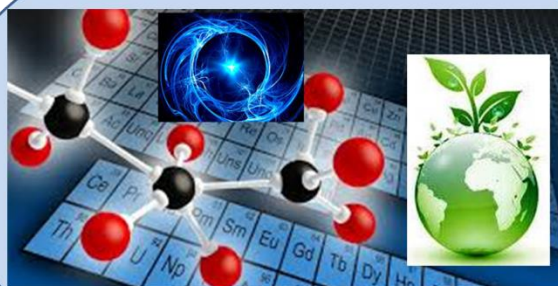


International Conference
on
Chemistry, Environment and Energy
(ICCEE-2019)
February 17-19, 2019

YCIS, Satara



ICCEE-2019

Organized by
Department of Chemistry
Yashavantrao Chavan Institute of Science, Satara
(Autonomous)
And
Chhatrapati Shivaji College, Satara
Maharashtra, India.

ABOUT THE SANSTHA

The Rayat Shikshan Sanstha Established in 1919 by a great visionary Late. Padmabhushan Dr. Karmveer Bhaurao Patil. The Rayat Shikshan Sanstha is one of the leading educational institutions in Asia and providing education to 4.5 lakh students through 675 branches spread over 15 district with a huge human resource of nearly 20,000 employees. The value of its contribution to education in general is enormously great as it has, from the very beginning, tried all its best to lay emphasis on the education of the down-trodden, the poor and the ignorant who really form the major bulk of society. On the occasion of centenary year of Rayat Shikshan Sanstha Yashwantrao Chavan Institute of Science organise this international conference in Chemistry. For additional information one can refer www.erayat.org.

ABOUT INSTITUTES:

Yashwantrao Chavan Institute of Science, Satara is an Autonomous college and as one of the leading institute of Maharashtra has been imparting quality education with a clear focus on achieving excellence in the field of teaching learning and research. Established in year 1919 by a great visionary Karmaveer Bhaurao Patil our parent institute the Rayat Shikshan Sanstha, Satara is gearing up to celebrate the centenary year in 2019. What started as a small hostel for boys is now one of the largest educational institution in the continent of Asia. Today the Sanstha caters to the needs of more than 5 Lakh students through a dedicated staff of about 18 thousand which look after 675 branches including PG departments, colleges, schools, hostels and offices.

Our institute Yashwantrao Chavan Institute of Science, Satara is largest science institute not only in the Sanstha but in the affiliating Shivaji University, Kolhapur. During last fifty years, the Institute has not only scaled academic heights but also made its impact felt at state and national level with A+ grade with CGPA 3.57 in third cycle accreditation by NAAC, Bangalore. It has also received the status of College with Potential for Excellence from UGC, Star Scheme by Department of Biotechnology, FIST by Department of Science and Technology, New Delhi, Best College Award for NSS Unit by Government of Maharashtra and Shivaji University, Kolhapur, Academic Excellence Award by Shivaji University, Kolhapur, Best College Award by Rayat Shikshan Sanstha, Satara.

At present, the Institute offers programs from 11th std to Ph.D. In addition to the traditional B.Sc. it runs several professional courses such as Animation Science, Forensic Science, Nano Science and Technology, Computer Science, Biotechnology, BCS, Food Processing and Packaging. Students also have the opportunity to pursue M.Sc. in Botany, Microbiology,

Zoology, Physics, Chemistry, Statistics, Mathematics, Electronics and Biotechnology. To prepare the students to face the global employability challenges, the Institute conducts thirty seven career oriented courses.

To achieve the holistic development of the students from diverse background, the Institute organizes co-curricular activities such as Avishkar research competition, Poster presentation and Extra-curricular activities through various activity groups such as Youth Festival, NCC, NSS, Parijatak, Competitive Examination Guidance Centre, Skill and Entrepreneurship Development Cell, Nature Club etc.

The dedicated faculty of the Institute always strives hard for the overall development of the students. The research achievements of the faculty have received national and international recognition.

ABOUT THE CONFERENCE:

It is a multi-disciplinary conference involving scientific and technological aspects of chemistry, environment and energy. Chemistry is important for life. It explains various aspects of life such as cooking, cleaning, medicine, energy, sustainable power etc. Chemistry is at the heart of environmental issues. Materials have a high impact on the specific properties which make them suitable for application where it is used. The world's energy economy is built upon a base of various materials. The sustainable energy economy is more critically depends on a wide variety of materials. The research and development of new materials and their properties enable scientist to develop energy technologies to power our economies and life styles. In view of these requirements, materials and their applications in energy are becoming important in the current global competition for industrial leadership and scientific community. Environmental Sciences provides an integrated, quantitative and interdisciplinary approach to study the environmental systems and find solutions to resolve the problems associated with it for sustainability. To explore the issues, innovations and integrated approaches towards environmental sustainability this conference provides a unique platform of eminent Professionals, Scientists, Researchers, Academicians, and Entrepreneurs across the globe to participate and share their research advancements and new technologies. This conference will also provide an ideal environment to develop new collaborations and meet experts on the fundamentals, applications, and products of the mentioned fields.

OBJECTIVES AND SCOPE

- ❖ To organize a gathering of the Scientists, research students to exchange the new ideas and research in the field of chemistry.
- ❖ To enlighten the scientists about new trends in chemical sciences for sustainable development.
- ❖ To create the awareness about the environmental hazards posed by responsible use of chemicals, pesticides, dyes and Nano materials.
- ❖ To find the solutions and prepare pathway of research towards green chemistry for green environment.

The leading experts give invited talk on the following subtopics:

Non-Chemical Interventions of Water Purification

Green Synthesis

Benign Batteries and Energy Storage Devices for 21st Century

Smart material Synthesis, Catalysis, Applications

Plant based Dyes for Green Synthesis

Nano-Materials for clean Chemistry and dark side of Nano-Materials

Phytochemicals for Green Synthesis

Non-polluting Fertilizers, Pesticides and Growth Promoters

Food and Fruit Processing and Packaging in Greener Way

Chemical Intervention in Bio-energy Production

Electronic devices

Drugs, Abuse Prevention and Processes

Macro Molecules

Chemistry and Diseases

Dark Perceptions of Industrialization

Cosmetic Chemistry

Theoretical and Computational Chemistry

CALL FOR THE PAPERS:

Insightful papers focusing on the theme of conference are invited. The interested participants are requested to submit the abstract (150-200 words) in MS word format, Times New Roman, Font

Size 12, as an E-mail attached to E-Mail: iccee18@gmail.com by January 25, 2019. The abstract should include title of the paper, Authors name, affiliation and postal address with email id.

Tentative programme for three days

Day 1- 17th February. – welcome of delegates and Guests - 4.00 pm onwards.

Day 2- 18th February – Inauguration, keynote address followed by Lunch. Three parallel post lunch sessions of the topics. Inauguration of Poster Presentation session.

Day 3-19th February – Morning session common to all . Second session and post lunch session will have paper presentations in the three main topics of the conference. This will be followed by Valedictory function .