Smart Dust

Jucy B Chauhan,

Fy B.Sc Navrachna University

Hemendra Singh Rajawat

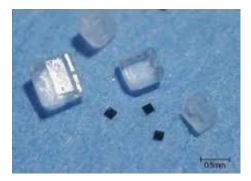
Sy B.Sc Navrachna University

Email - 14163072@nuv.ac.in

Microchip is committed to **continuous improvement of our environmental performance** through a proactive approach that integrates environmental protection with business goals.

Smart dust is a system of many tiny microelectromechanical systems (MEMS) such as sensors, robots, or other devices, that can detect, for example, light, temperature, vibration, magnetism, or chemicals. They are usually operated on a computer network wirelessly and are distributed over some area to perform tasks, usually sensing through radio-frequency identification. Without an antenna of much greater size the range of tiny smart dust communication devices is measured in a few millimetres and they may be vulnerable to electromagnetic disablement and destruction by microwave exposure.

A safe and healthful environment is vital to the attainment of Microchip and no undertaking should be considered so important that it be pursued in an unsafe manner.



The Role of Networks of Wireless Nano sensors in Precision Farming

Wildlife Habitats

Geo sensor network application

Keyword – Environment and Microchips