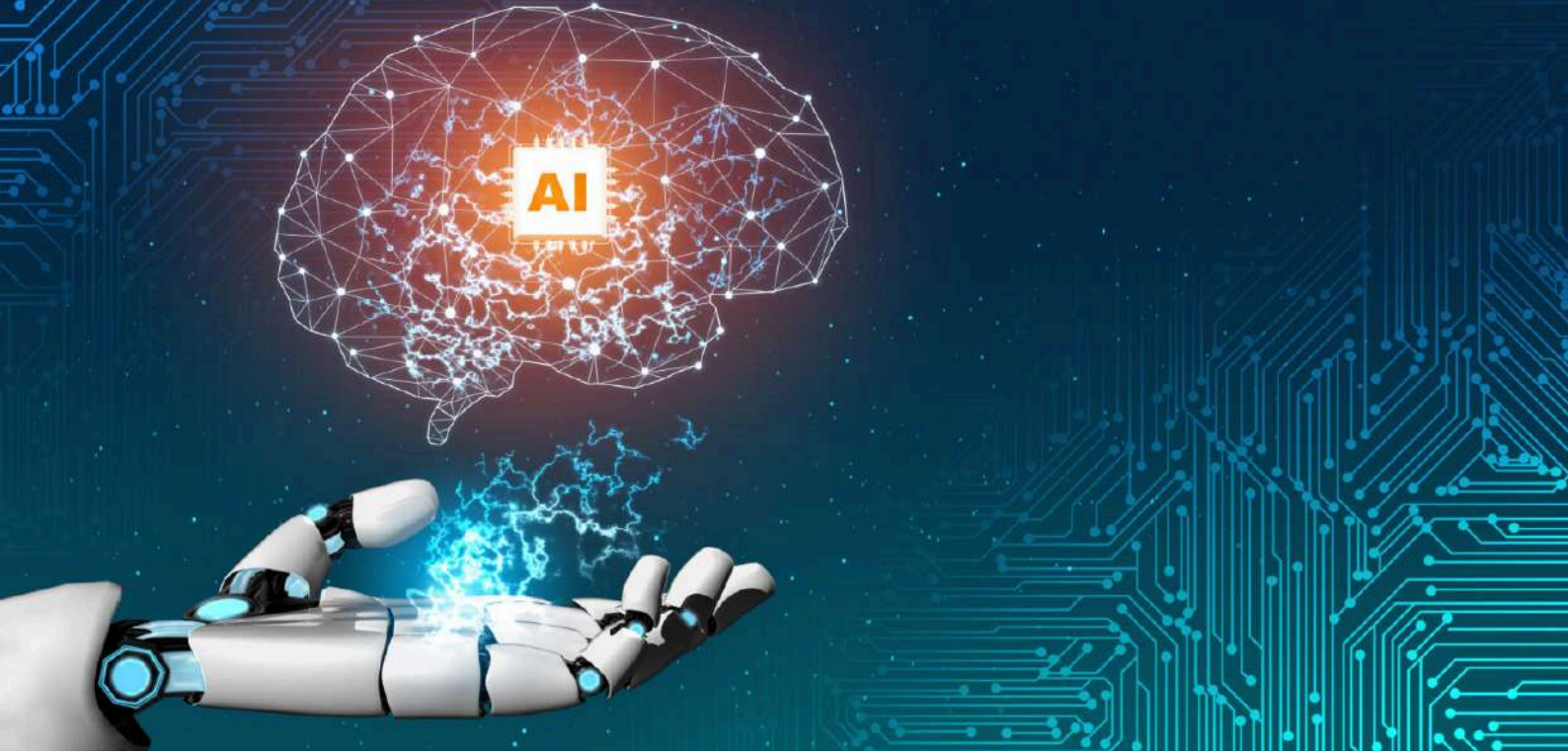
IIHMR BANGALORE | Institute of Health Management Research

ADMIRE IIHMR-BANGALORE
Advancing Digital Healthcare

Date & Time
14 June 2024, 02:30 PM
Venue
The Capitol Hotel, Bangalore

Summit Report



About Event

IIHMR Bangalore hosted the HealthTech Academia Summit, a premier event set to revolutionize the intersection of healthcare, technology, and Academia. This summit served as a melting pot for industry leaders, academic scholars, healthcare professionals, and tech enthusiasts, all coming together to explore the future of healthcare innovation.

