## 3.3.1 Institution has created an ecosystem for innovations and creation and transfer of knowledge supported by dedicated centers for Research, entrepreneurship community orientation, incubation etc.

Institute has developed a Centre for Innovation Invention Incubation (CIII) to provide enabling environment for students and faculty for exploration of their new ideas regarding innovations, IPR, Start-ups etc. College has registered Institution's Innovation Council to Innovation Cell of Ministry of Education and conducted several activities under their guidance. Several activities such as LOGO competition, motivational lectures by successful innovator and entrepreneur, panel discussion on innovation, Opportunities for Early-stage Entrepreneurs, IPR workshops were organized. Workshop on Innovation and Entrepreneurship as career opportunity was organized. Workshop for students on how to convert their projects into patents start-ups and entrepreneurship was organized. Under the guidance of Center for Invention Innovation Incubation many patents were filled including Indian, Australian, German patents. Ideas collected from students were incubated and converted into patents. Institution's Innovation Council of the College is equipped with wellfurnished hall of Centre for Invention Innovation Incubation with dimension of 40X40 feet. Ideas submitted by students were polished and submitted to YUKTI innovation challenge 2023 for further assistance. 3 ideas were nominated in YUKTI innovation challenge by Ministry of Educations Innovation cell. Due to this ecosystem developed students and faculty from our college filled several patents and started startups.

The Research Committee of the college inculcates research culture among the students, young researchers and faculty and encouraging for novel thinking. This platform provides an opportunity for expression of academic talent and promotes interaction among academia. The college has taken initiative steps towards developing ecosystem for innovations and knowledge sharing methods. The faculty members are empowered to take up research activities utilizing the inherent skills. The Research Committee of our institution to motivate the student and faculty members extends scopes to explore their new ideas in the field of research and development. It also helps to create research culture among faculty members and students. The students and faculty are availing the facilities within the campus to carry out their research activities, such as Common Facility Center, Wi-Fi throughout the campus, Internet facility is available to students and staff. Several departments of college are endowed with well-equipped research laboratories. Computing facility is available and adequate licensed software is also available. Well furnished Seminar/Auditorium halls are available to conduct seminar/workshop, guest lectures, and discussion on technical paper/project presentations, cultural and screening of informative educational movies.

The Center of Entrepreneurship Development devised a system to guide and motivate student and faculty to become Entrepreneur and Start-up. This Center is developing students for Entrepreneurship and Start-up by providing guidance on project report preparation, financial assistance, market survey and marketing of product. One day workshop on Entrepreneurship and Innovation as career opportunities was organized. Webinar on "Opportunities for Early-stage Entrepreneurs" was also organized to develop students mind towards entrepreneurship. The center motivates students to incubate their start ups in the campus by offering them guidance.

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