support for science education
- On-line learning
- Invention of club, events
- English education for the companies of the community
- Project for senior citizens
- Project for the Creation of bio-ecosystem
- Support for the creation of local industry
- Construction of the creative education system with the community
- Creation of new technology by Mitoyo city and Kagawa KOSEN through proposing ideas to meet community needs

Activities of Academic-industrial Alliance

Association of Industrial Promotion of Kagawa KOSEN

Established on 28 August, 2009

Purpose:
We utilize our knowledge, materials and human resources. We would like to develop the local industries and enhance the partnership with them, through the many operations such as exchanging technologies and information. We would like to contribute to the promotion of the education and research in Kagawa KOSEN.

Description of Business:

Shikoku KOSEN Center for Innovative Technologies

Established on 26 August, 2009

Purpose:
Anai, Kagawa, Nihama, Yugo and Kouchi KOSENs utilize the potentials of the colleges and aspects of the Shikoku-area, and spread out the activities of the academic-industrial alliance to contribute to the stimulation and promotion of the local area.

Business Outline:
1. Department of the creation of innovation
   Matching between the needs and the technology seeds of KOSENs in Shikoku-area. Consulting the activities. Technologies of academic-industrial alliance such as joint research.
2. Department of the Intellectual Property
   Management and education of Intellectual Property in coalition for KOSENs in Shikoku-area
3. Department of coalition for KOSENs in Shikoku-area
   Other activities to achieve the purpose of the center.
Research

记忆力

Grants-in-Aid for Scientific Research

Studies of Raman Image Processing and Assessment for Tumor Identification in Vivo

Grants-in-Aid for Scientific Research on a Priority Area (Research on Advanced Interface Design Technology and Development of New Functional Materials)

Studies of Electric Injection-Modulating Devices with High-Speed Injection Pump Pressure Feedback for Turbocharged Diesel Engines

Research on the Development of Evaluation Methods and Assessment Control Methods for Nanomaterials using Spectroscopic Techniques

Study on Measurement Method and Analysis Method of the Soil Work

Facilities

Networking and Computing Service Center

Network Infrastructure

Each campus has a dedicated connection with 1Gbps to the Science Information Network (SINET).

Computing Service

Takamatsu Campus

Automatically-recoverable computers are installed in the facilities and are used for education on computer literacy and academic research. 47 client computers for the first training room; 50 client computers for the second training room; 18 client computers for the third training room; and 54 client computers for the multimedia room.

Takamatsu Campus Second Training Room

Human Resources Development Office

This office consists of the Collaborative Education Center of Emerging Technology and the Cooperative Research & Development Center. Each center has many laboratories and a lot of equipment. These are used for students’ experiments’ program, the experiments for the graduation thesis of the associate degree, the cooperative research, and the commissioned research. The equipment is as follows: RF magnetron sputtering system; Plasma CVD; Vacuum evaporation system; electron beam lithography system; X-ray diffraction system for thin-film crystalline analysis; Scanning electron microscope; Surface profiler; General-purpose FEM analyzer; X-ray fluorescence spectrometer; X-ray diffractometer; Scanning probe microscope; Ellipsometer; Absorption spectrophotometer; Scatching tester.

Takamatsu Campus First Seminar Room

Scanning Electron Microscope

General-purpose FEM Analyzer

Other Competitive Funds and Grants

Innovation of Sewage Treatment Technology for Agricultural Area in All Region

Spread to the whole outdoor-dwelling areas by renewable system and the application of sewage improvement equipment and its practical method by building a common database and information sharing system.

National college cooperative universe human resources development projects towards the ultra-wide ultra-light emission

Program to Promote Student Creation of Intellectual Property

Grants received from various donors: Characteristic - Strategicization, and strategic utilization

Research on the Development of an Environmentally Friendly Photocatalytic Membrane using hydrogen output and non-poisonous materials of oxygen

Development of a New Antiwarming Aluminum Alloy Film for High-Pressure Plasma for the Assessment of Load-bearing Stress

Evaluation of the Quality of Metal and Alloying Materials Using the Strength of the Material of Metal and Alloying Materials

Evaluation of the Quality of Metal and Alloying Materials Using the Strength of the Material of Metal and Alloying Materials

Pattern for Metal and Alloying Materials Using the Strength of the Material of Metal and Alloying Materials
Students

Number of Students

<table>
<thead>
<tr>
<th>Department</th>
<th>Faculty</th>
<th>Males</th>
<th>Females</th>
<th>Total</th>
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</thead>
<tbody>
<tr>
<td>Department of Mechanical Engineering</td>
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<td>57</td>
<td>48</td>
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<tr>
<td>Department of Mechanical and Computer Engineering</td>
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<tr>
<td>Department of Electrical and Computer Engineering</td>
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<td>Department of Electrical Engineering</td>
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<td>105</td>
</tr>
<tr>
<td>Department of Computer Engineering</td>
<td>105</td>
<td>57</td>
<td>48</td>
<td>105</td>
</tr>
<tr>
<td>Department of Information Engineering</td>
<td>105</td>
<td>57</td>
<td>48</td>
<td>105</td>
</tr>
<tr>
<td>Total</td>
<td>525</td>
<td>285</td>
<td>240</td>
<td>525</td>
</tr>
</tbody>
</table>