Launch of PGDM – Artificial Intelligence & Data Science in Healthcare

A highlight of this summit was the groundbreaking launch of the Post Graduate Diploma in Management (PGDM) in Artificial Intelligence & Data Science in Healthcare. This program is the first of its kind in India and has received approval from the All India Council for Technical Education (AICTE). It is 2 years program which signifies a monumental step forward in integrating advanced technological education with healthcare management.

This unique PGDM program aims to equip students with the necessary skills and knowledge to excel in the rapidly evolving fields of AI and data science within the healthcare sector. The curriculum is designed to address the growing demand for professionals who can leverage AI and data analytics to improve healthcare delivery, enhance patient outcomes, and drive innovation in medical research and practice.

Event Schedule

01 **High Tea**
2.30 PM – 2.45 PM

02 **Welcome Address**
2.45 PM - 2.50 PM

03 **Keynote Address**
(Navigating the future- How AI and Data Science Reshaping Healthcare)
2.50 PM - 3.20 PM

04 **Setting up context**
3.20 PM - 3.30 PM

05 **Launch of the new Program PGDM-AI & Data Science in Healthcare**
3.30 PM - 3.45 PM

06 **Chief Guest Address**
3.45 PM - 4.00 PM

07 **Overview of the new Program**
(PGDM- AI and Data Science in Healthcare)
4.00 PM - 4.15 PM

08 **Coffee Break**
4.15 PM – 4.30 PM

09 **Panel 1: Building Blocks: Data Capture & Management in Healthcare**
4.15 PM - 4.55PM

10 **Panel 2: From Lab to Clinic: Innovations in AI & Data Science for Healthcare and Challenges**
4.55 PM - 5.35 PM

11 **Panel 3: Fostering Innovation: AI, Healthcare and Academia Partnerships**
5.35 PM - 6.15 PM

12 **Conclusion & Summary**
6.15 PM - 6.30 PM

13 **Closing Remarks**
6.30 PM - 6.45 PM

13 **Networking Dinner**
7. 20 PM - 8.30 PM

Welcome Address

Dr. Usha Manjunath, Director & Professor at the Institute of Health Management Research Bangalore (IIHMR Bangalore) extended a warm welcome to all attendees at the HealthTech Academia Summit. This pivotal event, featuring the launch of IIHMR Bangalore's new Post Graduate Diploma in Management - Artificial Intelligence and Data Science with specialization in healthcare, signifies a major step forward in merging technological education with healthcare management, preparing future leaders in this essential field.

Since 2004, IIHMR Bangalore has enhanced healthcare through research, training, and consultations, with our flagship PGDM program in Hospital and Health Management achieving 100% placements. The ADMIRE Center for Advancing Digital Health, inaugurated in 2022, underscores our institution's commitment towards digital health innovation. Dr. Manjunath emphasized collaboration, fruitful discussions, and advancing healthcare together, setting a strong tone for the summit.

Dr. Usha Manjunath

Prof. & Director

IIHMR Bangalore

Keynote Address

Dr. Uma Nambiar

CEO- Bagchi-Parthasarathy Hospital, IISc Bangalore

Dr. Uma Nambiar expressed her pleasure in being there at the summit and congratulated everyone. She emphasized regarding the rapid changes in healthcare, catalyzed by COVID-19. She highlighted the positive embrace of digital technology and the essential role of collaboration. While precision medicine had become a focus, she stressed the need to address basic issues like reducing care costs and reaching everyone in need.

Dr. Nambiar stated that AI was a potential disruptor in healthcare, offering tools to integrate and manage data from various sources. This approach was necessary for creating a comprehensive patient health record, emphasizing the importance of accurate and complete data management. She noted that failed AI models due to incorrect data highlighted the responsibility of healthcare providers in data collection.

