

ENTECH

EXPLORE YOUR PASSION

FOR ASPIRING

Scientists

Technocrats

Engineers

Mathematicians

Class 8 to Class 12 Students'
Career Planning Companion



S.T.E.M.



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About the Magazine

ENTECH is a monthly magazine meant for teenagers, especially in the age group of 13-17 who are fascinated by Science Technology Engineering Mathematics, STEM. ENTECH magazine will help teenagers in exploring areas that spark their interest, discover their passion. The ENTECH magazine is a companion, which will help teenagers to take most suitable and appropriate action to convert passion into their profession. ENTECH magazine intends to publish short articles by experienced professionals, innovators, researchers and faculty.

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From the desk of Editor

STEM subjects like science, technology, engineering, and math (STEM) are always changing. In 2023, some ground-breaking ideas and innovations were made. These changes, ranging from big steps forward in artificial intelligence to amazing achievements in space travel, could have a huge impact on our future.

Deep learning has become a very useful tool in the field of healthcare. Researchers have come a long way in using AI to help doctors and patients get better care and diagnoses. AI is changing the way medical images are interpreted, new drugs are found, and personalized treatment plans are made because it can quickly and correctly look at huge amounts of data.

Quantum teleportation is another amazing new idea. Intangled particles have been used by scientists to safely send quantum information over long distances.

During this time, there has also been a lot of growth in renewable energy. To fight climate change and lessen our reliance on fossil fuels, we need to create renewable energy systems that work well and don't cost a lot of money.

Many steps have been taken by researchers to create stable qubits that can do complicated math faster than regular computers. With this progress, we can get closer to answering hard problems that couldn't be solved with old-fashioned computer methods.

Also, we are still very interested in space research. The Perseverance rover from NASA has made an exciting find on Mars: it has found signs of old life on the red planet. This discovery gives us new ways to think about how life started beyond Earth.

These new inventions and innovations show how people are always trying to learn more and how far STEM areas have come. It is clear that these advances will shape our future and make it possible for more discoveries and progress in science, technology, engineering, and math as long as we keep pushing the limits of what is possible.

Charudatta Pathak

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