

However, the present study on the same species indicated that even the application of a still lower dosage of 0.00009 ppm of PH 60-43 may cause 50% mortality of second instar. It is suggested that this new compound of penfluron analogue PH 60-43 can be used as a most effective controlling agent rather than its first formed parent compound diflubenzuron to manage the larvae of *C. quinquefasciatus*.

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ANNOUNCEMENT

ADVANCED WORKSHOP ON 'FAULT-TOLERANT COMPUTING' BANGALORE, JULY 20-25, 1987, ISRO-IISc SPACE TECHNOLOGY CELL

There is a persistent need for reliable and uninterrupted operation of computer systems in a variety of applications such as aerospace, communication, data acquisition and control. High reliability and availability have to be ensured despite component failures and design errors through fault tolerance. To meet the challenging requirements of many advanced missions currently being undertaken in the country in various fields, immediate attention needs to be given to indigenous design and development of fault-tolerant computing (FTC) systems. Focussing attention in this direction, the advanced workshop on FTC covers various aspects of FTC in depth. The workshop is organised under the sponsorship of various scientific and technological organisations interested in this field.

Outline of Programme

The six-day workshop aims at providing vast exposure to recent developments in fault-tolerant computing techniques with emphasis on real-time applications. The workshop consists of a series of invited lectures with an in-depth coverage of the following and other allied topics: Introduction to hardware and software fault tolerance, reliability analysis, fault tolerance methodology, voting and synchronisation schemes, fault detection and identification (FDI) techniques, software fault tolerance

in real-time systems, fault tolerance in real-time distributed computing systems, fault-tolerant operating systems, reliability modelling and performance issues, survey of existing fault-tolerant systems, state-of-the-art problems in fault-tolerant computing, and embedded computing systems for aircraft, spacecraft, telecommunications and data acquisition and control.

Faculty

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Participants

This workshop will be of interest to hardware software engineers, researchers, managers, faculty members and users/designers of industrial, aerospace, communication and other systems. Participants will be provided with lecture notes.

Advance information/registration forms, request for accommodation and other correspondence may be addressed to: S. Murugesan, Head, Control Electronics Section, ISRO Satellite Centre, Vimanapura, Bangalore 560 017.