

COLLABORATION OF NATIONAL CONFERENCE ON

"Advances in Chemical Sciences and sustainable development" to be held on April 9 & 10 2021 and its two preparatory workshops

- 1) Department of Chemistry of VPM'S B.N.Bandodkar College of Science (Autonomous) is conducting National conference on, "Advances in Chemical Sciences and sustainable development" to be held on April 9th & 10th 2021 and its two preparatory workshops.
- 2) Department of Chemistry, VPM'S B.N.Bandodkar College of Science (Autonomous) has invited department of chemistry, The Institute of Science Dr. Homi Bhabha State University, Mumbai for collaboration to organize conference along with its two preparatory workshops.
 - i. With mutual consent of the chemistry departmental members from both institutes, it is decided that two preparatory workshops and National conference to be conducted online
 - ii. The dates for First Preparatory workshop will be February 6, 2021 and Second Preparatory workshop on March 6 2021.
 - iii. National conference dates will be on April 9th & 10th.
 - iv. The first workshop will be conducted by Bandodkar college of Science. The Remuneration of the speakers of the First workshop will be borne by the college.
 - v. The Second Workshop will be conducted by The Institute of Science. The Remuneration of the speakers of the second workshop will be borne by The Institute of Science.
- 3) For the Workshop and conference, student volunteers from both institute and college shall be trained to conduct and organize such events.
- 4) The Technical Logistics will be handled by staff of both colleges.
- 5) For the National conference chief guest, speakers will be decided with mutual consent.
 - i. Key note address and Valedictory address remuneration will be borne by institute
 - ii. Chief Guest and remaining speaker's remuneration will be borne by the B N Bandodkar college of Science, (Autonomous) Thane.

Signature of (I/C Principal)



Signature of Director

Director
Institute of Science
15, Madam Cama Road,
Mumbai-400 032.

FIRST PREPARATORY WORKSHOP OF NATIONAL CONFERENCE ON Advances In Chemical Sciences and Sustainable Development (ACS&SD-2021)

Organised by Department of Chemistry, VPM's B. N. Bandodkar College of Science, (Autonomous) Thane in collaboration with Department of Chemistry, Dr. Homi Bhabha State University, Institute of Science, Mumbai.

INAUGURATION AND PROGRAM

Platform Link : Google meet and YouTube link

Registration link: First Preparatory workshop: <https://forms.gle/2HDT7RtGZ968EqNz9>

For National Conference (April 9 & 10, 2021) : <https://forms.gle/paRWhDrvAj6Wpe9Z7>

Saturday, February 6 2021	Event
09.00 am to 09.05 am	Welcome address and about Department of Chemistry Dr .D.R. Ambawadekar , Head, Department of Chemistry VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.05 am to 09.10 am	Welcome address and about Dr. Homi Bhabha State University Dr.Gayatri Barbade , Head, Department of Chemistry , Dr. Homi Baba State University The Institute of Science , Mumbai
09.10 am to 09.15 am	Opening Remark of Conference Dr. A S. Goswami-Giri , Associate professor and IQAC Coordinator VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.15 am to 09.20 am	Conference Address by I/C Principal Capt.(Dr).Moses Kolet VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.20 am to 09.25 am	Virtual Inauguration
Invited talk 1	
09.30 am to 10.20 am	Shivram S. Garje Professor, Associate Dean (Science and Technology) Department of Chemistry, University of Mumbai , Mumbai
Topic : Materials For Environmental Remediation and Sustainable Development	
Invited talk 2	
10:20 am to 11:10 am	Anand Malankar Research and Development Head, IFFCO – Personal Care Division. Dubai
Topic : Fragrance and Flavour Application Technology	
11.10 am to 11.50 am	Paper presentation by students
QA session by	
11.50 am to 12. 20 pm	Dr.Rohini Mandhare VPMs B N Bandodkar College of Science ,Thane Dr.Sushma Ambadekar , Dr. Homi Baba State University The Institute of Science , Mumbai
12.20 pm to 12.25 pm	Vote of thanks Dr. Sandeep Kahandal VPMs B N Bandodkar College of Science , (Autonomous) Thane

**SECOND PREPARATORY WORKSHOP OF NATIONAL CONFERENCE ON
Advances in Chemical Sciences and Sustainable Development (ACS&SD-2021)**

Organised by Department of Chemistry, VPM's B. N. Bandodkar College of Science, (Autonomous) Thane in collaboration with Department of Chemistry, Dr. Homi Bhabha State University, Institute of Science, Mumbai.

INAUGURATION AND PROGRAM

Platform Link : Google meet and YouTube link

Registration link: Second Preparatory workshop: <https://forms.gle/RR8jhwrWeyua5wZ18>

For National Conference (April 9 & 10, 2021) : <https://forms.gle/paRWhDrvAj6Wpe9Z7>

