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SERB GRANTED

# International Symposium on Modern Technologies of Electronics, Computer and Electrical Engineering for Health (ISMTECEE-2024)

Under IEEE student branch (Code:12901)  
SERB GRANTED

29<sup>th</sup> Feb.-1<sup>st</sup> March 2024

Hybrid (Online + Offline)



Organised by

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Sagar Institute of Research & Technology Bhopal  
Ayodhya Bypass Road, Bhopal (M.P.) 462041 India  
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## About SIRT

SIRT Bhopal comes under the banner of SGI, which has its name under SAGE group.

SGI, Sagar Group of Institutions, Bhopal functions under the leadership of Er. Sanjeev Agrawal and patronage of Shri Agrawal Technical Education Society. It is located on Ayodhya Bypass Road, Opposite to Sagar Estates, Bhopal in close vicinity of posh residential colonies. SIRT is only 7 kms. from the Railway station, 6.5 kms. from main Bus Stand, 12 kms. from Airport and 2 kms. from BHEL Township. It embodies the following:

- Sagar Institute of Research & Technology (SIRT),
- Sagar Institute of Research & Technology – Excellence (SIRTE),
- Sagar Institute of Research, Technology & Science – Pharmacy (SIRTS-P),
- Sagar Institute of Research & Technology – Management,
- Sagar Institute of Research & Technology Excellence – Management,
- Sagar Institute of Research & Technology – MCA.
- SAGE University Indore.
- SAGE University Bhopal.

## About ISMTECEE-2024

Department of Electronics and Communication, SIRT, Bhopal is organizing a SERB granted Symposium on Modern Technologies of Electronics, Computer and Electrical Engineering for Health (ISMTECEE-2024) under IEEE student branch (STB12901). This symposium aims to bring together leading academic scientists, researchers and research scholars to exchange and share their experiences and research results on all aspects of modern and recent technologies of Electronics, Computer and Electrical Engineering and their application in health. It also provides a premier interdisciplinary platform for researchers, practitioners and educators to present and discuss the most recent innovations, trends, and concerns as well as practical challenges encountered and solutions adopted in the fields of Electronics, Computer and Electrical Engineering and their applications. Participants will develop a deep understanding of latest tools and technologies pertaining to latest topics and will get a chance to connect with other professionals in the field.

## Mode of paper presentation will be Hybrid (Online + Offline).

Selected Paper will be published in IJCA, USA having following indexing Google Scholar, Informatics, ProQuest CSA Technology Research Database, NASA ADS (Harvard Univ.), CiteSeer, UlrichWeb, ScientificCommons (Univ. of St Gallens), University of Karlsruhe, Germany, Georgetown University Library, University of Washington. IJCA journal link: <http://www.ijcaonline.org/>

Selected Paper will be published in STM Journals, India having indexing in Advanced Science Index (ASI), Cite Factor, Directory of Research Journals Indexing (DRJI), Genamics, Google Scholar, Index Copernicus, Journal TOCs, Publons, SJIF. STM journal link is <https://journals.stmjournals.com/> Accepted papers will also be published in Conference Proceeding having ISBN number of 978-81-954164-4-8.

## Topics of interest for health include (but not limited to):

- Healthcare Technologies
- Wearable Gadgets for health
- Artificial intelligence and machine learning for health
- Telemedicine
- Internet of Things (IoT) for health
- AR/VR healthcare
- Smart Implants
- Edge computing for health
- Computations for health

## AI Applications and Concerns of the Medical Community

- Nanomedicine

## 3D Bioprinting

- Internet of Medical Things (IoMT)
- Integration of Healthcare Systems with Big Data and Data Silos

## Universal Adoption of Telehealth

Remote patient Monitoring

- M health Technology
- Quantum computing.
- Blockchain technology.
- Internet of Things (IoT)
- Machine Learning
- Biometrics

- Wired and Wireless Communication
- 5G and 6G networks
- VLSI
- Augmented reality (AR) and virtual reality (VR) ...
- **Flexible electronics**
- **Digital scent technology**
- **Carbon nanotube field-effect transistor**
- Smart Grid

## Call for Papers

All papers must be original and not simultaneously submitted to another journal or conference. The following paper categories are welcome Authors can submit their paper through easy chair link: <https://easychair.org/conferences/?conf=ismtecee2024>

OR

Authors can submit their paper on [sagecon2k24@gmail.com](mailto:sagecon2k24@gmail.com)

OR

Upload paper on

[https://docs.google.com/forms/d/e/1FAIpQLSdrfZNOotVwrltm3HSuqKV9fgxn\\_j4\\_j\\_DmQFW\\_Cx4pdkxSrw/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSdrfZNOotVwrltm3HSuqKV9fgxn_j4_j_DmQFW_Cx4pdkxSrw/viewform?usp=sf_link)

## Important Dates

Conference Date: **29 Feb-1 March 2024**

Complete Paper Submission Deadline: **10 Feb. 2024**

Paper Acceptance Notification: **13 February 2024**

Last Date Of Registration: **15 February 2024**

Camera Ready Paper: **15 February 2024**

## Registration Details

Registration fees: **Rs.1000/- for IEEE members**

**Rs. 1200/- for non-IEEE members**

**60 \$ for nonresident Indian participants**

Registration form Link:

[https://docs.google.com/forms/d/e/1FAIpQLSd3PKNgBzp6X-fBvpwuSg5xlcb0iERilhq1SSy9aNUE4G4sWQ/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpQLSd3PKNgBzp6X-fBvpwuSg5xlcb0iERilhq1SSy9aNUE4G4sWQ/viewform?usp=sf_link)

At least one author of each accepted paper is required to register and present their work at the participants Certificate will be provided to registered participants and attendees.