

Dr. M. P. Wadekar, Amravati
Dr. A. Y. Deshmukh, Karanja Lad
Mr. A. M. Manwar, Yeotmal
Dr. Y. K. Meshram, Khamgaon
Dr. S. P. Wagh, Akot
Dr. P. T. Agrawal, Akola
Dr. S. K. Doifode, Amravati
Dr. U. S. Khandekar, Amravati
Dr. S. P. Waghmare, Umerkhed
Dr. S. S. Aswale, Wani

Dr. P. R. Mandlik, Amravati
Prof. A. B. Patil, Pusad
Prof. G. N. Choudhari, Amravati
Prof. U. E. Choudhari, Warud
Dr. D. T. Tayade, Amravati
Dr. G. V. Korpe, Akola
Dr. J. R. Choudhari, Mangrulpir
Dr. P. S. Pande, Akola
Dr. S. R. Ingle, Buldhana
Dr. P. S. Bodkhe, Amravati

Local Organizing Committee

Dr. J.M.Barabde, Amravati
(Organizing Secretary)
Dr. R. D. Deshmukh, Badnera
Dr. A. B. Naik, Amravati

Dr. S. S. Patil, Amravati
Dr. M.M. Kodape, Amravati
Dr. S. D. Thakur, Badnera

Accommodation

Registered participants will be provided accommodation in the University valuers 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 night per person on a twin sharing basis. The weather is usually pleasant in October with temperature ranging between 25-30°C.

Registration fee

Registration fees and other charges are to be paid by online payment through RTGS transfer or DD of any Nationalized Bank by demand draft drawn in favour of "NCCT-2019 latest by 5th October, 2019.

Name of Account : NCCT-2019
Account Number : 60334278981
Name of Bank : Bank of Maharashtra
IFS Code : MAHB 0001331; **Branch Code**: 01331
Registration Fee:
ACT Members : Rs. 1300/-
Non ACT Members : Rs. 1500/-
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 NCCT-2019.

• The registration fee includes Delegate Kit, Conference Proceedings Breakfast, Lunch, Dinner and Tea etc.

Contact Person for booking Accommodation :

Dr. J.M.Barabde, Organizing Secretary, NCCT - 2019
Mobile No.: 9422868648 ; Email:jagrutibrbd575@gmail.com

ACT Awards

Following **ACT awards** will be given away during the **NCCT -2019**.

- ★ **Shri Anupama Sinha Best Chemistry Teacher Award**
- ★ **ACT Best Woman Chemistry Teacher Award**
- ★ **Dr. Uma Sai Prakash, Chemistry Popularization Award**
- ★ **Prof. Lallan Singh Award for Best P. G. Chemistry Teacher Award (State Universities)**
- ★ **Prof. Bhupendra Sahai Saxena, Award for Best P.G. Chem. Teacher**
- ★ **Prof. P.R. Singh, Award for Outstanding Contribution to Chemistry Education**
- ★ **Life-time Achievement Award** to Superannuated Teacher of the Central Zone
- ★ **THREE best oral presentations & THREE best poster presentations.**

Who Can participate in the Conference

The teacher, Individual researchers, 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 famous for legendary "Rukmini Haran" by Lord Krishna. Today, the city is religiously well known for its **Ambadevi Temple, Melghat** (Tiger Project), **Muktagiri** (a Jain holy place), **Kaundanyapur** (birth place of Rukmini) and **Chikhaldara** (hill station) which are located in a radius of about 80 km. **Ridhhapur** Popularly known as Kashi of Mahanubhava is located about 40 km from Amravati.

Information for Travel

Amravati is 160 km from Nagpur and is well connected by road and trains. Badnera is the nearest railway junction located on Bombay-Howarah 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.

Call for papers

Abstracts of original and unpublished work in the areas of the themes of the Conference are invited for oral/poster presentations.

Format for Abstract

The abstract of 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),

Email - Font Size 10'

Name of the Institution/ University/college - 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.

Abstracts, Registration Form and full papers should be sent to:

Email : ncct2019sgbau@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. All the authors of the selected abstracts will be required to submit full papers up to 6 pages (3000-4000 words) including table and references typed in Times New Roman Font Size 12 points and line spacing 1.5, before making their presentations. **Selected good quality Research papers may be published in the form of proceeding with ISBN number.**

IMPORTANT DATES

Last date for Abstract submission (online) : 5th October , 2019

Notification of Acceptance of paper (online) : 10th October , 2019

Submission Full Papers (online only) : 15th October , 2019

Contact Person

Prof. A. S. Aswar, Convener, NCCT-2019 &
Head, Department of Chemistry
Sant Gadge Baba Amravati University, Amravati-444602 (M.S.)
Email- ncct2019sgbau@gmail.com Mob: 9421790866/9637650791

For more Information about ACT please log on to;
www.associationofchemistryteachers.org



ASSOCIATION OF CHEMISTRY TEACHERS



Commemorating International Year of Periodic Table (IYPT)



NATIONAL CONFERENCE ON NEW DIMENSIONS IN CHEMISTRY & CHEMISTRY EDUCATION

and

NATIONAL CONVENTION OF CHEMISTRY TEACHERS (NCCT - 2019)

OCTOBER 21- 23, 2019

Hosted by

DEPARTMENT OF CHEMISTRY
SANT GADGE BABA AMRAVATI UNIVERSITY, AMRAVATI

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

AMRAVATI-444602 (MAHARASHTRA)

Organized by

The Association of Chemistry Teachers (ACT)

C/o Homi Bhabha Center for Science Education, (TIFR), Mumbai.



