1st International Conference on Applied Mathematics, Modeling and Simulation in Engineering
15-16 Sept. 2021
Organizer: Stanley College of Engineering & Technology for Women, Hyderabad, India.

Title of the proposed special session:

"CONTRIBUTION OF TECHNOLOGY IN EDUCATION"

Short Abbreviation:

The digital learning is user-friendly, self-explanatory and makes the process more interesting. The use of graphics simplifies the concepts of difficult subjects like Maths, Biology, Chemistry, Physics. It increases the student's engagement and motivation and accelerates learning. The use of technology has made education easy as well as interesting.

Names/affiliation of the Session Chair(s):

1.   **Dr. M. Aparna**, Associate Professor, Humanities and Mathematics Department
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Session abstract/theme:

The mode of education was never the same, it has changed continuously, in the beginning, there were no books or notebooks, students use to learn whatever their teacher use to teach in the class itself. Slowly paper and pen were invented and slowly the process moved and today we have technology on our doorstep. Traditional teaching methods, with teachers in front of a blackboard giving long hours of lectures, do not work with today's students and certainly will not work with the students of the future too. Toddlers these days have an early introduction to technology when they start using their parent's smartphones, tablets, laptops even before they learn to speak. Therefore, imparting technology-based education from their early stage is

definitely a positive idea. Time has changed and the mode of education should also be changed and students should be given chance to learn something new and interesting and technology makes it possible.

With the use of technology, mass education can be provided and the prevailing situation can be changed. Classroom courses at one place can be recorded in real-time and can be used for teaching the students who cannot attend these classes. This could be a good option as rural people are more attracted to technology and the drop-out rate could be reduced. When we take the help of technology for education, it becomes more interesting as well as convenient. Education should not only be confined up to books, one should get a chance to explore his knowledge and try something new. The regular teaching and learning process is under transition period now.

Publication:

All AMSE 2021 registered and presented papers will be published in the **IOP Science: Journal of Physics Conference Series (JPCS).**

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Topics of Interest

- Technology and Education
- Influence of Technology in Teaching and Learning Style
- Impact of Technology in Education
- Use of New Technologies in Education
- Effects of Technology on Education
- Current Stats About Technology on Education
- The Role of Technology in the Educational Process
- How Technology can be Used to Improve Learning
- How is technology Related to Education?
- What Role Should Technology Play in Education
- How Important is the Use of Technology in Education
- What is the Contribution of Technology in Education
- Technology and its Effect on Student Academic Achievement and Motivation