

ABOUT COLLEGE

Wilson College has a long-standing history of 187 years. Established in 1832 with college section in 1836 by the renowned Scottish missionary, Rev. Dr. John Wilson, FRS, it is the oldest institution of higher education in Western India and has made significant pioneering contributions to the growth and development of education in India. The College offers undergraduate and postgraduate courses in Arts, Science, Commerce, Management, Mass Media and IT. Ph.D. programs are offered in Chemistry, Botany, Microbiology, Zoology and Hindi. The College attracts students from all parts of the country and neighbouring countries. The College has been re-accredited an 'A' grade for the third time (in 2017). The College has been conferred autonomous status by University Grants Commission from the academic year 2022-2023. The College also has a working science laboratory funded by DBT FIST grant. Wilson College is the Recipient of grant under DBT Star Strengthening Scheme. Wilson college received a few prestigious awards like the Leadership and Innovation Award by Higher Education Forum for 2018-19, the 'Best college award' by University of Mumbai for the academic year 2019-20 and Sustainability Award by Vivekananda Youth Connect Foundation, Mumbai. In 2021-22, the faculty of the college successfully completed 16 research projects of grant of ₹6.5 lakhs under the University of Mumbai. Currently, Prof. Anna Pratima G. Nikalje is serving as the Principal of Wilson College, who is also Hon. Secretary of John Wilson Education Society (JWES).

ABOUT CONFERENCE

This conference aims to bring together leading academicians, researchers, scientists and experts from various disciplines to discuss and exchange ideas on scientific approaches for ensuring a sustainable environment with a focus on interdisciplinary collaboration. The conference will provide a platform to explore innovative solutions, share research findings and foster meaningful discussions regarding the pressing environmental challenges of our time.

MAJOR AREAS

- **Natural Resources -Management and Conservation.**
- **Waste Management and Recycling.**
- **Novel and Innovative Insights in Sustainability.**
- **Modelling and Simulations in Sustainable Development.**
- **Existing challenges and Future prospects**



JOHN WILSON EDUCATION SOCIETY'S

Wilson College

(AUTONOMOUS)

NAAC REACCREDITED- 'A' GRADE

Recipient of the 'BEST COLLEGE AWARD' (Mumbai University- 2019-20)

SCIENCE DEPARTMENTS

ORGANISE

INTERDISCIPLINARY NATIONAL CONFERENCE ON

SCIENTIFIC APPROACHES FOR SUSTAINABLE ENVIRONMENT

IN COLLABORATION WITH

University of Mumbai

MODE: Hybrid

DATE: 4th-5th December, 2023

VENUE: A. V. Room, Wilson College

SPONSORED BY



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PATRONS

- **The Most Rev B K Nayak**
(Moderator, CNI Synod , President, JWES)
- **The Rt Rev Paul Dupare**
(Deputy Moderator CNI Synod, Vice President JWES)
- **Subrata Gorai**
(Trustee, JWES)
- **Mr Sanjay Singh**
(Treasurer, JWES and MD UCNITA)

CHAIRPERSON

Prof. Dr. Anna Pratima Nikalje

CONVENOR

Dr. Anuradha S. Pendse

ADVISORY COMMITTEE

- Prof. Rajanish K. Kamat (Vice Chancellor, HBSU)
- Prof. A. M. Deshmukh (President, MBSI)
- Dr. Rajendra Shinde (Principal, St. Xavier College)
- Dr. Radhika Birmole (IQAC Coordinator)
- Dr. Jamson Masih (Treasurer)
- Dr. Ashish Uzgare (Vice Principal)
- Mr. Mahesh Shetti (Academic Dean)

CO-CONVENORS

- Mr. Shekhar Deodhar (Head, Dept. of Physics)
- Mr. Bandu Konde (Head, Dept. of Botany)
- Dr. Harishchandra Parbat (Head, Dept. of Chemistry)
- Dr. Sushant Mane (Head, Dept. of Zoology)
- Ms. Brijji Jacob (Head, Dept. of Mathematics)
- Mrs. Srilatha Ratnam (Incharge, Dept. of IT)

ORGANISING SECRETORIES

- Dr. Abhijit N. Kadam (Chemistry)
- Dr. Pooja Shinde (Botany)
- Dr. Ananya Bar (Zoology)
- Ms. Candida Silveira (Microbiology)
- Mr. Shubham Mourya (Physics)
- Ms. Anam Khan (IT)
- Dr. Teena Thomas (Mathematics)

