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ACCOMMODATION

Accommodation will be provided to registered participants in the University vauners hostel on first come first served basis on payment of Rs. 100 per night on their request. Accommodation in hotels (at participants cost) can be arranged on request and advance payment. Amravati city has large number of hotels available with approximate tariff ranging from Rs. 1000 to Rs. 2000/- per person on a twin-sharing basis. The weather is usually hot in June with temperature ranging between 40-44°C.

REGISTRATION FEE

Registration fees and other charges are to be paid by online payment through NEFT/ RTGS transfer latest by 15th June, 2022.

Account No. : 60409234756

Bank : Bank of Maharashtra Mulla Sahu Bldg, Gadge Nagar, Opp Polytechnic College Shegaon, Amravati, 444003, District, Amravati.

Branch : Gadge Nagar IFSC Code : MAHB0000639

Registration Fee : Rs. 1600/- Students Delegates : Rs. 1100/-

Delegates from Industry : Rs. 2000/- Accompanying Person : Rs. 1300/-

All the delegates are requested to arrange registration fee from the respective Institution or on their own. On the availability of fund, sleeper class railway or bus fare will be provided to limited student participants who are actually presenting their papers in NCCTCS-2022. The registration fee includes Delegate Kit, Conference Proceedings, Breakfast, Lunch, Dinner, Tea etc.

WHO CAN PARTICIPATE IN THE CONFERENCE

The teachers, individual researchers, students, scientists and organizations (including corporate, industrialists, governmental, autonomous and NGOs) engaged in the research and innovative education in the field of Chemical Sciences.

ABOUT THE CITY

Amravati is known as "Rajwade Hara" by Lord Krishna. Today, the city is religiously well known for its Ambadevi Temple. Melghat (Tiger Project),

Muktalgi (a Jain holy place), Kaundanyapur (birth place of Rukmini) and Chikhaldara (hill station) which are located in a radius of about 80 km.

INFORMATION FOR TRAVEL

Amravati is 160 km from Nagpur and is well connected by road and train. Badnera is the nearest railway junction located on Bombay-Howrah Central railway line. The University campus is about 15 km away from Badnera railway station and is well linked by bus and auto services. Nearest airport is at Nagpur.

FORMAT FOR ABSTRACT

The abstract of the research paper not more than 300 words typed in MS Word, Times New Roman font as per the guidelines below:

Title : Font Size 14 points and line spacing 1.0

Author (s) : Size 12 points (underline presenting author's name)

Name of the institution / University / College : Font Size 11 Email : Font Size 10

Abstract : Font Size 12 points and line spacing 1.5

Abstract should be submitted online as per the above guideline along with registration fee. The abstract of the registered candidates only, will be considered for oral/ poster presentation.

Link for Registration : <https://forms.gle/3hkbNHILG7X1R149>

Email: convenerncctcs2022@gmail.com

ORAL & POSTER PRESENTATION

Fifteen minutes time will be given to each oral presenter. Presentation is to be made in MS Power Point and to be brought on a CD /USB memory stick. Standard audio Visual equipment and presentation facility will be provided to all oral presenters.

A space of 1x1 meter size will be provided for display of each poster. Posters should be legible for a view from a distance of 4 feet.

IMPORTANT DATES

Last date for abstract submission &

Registration fee (online) : 15th June, 2022

Notification of acceptance of abstract (online) : 20th June, 2022

- CONTACT PERSON -

Dr. J. M. Barabde

Prof. P. R. Mandlik

Convener, NCCTCS-2022

Organizing Secretary, NCCTCS-2022

Mob: 9422868648 / 9405321101

Mob: 9307259630 / 9890603165

Email : convenerncctcs2022@gmail.com

BRIEF RESUME OF PROFESSOR A. S. ASWAR

Dr. A. S. Aswar born on June 29, 1962 in middle class farmer family and presently working as Senior Professor & Head, Department of Chemistry, Sant Gadge Baba Amravati University. He obtained his M.Sc. degree in first class with third rank in order of merit in 1986 and Ph.D. degree in 1989 from Nagpur University, Nagpur. He joined as founder faculty in Chemistry Department, Amravati University (then) during December 1991 as lecturer and then successively become Reader and Professor of Chemistry during the year 2002 and 2007 respectively. He has guided 31 Ph.D.'s and 15 M.Phil. students and 3 more are working. His research interests are in coordination and solid state chemistry, catalysis, solvent extraction and molecular interactions. Dr. Aswar made a notable contribution in different areas of chemistry and published over 192 research papers in various national and international journals of repute and also authored of two text books for B.Sc.III. Dr. Aswar is a referee for several scientific journals in chemistry as well as for Ph.D. thesis of various Indian universities and has also worked on the panel of selection committee in various universities, research institutes and colleges.

He has completed major and minor research projects funded by UGC. He has organized more than 15 national conferences /workshops/seminars in various thrust areas of chemistry. He has delivered several lectures under teacher exchange programs at different places and in various conferences/seminars. Dr. Aswar is a fellow and life member of a number of professional societies. He is also holding good position in professional societies such as Indian Science Congress and worked as Sectional Recorder for chemical societies section for 106 and 107 Indian Science Congress; Indian Chemical Society, Kolkata working as council member, worked as associated editor, scientist-in-charge for Industrial and Applied Chemistry Section for a period of three year, working as Council Member, Association of Chemistry Teachers, Mumbai. Earlier also he availed the position of Sectional president of Inorganic Chemistry, ICC Conference held at Patan, 2009. He has also worked as panelist in the panel discussion on the "Global Challenge's -The role of Chemistry in giving their solutions on ICC Conference held at Bangkok June 2011. He has also visited to KAUST, Thuwar, Saudi Arabia as a visiting scientist in 2011. Dr. A. S. Aswar is working in the Department of Chemistry, SGBAU since 1991 and considering his significant contribution and services, Amravati University Honored him by Utkrushitha Seva Gaurav Puraskar during 1998.



