



# KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE

Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रौद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत

కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ౫౦౬ ౦౧౫ తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

(Approved by AICTE, New Delhi; Recognised by UGC under 2(f) & 12(B); Sponsored by EKASILA EDUCATION SOCIETY)

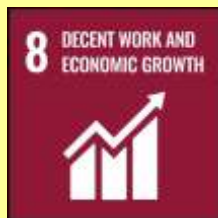
## DEPARTMENT OF INFORMATION TECHNOLOGY

# SUSTAINABLE DEVELOPMENT GOALS



**SDG-3: Good Health and Well-being:** Biomedical engineers design medical devices, improve healthcare facilities, and develop innovations for diagnostics, treatment, and disease prevention. Engineers also work on water purification, waste management, and sanitation systems to reduce health risks.

**SDG-4: Quality Education:** Engineers help build and enhance educational infrastructures, develop e-learning platforms, and create technologies that provide equal access to education in remote areas.



**SDG-8: Decent Work and Economic Growth:** Engineers create job opportunities by developing innovative products, manufacturing processes, and technologies. They also focus on improving working conditions and economic systems in industries worldwide.

**SDG-9: Industry, Innovation, and Infrastructure:** Engineers design and build resilient infrastructure, promote sustainable industrial practices, and foster innovation in key sectors like transportation, energy, and manufacturing.



**SDG-11: Sustainable Cities and Communities:** Urban planners and civil engineers design sustainable cities by focusing on energy-efficient buildings, smart transportation systems, waste management, and green spaces.

**SDG-16 Peace, Justice, and Strong Institutions:** Engineers develop technologies to improve governance, enhance security, and support justice systems, such as digital platforms for transparency, accountability, and information access.



The Department of Information Technology empowers students with technical and ethical skills through quality education. By integrating SDGs into courses, projects, seminars, internships, and research, the department promotes innovation and industry relevance. These activities enhance employability and support decent work and economic growth. Student solutions contribute to good health and well-being, sustainable cities and communities, and peace, justice, and strong institutions.