



**International e-Conference on**

# **ROLE OF SCIENCE AND TECHNOLOGY IN SUSTAINABLE DEVELOPMENT, 2020**

**17-18 August 2020**



**Organised By**

**DEPARTMENT OF ZOOLOGY & IQAC**

**DIGAMBARRAO BINDU ARTS COMMERCE AND SCIENCE COLLEGE,**

Tamsa Road, Bhokar, Dist Nanded 431801  
Affiliated with S.R.T.M. University, Nanded | UGC 2(f) 12 B  
Reaccredited with 'B' Grade with CGPA 2.40 by NAAC, Bengluru  
Best College Award 2018 & Best Principal Award 2017 by S.R.T.M. University, Nanded

**In Collaborations with**

**Swami Ramanand Teerth Marathwada University, Nanded, MS, India**

**International e-Conference on**  
**ROLE OF SCIENCE AND TECHNOLOGY IN SUSTAINABLE**  
**DEVELOPMENTS-2020**

**Respected Sir/Madam**

It's our pleasure to announce you that Department of Zoology and IQAC, Digambarrao Bindu Arts, Commerce and Science College, Bhokar Dist. Nanded, organizing **International e-Conference on "Role of Science and Technology in Sustainable Developments- 2020"**.

**The conference will be held on ZOOM app/Google meet.**

You are hereby cordially invited to register your active participation for this International e-Conference On "Role of Science and Technology in Sustainable Development- 2020".

E- Certificates will be given to the participants.

**Important Links**

Registration Link: <https://forms.gle/SoXNgY7Hf2Z8kmuD9>

Paper presentation and video by YouTube link/ or on Zoom / Google meet /

WhatsApp chat link to <https://chat.whatsapp.com/lhIVohdVBBSKz2ZyGVb4qx>

Telegram link to join conference <https://t.me/joinchat/NqQWwx6E4-Pf3Qvby6aQ>

**IMPORTANT DATES**

<b>Last date of Registration</b>	<b>: 16 August, 2020</b>
<b>Last Date for submission of e-Poster / PPT (for) oral Presentation</b>	<b>: 15 August, 2020</b>
<b>Last date of Manuscript (Research article) Submission</b>	<b>: 16 August, 2020</b>
<b>Publication of Conference Special Issue</b>	<b>: 15 Sept., 2020</b>

**CALL FOR PAPERS**

We encourage you to contribute and help to shape the conference through paper submissions. We invite high quality submissions of papers describing original and unpublished results of conceptual, constructive, empirical, experimental or theoretical work in all areas of theme and sub themes.

**International e-Conference on "Role of Science and Technology in Sustainable Developments-2020"** provides a leading forum for the presentation of new advances and research results in the fields of **Science and Technology**. The conference will bring together leading researchers, engineers and scientists in the domain of interest from around the world. Accordingly, Topics of interest for submission include, but are not limited to:

- **Science and Technology, for Sustainable Development.**
- **Public Health and Pandemic Diseases**
- **Climate Change, Climate Research, and Global warming**
- **Geographic and Earth Observation Systems**
- **Biodiversity and Environmental Sustainability**

- Environmental Science & Geology
- Pollution Control and Management
- Water Resource Management
- Social Safety, Process Safety, and Hazard Management
- Waste Utilization and Treatment
- Sustainable Urban Development
- Structural Sustainability
- Green Chemistry and Sustainable Chemical Processes
- Tools to plan, design and operate, integrated green technology
- Matter, Materials, and Metallurgy
- Smart and Functional Materials
- Green House Gases
- Adsorption and Gas Storage Materials
- Natural and Synthetic Products and Processes
- Plant Sciences and Economic Botany
- Economic Zoology
- Microbiology
- Aquaculture for Human Welfare
- Biomass Conversions
- Renewable Energy and Non-renewable Energy
- Nanotechnology for Sustainability
- Fuel Conservation and Energy Management
- Catalysis
- Sustainable Agriculture and Organic Farming; Green Agricultural Technology
- Food Safety and Organic Food
- Biotech for Sustainability
- Life-Cycle Assessment
- Statistics
- Mathematical Sciences
- Computation, Modelling, and Simulation
- Air, Soil, Water, Food, Health
- Medicine, Biophysics, Bio-Medicines
- Healthy/ Ageing Population
- Healthcare provision, services, and delivery
- Pharmacy
- Ecological Sustainability
- Mechanical, Electrical, Electronics and Information Technology
- Green Manufacturing and Engineering
- Sustainability and Green Information and Communication Technology and Smart Grids
- Big Data Management, Green Economy and Sustainable Economic Development
- Decommissioning – Best Practices
- Industry Best Practices and Innovation
- Sustainability Related Public Policy, Legislation, Laws and Regulations, and Practice
- Public-Private Partnerships
- Innovative Green Technologies and Processes
- Sustainable Strategies and Policies
- Cyber Security and Cyber Crime
- Green Service Industry: Hospitality and Tourism
- Other burring issues of interest related to Science and Technology for Development.
- Accessing and Constructing Digital Information
- Cloud Computing
- Communication Networks and Security
- Computer Organization and Architecture
- Digital Communication and online communities
- Information Systems and Software Engineering
- Network Management
- Signal Processing
- Software Engineering
- Web technologies

## PAPER / POSTER PRESENTATIONS

- Selected paper those of current relevance will be considered for oral presentation
- Paper presentation (Oral) should be of Maximum 4 minutes.
- E- poster sent for conference should be self-explanatory and must be A4 paper size single page; you must mention name of authors and address of organization.
- Maximum time limit for poster explanation is 03 minutes.
- E-poster and paper presentation should be sent by Email [eventdbcbhokar@gmail.com](mailto:eventdbcbhokar@gmail.com)

## MANUSCRIPT PREPARATION

The research papers should be in English in Times New Roman (font size 12, space 1.5). Author (s) should strictly follow Author guideline for manuscript preparation in all respects.

