

**UGC SPONSORED TWODAY NATIONAL SEMINAR ON "ADVANCES IN CHEMICAL SCIENCES"
ORGANIZED BY THE DEPARTMENTS OF PG & UG CHEMISTRY ON 18TH & 19TH SEPTEMBER 2015
IN COLLABORATION WITH A.P. ACADEMY OF SCIENCES**



Presenting a bouquet to Dr. P. Krishna Murthy, Principal, KBN College



Presenting a bouquet to K.R.S. Sambasiva Rao, Secretary, AP Academy of Sciences



Presenting a bouquet to M.V. Basaveswara Rao, Special Officer, KU



Presenting a bouquet to Sri. U. Sambasiva Rao, President, KBN College



Presenting a bouquet to Prof. Y. Narasimha Rao, PG Director



Presenting a bouquet to S.V.S. M. Razith Kumar, Secretary & Correspondent



Presenting a bouquet to S. Rama Rao KBN College, Committee member



Presenting a bouquet to P. Bheema Rao KBN College, Committee member



Prayer song by Students



Lightening the lamp by Delegates



Presidential speech by Dr. P. Krishna Murthy



Speech by Sri. U. Sambasiva Rao, President



Speech by SVSM Razith Kumar



Theme of the seminar by Dr. G. Krishna Veni,
Convener



Speech by Prof. Y. Narasimha Rao, PG Director



Speech by Prof. M.V. Basaveswara Rao, Special Officer, KU



Speech by P. Bheema Rao, KBN College, Committee member



Release of Souvenir



Interacting with press - Prof. M.V. Basaveswara Rao & K.R.S. Sambasiva Rao



Staff & Students at the seminar

Technical Session on 18th Sep 2015



Invited talk by Dr. R. Venkat Nath, GITAM University, Bangalore



Invited talk by Dr. P. Nani Babu, Centre of Nano Science, Bangalore



Invited talk by Dr. M. Krishna Murthy, M.Sc., Ph.D, F.I.C, Varsity Education Management Pvt. Ltd



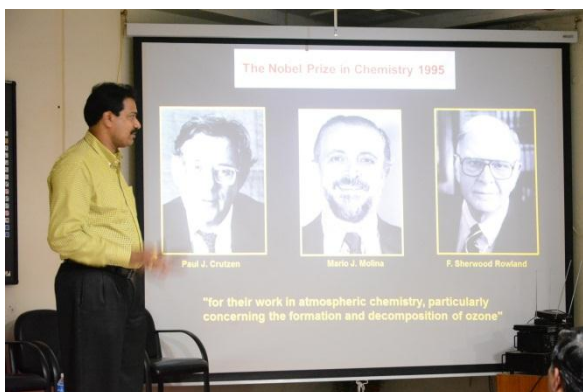
Felicitation to the invited Speakers by Dr. P. B. Sandhya Sri, Dept of Physics KBNC



Technical Session on 19th Sep 2015



Invited talk by Prof G. Nageswara Rao Dept of Analytical inorganic Chemistry, Andhra University



Invited talk by Dr. B. Rajkumar Asst. Prof, IIT, Chennai



Invited talk by Dr. K. Suresh Babu, Scientist, IICT, Hyderabad



Resource persons & Participants at the seminar

Valedictory Session on 19th Sep, 2015



Presenting a bouquet to Principal Dr. P. Krishna Murthy & President Sri. U. Sambasiva Rao



Presenting a bouquet to Sri. P. Bheema Rao
College Committee member

Presenting a bouquet to Dr. Y. Narasimha Rao,
PG Director



Presenting a bouquet to Sri. T. Bhagya Kumar,
Jr. College Principal

Presenting a bouquet to Dr. G. Krishna Veni, HOD
PG Chemistry & Convenor



Prayer by Students



Valedictory address by Dr. K. Suresh Babu, Scientist, ICT, Hyderabad



Valedictory speech by Sri. P. Bheema Rao
College Committee member



Report of the Seminar by Dr. G. Krishnaveni,
Convener of the Seminar



Feedback by the Lecturers

Presentation of Certificates to the Participants





Vote of thanks by Sri. T. Bhagya Kumar, HOD UG Chemistry



Delegates & Faculty of the Seminar

Report of the Seminar:

Department of Chemistry organised a UGC Sponsored Two-day National seminar “Advances in Chemical Science” (NSACS-2015) on 18-19 September 2015 in collaboration with Krishna university & A.P. Akademi Of Sciences. Seminar was inaugurated by the chief guest Prof. KR.S. Sambasiva Rao Secretary, A.P. Akademi of Sciences. In that inaugural session he enlightened the participants by telling about the different opportunities that are available in the field of Chemistry. Nearly hundred papers are received from Academicians, Research Scholars & Students of various institutions and over 140 participants including Delegates, Research Scholars and students participated in this seminar.

After the inaugural session the Keynote address was given by Prof. M. V. Basaveswara Rao Special officer MRAR PG Centre Krishna University Nuzvid. In this keynote session he emphasised about the synthesis of several organic compounds which are medically important. Synthetic methods that allow rapid access to large number of diverse structural arrays is growing constantly, which served as a new driving force for the advancement of synthetic organic chemistry.

The first technical session after the lunch started at 2:15 P.M by a lead lecture given by Dr. R.Venkatnadh, GITHAM University, Bangalore. He gave an informative talk about the Solid Waste Management and Enzyme Catalytic Synthesis of Ethyl Alcohol Solvent from Fruit Waste.

The technical session -2 was started with an eminent lecture by Dr. P. Nanibabu, a research associate in Centre for Nano Science at Bangalore. He spoke about the Importance of Coupling reactions and Synthesis of different types of Esters by using Simple Coupling reagents. In this technical session 4 faculty members and 2 students presented their views through their research papers.

The 3rd technical session was started in the second day with an enlightened lecture by Prof. G. Nageswara Rao on the Recent Advances In Bio-Inorganic Chemistry. He talked about the role of enzymes having metal clusters and the classification of metal clusters based on number of metals per biomolecule and their importance in human body. After the tea break Dr. B. Rajakumar, IIT Madras had given a spell bounded and mesmerised talk on What We Can Do for Our Earth. He had given intellectual information about how the human beings are

spoiling the ecological balance by their luxurious life In addition to this the rapid industrialization the greenhouse gasses are released extensively into the Earth's atmosphere. Consequently, the chemical composition is influenced significantly in the recent decades. The ozone hole in the Antarctic is the Earth shattering adverse visible effect because of the "human activities" on the globe. The indirect but most trouble causing effect because of our activities is "global warning". and he also suggested some remedies which we can decrease global warming.

The pre valedictory technical session lead by Dr. K. Suresh Babu, IICT Hyderabad on Opportunities and Challenges in Natural Products Chemistry. , He explained that how the biologically activity based chemical characterization medicinal plants provide scientific explanation for their use in traditional medicines and also redesign and develop preparations for novel therapeutic applications. The opportunities in the development of these therapeutics, biologically activity based chemical characterization of these medicinal plants may provide scientific explanation for their use in traditional medicines and also redesign and develop preparations for novel therapeutic applications.

The opportunities in the development of this therapeutics from natural products were exemplified with suitable examples. Finally technical session are concluded with presentations given by Academicians, Research Scholars & Students.