Faculty of Advanced Engineering

<table>
<thead>
<tr>
<th>Category</th>
<th>Faculty</th>
<th>Males</th>
<th>Females</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Course in Industrial and Systems Engineering</td>
<td>90</td>
<td>54</td>
<td>36</td>
<td>90</td>
</tr>
<tr>
<td>Advanced Course in Electronic Information and Communication Engineering</td>
<td>90</td>
<td>54</td>
<td>36</td>
<td>90</td>
</tr>
<tr>
<td>Total</td>
<td>180</td>
<td>108</td>
<td>72</td>
<td>180</td>
</tr>
</tbody>
</table>

Clubs and Associations of People Sharing Common Interests

Sports Clubs

- Baseball Club
- Track & Field Club
- Table Tennis Club
- Judo Club
- Kenjo Club
- Yacht Club
- Volleyball Club
- Basketball Club
- Swimming Club

Cultural Clubs

- Photography Club
- Brass Band Club
- English Club
- Light Music Club
- Computer Club
- Painting Club
- Mechanical System Club
- Science Club
- Future Car Club

Societies

- Drama Society
- Calligraphy Society
- Cheerleaders Society
- Microcomputer Society
- Miniature Model Society

Employment or Academic Situation

Takamatsu Campus

- Department of Mechanical Engineering
- Department of Electrical and Computer Engineering
- Department of Electro-Mechanical Systems Engineering
- Department of Civil Engineering
- Department of Information Engineering
- Department of Control Engineering

After Graduation
Campus Map

Takamatsu Campus

Takuma Campus

Accounting

Revenue and Expenditure (2015)

Revenue (a monetary unit: 1,000 yen)

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grant for working/Expenditure</td>
<td>74,754</td>
</tr>
<tr>
<td>Facilities Improvement Expenses</td>
<td>43,686</td>
</tr>
<tr>
<td>Self Revenue</td>
<td></td>
</tr>
<tr>
<td>Tuition and Entrance Examination Fee</td>
<td>378,074</td>
</tr>
<tr>
<td>Miscellaneous Revenue</td>
<td>11,434</td>
</tr>
<tr>
<td>Industry-University-Cooperation:Research and Donation</td>
<td>36,485</td>
</tr>
<tr>
<td>Other Subsidy</td>
<td>14,803</td>
</tr>
<tr>
<td>Total</td>
<td>559,216</td>
</tr>
</tbody>
</table>

Expenditure (a monetary unit: 1,000 yen)

<table>
<thead>
<tr>
<th>Item</th>
<th>Amount</th>
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</thead>
<tbody>
<tr>
<td>Educational Research Expenses</td>
<td>337,361</td>
</tr>
<tr>
<td>General Administrative Expenses</td>
<td>138,089</td>
</tr>
<tr>
<td>Facilities Improvement Expenses</td>
<td>43,095</td>
</tr>
<tr>
<td>Industry-University-Cooperation:Research and Donation</td>
<td>30,280</td>
</tr>
<tr>
<td>Other Subsidy</td>
<td>14,803</td>
</tr>
<tr>
<td>Total</td>
<td>564,335</td>
</tr>
</tbody>
</table>

Access from International Airports to Kagawa KOSEN

Kagawa KOSEN, Kagawa, JAPAN

Kagawa KOSEN
- Takamatsu Campus  
- Takuma Campus

150km

Tokyo

150km

Osaka

50km

Okayama

Okayama Airport

Shin-Osaka St.

Kansai International Airport

Tokyo International Airport

Narita International Airport

Tokyo

Airport

JR Lines

Direct access from Takamatsu Airport or JR Takamatsu Station to NITKC is only 20 minutes by car.
Access Map

**Takuma Campus**
- **From JR Takuma Station (Yosan Line)**
  - 20 minutes by car
  - Mitoyo City Community Bus for Nabuto on Takuma line
  - 1 minute walk from Kagaana Kosen mae bus stop
- **From Takamatsu Expressway IC**
  - 20 minutes by car from Mitoyo-Tojikaka IC
  - 30 minutes by car from Sanuki-Tojikaka IC
- **From Takamatsu Airport**
  - 60 minutes by car

**Address**
551 Kohda, Takuma-cho, Mitoyo, Kagawa 769-1192 Japan
+81-875-83-8506

**Takamatsu Campus**
- **From JR Takamatsu Station**
  - 30 minutes by car
  - Kotoden Bus (No. 5 bus stop) for Ritsurin Garden
    - Mimaya-Prefecture Swimming Pool → 1 minute walk from Kagaana Kosen mae bus stop
  - 25 minutes by car
  - Kotoden Bus (No. 5 bus stop) for Yusa-Iwasaki
    - Yusa-Ikenoito or Ikenoito-Konaramako → 10 minutes walk from Kagaana bus stop
- **From Takamatsu Expressway IC**
  - 7 minutes by car from Takamatsu-Nishi IC
  - 5 minutes by car from Takamatsu-Danishi IC
- **From Takamatsu Airport**
  - 20 minutes by car

**Address**
335 Chukushin-cho, Takamatsu, Kagawa 761-8058 Japan
+81-87-869-3811