


KSIT
 K.S. INSTITUTE OF TECHNOLOGY

EMANATION



MECHANICAL DEPARTMENT NEWSLETTER



Creating a legacy, as we have said in these pages, KSIT-Emanation is on a roll. Engineers turn ideas into reality; they question, explore, invent, discover, and create. Our increasing recognition is evident by the enormous success of our staff and students' effort in contributing their rich service in several structures. KSIT-Emanation is expressing in its own way the hidden talent of our young minds. The contents of this newsletter definitely highlights the exciting activities of staff and students in all domains of engineering. I personally thank everyone for their effort in bringing out the fourth volume of **EMANATION** which contains useful information and also looking forward to hear from all readers, who would like to share with us.

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THE DIVINE PROPORTION

Leonardo Da Vinci has long been associated with the golden ratio. This association was reinforced in popular culture in 2003 by Dan Brown's best selling book "The Da-Vinci Code." The plot has pivotal clues involving the golden ratio and Fibonacci series. In 2006, the public awareness of the association grew when the book was turned into a movie starring veteran actor Tom Hanks. Da Vinci's association with the golden ratio, known in his time as the Divine proportion, runs much longer and deeper.

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PHYSICS OF CRICKET

Cricket is a subtle game requiring a great amount of patience as well as skill. Physics is one of the oldest academic disciplines while cricket is one of the most watched games. Physics of cricket elaborates on the elements of physics that plays a major role in cricket.

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THE FASTEST INDIAN



The fully fared Pulsar 200 is here and it will not be called the 200SS as it was speculated before. Read more about the 'Fastest Pulsar yet'.

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CRASH AND BURN!

Are you afraid of plane crashes? Most people are, and it's not so hard to understand why. The Transportation Security Administration screens over 1.8 million passengers every day, and each traveller places his or her trust in that system: it simply has to work. What's more, flying carries inherent, built-in risks. Planes are machines, and machines sometimes malfunction. Flight attendants and pilots may even fly several times per week, and although the airlines take as many precautions as possible, at these speeds and altitudes, mistakes can have serious consequences. Anyone who reads the paper or watches the news can tell you that plane accidents do sometimes happen.

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We thank the management of Kammavari Sangham :

Sri Y. Ramachandra Naidu

Hon. President

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Treasurer

For their constant support and encouragement.



