

Prof. A.O.Surendranathan will be superannuating on 31st October 2019 after serving NITK for a period of 35 years. He will be felicitated during the seminar programme.

About Prof. A.O.Surendranathan



Prof. A.O. Surendranathan

Dr. A. O. Surendranathan was born in the year 1954 in Kerala State. He had education until postgraduate degree in Kerala only. He graduated in Science in the year 1975 with a first class. Later he joined Bhabha Atomic Research Centre (BARC) in the year 1976 as Scientific Assistant. During his tenure in BARC, he completed AMIE in Metallurgical Engineering securing the Gold Medal of the Institution of Engineers (India) given to the first rank holders. After serving for 6 ½ years by which time he had become Scientific Officer there, he joined the Indian Institute of Science to do ME degree in Metallurgy. After completing ME in first class, he joined the Central Electrochemical Research Institute (CECRI), Karaikudi as Senior Research Fellow. After working for one year, he secured the job of a Lecturer in the Metallurgical Engineering Department of the erstwhile Karnataka Regional Engineering College. He obtained his Ph. D. degree in the year 1994. Now, he is superannuating as a Professor (HAG). He has worked as an Associate Professor in the Defence University College, Ethiopia during 2000-2002. He was awarded two months' Summer Research Fellowship by Indian Academy of Sciences in BARC, Trombay during May-July 1999. He had undertaken two months' training in Eicher Tractors Engineering Centre, Ballabgarh, Haryana. He has published a book titled, "An Introduction to Ceramics & Refractories". He is credited with 157 technical papers published/presented. He has won 55 numbers of Medals/Awards/ Prizes /Honours. He has taught 40 numbers of theory courses to Advanced Diploma, UG, PG & Ph.D. students. He has handled 16 numbers of laboratory courses. He has guided a total of

111 Advanced Diploma, Undergraduate, Postgraduate, Ph.D. and Summer Internship Projects. He has successfully completed 6 Sponsored Projects. He has organized 26 Seminars/ Workshops/ Conferences and Training/ Programmes. He has delivered 79 Guest Lectures. He has completed 22 Consultancy & Testing Works. He is a Member of 12 Professional Bodies. He has made several academic visits to foreign countries.

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(i)	Silver Sponsorship	Rs 5000/-	Free Registration for one participant.
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- i. Space will be provided to Diamond Sponsors to exhibit their products at the seminar venue.
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Filled up application form along with the payment should reach the coordinator of the seminar –

Dr. K.N. Prabhu, Professor, Department of Metallurgical and Materials Engineering, NITK, Surathkal, Mangalore 575025 latest by 30-09-2019. The detailed programme will be mailed to all the registered delegates by 15th October 2019.

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NATIONAL SEMINAR

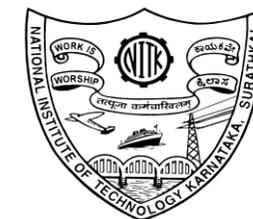
on

Frontiers in Materials



29-30th October, 2019

Organized by



Department of Metallurgical and Materials Engineering

**National Institute of Technology, Karnataka
Surathkal, P.O. Srinivasnagar
Mangalore, 575025**

National Seminar on
Frontiers in Materials
29-30th October, 2019

Registration Form

Name:

Designation:

Affiliation

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Place:

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NITK Surathkal

Since its inception in 1960, the National Institute of Technology, Karnataka (NITK), Surathkal has established itself as a premier Institution engaged in imparting quality technological education and providing support to research and development activities. NITK has conferred the status of an Institution of National Importance vide NIT Act No.29 of 2007 by Govt. of India and is consistently ranked as one of the top ten technical institutions in India. Presently, NITK offers 9 Bachelors, 28 Masters and Doctoral Degree programs. The institute is located 22 kilometers north of Mangalore City along the Kanyakumari-Mumbai National Highway-66, amid 300 acres of sylvan surrounding with the picturesque Western Ghats on the east and sun-kissed sands of the Arabian Sea to the west. It is easily accessible from all parts of the country and is well connected through air, rail, road and sea. The climate during the month of October will be very pleasant with moderate rainfall. The daytime temperature will be around 28°C.

Department of Metallurgical & Materials Engineering

The Department of Metallurgical and Materials Engineering, one of the oldest Departments at National Institute of Technology, was established in the year 1965 with an objective to impart education and training in Metallurgical & Materials Engineering. The Department owes a lot to the vision of its founder Head, Prof. T. Ramchandran. The Department offers one UG program, three PG programs, master's by research, and PhD. Students are given intensive training in conventional metallurgy, involving both practical and theory. Starting with basic subjects, students are taught application oriented courses. The curriculum includes advanced topics in Metallurgy and Materials Engineering. Apart from undergoing industrial training, students are required to carry out the project work as part of their curriculum. Our alumni are employed in various fields, such as industries, academia, R&D institutes, government and public sector organizations. The department has been active in carrying out funded R&D projects and many facilities for research have been added in recent years.

About the Seminar

Materials are extensively used in engineering because of their special combination of mechanical and physical properties. They form the backbone of automobile, agriculture, mining, construction and communication industries. Material science deals with the understanding of different types of materials, their structure and the relationship that exists between the structural elements of materials and their properties whereas Materials Engineering applies the principles of science and engineering to the development, production and use of metallic, ceramic, plastic and composite materials. Understanding the relationship between processing, structure and properties enables materials to be engineered for specific end use requirements. Materials sector plays a major role in India's economy. The present seminar looks at the latest advancement in the area of materials.

Tentative Speakers

1. *Dr. B.C. Pai, NIIST, Trivandrum*
2. *Prof. S. Ranganathan, IISc, Bengaluru*
3. *Prof. V.S. Raja, IIT, Bombay*
4. *Dr. Sukumar Roy, BHEL Bengaluru*
5. *Prof. Suresh Varadarajan, IIT Tirupati*
6. *Prof. Santosh Hosmani, IIT Indore*
7. *Prof. Sreeram, K. Kalpathy, IIT Madras*
8. *Dr. R.R. Bhat, HAL, Bengaluru*

Registration

The registration fee is **Rs. 1500/- per delegate**. The registration fee includes delegate kit, lunch, high tea and banquet dinner on the day of the seminar. Limited Accommodation is available at an extra cost in the Institute Guest House. The payment shall be made by crossed demand draft in favour of "**THE DIRECTOR NITK**" payable at State Bank of India, NITK Campus, Surathkal Mangalore (**IFSC Code: SBIN0002273**). The last date for registration is **30.09.2019**.