

FEST Orientation Term 2



The Faculty of Engineering, Science and Technology (FEST) conducted its orientation program on 14 August 2025 and 28 August 2025 to welcome the new cohort of students enrolled for the semester. Held at the beginning of each academic term, the orientation serves as an essential introduction for incoming students aimed at certificate and bachelor courses, familiarizing them with the academic structure, institutional policies, support services, and student life within the faculty and the wider university community. The program aims to ease the transition of new students into university life by offering comprehensive insights into both academic and extracurricular aspects. It also provides an

opportunity for students to engage with faculty members, peers, and administrative staff, thereby fostering a sense of belonging and academic preparedness.

FEST offers a diverse range of undergraduate programs across several disciplines, including Computer Science, Information Technology, Architecture, Interior Design, Civil Engineering, Environmental Science, Marine Science, Applied Sciences, and Pure Sciences.

The curriculum is designed to ensure students acquire both theoretical knowledge and practical skills relevant to their chosen fields. In the domain of Computer





Science, students gain practical experience with cutting-edge technologies and are encouraged to participate in innovative projects, including the development of intelligent systems. The networking modules within the curriculum are aligned with international standards and frameworks, such as those set by CISCO, offering students the opportunity to attain industry-recognized certifications. The faculty is committed to maintaining a high standard of academic delivery and a supportive learning environment. Graduates are well-equipped to enter the workforce and contribute effectively to their respective industries. Many alumni of FEST have gone on to assume leadership roles and have made significant contributions to the advancement of their fields.

Notably, the Faculty of Engineering, Science and Technology holds the distinction of being the first in the Maldives to offer a Bachelor's degree in Civil Engineering.

The Bachelor of Civil Engineering (Honours) program is designed to produce competent and employable professionals equipped with contemporary knowledge and practical skills in civil engineering. Graduates of this program are expected to pursue careers as project engineers, project managers, design engineers, draftsmen, technicians, and site supervisors, among other roles.

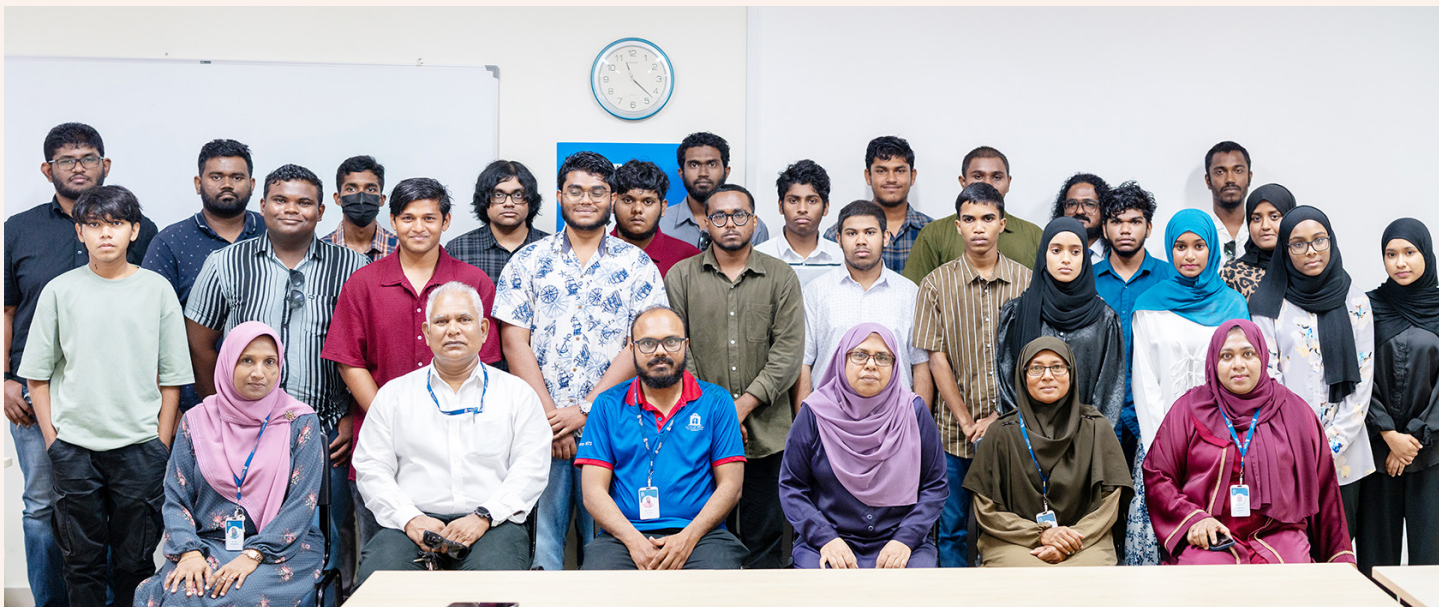
In addition, FEST is pleased to announce the launch of the third batch of the Bachelor of Engineering in Electrical and Electronic Engineering (Hons). This engineering program offers exciting career opportunities in various fields, including electrical system design, maintenance of electrical control systems, machinery, and equipment, as well as computer engineering and communications.

With its specializations, this program aims to produce qualified engineers who can help address gaps in the national skills shortage. Specializations, such as power and renewable energy engineering, will support national-level programs promoting green and sustainable energy by training and increasing the qualified workforce across the country.



ART OF ENGINEERING

The “art of engineering” is the application of scientific and mathematical principles to create practical solutions, emphasizing the creativity, innovation, and *aesthetic* considerations involved in designing systems, structures, and devices.



Graduates of this program will be equipped to work with a wide range of electronic devices and can specialize in fields like telecommunications, computer engineering, or even the power sector, with electives starting in year 3. Additionally, the approved industrial training will ensure that graduates are well-prepared for their careers.

Moreover, we also offer a Master of Engineering in Electronics and Telecommunications. This specialized postgraduate program is designed to develop advanced technical expertise in telecommunications and electronic systems. In the context of the Maldives, an island nation where reliable communication infrastructure is vital, this program addresses national priorities by equipping graduates with the knowledge and skills necessary to design, implement, and manage modern communication technologies. It supports national workforce development, reduces reliance on expatriate expertise, and fosters local capacity to drive innovation in critical sectors, including infrastructure, defense, environment, and digital services.

FEST is also proud to announce the Doctor of Philosophy (PhD) in Applied Science and the Doctor of Philosophy (PhD) in



Engineering, with 8 concentrations in Applied Science (Environmental Science, Material Science, Applied Mathematics, Data Science, Chemistry, Computer Science, Physics and Biology) and 5 concentrations in Engineering (Electrical Engineering, Mechanical Engineering, Environmental Engineering, Computer Engineering and Chemical Engineering).

FEST continues to play a pivotal role in shaping the future of engineering, science, and technology education in the Maldives, preparing graduates to meet national and global challenges in their respective disciplines.

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