

Industry Academia Knowledge Alliance

A unit of Association of Knowledge Workers

and

APJ Kalam Technical University, Innovation Hub

Joint Conference cum exhibition on

“Emerging Technologies in Health Care Sector”

Date: 17-12-2022 from 9 am to 5 pm

**Venue: Fourth floor, Visvesaraiya Hall , APJ Kalam Technical University , Sector 11,
Jankpuram Extension, Lucknow**

Proposed Chief Guest: The Governor, U.P

Overview:

Industry Academia Knowledge Alliance (IACA), Lucknow is an organization established in 2006 by professionals to enable industry academia interaction through various forums. The members of this organization have played a stellar role alongside the Government of UP to create a vibrant startup ecosystem in UP.

I am happy to inform you that IACA, AKTU Innovation Hub, CBMR and KGMU are jointly organizing a one-day event on **“Emerging Technologies in Healthcare” on December 17, 2022.**

It is expected that 500 medical doctors, diagnostic companies, med-tech startups, IT professionals and students from the biomedical sector will participate. This is a unique event to enable industry-academy interaction in the area of affordable healthcare. Almost every sector of the industry has been impacted by technology, including the healthcare sector. Technological advancements in the healthcare industry have improved from diagnosis to treatment. New and advanced treatments are being created with the aid of emerging technology, which also enhanced speedy affordable care. Innovations such as robotics and artificial intelligence are fundamentally altering the environment and ushering in a new era of healthcare. Advanced health care technology has now established itself as a significant and thriving sector in the world economy by creating new job opportunities. The conference will address the significance of technology in healthcare sectors, including access to medical information and data, tele-medicine/tele-health, electronic health records that assist physicians, nurses and other caregivers in treating patients and lead to improved outcomes, health system savings, and even the economic growth. In India many startups and unicorns have developed healthcare equipment using Artificial Intelligence/Machine Learning, IOT, Data Analytics, Digitization. We intend to invite them to exhibit their products and sponsor the event.

Topline Healthcare Stats for India

1. Healthcare Industry to reach \$372 billions (Rs 30 lac Crores) in 2022

2. It is 4th largest medical device market in Asia
3. Public Health spending to grow to 2.5% of the country GDP by 2025
4. The Hospital Industry in India to have a CAGR of 16-17 % to reach \$ 132.8 billions by 2022
5. Medical devices market to reach \$11 billions by 2022
6. Non communicable diseases account for 70% deaths in India
7. 70% population live in villages with less than 30% of the healthcare infrastructure

Outcomes: Participants shall be able to:

- Bring about a better understanding on technologies to be adopted in future by the Medical fraternity.
- Examine the opportunities connected with IT based Start-ups in the healthcare sector.
- Have an understanding on vendors in the emerging technology equipment area.
- Appreciate the research contributions in this area
- Appreciate and acknowledge advances in Diagnostic Centers.
- Understand the dimensions related to the med-tech world.
- E certificate will be provided to the delegates

For whom:

- Individuals from Medical and Paramedical discipline
- Post graduate students e.g. Residents, M.S., MD, DNB, MDS from Medical Institutions
- P.G. Students and faculty related to emerging technologies from Engineering Colleges/Universities e.g. B.Tech and M.Tech/ MCA students learning AI/ML, Data Analytics, IOT, Cyber security and Cloud computing
- Innovation Centers affiliated to AKTU Innovation Hub

Resource Persons:

1. Faculty from KGMU and other Medical colleges/ Universities.
2. School of International Biodesign synergizing healthcare innovation and entrepreneurship (joint venture of IITK&KGMU)
3. IT Professionals, Faculty of Technical Colleges/ University
4. Startup and Unicorn companies in IT Healthcare in India
5. Diagnostic Centers
6. CSIR Units: CIMAP,CDRI,NBRI, CEERI Pilani

Delegate Fees Nil

Target participants: 500 numbers, Contact Persons

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