

CURRICULUM VITAE

Name : Appu Kuttan . K. K.

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Former Director, NIT, Bhopal 2011-2016

Date of birth : June 12, 1953

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Highest Qualification : Ph.D, IIT Madras

Nationality : Indian

Religion : Hindu

Experience : 3 years industry, 30 years teaching, 25 years of
research and administrative experience (5 years as
Director at NIT, Bhopal)

**Administrative
Experience at NITK** : Head of the Department 2000-2004.
Co-coordinator TEQIP-1-2004-2006
(Mechanical Engineering Dept.)
Hostel House Master, 2003-2006.
Chairman, Institute of Engineers, 2002-2007
Chairman, Rotaract Club, 1989-2007
Chairman, Robotics Club, 2002-2007
Chairman, Library advisory committee, 2006-2010
Director, MANIT, Bhopal 2011-2016
Member, NIT council standing committee 2012-2015



Publication : 123 papers in journals and conference proceedings,
International Journal- 22, International Conferences - 49,
National journal - 04, National Conference - 48

Text books : 1.Introduction to Mechatronics- Oxford University Press, 2007
2.Robotics, IK International Publishing House, 2007
3.Control Engineering, IK International Publishing House, 2008
4.Turbo machines, IK International Publishing House, 2010
5. Engineering Economics, under preparation,
6. Introduction to Finite element method, under preparation

Scientific Reports : Stabilization of rigid body in microgravity space,
ISRO, Bangalore.
Multivariable control for Kaveri engine, GTRE,
Bangalore. Advisory member

Membership : 5 professional bodies (IETE, IE, ISTE, MSI, IIS)

Research projects guided : 18 Ph.D degrees, 64 M.Tech thesis and
55 B.Tech projects

Capital projects : Industry - 18.78 lakhs in 1978 to 1981(Capital fund)
KREC - 109.4 lakhs in 1995 to 2002(Plan fund)
NITK - 376.3 Lakhs in 2002 to 2007(TEQUIP I fund)
MANIT - 220 Crore in 2011 to 2016(Plan fund)

MHRD project on development of Mechatronics lab., 1997 - 10 lakhs

“ research project on CEMOS, 2000 - 10 lakhs

“ Project on development of dynamics lab., 2002 - 10 lakhs

“ on development of CNC machine shop, 2005 - 10 lakhs

Language known : English, Hindi, Malayalam, Tamil, Kannada, German

Laboratory developed : Metrology laboratory - 1984

CAD/CAM laboratory - 1989

Mechatronics laboratory - 1997

Dynamics laboratory - 2002

CNC machine shop - 2005

Specialization : Instrumentation and Control engineering, MEMS, CAD/CAM, Robotics, Metrology, Mechatronic

Countries visited : Germany, Dubai, Abu-dabi, Singapore.

Number of conference/ seminar and short term courses organized: 11 Nos

Chairman, National conference on Knowledge, Knowledge banks and Information net working, 2010

Organizing secretary, International conference on Frontiers in Mechanical Engineering, 2010

Coordinator, AICTE-ISTE STTP on MEMS and Mechatronics 2004

Coordinator, AICTE-ISTE STTP on Robotics and automation, 2003

Vice Chairman, xvii IC Engine and combustion conference, 2002

Core Member, International conference on Heat and Mass Transfer, 1997

Patron as Director of NIT, Bhopal organized 182 seminars, workshops and conferences..

Conducted five convocation at NIT, Bhopal

Number of conference/seminar and short term

courses attended : 25 nos

Special lecture delivered : 89 nos

Social activities :

President, Rotary Club, Surathkal, 1994-95. Received 11 awards for community service and citation award from RI President, USA ,1995. Paul Haris Fellow, Organized number of intercity cultural and sports programmes Rotary district 3180.

Awards :

Life time achievement award as best teacher at KREC/NITK, Surathkal Presented by Alumni and students on the occasion of Golden Jubilee celebration, 2010

Best Citizen of India, International Publishing House, London, 2009

Shikshak Ratna Puruskar, India International Friendship Society, New Delhi, 2008

Bala Sahayoga Award, India International Friendship Society, New Delhi 2002.

MS Thacker memorial lecture award, Institute of Engineers, India, on the occasion of 31st National convention, Madhaya Pradesh.