



Bangalore Humanitarian Technology Conference

IEEE B-HTC 2023

Venue: **NIEIT, Mysuru**

March 24-25, 2023

Theme:

SDG3: Good Health and Well-Being

Patrons

- Mr. Uday Shankar Bhyrappa, *Hon. Secretary, NIE, Mysuru.*
- Dr. Rohini Nagapadma, *Principal, NIE, Mysuru.*

General Chairs

- Dr. Alok Nath De, *Samsung, 2022 Chair-Elect, IEEE Bangalore Section.*
- Dr. Sudarshan Patil Kulkarni, *SJCE (JSSSTU), Mysuru, 2022 Chair-Elect, IEEE Mysuru Subsection.*

Organizing Committee

- Chair: Dr. Archana N V, *NIEIT, Mysuru, Treasurer, IEEE Mysore Subsection.*
- Co-Chair: Dr. Shobha K R, *MSRIT, Bangalore, ExeCom Member, IEEE Bangalore Section.*

Steering Committee

- Dr. Puneet Mishra, *Vice-Chair Professional Activities, India Council, 2020 Chair, IEEE Bangalore Section.*
- Dr. Parameshachari B D, *GSSSIETW, Mysuru, Chair, IEEE Mysore Subsection.*

Technical Program Committee

- Chair: Dr. Bindu Thomas, *VVIET, Mysuru, 2021 Chair, IEEE Mysuru Subsection.*
- Co-Chair: Dr. Sandeep Kumar K J, *NIEIT, Mysuru.*

Finance Committee

- Chair: Prof. Lokesh M, *NIEIT, Mysuru.*
- Co-Chair: Prof. M. G. Veena, *JSSSTU (SJCE), Mysuru.*

Industry Engagement Committee

- Chair: Dr. Shashidhar Dongre, *L&T Technology Services, India.*

Important Dates

- **Paper Submission Opens: Aug 15, 2022.**
- **Full Paper Submission: Nov 30, 2022.**
- **Paper Acceptance Notification: Dec 15, 2022.**
- **Final Manuscript Submission and Early Registration: Jan 21, 2023.**
- **Final Registration: Feb 28, 2023.**

Call for Papers

IEEE B-HTC 2023 is a premier annual cross-disciplinary conference that brings together technologists, engineers, and scientists as well as representatives from NGOs, government, academia, and the industry. The conference aims at promoting research and development on “**Sustainable Development Goal 3: Good health and well-being**” to ensure a healthy life and promote well-being for all ages.

B-HTC 2023 will be held at **NIE Institute of Technology (NIEIT), Mysuru, Karnataka, India** on **24 - 25 March 2023**. We are delighted to announce that the **IEEE Bangalore Section** and the **IEEE Mysuru Subsection** are co-hosting this prestigious conference. B-HTC 2023 will have plenary talks, keynote addresses by eminent experts, research paper presentations, events for Young Professionals, sessions on entrepreneurship and innovation, Industry exhibits, as well as industry and health facility visits.

TOPICS OF INTEREST

In recent times, significant strides are made in increasing life expectancy and reducing some of the common killers associated with child and maternal mortality. But more efforts are needed to fully eradicate a wide range of diseases and address many different persistent and emerging health issues. Paper submissions are encouraged with respect to the usage of **technology (sensors, algorithms, devices, and services)** that helps the following domains, but are not limited to :

- **Track-1: Physiological and mental health awareness**
 - Promoting health awareness
 - Mental health care
- **Track-2: Neonatal, Geriatrics and other specialized Healthcare**
 - Neonatal and Geriatric health care
 - Safety of health workers
- **Track-3: Technology around Food and Nutrition**
 - Quality check and tracking of food products
 - Detection and control of Malnutrition
- **Track-4: Tech-Enabling Healthcare Services**
 - Telehealth monitoring.
 - Provision of quality essential healthcare services at an affordable price
- **Track-5: Mitigating Health Hazards**
 - Pollution monitoring and control as well as its related health hazards
 - Road accident monitoring and reduction
- **Track-6: Control and Monitoring of Risks and Diseases**
 - Control and monitoring of communicable and non-communicable diseases
 - Early warning for risk reduction and management of national and global health risks
- **Track-7: Medical Devices, equipments and other products**

Presented papers are planned to be included in the Proceedings of IEEE B-HTC 2023 and in IEEE Xplore provided all the requirements are met.

For more details, visit: www.bhtc-2023.ieeebangalore.org



/IEEE BANGALORE SECTION



/IEEE BANGALORE SECTION



/IEEE BANGALORE SECTION



/IEEE BANGALORE SECTION



/IEEE BANGALORE SECTION