Instructions and template (sample paper) are available at journal website or ([link](#)). All the manuscripts should typeset in provided template only.

## SUBMISSIONS

Manuscripts should be submitted online as a Microsoft Word file in a single column format by uploading at the menu "**Make a Submission**" on journal website. Submission of the paper implies that the paper/review article has not been submitted for publication and has not been published elsewhere.

**New manuscripts can be submitted on our** <https://irjse.in/se/index.php/home/about/submissions>

If one finds difficulty in uploading, then one can send manuscript as an attachment on email to [editor@irjse.in](mailto:editor@irjse.in) OR [eventdbcbhokar@gmail.com](mailto:eventdbcbhokar@gmail.com)

## FEES & PAYMENT

Conference Registration Fees	Article Publication fees	
	For Indian Author(s)	For overseas author (s)
Nil	INR 800 / per article	US\$ 30 / per article

**MODE OF PAYMENT:** Only after acceptance of the article(s) fees payment link will be sent to concerned authors email id. Or author(s) can make payment through online gateway (link) available on journal website in conference section.

## PUBLICATIONS



Selected papers will be published in Peer reviewed, referred, Journal,  
**International Research Journal of Science and Engineering**  
ISSN 2322-0015 | <https://www.irjse.in>

### **If any queries call us**

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### **Note:**

1. Conference registration, participation in all technical sessions, submission of online feedback is mandatory to generate E-Certificate.
2. To complete all the formalities to issue E-Certificates will take 10-15 days.

**International e-Conference on**  
**ROLE OF SCIENCE AND TECHNOLOGY IN SUSTAINABLE**  
**DEVELOPMENTS, 2020**

**Patrons**

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## Jt. Organizing Secretary



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Assistant Professor  
Dept. of Microbiology

# SCHEDULE OF ICRSCSD-2020

Day 1<sup>st</sup>

17<sup>th</sup> August 2020

11:00 AM to 11:30 AM	Inaugurator	<b>Chief Guest and Inaugurator</b> <b>Hon. Dr. Udhav V. Bhosle</b> Vice Chancellor, S.R.T. M. University, Nanded
	<b>Chairperson</b>	<b>Hon. Dr. Madhavrao Patil Kinhalkar</b> President, L.B.D.S.S. Bhokar, Ex. Minister, Govt. of Maharashtra
	<b>Chief Organizer</b>	<b>Dr. Panjab Chavan</b> Principal, Digambarrao Bindu College, Bhokar, Dist. Nanded,
	<b>Convener</b> <b>ICRSTSD-2020</b>	<b>Dr. Arvind Chavhan</b> Head, Department of Zoology, Digambarrao Bindu College, Bhokar, Dist. Nanded,
11:30 AM to 12:30 PM	<b>Technical Session -I</b>	<b>Dr. Mumtaz M. Baig</b> Visiting Scientist, Department of Integrative Biology, University of Guelph, Ontario, N12 2W7, Canada <b>Topic: SARS CoV-2 Pandemic in India: A Genomic Insight</b>

12:30 PM to 1:00 PM

BREAK

01:00 PM to 02:00 PM	<b>Technical Session -II</b>	<b>Dr. Mahendra Kumar Verma</b> Scientist, Centre for Molecular Biology Research Bhopal (CMBR), MP, India <b>Topic: Enzyme Promiscuity; An opportunity to extend commercial application of enzymes</b>
02:00 PM to 3:00 PM	<b>Technical Session -III</b>	<b>Monica Uttarwar</b> Department of Electrical and Electronic Engineering, Auckland University of Technology, Auckland, New Zealand. <b>Topic: Artificial Intelligence</b>
03:00 PM to 4:30 PM	<b>Technical Session -IV</b>	<b>Q &amp; A and Poster and Oral Presentation</b>

DAY 2<sup>ND</sup>

18<sup>th</sup> AUGUST 2020

11:00 AM to 12:00 PM		<b>Dr. Deshpande Ravindra Pramod</b> Postdoctoral scientist at Department of Cancer Biology, Wake Forest, School of Medicine, North Carolina, USA. <b>Topic: Experimental systems for cancer research: cell lines and animal models.</b>
12:00 PM to 01:00 PM	<b>Technical Session -V</b>	<b>Dr. Rajan Walhe</b> Department of Microbiology, MES Abasaheb Garware College Pune, MS, India <b>Topic: Probiotic and COVID-19</b>

01:00 PM to 1:30 PM

BREAK

01:30 PM to 02:30 PM	<b>Technical Session -VI</b>	<b>Prof. S.S. Nanware</b> BOS Chairman in Zoology, Faculty of Science and Technology, S.R.T. M. University, Nanded, MS, India Professor, Department zoology, Yeshwant college, Nanded <b>Topic: Parasites of Human Health Welfares</b>
2:30 PM to 3:30 PM	<b>Technical Session -VII</b>	<b>Q &amp; A Poster and Oral Presentation</b>

## VALEDICTORY FUNCTIONS

3:30 PM to 4:00 PM	<b>Chief Guest:</b>	<b>Dr. Vrushalitai M. Kinhalkar</b> President, CDC, Digambarrao Bindu College, Bhokar, Dist. Nanded,
	<b>Chairperson</b>	<b>Dr. Panjab Chavan</b> Principal, Digambarrao Bindu College, Bhokar, Dist. Nanded,
	<b>Convener</b> <b>ICRSTSD-2020</b>	<b>Dr. Arvind Chavhan</b> Head, Department of Zoology, Digambarrao Bindu College, Bhokar, Dist. Nanded, India