

**Report of the
Online National Conference on Recent Advances in Chemical Sciences
organized in Shankarlal Khandelwal College Akola on 1 and 2 May 2020**

Online National Conference on Recent Advances in Chemical Sciences was organized by the department of Chemistry Shankarlal Khandelwal Arts, Science and Commerce College Akola on 01 and 02 May 2020, in collaboration with Amravati University Chemistry Teachers Association (AUCTA). The conference was conducted in online mode on zoom meeting which was telecasted by live streaming on YouTube. Initially this conference was scheduled on 18th March 2020, but due to the outbreak of COVID -19 it was postponed and conducted online on 01 and 02 May 2020. 220 delegates participated in this conference and presented their papers. The papers were also published in Vidya Bharati International Interdisciplinary Research Journal.

The conference was inaugurated on 01 May 2020 and on this occasion honorable secretary of Shikshan prasarak Mandal Akola, Shri Gopalji Khandelwal, President of Amravati University Chemistry Teachers Association, Dr. P. R, Rajput and Dr. J. M Saboo , principal of Shankarlal Khandelwal College, Akola expressed their views. Dr. Sanjio Zade from IISER, Kolkatta was the key note speaker live from Kolkata. Resource person for the second technical session was Dr. Kishor Chikhaliya from Veer Narmad University of South Gujrat.

On the second day, i.e. on 02 May 2020 the resource Persons were Dr. Nandakishor Karde from Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur and Dr. Hemant Chandak from G. S. College Khamgaon. All the Hon. Resource persons delivered their talks live from their respective places and these lectures were attended by delegates live on YouTube. For the valedictory function Hon. Vice Chancellor of Sant Gadge Baba Amravati University Amravati, Dr. Murlidharji Chandekar and President of Shikshan Prasarak Mandal Akola sent their messages which were delivered by Principal Dr. J. M. Saboo.

Dr. M. O. Malpani was the convener, Dr. P. S. Pande was the Organizing secretary and Dr. V. D. Mane was the treasurer for the conference. Day 1 session was conducted by Dr. M. O. Malpani, Day 2 session was conducted by Dr. P. S. Pande and vote of thanks was proposed by Dr. V. D. Mane. For the successful organization of this conference different committee of staff members were formed, the committee members worked very hard to make the event successful. The conference kits were sent to delegates by courier as they could not attend the conference physically due to outbreak of COVID-19.

