

**Indian Institute of Information Technology  
Ranchi, Jharkhand, India**



**Announces**

**International Conference  
on**

**Global Mental Health and Public Health  
Challenges and Innovation (GMHPHCI'22)  
(Hybrid Mode)**



**(25<sup>th</sup> to 27<sup>th</sup> November, 2022)**

**Organized by**

**Indian Institute of Information Technology Ranchi**

**Chief Patron**

**Mr. Arun Jain**

Chairman, BoG-IIIT, Ranchi

**Patron**

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Director,  
IIIT Ranchi

**Convenor**

**Dr. Jayadeep Pati,**

Assistant Professor,  
IIIT Ranchi

**Co-Convenor**

**Dr. Shalini Mahato,**

Faculty,  
IIIT Ranchi

**Co-Convenor**

**Dr. Bam Bahadur Sinha,**

Assistant Professor,  
IIIT Ranchi

**About the Institute**

Indian Institute of Information Technology (IIIT) Ranchi is an Institute of National Importance under the Act of Parliament of India established in 2016. The major objective was to set up a model of education which could produce best in class human resources in IT and harness the multidimensional facets of information technology in various domains. The Institute is currently offering B.Tech (Hons.) degree in Computer Science and Engineering (CSE) and Electronics and Communication Engineering (ECE) as well as B.Tech CSE with specialization in Data Science and Artificial Intelligence and B.Tech ECE with specialization in Embedded Systems and IoT. The institute also offers M.Tech in Data Science and Artificial Intelligence, and M.Tech in Embedded Systems and IoT, as well as Ph.D programs.

**About the Conference**

Mental health issues negatively impact millions of people's lives globally. Mental health is an important issue with many challenges in investigation, diagnosis, treatment, monitoring, drug of choice, and side effects. Public health is the science and art of preventing disease, prolonging life and promoting health through the organized efforts and informed choices of society, organizations, public and private, communities, and individuals. Modern technologies like the Internet of Things (IoT), Artificial Intelligence (AI), Machine Learning (ML), and Deep Learning (DL), among others, could help to solve problems in the domains of mental health and public health.

GMHPHCI'2022 aims to bring together researchers, leading scientists, psychiatrists, psychologists, doctors, statisticians, and healthcare workers to share knowledge, present their novel ideas, and discuss the challenges and present novel solutions in the field of healthcare.

**Organizing Committee**

- **Dr. Dhananjay Bhakta**, IIIT Ranchi
- **Dr. Jitendra K. Mishra**, IIIT Ranchi
- **Dr. Santosh K. Mahto**, IIIT Ranchi
- **Dr. Shashi Kant Sharma**, IIIT Ranchi

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- **Dr. Basudeb Das**, Central Institute of Psychiatry, Ranchi, Jharkhand
- **Mr. Hesam Akbari**, Islamic Azad University, South Tehran branch, Tehran, Iran
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- **Dr. J Arul Valan**, Assistant Professor, NIT Nagaland
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- **Dr. Mahesh R. Panicker**, IIT, Palakkad.
- **Dr. Manjunath K V**, IIIT Dharwad, Karnataka.
- **Dr. Laith Abualigah**, Amman Arab University, Amman, Jordan
- **Dr. Nishant Goyal**, Central Institute of Psychiatry, Ranchi, Jharkhand.
- **Dr. Piyush Swami**, Technical University of Denmark, Kongens Lyngby, Denmark.
- **Dr. Prabhu Prasad**, IIIT Dharwad, Karnataka.
- **Dr. Pranesh Das**, NIT Calicut, Kerala.
- **Dr. Pramod Mane**, IIIT Dharwad.
- **Ms. Priyanka Sadhu**, Slalom, New York, USA.
- **Dr. Malik Yousef**, Zefat Academic College, Israel
- **Dr. Rakesh K. Sinha**, BIT Mesra, Ranchi, Jharkhand.
- **Dr. Sachi Nandan Mohanty**, Singidunum University, Serbia
- **Dr. Sanjay K. Munda**, Central Institute of Psychiatry, Ranchi, Jharkhand.
- **Dr. Sumira Malik**, Amity University Jharkhand, Jharkhand
- **Dr. Sushil K. Mandal**, IIIT Ranchi, Jharkhand.
- **Dr. Sourav Khanra**, Central Institute of Psychiatry, Ranchi, Jharkhand.
- **Dr. Surendiran B**, NIT Pondicherry.

