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## NEWS

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### INDIAN NATIONAL SCIENCE ACADEMY MEDAL FOR YOUNG SCIENTISTS

Fifteen young scientists have been awarded the INSA medals. The recipients are as follows: 1. Dr C. Varadhachari, Senior Research Fellow, Department of Agriculture, Calcutta University for chemistry and process development. 2. Dr Biman Bagchi, Indian Institute of Science, Bangalore for his contributions to theoretical studies of liquid structure and liquid-solid transitions. 3. Dr Amarjit Singh Basara, Punjab Agricultural University, Ludhiana for his original contribution in mechanisms underlying elongation of cotton fibres. 4. Dr Kamal Bhattacharya, Indian Association for the Cultivation of Science, Jadavpur for his work in quantum chemistry especially in the area of perturbation formalism. 5. Dr Kandala Venkataramana Chary, Tata Institute of Fundamental Research, Bombay for his study on the structure of DNA segments by 2D-Ft NMR. 6. Dr Jayaram Gowrishankar, Centre for Cellular and Molecular Biology, Hyderabad for his work on genetics of osmoregulation. 7. Dr Dipankar Home, Saha Institute of Nuclear Physics, Calcutta for his work on fundamental aspects of quantum mechanics. 8. Dr Shiban Kishen Koul, Indian Institute of Technology, Delhi for his innovative analysis of micro-strip-like transmission lines and its application to design and development of microwave integrated

circuits. 9. Ravi Mehrotra, National Physical Laboratory, New Delhi for his work on the quantum Hall effect. Theoretical studies on Visco-elastic effect in the 2D-electron liquid and for his prediction of the existence of shear waves in 2D-electron liquid. 10. Dr Biswajit Mishra, Indian Institute of Technology, Kharagpur for his ingenuity in applying thermodynamics to problems of sulphide-ore genesis. 11. Dr Echur Varadadesikan Sampathkumaran, Tata Institute of Fundamental Research, Bombay for his extensive experimental studies of valency fluctuation in rare earth systems. 12. Dr Jainigesh Akkaraju Sekhar, Defence Metallurgical Research Laboratory, Hyderabad for his discovery of rapid pressurization as a new solidification technique and impressive contributions to rapid solidification processing. 13. Dr Yarasam Chandra Sekharudu, University of Wisconsin, Madison for his work on computational study of lectin-carbohydrate interactions. 14. Dr Anurag Sharma, Indian Institute of Technology, New Delhi for his novel technique for the development of graded index optical imaging systems. 15. Dr Ram Sanmukh Upadhyay, Centre for Advanced Study in Botany, Banaras Hindu University, Varanasi for his original contribution towards biological control of fusarium wilt of pigeon pea.

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