

Number of faculty and their profiles.

Profile I: Professor GMK Sarma

Retired professor in Metallurgical Engineering, Banarus Hindu University, Varanasi-5

Education: Sri Venkateswara University, Indian Institute of Science, Bangalore and Banarus Hindu University, Varanasi.

Lecturer in Department of Metallurgical Engineering, BHU in 1964 and served there till 2003.

He went to Germany on a German academic Exchange (DAAD) Research Scholarship.

He deputed by BHU, Varanasi to undergo training in Electron Microscopes at the Japan electron Optics Ltd., Japan.

Profile II: Deputy Director L. Singotamu

Retired as Director in Pathology Division, National Institute of Nutrition, Hyderabad- 500 007

Education: B.Sc & M.Sc in Osmania University, Hyderabad, Ph.D. (Ultrastructural Biology of Sporozoa) in University, Delhi.

Research Experience:

Worked as a Senior Research Fellow in ICMR scheme, Ultrastructural Fluorosis at All India Institute of Medical Sciences, 1979-80.

Worked as a Research Associate at Institute of Cytology and Preventive Oncology - on Scanning Electron Microscope studies on human cervical dysplasia: from 1980-1983 and initiated the ultrastructure unit set up.

Appointed as a Research Officer at Institute of Cytology and Preventive Oncology, from August 1983 to November 1983, ICMR, New Delhi.

Appointed to setup Electron Microscope Laboratory as a Senior Research Officer and Head of the Department of Electron Microscope Laboratory, National Institute of Cholera and Enteric diseases (ICMR) Beliaghata, Calcutta, from November 1983-January, 1985.

Transferred to National Institute of Nutrition (ICMR), Hyderabad to establish the Ultrastructure unit in the year 1985. Worked as a Senior Research Officer - At NIN (ICMR), Hyderabad from 1985-1991.

Promoted as a Asst. Director and in-charge of Ultrastructure unit of Pathology Division, at NIN (ICMR), Hyderabad from 1992- 1996.

Promoted as a Deputy Director and Head of the Ultrastructure unit in the year 1996.

Promoted as Sr. Grade Deputy Director from November 2001 and Head of Ultrastructure unit.

HONOURS & AWARDS

1. I have been elected as a **fellow of Royal Microscopical Society** Oxford in the year 1982.
2. French Govt. awarded to me a **special fellowship for advance training in Electron Microscopy in France** for three months in the year 1983.
3. Indian National Science Academy awarded me **Young Scientist Travel grant** to go to France for advance training in the Electron Microscope. 1983.
4. I have been nominated by Ministry of Health and Family Welfare Govt. of India to participate in the **WHO work conducted at Rangoon, Burma** in the year 1983 on "Immuno Electron Microscopy". 1983.
5. **CSIR Best poster award** presented me in 36th Annual Meeting of NSI-2004 at Mysore.
6. **Rashtriya Rattan Award & Certificate of Medical Excellence** presented by International Study Circle, New Delhi on 13th February 2006.
7. **Rajiv Gandhi Medical Excellence Award and Gold Medal** presented by International Study Circle, New Delhi on 28th August 2006

Foreign visits

1. PARTICIPATED IN THE POST DOCTORAL TRAINING ON MALARIA & IMMUNOELECTRON MICROSCOPE STUDIES. AT POITERS FRANCE FROM AUGUST-OCTOBER, 1983.
2. PARTICIPATED IN THE WHO WORKSHOP HELD AT RANGOON, BURMA IN DECEMBER, 1983.
3. PARTICIPATED IN THE 10TH ANNUAL INTERNATIONAL MEETING ON SCANNING 1998 TO U.S.A. FROM 1998-05-09 TO 1998-05-12.
4. PARTICIPATED IN THE SCANNING 1999, U.S.A. FROM 1999-04-11 TO 1999-04-14.
5. PARTICIPATED IN THE "SCANNING 2000", U.S.A. FROM 2000-05-09 TO 2000-05-12
6. PARTICIPATED IN THE MEETING OF SCANNING 2001, U.S.A. FROM 2001-05-05 TO 2001-05-07
7. PARTICIPATED IN THE MEETING OF SCANNING 2004, USA FROM 27TH TO 29 APRIL 2004.

Profile III: K. Krishna Rao

Working as Director-Sales in Forevision Instruments, Hyderabad
Present address:

Education: A postgraduate with Masters Degree in Physics

Teacher and Junior Lecturer for about 4years later adopted sales line.

Working on marketing of AFM Products for the last 6 years and have the credit of selling >50 AFM systems for the last 6 years.

He deputed by Forevision Instruments, Hyderabad to undergo training in Atomic Force Microscopes at Park Systems, Korea.

Profile IV: V B Prasad

Working as Sr. Service Manager in Forevision Instruments, Hyderabad

Education:

Diploma in Mechanical Engineering, Govt. Polytechnic, Srikakulam, Andhra Pradesh, State Board of Technical Education Andhra Pradesh

Work Experience:

- Worked with Titan Industries Ltd., for 12 years, joined fresh as Service Officer in Customer Service dept, and left the organization as Asst Service Manager in year 2002.
- Working with Forevision Instruments since Aug 2002, joined as Asst manager – Customer support.

Exposure and experience in Electron Microscopy:

Product trainings:

- Trained by Hitachi Japan - on Scanning Electron Microscopes, Field Emission SEMs, and Transmission Electron Microscopes.
- Trained by in Thermo Japan on EDS systems
- Trained by Horiba, Japan on EDS Systems

Others:

Conversant with Electron Back Scatter diffraction (EBSD), E beam Lithography, and other Electron Beam & sample preparation techniques.

Installations and service:

Installed over 35 systems - SEM/EDS/TEM/FE-SEMs put together.

Profile V: P.V.PATIL-Director Service

B.E (Electronics & Communications) Bangalore University 1987.

Worked in M/S Toshniwal Bros (SR) Pvt Ltd Bangalore from 1988 to 1998 as Service Engineer upto Product Manager.

Handled (Installation, Commissioning and Maintenance)

SEMS, TEMS, XRD (JEOL)

EDS (OXFORD)

Uv-Vis Spectrometers, AAS, GCs, Thermal Analysers, FT-IR Spectrometers ETC

Undergone training with JEOL & OXFORD

Working in M/S Forevision Instruments since 1998

Handling (Installation, Commissioning and Maintenance)

SEMS, TEMS, FESEMS, (HITACHI)

EDS (HORIBA AND THERMO)

AFMS- DIGITAL INSTRUMENTS (VEECO) upto 2008 and now

(PARK SYSTEMS)

EDXRF (HORIBA)

Undergone training with HITACHI, HORIBA, THERMO, DIGITAL INSTRUMENTS, PARK SYSTEMS

Profile V: S. Prathap Augustine

Working as Application / Service Engineer in Forevision Instruments, Hyderabad

Education:

- M.Sc in Physics and M.Tech in Nanotechnology

Work Experience:

- Working as a Research Analyst in Jawaharlal Nehru Centre for Advanced Scientific Research, Bangalore sponsored by YashNanotech for one Year.
- Working with Forevision Instruments since Jan 2010, joined as Application/Service Engineer

Exposure and experience:

- Designed and fabricated an innovative high precision nano scale probing device for nano materials.
- Handling AFM for last three years.
- Installation and service on all AFM modules.
- Sample analysis by AFM and SEM.