

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



**Announces**

**International Conference  
on  
Global Mental Health and Public Health  
Challenges and Innovation (GMHPHCI'22)**



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

**Organized by  
Indian Institute of Information Technology  
Ranchi  
in Collaboration with  
National Association of Mental Health and Allied  
Health (NAMAHA) Foundation**

**Chief Patron**

**Mr. Arun Jain**

Chairman, BoG-IIIT, Ranchi

**Patron**

**Prof. Vishnu Priye**

Director, IIIT Ranchi

**Patron**

**Dr Updesh Kumar**

President, NAMAHA  
Foundation, Former  
additional Director of  
DIPR, DRDO

**Honorary Convenor**

**Dr. Rabindra Kumar  
Pradhan,**

Advisory NAMAHA  
Foundation &  
Associate Professor,  
IIT Kharagpur

**Convenor**

**Dr. Jayadeep Pati,**  
Assistant Professor,  
IIIT Ranchi

**About the Institute**

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 can produce best in class human resources in IT and harnessing 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 impacts millions of people's life 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 domain of mental health and public health.

GMHPHCI'2022 aims to bring together researchers, leading scientists, psychiatrist, psychologist, 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. The conference also strives to provide an opportunity for young researchers, academicians, and practitioners with multidisciplinary interests to meet and interact with members across a range of disciplines.

**Keynote Speakers**

- **Dr. Kalman J. Kaplan**, Professor. University of Illinois, Chicago, USA
- **Dr. Ceaser Merino Soto**, Professor University of San Martin, Lima, Peru
- **Dr. Reuven Gal**, Senior Research Fellow, Samuel Neaman Institute, Israel
- **Dr. Patryk Stecz**, Associate Professor, University of Lodz, Poland
- **Dr. Katarina Millova**, Associate. Professor. University of Ostrava, Czech Republic
- **Dr. Conrad Zygmunt**, University Lecturer, Helderberg College of Higher Education, Africa
- **Dr. Nishant Goyal**, Professor, Central Institute of Psychiatry (CIP), Ranchi, India
- **Dr. Sutanu Chakraborti**, Associate Professor, Computer Science & Engineering, IIT Madras, India.
- **Dr. Srinivasa Chakravarthy**, Department of Biotechnology, IIT Madras, India
- **Dr. Rakesh Kumar Sinha**, Professor and Head, Bioengineering and Biotechnology, BIT Mesra, Ranchi, India
- **Dr. Neeraj Sharma**, Professor & Coordinator, School of Biomedical Engineering, IIT (BHU), Varanasi, India.

**Organizing Committee**

- **Dr. Rabindra Kumar Pradhan**, Associate Professor, IIT Kharagpur
- **Dr. Jayadeep Pati**, Assistant Professor, IIIT Ranchi
- **Dr. Shalini Mahato**, Faculty, IIIT Ranchi
- **Mr. Debasis Biswal**, Managing Director, NAMAHA Foundation
- **Dr. Bam Bahadur Sinha**, Assistant Professor, IIIT Ranchi

**Technical Committee**

- **Dr. Jayadeep Pati**, Assistant Professor, IIITR
- **Dr. Dhananjay Bhakta**, Assistant Professor, IIITR
- **Dr. Bam Bahadur Sinha**, Assistant Professor, IIITR
- **Dr. Kirti Kumari**, Assistant Professor, IIITR
- **Dr. Tarun Biswas**, Assistant Professor, IIITR
- **Dr. Bharat Singh**, Assistant Professor, IIITR
- **Dr. Nidhi Kushwaha**, Assistant Professor, IIITR

- **Dr. Shalini Mahato**, Assistant Professor, IIITR
- **Dr. Shashi Kant Sharma**, Assistant Professor, IIITR
- **Dr. Jitendra Kumar Mishra**, Assistant Professor, IIITR
- **Dr. Santosh Kumar**, Assistant Professor Mahto, IIITR
- **Dr. Rajiv Kumar**, Assistant Professor, IIITR
- **Dr. Rashmi Panda**, Assistant Professor, IIITR
- **Dr. Puja Ghosh**, Assistant Professor, IIITR
- **Dr. Priyank Khare**, Assistant Professor, IIITR
- **Dr. Nishit Malviya**, Assistant Professor, IIITR
- **Dr. Priyabrat Garanayak**, Assistant Professor, IIITR
- **Dr. Sandhir Kumar Singh**, Assistant Professor, IIITR
- **Dr. Rohit Kandulna**, Assistant Professor, IIITR
- **Dr. Shashi Kant**, Assistant Professor, IIITR
- **Dr. Rishikesh Dutta Tiwary**, Assistant Professor, IIITR
- **Dr. Shahid Shadab Hassan**, Assistant Professor, IIITR

### Our Collaborators

National Association of Mental Health and Allied Health (NAMAH) Foundation  
<http://www.namahfoundation.co.in/>

### Important Dates

Abstract Submission Deadline	25 <sup>th</sup> Aug' 2022
Abstract Acceptance Notification	30 <sup>th</sup> Aug' 2022
Full Paper Submission Deadline	16 <sup>th</sup> Sept' 2022
Acceptance Notification	10 <sup>th</sup> Nov' 2022

### Topic of Interest

#### 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

#### Public Health Challenges

- Disparities in healthcare access & outcomes
- Public health and vulnerable communities
- Access to quality healthcare
- Rural healthcare
- Social isolation

#### Health care and Artificial Intelligence

- Machine learning for healthcare
- Diagnosis in medical imaging
- Deep learning for medical applications
- Machine Learning in Bioinformatics
- Outbreak Prediction
- Advanced medical image retrieval
- Big Data Analytics
- Smart Health Records
- Healthcare IoT
- Integration of E-Health and IoT
- Advanced molecular / pathologic image analysis
- Imaging biomarkers
- Medicine recommendation using Chatbot
- Medical Imaging Diagnosis
- Big data in health care
- Learning with non-stationary data
- Complex medical data and data analysis
- Data Collection

### Call for Symposium/ Workshop/ Seminar

Visit conference website for details: <https://ghci.netlify.app/>

### Registration Fees (Abstract Presentation, Full

### Paper Presentation, Poster Presentation)

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

### 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

Click the following link for online registration:  
<https://forms.gle/NeXT7xyLzy9AgZxHA>

### For any query:

Email: gmhphci\_22@iiitranchi.ac.in

Contact:

Ms. Hena Fatma: +91-9040392471

Ms. Hrit Kaushik: +91-9480389650