Dr. Nambiar explained that AI tools could assist in complex decision-making, like modifying chemotherapy protocols based on remote patient data. While not replacing doctors, these tools provided significant support. However, concerns about privacy, ethics, and the "black box" problem persisted. She noted that 20-25% of data was often useless, making it crucial to engage with technology providers to design effective solutions. Dr. Nambiar emphasized the importance of actively developing necessary tools and ensuring data quality from the outset. Mastering data collection was crucial for successful AI integration in healthcare.

Keynote Address

1. **Navigating the Future:** "While it's good to look at the world from 50,000 feet, we must also remember to keep our feet on the ground at all times."
2. **Impact of COVID-19 on Healthcare:** She emphasized that one positive outcome is the enduring embrace of digital technology and the recognition of underlying tensions. She continued saying that doctors have realized the importance of collaboration and the necessity of avoiding working in silos.
3. **The Promise of AI:** AI and other technological tools offer potential solutions to long-standing healthcare challenges, such as reducing care costs and expanding access. The ultimate goal is to achieve precision medicine, but this requires accurate and comprehensive data management.
4. **Complexity of Healthcare:** Healthcare is complex, involving multiple stakeholders and data sources. Effective integration of these elements is essential for informed decision-making. She also added saying that achieving a unified patient health record is crucial for seamless care delivery.
5. **Shared Responsibility:** The responsibility for successful digital health implementation lies with all healthcare professionals, not just the government. Proper data management is critical, and AI can enhance this process by leveraging large volumes of data for faster and more accurate decisions. "ABDM is the dream project of our country, and it is the responsibility of all of us to make this succeed because it's not the government that is going to make digital health a reality for every citizen of this country. It is all of us in the domain of healthcare."
6. **Importance of Accurate Data:** The quality of AI-driven decisions depends on the accuracy and completeness of the input data. Incomplete or incorrect data can lead to failures in AI applications. Therefore, healthcare providers must ensure accurate data collection and actively engage with technology developers to create useful tools.
7. **Digital Transformation:** Digital transformation in healthcare revolves around smart data management. While there are significant benefits to AI-driven tools, concerns about data privacy, ethical issues, and the reliability of AI decisions persist. Engaging with technology providers to develop effective solutions tailored to healthcare needs is crucial.
8. **Mastering Data Collection:** Ultimately, mastering data collection is fundamental to leveraging AI in healthcare. It's essential to train users in data management and connected health to ensure the successful implementation of digital tools. "When do I say that we've really arrived? When we mastered the art of data collection... It is like trying to land a plane without ILS in the fog of Delhi." “No data, No AI”

Setting the Context

Dr. S. Sadagopan

Visiting Distinguished Professor,
IIHMR Bangalore.
Former Director, IIIT-Bangalore

Prof. Dr. Sadagopan kicked off the HealthTech Academia Summit with a fascinating journey through the history of AI! From the "AI Winter" of 1967 to the game-changing Watson AI System to the evolution to today's marvels like Open AI's ChatGPT. He shared Satya Nadella's futuristic vision where machines take care of machines, freeing humans for more meaningful connections.

This highlights the enduring importance of education and healthcare. Prof. Dr. Sadagopan also spotlighted the powerful collaboration between engineers and doctors during the COVID-19 pandemic, leading to incredible breakthroughs. Wrapping up, he beautifully compared AI to nature and data to nurture, underscoring the necessity of both for successful outcomes. With the vast amount of data available now, he emphasized AI's potential to transform healthcare.

Dr. C.S. Kedar, former Director General ESI, set a compelling context for the HealthTech Academia Summit. Emphasizing the critical role of data in public health policy, he highlighted the extensive data collection initiative that began during his tenure, amassing 12 years of data for 6 crore Indians. Dr. Kedar urged the integration and analysis of this data to inform public health strategies, addressing various health issues managed by ESI and IIHMR.

Dr. C. S. Kedar, IAS (Retd)

Senior Advisor, IIHMR Bangalore
Former Director General, ESIC

He underscored the importance of data-driven decision-making in healthcare, advocating for the use of AI and advanced analytics to transform raw data into actionable insights. By improving data accessibility and usability, healthcare administrators can make informed decisions, enhancing the efficiency and effectiveness of health services.

