



**Fig 5: The evolution of 6G Technology**

## 6. Future Perspective:

With the upcoming of 6G AI and humans will be connected in factory. In addition, some sectors, certain conditions will not need human aid. Nowadays, the majority of factories must be speedy, and secure. These facilities contribute in the improvement of the industrial process. They can balance demand and market supply intelligently [1]. They can predict when 'machines' will require maintenance. Large international corporations may remotely monitor their plants using global control centers.

Future wireless communication is projected to allow various advanced applications, one of them being the factory of the future. To operate businesses remotely, new XR tools and human senses detecting technologies are essential. Digital twins will be deployed to supply equipment, gadgets, robotics, and network. A vast volume of data will be sent between devices and collected by humans in the control center [12]. Self-healing factories are an absolute necessity. These challenges need the development of specialized wireless networks. To tackle latency and capacity concerns, D2D will be made accessible in 6G. For high-accuracy positing (1 cm), better localization and procedures powered by the 6G network will be essential.

## 7. Conclusion:

Technology has a great influence on human lifestyle. Mankind is constantly striving to provide many solutions to various problems and new paths to growth.