Brochure for the Conference

<div style="text-align: center; border: 1px solid blue; padding: 5px; color: blue; font-weight: bold;">NCRACS - 2020</div> <p>National Advisory Committee</p> <p>Dr. B. P. Bandgar, Solapur Dr. Vivek Bobade, Nashik Dr. Nandkishor Karde, Nagpur Dr. Sanjio Zade, IISER, Kolkata Dr. Deepak Rawal, Gujrat Prof. G. D. Yadav, UIDCT, Mumbai Dr. V.S Jamode, Amravati Dr. K.N. Wadodkar, Amravati Dr. P. R. Rajput, Karanja (Lad) Prof. A. S. Aswar, Amravati Prof. N. S. Berad, Nagpur Prof. K. P. Kariya, Nagpur Prof. Saurav Pal, IISER, Kolkata Dr. G. S. Rashinkar, Kolhapur Dr. P. R. Bhagat, Vellore Dr. L. J. Paliwal, Nagpur Dr. W. G. Gurnule, Nagpur Dr. P. L. Lokhande, Pune Dr. Pratibha Agrawal, Nagpur Dr. H.S. Chandak, Khamgaon Dr. Vivek Polshettywar, Mumbai</p> <p>Local Advisory Committee</p> <table style="width: 100%;"> <tr> <td>Dr. F.C. Raghuvanshi</td> <td>Dr. P.B. Raghuvanshi</td> </tr> <tr> <td>Dr. M.L. Narwade</td> <td>Dr. S.P. Deshmukh</td> </tr> <tr> <td>Dr. S.G. Bhadange</td> <td>Dr. P.G. Rohankar</td> </tr> <tr> <td>Dr. V.G. Thakare</td> <td>Dr. S. D. Thakur</td> </tr> <tr> <td>Dr. A.R. Raut</td> <td>Dr. Y.K. Meshram</td> </tr> <tr> <td>Dr. G. N. Chaudhary</td> <td>Dr. V.V. Parhate</td> </tr> <tr> <td>Dr. B.B. Wankhade</td> <td>Dr. R.E. Khadsan</td> </tr> <tr> <td>Prof. A.B. Patil</td> <td>Dr. J.T. Makode</td> </tr> <tr> <td>Dr. S.P. Wagh</td> <td>Dr. S. A. Morkhade</td> </tr> <tr> <td>Dr. D.T. Tayade</td> <td>Dr. N. S. Thakare</td> </tr> <tr> <td>Dr. D.M. Ambhore</td> <td>Dr. P.R. Mandlik</td> </tr> <tr> <td>Dr. R. F. Pagariya</td> <td>Dr. S.S. Aswale</td> </tr> <tr> <td>Dr. G.V. Korpe</td> <td>Dr. J.R. Choudhari</td> </tr> <tr> <td>Dr. P.P. Deohate</td> <td>Dr. K.N. Puri</td> </tr> <tr> <td>Dr. P.T. Agrawal</td> <td>Dr. M.P. Wadekar</td> </tr> <tr> <td>Dr. D.S. Hedao</td> <td>Dr. P.S. Bodkhe</td> </tr> <tr> <td>Dr. S.J. Patil</td> <td>Dr. S.L. Kumbhare</td> </tr> <tr> <td>Dr. D. B. Dupare</td> <td>Dr. G. H. Kurhade</td> </tr> <tr> <td>Dr. S.S. 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Khambre	<div style="text-align: center; border: 1px solid blue; padding: 5px; color: blue; font-weight: bold;">NCRACS - 2020</div> <p style="text-align: center;">National Conference on Recent Advances in Chemical Sciences NCRACS - 2020 Wednesday, 18th March 2020 Organised by : Department of Chemistry Shankarlal Khandelwal Arts, Science and Commerce College Godbole Plots, Dabki Road, Akola 444002 (M. S.)</p> <p style="text-align: center; border: 1px solid blue; padding: 2px; color: white; font-weight: bold;">REGISTRATION FORM</p> <p>Name:</p> <p>College/Institution /University</p> <p>Designation</p> <p>Address</p> <p>Mobile</p> <p>Email</p> <p>Title of the Paper / poster</p> <p>Details of Payment</p> <p>a) Amount</p> <p>b) Cheque/DD/RTGS/NEFT No.</p> <p>c) Name of Bank:</p> <p>Date :</p> <p>Place: Name and Sign.</p> <p>Correspondence: All communications are to be addressed to, Dr. M. O. Malpani Department of Chemistry Shankarlal Khandelwal Arts, Science and Commerce College, Akola (M. S.) 444002 Phone: 9421754809, 9730036188, 9657354926. Email: ncracs2020skc@gmail.com</p> <p>Note: All Payments need to be sent by Cheque/DD/RTGS/NEFT drawn in favour of "Principal, Shankarlal Khandelwal College, Akola along with the Registration form, on or before March, 9th 2020. Account No. : 60118536576 IFS Code : MAHB0001156 Note: Photocopy of this form can also be used.</p>	<p style="text-align: center;">National Conference on Recent Advances in Chemical Sciences NCRACS - 2020 Online on 1st and 2nd May 2020 (Due to COVID Pandemic)</p> <p style="text-align: center;">Organised by Department of Chemistry Shankarlal Khandelwal Arts, Science and Commerce College Godbole Plots, Dabki Road, Akola 444002 (M. S.)</p> <p style="text-align: center;">In Collaboration with Amravati University Chemistry Teachers' Association</p> <p style="text-align: center;">In association with Shikshan Prasarak Mandal Akola</p> <p style="text-align: center; color: red; font-weight: bold;">Organizing Committee</p> <table style="width: 100%;"> <tr> <td>Dr. Manojkumar O. Malpani Convener</td> <td>Dr. Jagdish M. Saboo Principal</td> </tr> <tr> <td>Dr. Vivek D. Mane Treasurer</td> <td>Dr. Prasanna S. Pande Head & Organizing Secretary</td> </tr> </table> <div style="background-color: black; color: white; padding: 5px; text-align: center;"> : Contact details : <table style="width: 100%; margin: 0;"> <tr> <td style="width: 33%;">Dr. M. O. Malpani Cell: 9421754809</td> <td style="width: 33%;">Dr. P. S. Pande Cell: 9730036188</td> <td style="width: 33%;">Dr. V. D. Mane Cell: 9657354926</td> </tr> </table> </div>	Dr. Manojkumar O. Malpani Convener	Dr. Jagdish M. Saboo Principal	Dr. Vivek D. 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Dear Colleagues,
It gives us immense pleasure to invite you to participate in the National Conference on "Recent Advances in Chemical Sciences" (NCRACS-2020) on 18th March 2020. The aim of the conference is to equip the researchers and academicians from all over the country with the recent advances in chemical sciences and to stimulate them through invited lectures. This would enable the participants to enrich them with the newer methods in chemical sciences.