Dr. Kedar also touched upon the challenges faced by hospitals, particularly the need for systematic data utilization to manage resources and patient care effectively. He envisioned AI as a force multiplier, enabling existing medical personnel to extend their reach and impact significantly. Concluding his address, Dr. Kedar called for a collaborative effort to harness data for public health, advocating for seminars and continuous dialogue to advance this goal. His insights set a powerful foundation for the summit, highlighting the transformative potential of data and technology in healthcare.

Launch of PGDM – AI & Data Science in Healthcare

Chief Guest Address

Shri. Darshan H V IAS

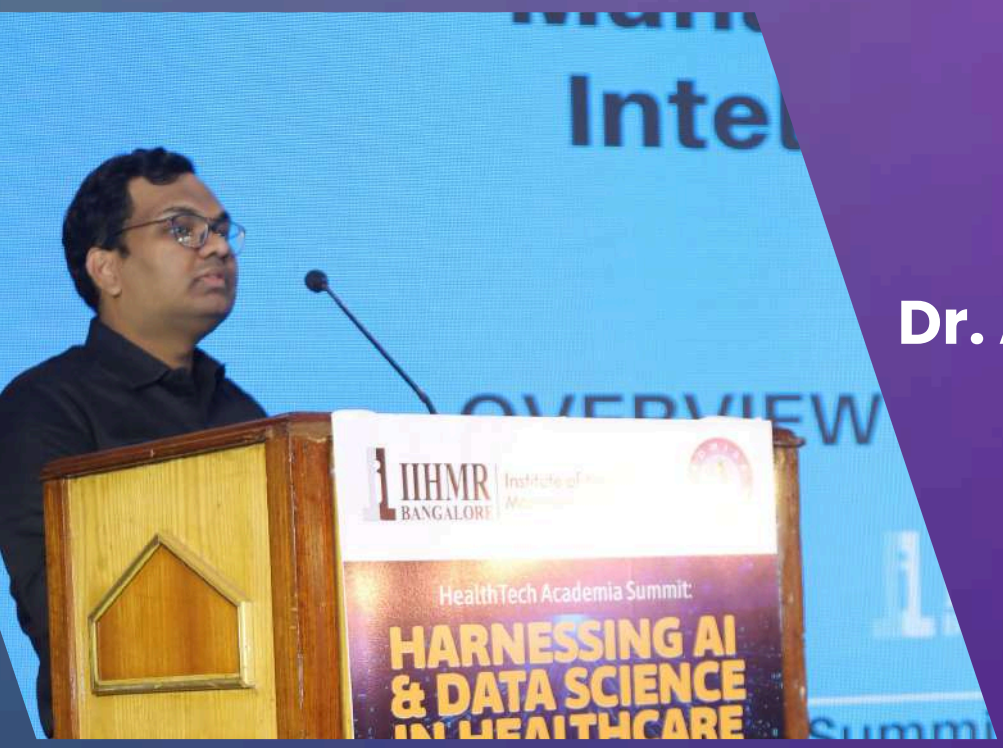
Director- Department of Electronic, IT & BT, Govt. of Karnataka
Managing Director - KITS, Govt. of Karnataka

Shri. Darshan, an esteemed IAS officer of the 2016 batch and current Director of the Department of Electronics, IT, and BT, as well as Managing Director of the Karnataka Innovation and Technology Society (KITS), set the context for the HealthTech Academia Summit with an insightful address.

Highlighting the crucial intersection of data science and healthcare, Shri. Darshan emphasized the importance of ethical data collection and usage, underscoring the challenges and opportunities in navigating data privacy and governance. He detailed the state's initiatives, including Centers of Excellence in HealthTech and MedTech, aimed at fostering industry and academia collaborations.

Shri. Darshan also discussed the role of AI in enhancing decision-making and minimizing human error in healthcare. He stressed the need for robust data repositories, governance frameworks, and skilled personnel to effectively leverage AI. By addressing the importance of interoperable health systems and the repeated use of data for improved decision-making, he highlighted the department's commitment to integrating advanced technologies in public health. His address concluded with a call for continued collaboration and knowledge sharing to propel Karnataka as a leader in health innovation.

