



Indira Gandhi National Center for Arts

Kala Nidhi Division

Autonomous Trust under the Ministry of Culture, Govt. of India

Kala Nidhi division, IGNC A cordially invites you to a talk on

WAFERFICHE™ A Semiconductor Based Archival Technology for the Future

By Prof. P.R. Mukund
Rochester Institute of Technology, Rochester, NY, USA

Welcome & Introductions -
Dr. Ramesh C Gaur, HoD - Kala Nidhi, IGNC A

Abstract

Archiving of manuscripts for many centuries requires technologies that do not depend on current computing technologies for extraction and inspection, due to the very rapid migration of computing technologies. Mere imaging a manuscript in digital form and string the image in any currently available portal guarantees its demise in a relatively short period. Other technologies such as microfilm are susceptible to environmental conditions and cannot survive for many centuries.

In this talk, Prof. Mukund presents a patented technology that is based on semiconductor manufacturing techniques, that has been tested and qualified to last for many centuries, even under very harsh environmental conditions. This technology can withstand many hundreds of degrees of heat and extreme humidity. It is also readable using mere illumination and magnification. This technology, developed by Prof. Mukund's team has been widely reported in press world wide as the archival technology of future.

Chairperson:

Dr. Sachchidanand Joshi
Member Secretary, IGNC A

Date: June 11th, 2018

Time: 3 PM

Venue:

Conference Hall, IGNC A, CV Mess
Janpath, New Delhi



About Speaker

Prof. P.R. Mukund is on the faculty of Electrical Engineering at the Rochester Institute of Technology in USA. In this capacity, he has been the Principal Investigator of funded research of more than 2 million Dollars, and has guided the research of more than 80 graduate students. He has published extensively in peer reviewed journals, and has chaired several IEEE international conferences.

Prof. Mukund is also a keen student of Vedic science and has conducted many workshops in both USA and India. He is also the founding trustee of Tara Prakashana and the Foundation for the Preservation of Knowledge, two non-profit trusts that has saved over 3,000 ancient manuscripts.