About us
The college is run by Shikshan Prasarak Mandal, Akola which was established in 1958 with the aim of catering the needs of unprivileged and under-privileged sect of the society from socio-economically backward area of the city. The main aim of the society is to provide value based education with quality. The college has three streams viz Arts, Commerce and Science i.e. B.A., B.Com. and B.Sc. In addition to it, the college runs courses like B.C.A and skill based certificate courses like Biomedical Instrumentation, Communication Skills in English, Insurance and Banking etc., to fulfil the professional needs of the society. Besides this, for over all development of the students, we run the activities like NSS/ Sport/ Cultural programme, Vivekananda Study Centre, etc.

The college also has P.G. Degree courses like M.A. English, M.Sc. Chemistry to fulfil the needs of students for post graduation. Our college is now recognized as a research centre for Ph.D. in Microbiology, Zoology, Physics, Marathi, Sociology, Home Economic and English and has ten Ph.D. supervisors in different subjects. The college is permanently affiliated to Sant Gadge Baba Amravati University, Amravati and has 2(f) & 12 (B) status of U.G.C. Besides this, the college is NAAC re-accredited with grade B CGPA 2.88 in second cycle.

About Akola city
Akola city is located in the Vidarbha region which is north central part of Maharashtra (Western India). It is known as Rajrajeshwar Nagari and being the cotton producing district, it is also known as cotton city. It has emerged as a major educational centre in Maharashtra and India, offering many disciplines including medical, engineering and agriculture. Dr. Panjabrao Deshmukh Krishi Vidyapeeth (Agriculture University) is situated in Akola. Melghat Tiger reserve project and Chikhaldara, a famous hill station in Maharashtra is just a 3 hours journey by road from Akola. Chikhaldara is situated in the Satpura mountain range at a height of 1,118 meters. Akola lies about 250 km away from both Nagpur and Aurangabad on Mumbai-Kolkata central railway route and also well connected by road. It is linked by NH-6 highway. It is also linked to Delhi, Chennai, Hyderabad, Ahmedabad, Bengaluru and Jaipur by direct rail routes. Nearby airports to reach to Akola are at Nagpur and Aurangabad.

Thrust Areas / Sub-Themes

01. Emerging trends in chemical sciences
02. Material science and nanotechnology
03. Medicinal and environmental chemistry
04. Synthetic organic chemistry
05. Asymmetric synthesis
06. Solvent free synthesis
07. Catalysis
08. Heterocyclic synthesis
09. Synthetic organic and Bio-organic chemistry
10. Polymer, dyes and cosmetics.
11. Green chemistry
12. Microwave assisted synthesis
13. Drug designing and synthesis
14. Natural products
15. Chemistry in agriculture

Abstract submission
Abstract of original and unpublished work in the thrust areas/sub-themes of conference are invited for poster presentations. Abstract of the research paper should not exceed 300 words. It should be typed in MS-Word using Times New Roman font with line spacing 1.5 and font size as given below.

Title - 12 point Bold
Author(s) - 12 points (underline presenting author name).
Affiliation and e-mail - 10 points.
Abstract - 12 points.

Abstract should be submitted online along with the registration fee. Abstract of the registered candidates only, will be considered for poster presentation. Abstract should be sent on the e-mail : ncracs2020skc@gmail.com

Research paper submission
Authors may submit the full length research paper of original and unpublished work in the thrust areas/ sub-themes of conference for publication in Journal. Research paper should not be more than 3000 words (6 pages) and it should be in an acceptance with IEEE format. Research papers received will be reviewed by review committee and selected papers after review will be published in Peer reviewed UGC CARE listed Journal. The full length research paper should be sent on e-mail : ncracs2020skc@gmail.com

Note : Before sending paper, author should check the plagiarism. (It must not be more than 10%).

Poster Presentation
A space of 1x1 meter size will be provided to poster presenter for display of each poster.

Target Dates
Registration
Abstract Submission
Full length paper submission

Registration
R & D Organizations / Industries : Rs. 900/-
Delegates/Faculty Members : Rs. 700/-
Research Scholars : Rs. 300/-
PG Students : Rs. 200/-

(Research paper publication fee Rs. 500/- will be charged extra)

Bank : Bank of Maharashtra
Branch : Dabki Road, Akola
Account Number : 60118536576
IFS Code : MAHB0001156

Patrons
Dr. Murlidhar G. Chandekar
Hon'ble Vice Chancellor, S.G.B.A.U., Amravati

Hon'ble Executive Members of Shikshan Prasarak Mandal, Akola.
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Hon'ble President
Shri. Rajkumar D. Chavare.
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Member



Shankarlal Khandelwal Arts, Science and Commerce College, Akola
Organizing Committee
for
Online National Conference on Recent Advances in Chemical Sciences
To be held on 01 and 02 May 2020

