

Editorial

K L Sebastian, Chief Editor

Few days ago, the Mangalyan, India's mission to Mars successfully entered into a stable orbit around the planet. This is remarkable as India is the only country to succeed on the first attempt, and further the Indian mission is by far, the cheapest among all. This has made every Indian proud, and we are sure that this will enthuse many youngsters in India to pursue science, especially space science as a career. *Resonance* congratulates the scientists of Indian Space Research Organization, whose hard work has made this remarkable achievement possible.



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Other news that makes us happy are (a) the award of the Fundamental Physics Prize to Michael Green and John Schwarz, for their contributions to quantum gravity and (b) The award of breakthrough prizes in mathematics and biology. In biological sciences six scientists have been chosen while in mathematical sciences the Prize is awarded to five eminent mathematicians. The Prize carries a sum of three million dollars for each awardee. Brief write-ups on the awards are contained in this issue and we hope to bring more information to the readers in the near future.

This issue features Nayudamma, the doyen of leather science and technology in India. He was the Director of the Central Leather Research Institute in Chennai and then the Director General of Council for Scientific and Industrial Research. He was unusual in that he promoted both applied and basic sciences. His life and contributions are covered in an article by Rao and Ramasami. Another personality covered in the article by Rajaraman is Steve Jobs, an unusual person, who contributed enormously to the growth of personal computing in the world. A dropout from college, and a man of varied interests, he made Apple what it is today.

The other interesting articles are one by Dutta on the dynamics of chase and escape in the animal kingdom, an article by Mukhopadhyay on the Wigner's symmetry representation theorem, an important theorem in quantum mechanics, and a Classroom article on the structure of mercurous nitrate, the synthesis and structure of which remained controversial for over a century and has been finally cleared up by recent work.