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 chemical sciences help to make our lives, safer and easier. It provides better quality of food grain, potable water, and source of energy.

Diverse forces shape the teaching and learning of chemistry at the beginning of the 21st century. These include fundamental changes in the contours of chemistry as defined by new interfaces and research areas, changes in our understanding of how students learn, and how that applies to chemistry education, the widespread implementation of computer and information technologies to visualize complex scientific phenomena, and external forces, such as global concern about energy and water resources and the environment, and the level of chemical literacy and public understanding of science. In order to learn those forces, new dimensions to learning chemistry is essential. Further, keeping in view the global concern and multi-disciplinary nature of Chemical Sciences, it is imperative to bring in adequate changes in the education system both in terms of curriculum development, constant enrichment of teaching faculty; and nurturing of clean technologies by industrialists.

UNESCO has proclaimed 2019 as the International Year of Periodic Table (IYPT), a global initiative to highlight to the world's citizens the importance of periodic table in our lives, our future, and in the sustainable development of equal-right societies. In order to commemorate IYPT, a special session will be devoted on the historical development and basic structure of the periodic table, periodic properties of the elements and the fascinating chemistry of some important groups in the periodic table.

The Association of Chemistry Teachers (ACT) C/o Homi Bhabha Center for Science Education, (TIFR) Mumbai, since its inception in 2000, is organizing, facilitating and supporting a host of activities for qualitative development in field of Chemistry. Sustained efforts are being taken by ACT which includes Chemistry popularization workshops, seminars, conferences and teacher training programmes. Like in the previous years the present conference has been planned by ACT along with National Convention of the Chemistry Teachers (NCCT-2019).

The main objective of the conference and the convention is to provide a platform to the Chemistry Researchers, Scientists, Teachers and organizations to present and discuss their noteworthy research work in the field of Chemistry & Chemistry Education. The expected outcome of the conference would be the young enriched minds ready to step towards the future chemistry. On this occasion, appreciation of the best work presentation and felicitation of best Chemistry teachers will also be done by ACT.

Theme of the Conference

National Conference on New Dimensions in Chemistry & Chemistry Education

Sub-Themes of the Conference:

- Greening of Chemistry Education
- Nano chemistry
- Reusable polymers
- Drug Design, & delivery
- Pharmaceutical Chemistry
- Medicinal Chemistry & Chemical Biology
- Forensic / Clinical Chemistry
- Composites / Bio Materials
- Electrochemistry/Sensors
- Novel Materials / Polymers
- Novel Chemistry experimentation with relevance to industry & everyday life
- Renewable sources of energy especially of bio origin
- Bioanalytical Chemistry
- Environmental Chemistry
- Food / Cosmetics Chemistry
- Changing Pedagogy in Chemistry

- NanoBiotechnology
- Supramolecular chemistry
- Photochemistry
- Separation Techniques
- Advances in Catalytic Systems and their applications
- Environmental Remediation Methodologies
- Synthetic Chemistry
- Computational Chemistry
- Reaction Dynamics
- Phytochemistry
- Chemistry Concepts in experiments and Demonstrations
- E- Learning Methods in chemistry like MOOCs etc.
- Advanced Instrumentation techniques
- Good Laboratory Practices
- Innovations in Laboratory for Society
- Nuclear & Radiation Chemistry
- Energy From Waste

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 Organizing body

The Association of Chemistry Teachers (ACT), launched in 2000 is the national registered body of Chemistry educators of India which is actively engaged in Chemistry activities for college and university teachers, researchers and industry chemists through its large network of Life members and institutional members. Bharat Ratna. Prof. C.N.R. Rao, Padma Vibhushan Prof. M. M. Sharma, Padma Vibhushan Dr. R. A. Mashelkar and Padmashri Dr. J. P. Mittal are the Honorary Members of ACT and sources of inspiration and guidance. Since its inception, the ACT has been striving tirelessly to strengthen Chemistry Education in India and to motivate students to pursue chemistry as a career.

The Association plays a vital role in the organization of the National Standard Examination in Chemistry (NSEC) which is the first stage examination leading to participation in the International Chemistry Olympiad.

ACT has organized International Conferences on Education in Chemistry ICEC in 2010 and 2014 and International Conference on "Modern Trends in Chemical Sciences includes Green Chemistry" in December 2018 at SRMIST, Chennai.

