7.3 Institutional Distinctiveness

7.3.1 –The details of the performance of the institution in one area distinctive to its vision, priority and thrust.

KCT is striving to realise its vision of becoming an internationally reputed Technical University that will groom students into professionally responsible, socially sensitive, and culturally aware leaders. Ré, iQube and Garage (RiG) are the student research forums that cater to inquisitive, innovative trend setters. KCT's Platform for Research and Exploration (Ré) is a start-up initiated with the aim of instigating a research culture among the student community. Ré offers technical expertise and financial support to student projects every year. Ré as a team strives to provide engineering solutions to world problems by mentoring, guiding and incubating students' research projects targeted to solutions. iQube was founded in order to bridge the gap between the students skillsets and industry demands. It builds technical expertise among the students to equip them to build practical solutions for real-time problems, along with an industry or by themselves. An innovation centre for tech enthusiasts aims to bring out the explorer and maker within. It helps tech enthusiasts to convert their innovative ideas into commercially viable prototypes by providing guidance and mentorship. Garage is a student involved Product Development - Research Centre of the automotive sector. Students design and construct vehicles that include terrain vehicle, supra vehicle, quad bike, dirt bike, go- kart and solar karts. Garage is specifically a workshop, where students design, analyze and fabricate different types of vehicles or parts of a vehicle and compete in various motor sporting events around the globe. Kumaraguru Centre of Industrial Research and Innovation (KC.IRI), was established in the year 2017 as a remembrance of Dr. APJ Abdul Kalam. KC.IRI is a focused Research Innovation Ecosystem at KCT in symbiotic collaboration with industries for the promotion of industry-specific applied research, innovative product development, advanced learning and skill development programs.

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