

Prof. Airody Vasudeva Adhikari, Professor (HAG), Dept. of Chemistry, NITK will be superannuating on 30th September 2019 after serving NITK for 30 years. He will be felicitated during the workshop.

About Prof. A V Adhikari

Prof. A V Adhikari was born on 9th October 1954 at Airody village of Udupi taluk. He did his B.Sc. in MGM College, Udupi (1974), completed M.Sc (Chemistry) in Manasa Gangotri, Mysore University (1976) and obtained Ph.D. (Organic Chemistry) from Karnatak University, Dharwad (1987). Prof. Adhikari started his teaching career in 1976 and worked as faculty in Chemistry for 12 years at various Colleges before joining NITK (KREC) in 1989. He did his service in NITK (KREC) as Lecturer (5 yrs), Senior Lecturer (4 yrs), Assistant Professor (8 yrs), Professor (12 yrs) and Professor-HAG (1.5 yrs) in Chemistry Department. He has served the NITK in various capacities including as Head of the Department of Chemistry for a period of 3 years (2008-2011). He has contributed significantly towards teaching as well as research in Chemistry. He has guided 17 Ph.D. students (plus 7 ongoing), 25 M.Sc., 02 M.Tech. and 17 B.Tech. projects, mostly in the area of Material Synthesis for specified applications like Solar Cells, LEDs, NLO and Medicinal field. He has successfully completed seven research projects as PI/Co-PI and has been instrumental in procuring SCXRD facility (Rs. 148 lakhs) in the Department. To his credit, there are 133 publications in peer-reviewed international/national journals with average impact factor of 1.65 and 84 conference papers including one book chapter. As of today, his *h-index* and *i-10 index* are 29 and 67, respectively. He is an active member of several professional bodies and has collaborative research activities with national/international Universities. He has organized several programs such as Conferences, Workshops, STTP and GIAN courses in the Institute and has delivered many invited lectures. He is an active reviewer for multiple research journals and his students have bagged best paper presentation awards in conferences several times. He is the recipient of prestigious ICC (Indian Council of Chemists) award for his outstanding contribution towards research. He has actively participated as a member in various committees such as DUGC, DPGC, DRPC, DTAC, DAAB, UG & PG Curriculum revision boards etc. at Department/Institute level. He served as external senate member in NITs and panel member of Ph.D. evaluation/faculty selection in NITs/Universities. He has visited San Francisco, Los Angeles, Columbus, Paris, Brussels, Bali, Osaka and Dubai for research paper presentations / interactions.



National Workshop on Recent Advances in Material Chemistry (RAMC)

Registration Form

Name :

Designation :

Affiliation :

Email :

Mobile :

Signature of HOD/Guide :
(For students/research scholars)

Signature with date

NITK DIAMOND JUBILEE YEAR

National Workshop on Recent Advances in Material Chemistry (RAMC)



26th September 2019

Organized by



Department of Chemistry
National Institute of Technology Karnataka (NITK)
Surathkal, P.O. Srinivasnagar, 575025, DK.

About the workshop

In the area of improvement and revolution in different streams of material science, the material chemistry field has got a separate spot. It is an emerging and challenging field to study and acquire the knowledge of materials which are complex to be understood. Recent theoretical and experimental studies in the field of materials chemistry resulted in the emergence of various nanomaterials, biomaterials, electronic, optical, magnetic materials, piezoelectric materials, ceramics, glasses, polymers, metal alloys, smart materials, semiconductor materials etc which led to the development in diverse areas of materials technology. The present instantly modifying world is witnessing various inventions on materials related to mainly transport, shelter, communication and renewable fuels. As the interest for economical materials is expanding in all floods of innovation with non-sustainable materials exhausting, the advancements in material chemistry assumes a critical job in everyday life. With the exponential development, it is important that improvement of new materials is essential. The research in these fields has an exponential growth throughout India and the potential of its manifestation has been observed by workshops, symposium and conferences. In fact, the workshops on material chemistry provide common platforms for researchers to plan and accelerate their research activities through interactions with renowned scientists/academicians under one roof. It is expected that the deliberations would motivate the students, faculties and academicians to show more interest towards research in these areas. The main objective behind organizing this workshop is to bring some of the eminent researchers, industrialists, chemical analysts, material chemists, and material scientists on the same platform where they all can contribute together towards a new arena of material chemistry evolution. So, the researchers from Industries, Universities and Research Institutions would share and exchange their experiences, ideas and knowledge in the area of material chemistry. This enlightens the participants with the advanced developments in thrust areas of materials chemistry. The workshop is expected to provide an excellent opportunity to all the participating researchers for sharing their new experimental results and participating in scientific

discussion/debate in the area of their interest.

Invited Speakers

Prof. K. Balaveera Reddy, Chairman, BOG, NITK

Prof. M. S. Balakrishna, IIT, Mumbai

Prof. Satish Patil, IISc, Bangalore

Prof. Ch.Subrahmanyam, Dean (Academic), IIT, Hyderabad

Registration

Interested participants (UG/PG students/Research Scholars/Faculty/Scientists) are required to register for the workshop on or before 23 September 2019 by sending the filled registration form to the workshop convener. **No registration fee.**

About NITK Surathkal

(website: www.nitk.ac.in)

National Institute of Technology Karnataka (NITK), Surathkal, is a premier Technical Institution engaged in imparting quality education in Engineering, Sciences, and Management and providing a strong support to Research & Development activities. It was founded in 1960 as KREC (Karnataka Reg. Engg. College) while today, it is one of the 31 NITs in India, fully funded by MHRD and is recognized as an Institute of National Importance. Over the years, NITK with its impressive infrastructure as well as state of art facilities, has carved out a niche for itself amongst the best technical Institutes in India. Consequently, it has been consistently ranked among the top technical institutions in the country, as per the survey made by leading agencies. At present, the Institute offers 9 B.Tech. courses, 29 post-graduation courses and doctoral programmes in all its 14 departments and is making significant advances in research as well outreach activities. NITK lies on the coastal belt of Karnataka, touching the NH 66, at about 22 km away from Mangalore city towards Udupi, i.e. Surathkal and well-connected through all modes of transport. It has its own Beach and at present, its student strength crosses 6,000.

About Department of Chemistry

The Department of Chemistry, established in 1960, has grown with reputation as a centre of academic and research activities. It offers academic programs leading to M.Sc. in

Chemistry and Ph.D. in different areas of Chemistry, as well caters basic science courses in Chemistry to all B.Tech. programs. Its active involvement in the research activities is well evident from the large number of research articles published in peer reviewed journals, doctoral degrees awarded, research projects undertaken from external funding agencies and national and international conferences / workshops /short term programs organized/ attended. Well-established laboratories with sophisticated and state of art instrumental facilities, highly qualified faculty and dedicated staff provide an ideal environment for the teaching-learning process and advanced research activities. Major research areas include Catalysis, Coordination Chemistry, Corrosion Science, Drug Discovery, Electrochemistry, Functional Materials, Green Chemistry, Liquid Crystals, Membrane Technology, Nanomaterials, Organic Electronics, Photo-Chemistry, High Polymers, Super-capacitors, Sensors, Computational Chemistry etc. All faculty members have established active research collaboration within India as well as with abroad universities/research organizations.

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Local Organizing Committee

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