Following are the objectives of ACT :

- To advance Chemistry education by means of curriculum development and innovation in teaching and evaluation methodologies.
- To organize workshops and conferences including an Annual National Convention of Chemistry Teachers (NCCT) in different Parts of Country.
- To forge a vibrant synergistic relationship between academia, industry and research centers for mutual benefit.
- To explore and nurture talent in Chemistry with special references to the Indian National and International Chemistry Olympiads.
- To collaborate with international Science Teachers' organizations for exchange of ideas and organizations of joint programmes.

National Advisory Committee

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|--|-------------------------------------|
| Prof. D. C. Deka, President, ACT | Prof. N. Satyamurty, Mohali |
| Prof. S. R. Gadre, Pune | Prof. S. D. Samant, Mumbai |
| Prof. P. K. Sai Prakash, Hyderabad | Prof. Sudha Jain, Lucknow |
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| Prof. P. V. S. Machhiraju, Surampalem | Prof. Dileep Kumar, Kalita |
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| Prof. D. B. Shinde, VC, Kolhapur | Dr. R. K. Verma, VC, Munger |
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| Prof. P. G. Yeole, VC, Aurangabad | Prof. P. P. Mahulikar, PVC, Jalgaon |
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| Prof. R. K. Sharma, New Delhi | Dr. Alok Adholeya, New Delhi |
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| Dr. H. M. Meshram, Hyderabad | Prof. M. K. Deb, Raipur |
| Prof. D.H. More, Jalgaon | Prof. R. G. Deshmukh, Mumbai |

National Organizing Committee

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|--|---|
| Prof. A. S. Aswar,
Convener, NCCT - 2019 | Dr. D.V. Prabhu,
General Secretary, ACT |
| Mrs. Swapna Narvekar
Treasurer, ACT. | Prof. Brijesh Pare
Vice President, ACT |
| Prof. Shraddha Sinha, Lucknow | Dr. S. P. Singh, Patna |
| Prof. Helen Kavitha, Chennai | Dr. Meera Uchil, Mumbai |
| Dr. N. N. Talukdar, Kamrup, | Dr. Dheeraj Mandloi, Indore |
| Dr. Surbhi Benjamen, Udaipur | Dr. W.G. Gurnule, Nagpur |

Committees from the Host Organization

Chief Patron

Prof. M. G. Chandekar, Vice Chancellor, SGB Amravati University

Patrons

- Dr. R. S. Jaipurkar,** Pro - Vice Chancellor, SGB Amravati University
Dr. T. R. Deshmukh, Registrar, SGB Amravati University
Dr. F. C. Raghuvanshi, Dean, Faculty of Sci & Tech., SGB Amravati University
Dr. D. T. Ingole, Director, ILLs, SGB Amravati University

Local Advisory Committee

- | | |
|---------------------------------|-----------------------------------|
| Prof. V. S. Jamode, Amravati | Dr. V. S. Sapkal, Ex-VC, Nagpur |
| Dr. V. G. Thakare, Amravati | Dr. S. G. Bhadange, Akola |
| Dr. D. M. Ambhore, Nandura | Prof. P. B. Raghuvanshi, Amravati |
| Dr. N. J. Meshram, Tiosa | Dr. P. G. Rohankar, Achalpur |
| Dr. N. S. Thakare, Manora | Dr. B. B. Wankhade, Malkapur |
| Dr. S. V. Agarkar, Digras | Dr. R. E. Khadsan, Shegaon |
| Dr. W. K. Pokale, Shirpur Jain | Dr. P. R. Rajput, Karanja Lad |
| Dr. S. R. Warhate, Kelapur | Dr. S. S. Thakare, Chandur Ry |
| Dr. J. T. Makode, Chandur Bazar | Dr. J. B. Devhade, Risod |
| Prof. S. P. Deshmukh, Akola | Dr. V. V. Parate, Amravati |



REGISTRATION FORM



**National Conference on
New Dimensions in Chemistry and Chemistry Education
and
NATIONAL CONVENTION OF CHEMISTRY TEACHERS
(NCCT - 2019)**

OCTOBER 21- 23, 2019

**Department of Chemistry
SGB Amravati University, Amravati - 444602 (M.S.)**

Name (In Block Letters):

Institute/University/College:

City:.....Pin.....State.....

Gender : Male Female

Telephone : (Off.) Res:.....

Mob:e-mail:

Title of the Abstract(In Block Letters):

Sub-theme:

Session (Tick one) : Oral Poster Participation

Accommodation Required: Yes No

Any Accompanying Person : Yes No

If Yes, please indicate the following;

Type of Accommodation: Hotel Valuer's Hostel

Duration of Stay: From..... to.....No of days:

Registration fee details:

Type of Participant: Act Member LM No. Non ACT Member

Student/ Research Scholars Industry Persons

Amount Payable for registration and Accommodation

(If any) DD for Rs.....In words

DD No.Dated.....

Drawn on(Bank)

Details of Online Transaction: No.Date:.....

Date:

Signature