
ANNOUNCEMENTS

AWARD OF RESEARCH DEGREES

The M. S. University of Baroda, Baroda – Ph.D. (Biochemistry) – Miss Renuka Chandrasekhar (Title ‘*Studies on mammalian brain gray and white matter lipids*’)

Sri Venkateswara University, Tirupati – Ph.D. (Statistics) Sri P. Ramachandra Rao (Title ‘*On construction of second order rotatable and group divisible rotatable designs through incomplete block designs*’); Sri V. Kodanda Rami Reddy (Title ‘*Estimation of parameters in errors in variables linear model*’) Ph.D. (Civil Engineering) Sri N. Venkata Subbayya (Title ‘*Studies on phytomonitoring of air quality*’) Ph.D. (Physics) Sri K. Gopal (Title ‘*Ultrasonic studies in liquid and liquid mixtures*’) Ph.D. (Biochemistry) Sri C. Damodara Reddy (Title ‘*Purification and characterization of isoenzymes of superoxide dismutase from mung bean*’) Ph.D. (Chemistry) Sri K. Dayananda Reddy (Title ‘*A study in thermodynamic and physical properties of non electrolyte solutions*’) Sri P. Ramachandraiah Chetty (Title ‘*Isolation and structure determination of plant phenolics of six rhynchosia species and polygonum glabrum*’) Ph.D. (Botany) Sri E. Kondaiah (Title ‘*Studies on sugarcane mosaic virus (SCMV) and a new virus – Sorghum streak mosaic virus (SSMV) on sugar-*

cane’) Sri A. Sreeramulu (Title ‘*Studies on the bacterial leaf blight of rice plant (Oryza sativa L) infected by xanthomonas campestris Pv Oryzae (Ishiyama) dye-characterisation of pathogen, toxins and host physiology*’) Sri K. Venkata Ramana Rao (Title ‘*Physiological studies on the influence of foliar application of potassium in salt stressed groundnut (Arachis hypogaea L) plants*’) Ph.D. (Zoology) Sri M. V. Ramana Rao (Title ‘*Studies on aspects of metabolism of the freshwater field crab ozitelphusa senex senex (Fabricius) in relation to exposure to sublethal concentration of mercuric chloride*’) Sri S. Dayananda (Title ‘*Some biochemical studies on chicken egg albumin enzymes for monitoring of organophosphorous pesticide residue and select heavy metal compounds in the environment*’) Sri G. Harold Philip (Title ‘*Effect of bhc on some aspects of metabolism in the Indian field mouse, Mus booduga gray*’) Sri K. Venkatarami Reddy (Title ‘*Effect of prolactin on the physiology of selected accessory sex organs of male albino rats during puberal transition*’)

Utkal University, Bhubaneswar – Ph.D. (Botany) Sri Amritlal Singh (Title ‘*Nitrogen fixation by azolla and blue green algae in water-logged paddy field*’)

INTERNATIONAL JOURNAL OF PLASTICITY

Pergamon Press Inc. New York publishers of scholarly and professional books and journals, announces publication of the International Journal of Plasticity. The scope of the journal encompasses original research on all aspects of plastic deformation of isotropic and anisotropic solids, including the thermodynamics of plasticity and fracture, continuum theory and macroscopic as well as microscopic phenomena. The topics of interest include plastic behaviour

of single crystals and polycrystalline metals, ceramics, rocks and soils, composites and polymers, plasticity aspects of failure and fracture mechanics.

For details please contact the Editor-in-Chief: Prof. Akhtar S. Khan, School of Aerospace, Mechanical and Nuclear Engineering, University of Oklahoma, or Contact M/s. Pergamon Press, Maxwell House, Fairview Park, Elmsford, New York 10523, U.S.A.

CONFERENCE ON KEY PESTS OF AGRICULTURAL CROPS

A National Conference on Key Pests of Agricultural Crops is being organised at C. S. Azad University of Agriculture & Technology, Kanpur from 21–23 December 1985. For participation and other details of the conference please contact Dr Y. K.

Mathur, Professor & Head (Entomology) and Organising Secretary, National Conference on Key Pests of Agricultural Crops, C. S. Azad University of Agriculture & Technology, Kanpur 208 002.

ALL INDIA SYMPOSIUM ON INSECT PHYSIOLOGY, ECOLOGY AND BEHAVIOUR

The Association for Advancement of Entomology proposes to organise an All India Symposium on Insect Physiology, Ecology and Behaviour of different insect groups from 15th to 17th January, 1986 at Trivandrum. Details regarding the Symposium can be

had from Dr D. Muraleedharan, Convenor, All India Symposium on Insect Physiology, Ecology & Behaviour, Department of Zoology, University of Kerala, Kariavattom 695 581.

NEWS

EVOLUTION THEORY IN MODERN BIOLOGY TEXTBOOKS

... A study of coverage of evolution in 18 biology texts now being offered for use by schools was conducted by Wayne A. Moyer (People for the American Way) and William V. Mayer (U. Colorado). "In addition to numerous examples of careless presentation of biological information—such as neglecting the fact that some mammals, such as whales, are hairless and that embryos are far more developmentally advanced than eggs—the study concentrates on poor or absent explanations of evolution. For example, one book says that 'to survive in a changing environment organisms must adapt.' This, the study says, teaches the long-rejected Lamarckian view that an individual animal that changes can pass those changes on to its offspring. In fact, it is species or

populations within species that adapt. The change does not occur within individuals but from one generation to the next. Another text offers the following: 'Millions of species have evolved successfully while others have become extinct.' This, the study says, suggests that extinct species were unsuccessful. In fact, for a species to appear in the first place, it would have to be successful. The dinosaurs—their very name an epithet for failure—were among the most successful groups of animals, thriving for 150 million years."

[(Boyce Rensberger in *Washington Post* 3 Mar 85, p. A8). Reproduced with permission from Press Digest, *Current Contents*®, No. 16, April 22, 1985, p. 13 (Published by the Institute for Scientific Information®, Philadelphia, PA, USA.)]
