## KAKATIYA INSTITUTE OF TECHNOLOGY & SCIENCE Opp : Yerragattu Gutta, Hasanparthy (Mandal), WARANGAL - 506 015, Telangana, INDIA.

काकतीय प्रद्योगिकी एवं विज्ञान संस्थान, वरंगल - ५०६ ०१५ तेलंगाना, भारत కాకతీయ సాంకేతిక విజ్ఞాన శాస్త్ర విద్యాలయం, వరంగల్ - ఇంల ందిన తెలంగాణ, భారతదేశము

(An Autonomous Institute under Kakatiya University, Warangal)

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

## SPECIALIZATIONS FOR FACULTY RECRUITMENT

(Advt. No. Recruitment/01/June/2021, Dated 18.06.2021)

## FOR ASSISTANT PROFESSOR/ASSOCIATE PROFESSOR/PROFESSOR

S.No	DEPARTMENT	SPECIALIZATION
1	Civil Engineering (CE)	<ol> <li>Structural Engineering</li> <li>Water Resources Engineering</li> <li>Environmental Engineering</li> <li>Earthquake Engineering</li> <li>Composite Materials</li> <li>Allied areas of Civil Engineering</li> </ol>
2	Mechanical Engineering (ME)	<ol> <li>Hybrid Machining</li> <li>Fuel Cells</li> <li>Computational Fluid Dynamics</li> <li>Composite Materials</li> <li>Nano Powders and Nano Fluids</li> <li>Modelling and Analysis of         Mechanisms</li> <li>Stress Analysis &amp; Vehicle Dynamics</li> <li>Electrical Discharge Machining</li> <li>Solar Energy</li> <li>Foundry</li> <li>Friction Stir Welding</li> <li>Allied areas of Mechanical Engineering</li> </ol>
3	Electronics & Instrumentation Engineering (E&I)	<ol> <li>Embedded System Design</li> <li>VLSI System Design</li> <li>Device Modelling</li> <li>Allied areas of Electronics</li> </ol>
4	Electrical & Electronics Engineering (EEE)	<ol> <li>Electric Vehicles</li> <li>Smart Grid</li> <li>Renewable Energy</li> <li>Condition Monitoring</li> <li>Signal Processing Applications in Electrical Engineering</li> <li>EMI</li> <li>Allied areas of Electrical Engineering</li> </ol>

5	Computer Science & Engineering (CSE), Information Technology (IT)	<ol> <li>Cloud Computing</li> <li>Artificial Intelligence &amp; Machine Learning</li> <li>Deep Learning</li> <li>Data Mining</li> <li>Network Security</li> <li>Big Data Analytics</li> <li>Data Science</li> <li>Internet of Things</li> <li>Blockchain Technologies</li> <li>Python &amp; R Programming</li> <li>Web Designing</li> <li>Cryptography</li> <li>Augmented Reality</li> <li>Computer &amp; Wireless networks</li> <li>Allied areas of computer Science &amp; Engineering, Information Technology</li> </ol>
6	Electronics & Communication Engineering (ECE)	<ol> <li>Advanced Communication Systems</li> <li>Embedded Systems</li> <li>ARM and other processor applications</li> <li>VLSI system Design</li> <li>Device Modelling</li> <li>Internet of Things</li> <li>Artificial Intelligence &amp;Machine         <ul> <li>Learning applications in ECE domain</li> </ul> </li> <li>Real Time Operating Systems</li> <li>Signal Processing</li> <li>Allied areas of Electronics</li> </ol>