

Prof. Sanjay G Dhande

Excerpts

Padma Shri Professor Sanjay Govind Dhande, engineer and educationist by qualification. He is former director of the Indian Institute of Technology Kanpur. Professor Dhande is the Chairman, Board of Governors of National Institute of Industrial Engineering (NITIE), Mumbai, since 2016 and National Institute of Technology Delhi since, 2017. Dhande has worked in the field of Computer Aided Design, Rapid Prototyping, Rapid Tooling and Reverse Engineering. AUTOLAY, an innovative CAD technology, that he developed for the Indian Aeronautical Development Agency is used by several aircraft manufacturers around the world and for the construction of light combat aircraft in India.

Bio

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Professor Dhande has been the founder director of PDPM Indian Institute of Information Technology Design and Manufacturing Jabalpur, Indian Institute of Saddlery Technology and Export Management (IISTEM), Banther, Kanpur under the aegis of the Indian Ministry of Commerce and Industry and Mahindra Ecole Centrale, College of Engineering at Hyderabad. He has also served as a part-time member of Telecom Regulatory Authority of India. Presently, he is a member of the Scientific Advisory Council to the Prime Minister of India. He has been assisting the Indian government by preparing the vision documents and charters for the Indian Institutes of Science for Education & Research (IISER) at Pune and Kolkata.

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Doctoral Dissertation

“Geometrical Synthesis of Two-dimensional and Three-dimensional Cam Mechanisms”, Submitted to the Department of Mechanical Engg., Indian Institute of Technology, Kanpur, August 1974.

Books

“Kinematics and Geometry of Planar and Spatial Cam Mechanisms”, by Sanjay G Dhande and J Chakraborty. The book has been published by Wiley Eastern Ltd., New Delhi in 1977 and is being marketed by Wiley International Inc., New York City.

“Computer Aided Design and Manufacture”, by Sanjay G Dhande and S Sampath (editors). The book has been published by the Committee on Science & Technology in Developing Countries (COSTED), Singapore and is based on the proceedings of an international seminar on “CAD/CAM – Implications to Development in Asia” held at COSTED, Madras, September 1986.

“Computer Aided Engineering Graphics and Design “, by Sanjay G Dhande. The book-manuscript is under preparation. A contract for publication has been signed with Wiley Eastern Publishers Ltd., New Delhi.

Awards and honours

- 1987 – Selected as a member of the TC 5.2 Working Group on CAD and Graphics of the International Federation of Information Processing (IFIP)”, Zurich, Switzerland.
- 1990 – Distinguished Instructor (ME 5984, 89-90 / II, Virginia Tech).
- 1992 – Procter & Gamble Best Paper Award (jointly with Paul Tidwell”, Charles Reinholtz et al.), ASME Conference.