**Report on**

**Title** : Webinar on **Innovation and startup with Artificial intelligence (AI)**

**Date** : 21-6-2024

**Description about the program:**

A Webinar on “Innovation and startup with Artificial intelligence (AI)” has been conducted on 21st June 2024, in order to spread start-up policy of government and Innovation and startup with Artificial intelligence among students which is organized by “Pratham"- Student Startup and Innovation cell of SSIP at M. N. College, Visnagar. This webinar has been sponsored by Student Startup and Innovation cell of Government of Gujarat.

The resource person for the webinar was Dr. Jignesh Patel, Department of Computer Science, Hemchandracharya North Gujarat University, Patan. He is enchanting graduate & undergraduate education for 15 years as an Assistant Professor in Information Technology. My areas of expertise, including Computer Networks, Computer Graphics, and Python, enable me to equip students with the tools and knowledge to thrive in today's digital landscape.

He explained many topics regarding AI i.e. Artificial intelligence has rapidly evolved over the years, revolutionizing various industries and transforming the way we live and work. Expert systems, one of the applications of AI, have proven to be invaluable in fields such as medicine, finance, and engineering. These systems are designed to mimic human expertise by analyzing vast amounts of data and providing intelligent recommendations or solutions. Natural language processing (NLP) is another remarkable aspect of AI that enables machines to understand and interpret human language. This technology has paved the way for virtual assistants like Siri or Alexa, which can comprehend our commands and respond accordingly. NLP also plays a crucial role in sentiment analysis, chatbots, and language translation services. Speech recognition is yet another fascinating application of AI that has transformed how we interact with technology. Through advanced algorithms and machine learning techniques, computers can now accurately convert spoken words into written text. This technology has found its way into voice assistants, transcription services, and even automated customer support systems. Machine vision is an exciting field within AI.