

あいさつ

Message from the President

高知工業高等専門学校は創立 60 周年を迎え、社会から求められる教育機関として進もうとしています。高専の特徴は、本科 5 年一貫の実験・実習を重点配置した技術者教育、産業構造の変化に対応できる専門教育、学修者個々を豊かに育てる教育、多彩なキャリアパス形成、社会に立脚した将来のリーダー資質養成にあります。さらに、実践的な複合的課題解決能力を培う専攻科課程を設置しています。

今日、科学技術系人材育成の重要性が増す中、高専の役割はこれまで以上に大きくなりつつあると認識しています。学修者本位の教育の質保証を基本に、社会とひとびとの要求を工学要素に変換できる能力を有した人材を送りたいと考えています。

高知高専は、社会の変化と時代のニーズに対応して、2016 年に本科組織をエネルギー・環境、ロボティクス、情報セキュリティ、まちづくり・防災、新素材・生命の 5 コースを有するソーシャルデザイン工学科に改組し、2021 年に専攻科ソーシャルデザイン専攻を設置するに至りました。学科再編により、社会において発現している又は隠れている課題を見つけ出し、その解決策をデザインするために、幅広い知識・技術を活用できる複合・融合型人材育成を目指しています。社会実装を念頭に置いた地域とつながった教育プログラムも大きな特徴です。学生、教職員ともに地域の活力の源となるべく活動しています。

現在、高専生に対して大きな期待があり、高専生が「高い技術力」、「社会貢献への学習意欲を起こすこと」、「自由な発想力」を生かして起業する事例に高い評価を受けており、高知高専もこのような人材育成を加速させるため、高専生の活動を後押しする学習環境の整備に着手しています。

今後も多くの卒業生・修了生が、実践力と創造力を持った技術者として地域で、日本で、世界で活躍してくれることを期待して、高知高専の教育・研究力を高め、日本や世界を支える人材の育成に努めていきたいと思っています。

National Institute of Technology (Kosen) Kochi College just observed 60th anniversary, and is moving ahead as an educational institution as needed by society. The five features of National Institute of Technology are: an engineering education that emphasizes experimentation and practical training, specialized education that can cope with changes in industrial structures, education that enriches individual learners, education that forms diverse career paths, and education that fosters future leadership qualities based on society. In addition, we've established advanced courses meant to cultivate practical and complex problem-solving skills.

Today, as the importance of fostering scientific and technological human resource increases, we recognize that the role of the National Institute of Technology (Kosen) is becoming more important than ever. Based on the quality assurance of learner-oriented education, we would like to produce specialists who can create engineering elements based on the needs of society and its people.

Responding to the change of society and needs of the times, the National Institute of Technology (Kosen) Kochi College has reorganized its regular courses into the departments of Social Design Engineering, which has 5 courses: Energy and Environment Robotics, Information Security, Civil Engineering Architecture and Disaster Prevention and Material and Biotechnology in 2016. In 2021, Advanced course (Social Design Engineering) was established. We are aiming to cultivate complex and integrated human resources who can utilize broad knowledge/techniques to identify problems that have already emerged or are hidden by society and design solutions for them. Another major feature is the educational program that connected to the community with social implementation in mind. Both students and faculty members are working to become vital sources of energy for the community.

There are high expectations for the students of the National Institute of Technology, and we have also received high evaluations for cases where they start their own businesses by making use of their "high technical skills", "motivation to contribute to society", and "free creative power". In order to accelerate development of such human resources, we've started to develop a learning environment that supports their activities.

We would like to produce graduates who support the world by raising educational and research abilities, and we expect that they will play an active role in Japan and in the world as the engineers with practical and creative skills in the future.



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