Commemorating International Year of Basic Science for Sustainable Development

Commemorating Four Decade Celebration of University

Commemorating Bharat ka Amrut Mahotsav &

On the Eve of Superannuation of Professor A. S. Aswar



NATIONAL CONFERENCE ON

CURRENT TRENDS IN CHEMICAL SCIENCES

(NCCTCS - 2022)

June 28 & 29, 2022

Organized by

DEPARTMENT OF CHEMISTRY

Sant Gadge Baba Amravati University, Amravati

Amravati - 444 602 (Maharashtra)

(Re-Accredited with "A" Grade by NAAC)

In Collaboration with

THE ASSOCIATION OF CHEMISTRY TEACHERS (ACT)

C/o Homi Bhabha Center for

Science Education, (TIFR), Mumbai

&

INDIAN CHEMICAL SOCIETY

Acharya Prafulla Chandra Road,

Kolkata, West Bengal, India



- INVITATION -

The United Nations General Assembly adopted a resolution proclaiming 2022 as an international year of basic sciences for sustainable development. It gives us immense pleasure in sharing brochure of the National Conference on Current Trends in Chemical Sciences (NCCTCS-2022), on 28 & 29th June 2022 organised by alumni & research students of the Department of Chemistry. Further, this conference is also a part of celebration of completing glorious 40 years of establishment of SGB Amravati University, Commemorating Bharat ka Amrut Mahotsav and Superannuation of first head of the department Professor A. S. Aswar.

- ABOUT THE CONFERENCE -

Although the alchemists could not make gold, they discovered many new things in search of gold. Chemistry is a vast and versatile subject which overlaps with almost all areas of other disciplines such as biology, medicine, physics, engineering and biotechnology. It has led to the emergence of many novel sub areas of research and development. For instance nanochemistry and nanotechnology are off shoots of applied chemistry which are equally exploited in biology, agriculture and industry. The advances in chemical sciences help to make our lives safer and more efficient. It provides better quality of food grain, potable water and source of energy.

Advances in chemical sciences have always and will continue to provide safer solutions to many global issues that are currently impeding the world. Therefore, advances in chemical sciences will play a significant role for sustainable development. Thus, chemistry has enhanced the quality and comfort of life.

The main objective of the conference is to provide a platform to the chemistry researchers, scientists, teachers and organizations to present and discuss their noteworthy research work in the area of chemical sciences. Also, to associate several outstanding scientists from different corner of country for sharing their knowledge with young researchers. The expected outcome of the conference would be the young enriched minds ready to step towards the future chemistry.

- THEME OF THE CONFERENCE -

National Conference on Current Trends in Chemical Sciences

• Sub-Themes of the Conference

- Green Chemistry
- Novel Materials and Composites
- Coordination Chemistry/Physical Chemistry
- Analytical Chemistry/Environmental Chemistry
- Nano Chemistry/Material Science/Drug Discovery
- Medicinal Chemistry and Chemical Biology
- Renewable Sources of Energy
- Advances Catalytic Systems and their Applications
- Environmental Remediation Methodologies
- Synthetic Chemistry/Photochemistry
- Computational/Theoretical Chemistry
- Polymers and Phytochemistry

- ABOUT THE HOST UNIVERSITY -

The Sant Gadge Baba Amravati University is the second university in the Vidarbha region of Maharashtra, came into existence on 1st May, 1983 which also happens to be the auspicious Maharashtra Day and Labor's Day. Located in the lap of hills, in the sprawling 225 hectares of lush green land, the University caters to the needs of higher educational facilities of Western Vidarbha region of Maharashtra. At present there are 32 postgraduate departments in the campus and 382 affiliated colleges. The Department of Chemistry of this university was established in July, 1990 as a postgraduate teaching and research centre, with the major objective of promoting Post Graduate studies and research. The

department offers M.Sc. and Ph.D. programme in chemistry. The current research is being pursued in Green chemistry, heterocyclic chemistry, co-ordination chemistry, solid-state chemistry, catalysis, computational & theoretical chemistry, environmental chemistry, separation science under various research programmes and projects.

- ABOUT THE ASSOCIATION OF CHEMISTRY TEACHERS (ACT) -

The Association of Chemistry Teachers was launched in 2000 to serve as an apex national body of chemistry educators to promote excellence in chemistry education. The idea of formulating ACT was conceptualised by Homi Bhabha Centre for Science Education (TIFR) Mumbai. The Association brings together on a common platform higher secondary school teachers, college and university lecturers, professors, scientists and researchers from industry for organizing subject related activities. Since its inception, ACT has worked tirelessly to strengthen chemistry education in India and to motivate students to pursue chemistry as a career.

- ABOUT THE INDIAN CHEMICAL SOCIETY (ICS) -

The Indian Chemical Society, a premier scientific society of India, was founded in 1924, as national forum for the community of chemists and members of allied disciplines in the country. The driving force behind its establishment was the nationalistic spirit prevailing in India under British rule. J. N. Mukherjee, J. C. Ghosh and S. S. Bhatnagar establish a Chemical Society like the Chemical Society of London. Sir Prafulla Chandra Ray, the doyen of Indian Chemists, as the first President. Many of the distinguished personalities in the field of Chemical Society of that time in India took active interest in nurturing the new born society.

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