

7.2. Best Practices

Describe at least two institutional best practices upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

(i) The institute has constituted an office under the name Centre for Teaching Innovation and Excellence (CFTIE) to develop innovative pedagogies for powerful learning. Institute prepared quickly on various indicators such as student-faculty engagement, innovative learning management system and virtual sessions during a world-wide lockdown due to COVID-19. The e-Learning platform provided to the students for the year June 2020- May 2021 qualified the Institute for QS I-GAUGE- E-Learning Excellence for Academic Digitization (E-LEAD) certification. Uninterrupted online teaching learning process was highly beneficial for the students. The faculty members were interactive and the quality of online teaching was as good as experienced in regular offline classes. ICT tools were used effectively, appropriate videos and animations are used to deliberate the content and additional topics related to modern trends were covered during online teaching. Analytical papers were handled well by the faculty. The institute has collaborated with Taylor's University, Malaysia for a Design Thinking Course for the benefit of first year students and faculty members. DATA on NET (DoN) software being launched to use extensively in the institute. 95% of the total 902 events conducted during the year were through online mode. Other than regular online lectures, 273 Seminars/Webinars/FDPs, 79 one-to-one meetings, 81 pre-recorded lectures and 36 tutorial lessons were conducted through online for the benefit of stakeholders. One-to-one meetings ensured the mentor-mentee interactions in the presence of parents. Data privacy and cyber security is ensured in the campus by installing antivirus software. KPRIET has a robust system to facilitate data recovery with a dedicated mirror server in a separate location.

(ii) Centre for Innovation, Incubation and Entrepreneurship Development (CIIED) is functioning in our institute to create a world class, self-sustaining business incubation centre & innovation ecosystem for the benefit of stakeholders. This centre facilitates our students and faculty to come up with innovative start-ups, development of prototypes, technology transfer and commercialization. CIIED has established the Institute Innovation Council (IIC) as a sub council to the Ministry of Education Innovation Cell. Our IIC activities were rated with 3 Stars for the year 2019-2020 by the Ministry of Education Innovation Cell and we are aiming to get full 5 star rating for the year 2020-21. We had start-ups by the students and faculty and participated in several national level competitions in the year 2020-21. Seven teams were participated India International Science Fest 2020. One of the contestants won first place in the "Autonomous Vehicle" category. Entrepreneurship Development Cell (EDC) under CIIED organized 20 webinars and 2 expert talks on entrepreneurship development approach during 2020-21. KPR Incubation Centre (KIC) is the business incubation establishment under CIIED. KIC has full-fledged business plan and several facilities are given for the start-ups. As part of activity of KIC, Ministry of Micro, Small & Medium Enterprises (MSME) for Business Incubation recognized KPRIET as a host institute. This recognition will enable the institute for financial support for developing and nurturing the ideas. CIIED is keen to ensure the innovations from an engineering side should result in an improvement in productivity, should result in a reduction in cost, should result in improvement in the environment, should have a social relevance and any improvements in these

things should not result in any adverse effect on the other.