Overview of Program



Dr. Akash Prabhune

Assistant Professor & Lead
IIHMR Bangalore

With the launch of our new Post Graduate Diploma in Management program in Artificial Intelligence (AI) and Data Science. Dr. Akash Prabhune introduced the program's aim to bridge the gap between healthcare management and advanced technologies, aligning with the growing need for skilled professionals in digital health. He talked about the genesis of the program, market research that went into identifying the skills required by the new gen professionals in the healthcare industry. He provided an overview into program, briefing about the philosophy behind the curriculum design to integrate healthcare principles with AI and data science, emphasizing real-world applications and interdisciplinary learning.

Dr. Prabhune discussed the program's structure which includes foundation courses in healthcare management and progresses to specialized AI and data science applications in healthcare. The course covers topics like machine learning, big data analytics, healthcare financing, and the use of AI in supply chain management. Practical training is a key component, with a three-month summer internship and a dissertation project to ensure hands-on experience.

The program targets graduates from engineering, computer science, mathematics, commerce, economics, and medical fields. With an intake capacity of 30 students, the course offers state-of-the-art facilities, expert faculty, and strong industry linkages. Graduates will be equipped to drive innovation, ensure data-driven decision-making, and address industry challenges effectively, positioning them as valuable assets in the evolving healthcare landscape.

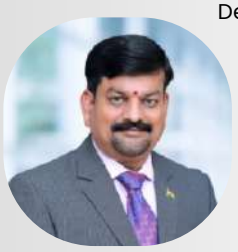
Panel 1 | Building Blocks: Data Capture & Management in Healthcare

Dr. Lakshmi Sethuraman
Partner and Head- Health Practice at Sattva
Panel Moderator

Ms. Kameshwari Kanchana Nimishakavi
Lead - Data & AI upskilling
Philips

Dr. (Inv) Prof Vishal U S Rao
Country Director - Head Neck Surgical Oncology & Dean Centre for Academic Research

Dr. Parul Naib
AI/ML and Public Health specialist



Dr. Sundara Kumar
Medical Informatics Officer & Consultant Pulmonologist
GKNM Hospital

INSIGHTS

Principles of Data Management:

Effective data management in healthcare hinges on several foundational principles: accuracy, timeliness, completeness, usability, consent, and privacy. These principles collectively ensure that healthcare data is reliable, readily accessible, and actionable for medical professionals while safeguarding patient trust and adhering to legal standards. Accuracy ensures that data reflects true patient conditions and outcomes, crucial for informed decision-making and treatment planning. Timeliness guarantees that data is available when needed, facilitating prompt interventions and care adjustments. Completeness ensures that all relevant information is captured, providing a holistic view of patient health history and trends. Usability focuses on making data intuitive and accessible to healthcare providers, enhancing its practical value in clinical settings. Consent and privacy are paramount, respecting patients' rights to control their health information and protecting against unauthorized access or breaches.

Panel 1 | Building Blocks: Data Capture & Management in Healthcare

Practical Implementation Challenges:

Healthcare practitioners encounter significant challenges in implementing effective data management systems. Managing complex datasets remains a hurdle, requiring strategies to handle diverse types of medical data effectively. Starting with small, reliable datasets allows for gradual system refinement and scalability. Hospital management faces the task of securing top-level support and clinician engagement to successfully integrate electronic medical records (EMRs) and digital systems. Overcoming initial resistance from clinicians, who may prefer traditional methods, necessitates demonstrating the benefits of digital tools in enhancing patient care and operational efficiency. Addressing data security and quality issues is critical to prevent breaches and ensure data accuracy for clinical decision support. Standardizing data collection practices helps maintain consistency across healthcare settings, supporting interoperability and data-driven insights. Tackling biases in artificial intelligence (AI) models is essential to ensure fair and unbiased healthcare outcomes.

Recommendations for Effective Data Management:

To foster effective data management in healthcare, several strategic recommendations are crucial. Educational initiatives should prioritize training healthcare professionals on data governance, security protocols, and the benefits of digital transformation. Standardized coding practices and data entry guidelines enhance data consistency and reliability. Incentivizing accurate data reporting encourages adherence to data quality standards, improving overall data integrity. Continuous monitoring systems should be implemented to detect and mitigate data breaches or inaccuracies promptly. Pilot projects allow for iterative testing and refinement of data management systems before full-scale deployment, minimizing risks and optimizing outcomes.

