

Guna Selvaduray – Brief Biography

Guna Selvaduray joined San Jose State University in Fall 1984. He obtained his M.S. and Ph.D. degrees in Materials Science & Engineering from Stanford University, and his B. Eng. Degree in Mechanical Engineering from Tokyo Institute of Technology. His current research interests include microelectronic encapsulation and interconnect issues, issues related to Pb-free solders for microelectronics, materials issues related to biomedical implants, corrosion and surface phenomena, and environmental issues related to engineering materials.

He has been involved in microelectronic packaging education and research for more than 25 years, including the creation of a graduate level curriculum at San Jose State University. One of his current efforts is focused on exploring issues concerning microelectronic packaging for biomedical devices, especially implants - an industry sector that holds great promise for the future. The International Microelectronics and Packaging Society recognized his efforts by awarding him its Outstanding Educator Award in 2008.

His research and scholarly activities have attracted funding from a variety of government agencies and private companies. He has supervised approximately 120 M.S. theses and B.S. senior projects. He has over 100 publications and has made over 120 technical presentations. Guna is also a consultant to industries in the USA and Japan.

An avid international traveler who enjoys the diversity this brings to him, Guna speaks five languages including Japanese.