



Area(s) Of Interest : Smart sensors , Instrumentation , Control Systems.

| Educational Qualifications | Year | Board/Institution | CGPA*/ % |
|---|-------------|--|---------------------|
| Postgraduate (Ist Year IInd Semester) (Electrical Engineering) | 2009 | Indian Institute of Technology Roorkee | 9.160 |
| Undergraduate Overall (Electronic Instrumentation & Control) | 2007 | University of Calicut | 73.120 |
| Twelfth Class | 2003 | Kerala State Board of Higher Secondary Examination | 90.330 |
| Tenth Class | 2001 | Board of Public Examination, Kerala | 95.330 |

*GPA on a scale of 10

INTERNSHIP

The Fertilizers and Chemicals Travancore Ltd, Cochin

In-plant training (6th April 2005 - 6th May 2005)

The training gave exposure to preventive as well as break down maintenance of Control&Instrumentation Systems of Petrochemical Complex, manufacturing Caprolactum. Also gained training in the area of Calibration & Maintenance of various sensors/transmitters, Control valves , PLC's, DCS etc

PROJECTS

Indian Institute of Technology Roorkee

Smart Homes for Elderly (July 2009 -June 2010)

Smart homes are viewed as controller-based systems, gathering information from a variety of sensors, and using embedded intelligent agent techniques to determine appropriate control actions, thus creating an integrated and semi-autonomous building control system. Such a Smart Home satisfies the safety, security and comfort needs of occupants (elderly people) enabling them to lead independent lives in their own homes.

Indian Institute of Technology Roorkee

TEDS Reader and Writer (September 2009 - October 2009)

A generalised TEDS Reader/Writer was developed. It includes a bus master on FPGA for generating control and timing signals for one-wire operation.

Calicut University

Pipe Climbing Robot (January 2007-June 2007)

Developed an autonomous wheeled robot which is in fact a general purpose robotic kit. It has been programmed in 8951 μ c so as to move in horizontal plane as well as along the periphery of a pipe (3/4 inch dia).

SKILLS AND ACHIEVEMENTS

Computer Languages:

C, ALP language for 8951 and 8086.

Software Packages:

Matlab

Academic Achievements:

State level rank holder in 10th std. Public examination (2001)

,Participated in the Scheme for Promotion of Excellence Among Gifted Children conducted by General Education Department(Govt. of Kerala) during 1998-2000, Won 32nd Rank in the Science Aptitude Test(SAT) conducted in the month of Feb 99 at State level.

Languages Known:

English (S/R/W); German (S/R/W); Hindi (S/R/W); Malayalam (S/R/W); Sanskrit (S/R/W);

EXTRA CURRICULARS

Study Group Meeting on Industrial Problems , Dept. of Mathematics IIT Roorkee (2009)
Participated in Cultural programmes(group dance).

The Art of Living (2008)

Successfully completed Youth Empowerment and Skills workshop(YES!+).

OISCA-International (2002)

Participated in the International Conference on BIO DIVERSITY & ENVIRONMENT, supported by Ministry of Environment & Forests, Govt. of India

Nature Camp (Kerala Forest & Wildlife Department) (2002)

Actively participated in 2day nature camp held at Muthanga, Kerala.

School Youth Festival (2002)

Secured first prize for Essay writing - English, Sanskrit recitation, Elocution - English, Elocution - Malayalam, Aksharaslogam.

OISCA - International (2000)

Successfully completed Social Awareness and Leadership Training Course with A+ grade

Kerala State Schools Youth Festival (1999)

Participated in Drama Competition in the State Schools Sanskrit Festival and secured A grade.

Kerala State Level National Children's Science Congress (1998)

Presented a science project report on 'Medicinal Plants' coming under the general theme:"Nature,Let us Conserve-Share-Care".

Kozhikode Revenue District Schools Sanskrit Festival (1996)

Secured first prize in Aksharaslokam and Group Song.

PERSONAL DETAILS

Fathers name : K SANKARAN NAMBOOTHIRI **Date of Birth :** 05-10-1985

Gender : Female

Category : General

Permanent Address : "TATTWAMASI",PUTHOOR AMBALANADA, (PO)PUTHIYANGADI
KOZHIKKODE KOZHIKKODE 673021

Present Address : G 57 Sarojini Bhawan

Permanent Phone No : 04952460505

Phone No : 09760522006

REFERENCES

Dr. H. K. Verma
Deputy Director and Professor of Electrical
Engineering
Indian Institute of Technology Roorkee
hkvfee@iitr.ernet.in
+91-1332-285221

Mr.G.Venugopal
Snr Lecturer,I & C Dept
NSS College of Engineering , Palakkad
venugopal@gmail.com
09447582355