Panel 1 | Building Blocks: Data Capture & Management in Healthcare

Future Outlook:

Looking ahead, the integration of AI and machine learning (ML) holds promise for advancing healthcare data management through predictive analytics and preventive care strategies. However, ensuring equitable data use and addressing challenges specific to India such as data management quality, literacy barriers, and security concerns are imperative. Establishing robust data frameworks that encompass data acquisition, anonymization, and respect for patient consent is essential. Proactive patient education on data usage and privacy rights, particularly in public health initiatives, is crucial despite varying literacy levels. While AI enhances diagnostic capabilities, maintaining human oversight remains pivotal for sound clinical decision-making, ensuring that AI augments rather than replaces medical expertise. Embracing AI within clinical decision support systems enhances efficiency and improves patient outcomes, affirming its role as a supportive tool in advancing healthcare delivery.

Panel 2 | From Lab to Clinic: Innovations in AI and Data Science for Healthcare and Challenges

Mr. Srikrishna
Co-Founder & Chief Product Officer Previu.Health
Panel Moderator

Praveen Srivatsa
Director THINKAR Foundation

Mr. Kalyan Sivasailam
Co-Founder- 5 C Network

Dr Pallavi Rao
Senior Scientific Officer, Image Core Lab

INSIGHTS

Role and Application of AI in Radiology:

- Positive Impact: AI reduces errors, enhances efficiency, and improves patient care across the radiology workflow.
- Examples: AI enhances MRI quality, aids foetal imaging with 3D rendering, and assists in procedures like lumbar punctures.
- Limitations: AI currently supports radiologists by flagging potential cases but does not independently diagnose.

Challenges in AI Implementation:

- Education and Acceptance: Continuous education is crucial to address job displacement concerns and build trust in AI among medical professionals.
- Regulatory Hurdles: Certification challenges due to data quality variability and ethical considerations hinder widespread AI adoption in clinical settings.

Panel 2 | From Lab to Clinic: Innovations in AI and Data Science for Healthcare and Challenges

AI in Tele-radiology:

- Workflow Optimization: AI speeds up tele-radiology reporting through advanced speech-to-text capabilities, allowing radiologists to focus on analysis.
- Adoption Challenges: Slow adoption persists due to trust issues and the gradual integration of AI into clinical practices.

Future AI Trends in Healthcare:

- Unified AI Models: Integration of image, speech, and text inputs aims to enhance diagnostic accuracy in real-time.
- Real-time Applications: Moving towards real-time AI applications can aid in surgical procedures and diagnostics.
- Building Trust: Establishing trust in AI technologies is crucial for widespread adoption and effective implementation in healthcare.

Panel 2 | From Lab to Clinic: Innovations in AI and Data Science for Healthcare and Challenges

Recommendations and Insights:

- Collaboration: Effective AI integration requires collaboration among technology developers, healthcare providers, and regulators for patient safety and optimal outcomes.
- Patient-Centric Approach: AI solutions should prioritize patient care and streamline clinical workflows.
- Overcoming Challenges: Addressing data management, ensuring continuous education, and navigating regulatory landscapes are key for successful AI implementation in healthcare.

Panel 3 | FOSTERING INNOVATION: AI, HEALTHCARE & ACADEMIA PARTNERSHIPS

Dr. Satish Prasad Rath
Physician-Scientist-Entreprenuer,
Digital Health Coach.
Co-founder & Director SKIDS
Panel Moderator

Dr. Shashi Bhaskar
Director of Clinical
Education & Intensivist at
Cloudphysician

Prof. Uday Birje
Founder Think Street
Technologies

Dr. Ayushi Tandon
Assistant Professor,
Mahindra University

Ms. Anasuya Mohan Rao
Clinical Partnerships Leader,
Growth Region, Philips

INSIGHTS

Increasing Adoption of AI in Healthcare:

In the integration of AI in healthcare, significant advancements and challenges were highlighted. A striking statistic revealed a substantial increase in FDA submissions for generative AI algorithms, indicating a 250% rise over the last six months compared to previous years. This surge underscores a growing trend towards AI innovation in healthcare, particularly in fields like intensive care where real-time data and predictive analytics are crucial.

