3.2.1 Institution has created an ecosystem for innovations and other initiatives for creation and transfer of knowledge

Response:

PSCMR College of Engineering & Technology focuses on innovations by entering into MoUs with prominent organizations & institutions. The objective is to provide a comprehensive and integrated range of support including mentoring, Training programs, networking and an array of other benefits. The initiatives taken up by the institution towards effective knowledge transfer to the students are mentioned:

- The college conducts Innovative Teaching Methodologies like Flipped Classroom Activity, Spaced learning, Jigsaws etc. These teaching strategies and methods is to improve academic outcomes and address real problems to promote equitable learning.

- The college has setup e-yantra robotics laboratory and Eruth laboratory to make students have an experiential learning of their courses by doing innovative projects under the guidance & supervision of faculty as well as resource person through online. This facility paves way for students to have participative learning. From this student have developed some useful projects.

- The institution has MoUs with other institutions which help in upgrading the knowledge by providing guest lectures, seminars, workshops for students and faculty members by mutual sharing of resources.

- The institution has an MoU with "UiPath, the leading enterprise Robotic Process Automation (RPA) software company, in association with Andhra Pradesh State Skill Development Corporation (APSSDC)" which provides a platform for building designs and products for Robotics, AI, ML etc.

- The institution has an MoUs with "GO ON WHEELS", "Quantum of Learnings" and "Spypro Security Solutions" which helps students improve knowledge by internships in the field of IT, cyber security etc.

- The college has established an MoU with "MILLIONMINDS" with an objective of rebooting the Startup ecosystem, by igniting entrepreneurship spirit in the students of the institute.

- The institution has an MoU with "GARUDALYTICS- A GeoAI Company" which provides excellence towards technology R & D, internships and incubation for building a vibrant environment and careers in GIS and its allied applications.

- The institution has an MoU with "Codechef: Coding Platform" which provides the best platform for building Coding Skills to facilitate students to encounter the present job market. It helps in improving the coding skills of students.

- The institution has an MoU with "Swecha Foundation" which helps students improve knowledge by conducting workshops and events and also makes students improve innovatively.