Sr. No.	Name of the Committee	Work Assigned	Coordinator/s	MEMBERS of the Committee
1.	Registration and Certificate Committee	Registration of participants, E-certificates and feedback of participants	Dr. M.V. Shirbhate, Prof. Dixit	Prof Nalhe , Shri Prafull Ghuge,
2.	Live Webinar	To conduct online	Prof A V Thote,	Shri Amol Dhotre

	Committee	sessions in conference	Dr. P.S.Pande	
3.	Poster session committee (online)	To conduct poster session online	Dr. M.O.Malpani, Dr. V. D. Mane	Mr. Prasad Dashrath
4.	Preparation of Google forms committee	To prepare Google forms for Registration and Feedback.	Dr. Patange	Dr. Sakalkate
5.	Paper publication Committee	To send papers to journal for publication	Prof. Suradkar	Shri Mayur Mishra, Shri. Viraj Bhagat

Shankarlal Khandelwal Arts, Science and Commerce College, Akola
National Conference (Online)

On
"Recent Advances in Chemical Sciences" on
01 and 02 May 2020

Conference Schedule

Event	Time	Venue
Day 1: 1st May 2020		
Inauguration	10.00 - 10.50	Online mode
Key note address (Dr. Sanjeev Zade, IISER Kolkata)	10.50 - 11.30	Online mode
Tea	11.30 - 11.40	Online mode
Technical Session I		Online mode
Plenary Lecture I (Dr. Kishor Chikhaliya , Veer Narmad South Gujrat University, Surat)	11. 40 - 12.20	Online mode
Plenary Lecture II (Dr. Nandkishor Karde, RSTM Nagpur University, Nagpur)	12.20 - 1.00	Online mode
Poster Presentation Session	3.00 - 4.00	Online mode

Day 2 : 2nd May 2020

Technical Session I		
Plenary Lecture III (Dr. Vivek Bobade, HPT Arts RYK Science College, Nashik)	10.00 - 12.00	Online mode
Plenary Lecture IV (Dr. Hemant Chandak, G. S. College, Khamgaon)	12.10- 2.00	Online mode
Valedictory function	2.30-3.00	Online mode
Distribution of Certificates	3.30- 5.30	Online mode

News

लोकमत

खंडेलवाल महाविद्यालयात ऑनलाइन राष्ट्रीय परिषद!

अकोला : शंकरलाल खंडेलवाल महाविद्यालयातील रसायनशास्त्र विभाग, आयक्यूएसी व अमरावती विद्यापीठ केमिस्ट्री टिचर्स असोसिएशनतर्फे १ व २ मे रोजी 'अ-डव्हान्सेस इन केमिकल सायन्सेस' या विषयावर ऑनलाइन राष्ट्रीय परिषद घेण्यात आली.

परिषदेला उद्घाटक म्हणून गोपाल खंडेलवाल होते, तर अमरावती विद्यापीठातील केमिस्ट्री टिचर्स असोसिएशनचे अध्यक्ष डॉ. पी.आर. राजपूत व प्राचार्य डॉ. जगदीश सावू यांची प्रामुख्याने उपस्थिती होती. यावेळी त्यांनी ऑनलाइन माध्यमातून मार्गदर्शन केले.

तसेच कोलकाता येथील डॉ. संजीव झाडे यांनी थेट प्रक्षेपणाद्वारे मार्गदर्शन केले. परिषदेमध्ये सुरत येथून नर्मदा साउथ गुजरात विद्यापीठाचे किशोर चिखालिया, नागपूर येथून राष्ट्रसंत तकडोजी

महाराज नागपूर विद्यापीठाचे डॉ. नंदकिशोर करडे, खामगाव येथून गो.से. महाविद्यालयाचे डॉ. हेमंत चांडक यांनी थेट प्रक्षेपणाद्वारे मत व्यक्त केले. यू-ट्युबच्या माध्यमातून २२० अभ्यागत सहभागी झाले होते. आधुनिक तंत्रज्ञानाच्या साहाय्याने सहभागी सदस्यांना त्यांच्या घरी बसूनच राष्ट्रीय परिषदेमध्ये सहभागी होता आले.

परिषदेच्या समारोपप्रसंगी संत गाडगेबाबा अमरावती विद्यापीठाचे कुलगुरु डॉ. मुरलीधर चांदेकर, डॉ. तारा हातवळणे यांची प्रामुख्याने उपस्थिती होती. या प्रसंगी डॉ. राजेंद्र पाटील यांनीदेखील मार्गदर्शन केले. परिषदेच्या आयोजनासाठी डॉ. प्रसन्न पांडे, आयक्यूएसी समन्वयक डॉ. मिलिंद शिरभाते, डॉ. मनोज मालपाणी, डॉ. विवेक माने यांच्यासह शिक्षक व शिक्षकेतर कर्मचाऱ्यांनी परिश्रम घेतले.