Name and designation

Dr.K.R.Suresh Nair, Chief Technology Officer

Address with Phone and Email

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www.nestgroup.net

Bio-data, Publications and Patents

Dr.Suresh Nair is currently the Chief Technology Officer (CTO), NeST Group, heading the R&D activities including product development. Dr.Suresh is a Gold medalist in M.Tech Micro Electronics with 1st Rank and Ph.D from Indian Institute of Technology, Bombay. He started his career at Tata Institute of Fundamental Research, and later on, was heading the Optoelectronics Group at SAMEER, Ministry of Information Technology, Govt of India. He was instrumental in setting up a Design and Engineering Centre for Integrated Optics at SAMEER

with many “first time” planar lightwave communication products in the country. Dr.Suresh’s expertise in RF&Microwaves and Computer simulations has made him to be the key design member of Indian MST Radar, installed at Tirupati. Dr.Suresh led the NeST team in developing and commercializing various products

Recipient of IETE CEOT award for outstanding contribution in Optoelectronics.
Recipient of Baliga Award for outstanding contributions in Electronics in R&D and industry.
Research Council member of CGCRI, CSIR, Govt of India.
Working Group and Steering committee member in various committees of Ministry of Information Technology , Govt of India.
Member, Board of Studies, Cochin University of Science and Technology

- Member IEEE
- Fellow OSI
- Fellow IETE.
- Executive Council member of Optical Society of India
- 85 Papers , 120 Technical Reports and a few patents to his credit, Co-authored a book.

Areas of interest

Optical Communication systems, Planar Lightwave Circuits, Optical Bio medical and security systems.

Major facilities available in lab

Test and measurement equipments for data upto 10Gbps.

Optical simulation software: Optiwave, Zemax

Polishing machines, Splicing machines, Beam profiler, OSAs, OTDR, EFDR

Clean room, Precision alignment equipments, Laser weld systems

Project training facilities available to outside persons and persons to be contacted with email

Two M.Tech Photonics students taken per year as project trainees.