- **Dr. Sunil Kumar**, Katholieke Universiteit Leuven, Belgium.
- **Dr. Smith Khare**, Aarhus University, Denmark.
- **Dr. Tarini Mandal**, IIIT Ranchi, Jharkhand.
- **Dr. Vandana**, Assistant Professor, IIM Sirmaur, Himachal Pradesh
- **Dr. Varun Bajaj**, IIITDM Jabalpur.

### Topic of Interest

Topics covered include but are not limited to:

#### Health care and Artificial Intelligence

- Machine learning for healthcare
- Diagnosis in medical imaging
- Deep learning for medical systems and applications
- Pattern recognition in biomedical applications
- Machine Learning in Bioinformatics
- Outbreak Prediction
- Advanced medical image retrieval and reconstruction
- Healthcare IOT and Smart Health Records
- Advanced molecular/pathologic image analysis
- Medicine recommendation using Chatbot
- Medical Imaging Diagnosis
- Big data in health care
- Learning with non-stationary data
- Time series analysis for Health care
- Computational and Cognitive Neurosciences
- Computational psychiatry
- Human activity recognition
- Image processing and computer vision and Healthcare
- Information security of Healthcare Data
- Robotics and control in Healthcare

#### Mental Health and Well-Being

- Psychiatry, and Neurological Sciences
- Medical consultation
- Climate change and mental health
- Community mental health services
- Legal aspects of mental health
- Neurology and Neurological Sciences
- Tele/online mental health
- Resilience at work
- Organizational well-being and neurosis

- Yoga and Mental Health
- Counselling and Mental health
- Stress, Burnout, and Wellbeing
- Disparities in healthcare access & outcomes
- Public health and vulnerable communities
- Rural healthcare & Social isolation

### Important Dates

- Paper/Poster Submission Deadline: **30<sup>th</sup> Sept 2022**
- Acceptance Notification: **10<sup>th</sup> Nov 2022**
- Registration Deadline: **15<sup>th</sup> Nov 2022**

### Proceedings

All the accepted abstract/paper/poster would be presented in the conference and all accepted papers would be published in ELSEVIER / SPRINGER / any other reputed publisher (Confirmation awaited)

### Registration Fees for Abstract/ Poster/ Full Paper Presentation

Category	Indian Delegates	Foreign Delegates
Student	INR 3000	USD 100
Faculty	INR 3500	USD 150
Industry	INR 5500	USD 200
Attendee	INR 2000	USD 50

NOTE: Lodging and food is not included in the registration fees.

Conference presentation certificate will be given only to the presenter. Additional registration needs to be done by co-authors for additional presenter certificate.

### Bank Details for Registration Fee Payment

**Bank Name:** SBI Namkum

**Name:** Indian Institute of Information Technology Ranchi

**Account Number:** 39114253842

**IFSC Code:** SBIN0009011

**CIF NO:** 90500315570

**MICR CODE:** 834002017

### Venue

Auditorium, IIIT Ranchi, Smart City  
JUPMI Building, 3rd Floor, Plant Plaza Road, Dhurwa,  
Ranchi, Jharkhand – 834004, India

### Registration Form (GMHPHCI' 2022)

Name ..... (In block letters)

Designation .....

Organization .....

Academic Qualification .....

Area/ Specialization .....

Address of Correspondence .....

Contact No. ....

E-mail .....

WhatsApp Number.....

**Payment Details:**

Payment Mode.....

Online Payment Reference number.....

Date of Payment.....

**Mode for attending the Conference: Online/Offline**

Date .....

**Signature of Applicant**

**Online Registration:**

<https://forms.gle/4bNpaFAjPVumh9cJ8>

**Conference Website:**

<https://gmhphci.netlify.app/>

**Submission Page:**

<https://easychair.org/cfp/gmhphci2022>

For any query:

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