SCHEDULE OF THE CONFERENCE

DAY 1

9.30am–10.30am: INAUGURAL CEREMONY AND ADDRESS BY PRINCIPAL; INTRODUCTION OF THE CONFERENCE
(A. V. Room)

10.30am–11.30am: Keynote Address by DR. GANESH KAMATH (Director, Organica Biotech)
(A. V. Room)
Theme: Environmental Protection and Sustainability

11.30am–12.30pm: Technical Session I DR. SUSANTA KUNDU (V.P., Excel Industry, Mumbai)
(online)
Theme: Why Waste 'Waste'?

12.30pm–1.30pm: Technical Session II DR. VIVEK PATKAR (Researcher and Ex-Operations Research Specialist, MMRDA)
(online)
Theme: Mathematical models Galore for shaping sustainable development

1.30pm–2.30pm: LUNCH BREAK

2.30pm–3.30pm: POSTER PRESENTATIONS
(online)

3.30pm–4.30pm: ORAL PRESENTATIONS
(online)

REGISTRATION DETAILS

- The last date for registration and abstract submission is 25th November 2023.
- Register through the link: <https://forms.gle/fLwVJ3ap5TmYwRyG9>
- Registration fee: Rs. 200/- only.
- Payment details:
 - 1.Account holder: WILSON COLLEGE NON SALARY EXP AC
 - 2.Account No.: 00900100019550
 - 3.Bank name: UCO bank
 - 4.Branch: Chowpatty, mumbai-07
 - 5.IFSC Code: UCBA 0000090
 - 6.MICR code: 400028005

DAY 2

9.30am–10.30am: Technical Session I PROF. VISWANATH PATIL (Chairman, BOS of chemistry, University of Mumbai)
(online)
Theme: Recycling of Lithium-Ion batteries for circular sustainable development

10.30am–11.30am: Technical Session II DR. GUNJAN PRAKASH (Associate Professor, Dept. of Center of Energy Biosciences, ICT, Mumbai)
(online)
Theme: Biotechnology based products and processes

11.30am–12.30pm: Technical Session III DR. NARSINH THAKUR (Sr. Principal Scientist and Head, Chemical Oceanography Division, AcSIR School of Oceanography)
(online)
Theme: Sustainable Utilization of Marine Living Resources

12.30pm–1.30pm: Technical Session IV DR. ANIL H GORE (Assistant Professor (Analytical Chemistry), Tarsadia Institute of Chemical Science, UKA Tarsadia)
(online)
Theme: Sustainable hydrogel for water/wastewater Treatment: A Circular Economy and Zero Waste Approach

1.30pm–2.30pm: LUNCH BREAK

2.30pm–3.30pm: POSTER PRESENTATIONS
(online)

3.30pm–4.30pm: ORAL PRESENTATIONS
(online)

4.30pm–5.30pm: CONCLUDING REMARKS BY PROF. B. A. CHOPADE (VICE-CHANCELLOR AND ADVISOR TO PRO-CHANCELLOR, AKS UNIVERSITY, SATNA) AND VALEDICTORY FUNCTION
(online)

IMPORTANT INSTRUCTIONS

- Every author/participant has to register individually.
- Only registered participants will get certificates of participation or presentation.
- Selected abstracts will be published in ISBN registered e-book.
- Best presentation certificates to top three presentations.

ABSTRACT SUBMISSION

- Abstract word limit: **250-300**
- Abstract font size: **12pt**
- Abstract font style: **Times New Roman**
- Abstract line spacing: **1.5 line spacing, Justified**
- Abstract title: **Times New Roman, 14pt, Centered, Bold, 1.5 Line spacing**
- Author's Name and Address: **Times New Roman, 12pt, Bold, Centered, 1.5 Line spacing**
- Author's affiliation: **Times New Roman, 10 Pt, Centered, E-mail ID should be provided after the address**

POSTER PRESENTATION

- Presentation mode: **Online, Single PPT slide**
- Poster dimensions: **A4, 21 cm x 30 cm**
- Time limit: **7 minutes presentation + 3 minutes Q/A**

ORAL PRESENTATION

- Presentation mode: **Online, Not more than 8 PPT slides**
- Time limit: **7 minutes presentation + 3 minutes Q/A**