Saturday, March 6 2021	Event
09.00 am to 09.02 am	Virtual Inauguration
09.03 am to 09.10 am	Welcome address and about Department of Chemistry Dr .D.R. Ambawadekar , Head, Department of Chemistry VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.10 am to 09.15 am	Welcome address and about Dr. Homi Bhabha State University Prof. Yuvraj S. Malaghe , Joint Director, Mumbai Division and Head, Department of Chemistry , The Institute of Science , Mumbai, Dr. Homi Bhabha State University.
09.16 am to 09.20 am	Opening Remark of Conference Dr. A S. Goswami-Giri , Associate professor and IQAC Coordinator VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.21 am to 09.25 am	Conference Address by I/C Principal Capt.(Dr).Moses Kolet VPMs B N Bandodkar College of Science , (Autonomous) Thane
09.26 am to 09.35 am	Institutional Virtual Tour 1 and 2
Invited talk 1	
09.35 am to 10.25 am	Dr. Hemantkumar S. Chandak ASSOCIATE PROFESSOR in Chemistry and Coordinator- IQAC G. S. Science, Arts & Commerce College Khamgaon, Buldhana
Topic : Green synthesis of heterocyclic compounds using MCR and catalysis.	
10. 26 am to 10.40 am	QA -Interaction with speaker By Dr.Nitin Gulvi VPMs B N Bandodkar College of Science ,Thane
Invited talk 2	
10:41 am to 11:30 am	Prof. S. T. MHASKE FMASc, HEAD, Department of Polymer & Surface Engineering Institute of Chemical Technology, Mumbai
Topic : Sustainability of Flexible Polymer Packaging.	
11:30 pm to 11.45 am	QA -Interaction with speaker By Dr. Vikas M. Bangade The Institute of Science, Mumbai, Dr. Homi Bhabha State University, Mumbai
11.46 am to 12.40 m	Paper presentation by students
Vote of thanks	
12.41 pm to 12.50 pm	Dr.Sushma Ambadekar , Dr. Homi Bhabha State University ,The Institute of Science , Mumbai

**NATIONAL CONFERENCE ON
ADVANCES IN CHEMICAL SCIENCES AND SUSTAINABLE DEVELOPMENT (ACSSD-2021)**

Date: April 9 & 10, 2021

Organized by

Department of Chemistry, VPM's B. N. Bandodkar College of Science, (Autonomous) Thane in collaboration with Department of Chemistry, The Institute of Science, Dr. Homi Bhabha State University, Mumbai.

INAUGURATION AND PROGRAM SCHEDULE

FRIDAY, 9TH APRIL 2021	EVENT (DAY 1)
09.00 am to 09.02 am	Virtual Inauguration
09.02 am to 09.10 am	Institutional Virtual tour
09.10 am to 09.17 am	Welcome address by Convener of the Conference Dr. D. R. Ambavadekar Head, Department of Chemistry and Vice- Principal, VPM's B. N. Bandodkar College of Science, (Autonomous) Thane.
09.17 am to 09.24 am	Welcome address and about Dr. Homi Bhabha State University Dr. Jairam M. Khobragade Chair of the Conference and Director, The Institute of Science, Mumbai, Dr. Homi Bhabha State University, Mumbai.
09.24 am to 09.31 am	Conference Address by Convener in Chief and Chair of the Conference Capt. (Dr). Moses Kolet I/C Principal, VPM's B. N. Bandodkar College of Science, (Autonomous) Thane.
09.31 am to 09.33 am	Inauguration of Proceedings of the Conference (ACSSD-2021)
09.33 am to 09.40 am	Patron Address Dr. V. V. Bedekar Chairman, Vidya Prasarak Mandal, Thane.
09.40 am to 09.47 am	Opening Remark of the Conference Dr. A. S. Goswami-Giri Co-Convener, Associate Professor and IQAC Coordinator VPM's B. N. Bandodkar College of Science, (Autonomous) Thane.
CHIEF GUEST	
09:47 am to 09:57 am	Dr. Anthony Melvin Crasto Worlddrugtracker, Principal scientist, Process research, Glenmark Pharmaceuticals Ltd, Navi Mumbai, India.
KEYNOTE ADDRESS	
09.57 am to 10.30 am	Prof. Sanjio S. Zade Professor, Chemical Sciences (DCS), IISER, Kolkata.
Topic: Thiophene containing ladder-type next-gen organic semiconductors.	
INVITED TALK - 1	
10:30 am to 11:20 am	Prof. Vivek Polshettiwar Associate Professor 'G', Department of Chemical Sciences, TIFR, Mumbai.
Topic: Nanochemistry for Sustainable Development.	

INVITED TALK - 2	
11.20 am to 12.10 pm	Dr. Amit Zodge R & D, Manager, Spice King Holland (SKH), Enschede, Netherlands
Topic: The Green Solvent-Supercritical CO₂ technology for Sustainable Chemistry.	
12.10 pm to 01.10 pm	Paper presentation (Oral/E-poster)
01.10 pm to 01.15 pm	Concluding Remarks Dr. Gayatri Barbade Head, Department of Chemistry, Dr. Homi Baba State University, The Institute of Science, Mumbai.

SATURDAY, 10 TH APRIL 2021	EVENT (DAY 2)
INVITED TALK - 3	
09:00 am to 09:50 am	Dr. Muralidhar N. Ingale Director, REYNISH PHARMACHEM PVT. LTD. Dabhasa, Vadodara, Gujarat, India.
Topic: Strategic approaches for optimizing performance and streamlining operations to foster quality and growth for Chemical Industry.	
INVITED TALK - 4	
09.50 am to 10.40 am	Prof. Rajendra N. Shirsat Department of Chemistry, Professor of Physical Chemistry, Goa University, Goa.
Topic: Topography of Molecular Electrostatic Potential.	
10.40 am to 12.00 pm	Paper presentation (Oral/E-poster)
12.00 pm to 12.30 pm	Valedictory function Prof. A.D. Sawant Former Vice Chancellor, University of Rajasthan, Jaipur Former Joint Director of Higher Education , Mumbai ; Former Pro Vice Chancellor, University of Mumbai
12.30 pm to 12.40 pm	Glimpses of the conference
12.40 pm to 12.50 pm	Vote of Thanks