Challenges in Data Availability and Integration:

Despite AI's rapid evolution, challenges persist in data acquisition and integration from healthcare providers. Data availability remains a hurdle, especially in rural and underserved areas where access to advanced healthcare technologies and data infrastructure is limited. This disparity poses a significant challenge in developing AI solutions that are inclusive and beneficial across diverse patient populations.

Panel 3 | FOSTERING INNOVATION: AI, HEALTHCARE & ACADEMIA PARTNERSHIPS

Bridging the Gap between Clinicians and Engineers:

Panelists emphasized the critical partnership between clinicians and engineers in developing effective AI solutions. The collaboration aims to enhance patient care through innovations such as predictive modeling and real-time monitoring systems. However, effective communication between these two domains remains essential. Engineers need to understand clinical requirements thoroughly, and clinicians must articulate their needs effectively to ensure AI solutions are both technologically robust and clinically relevant.

Recommendations for Effective Data Management:

Panelists emphasized the critical partnership between clinicians and engineers in developing effective AI solutions. The collaboration aims to enhance patient care through innovations such as predictive modeling and real-time monitoring systems. However, effective communication between these two domains remains essential. Engineers need to understand clinical requirements thoroughly, and clinicians must articulate their needs effectively to ensure AI solutions are both technologically robust and clinically relevant.

Ethical Considerations in AI Development:

A focal point of discussion was the ethical implications of AI in healthcare. Panelists underscored the importance of developing AI systems that prioritize patient safety, uphold ethical standards, and mitigate biases. Issues of data privacy and patient consent were highlighted as critical areas where stringent ethical guidelines are necessary to ensure AI applications are deployed responsibly.

Panel 3 | FOSTERING INNOVATION: AI, HEALTHCARE & ACADEMIA PARTNERSHIPS

Regulatory and Operational Challenges:

Regulatory compliance emerged as a significant challenge in deploying AI solutions globally. Panelists stressed the need for standardized protocols and regulatory clearances across different regions to facilitate the widespread adoption of AI technologies in healthcare. Operational challenges, such as integrating AI into existing hospital workflows and ensuring interoperability with other healthcare systems, were also discussed as crucial factors for successful AI implementation.

Conclusion & Closing Remarks

As we prepared to close the curtains on this incredible event, we welcomed Mr. Vinay Srihari to the stage amidst a warm round of applause for his closing remarks. Mr. Vinay, with his profound insights and expertise, graciously took the stage to reflect on the remarkable moments we shared throughout the event. His words resonated deeply with everyone present, encapsulating the spirit of innovation, collaboration, and camaraderie that defined our time together.

Mr. Vinay Srihari
Assistant Professor
IIHMR Bangalore

Mr. Sachin S Bhat
Assistant Professor &
Program Manager
IIHMR Bangalore

It was truly an honor to invite Mr. Sachin S Bhat to the stage. Mr. Bhat, a beacon of gratitude, delivered a heartfelt vote of thanks, expressing our collective appreciation for the contributions that made this day possible. As Mr. Bhat stood before us, his words echoed the sentiments of each and every one of us, acknowledging the dedication, hard work, and tireless efforts of everyone involved in orchestrating this remarkable event. From the organizers and volunteers to the speakers, sponsors, and attendees, Mr. Bhat extended his heartfelt gratitude to all who played a part in making this event a resounding success.

Chief Patrons:

Dr. S. D. Gupta
President
IIHMR Society

Dr. S. Sadagopan
Visiting Distinguished Professor
Former Director, IIIT-Bangalore

Dr. C. S. Kedar, IAS (Retd)
Senior Advisor
Former Director General, ESIC

Dr. Usha Manjunath
Professor & Director
IIHMR Bangalore

As we embark on this exciting journey to transform healthcare education and practice through the power of artificial intelligence and data science. This event was not just a gathering but a catalyst for change, aiming to pave the way for a healthier, tech-driven future.

About IIHMR Bangalore

Institute of Health Management Research, Bangalore (IIHMR, Bangalore) is a premier Institute for Hospital and Health management education in South India. IIHMR Bangalore has a legacy over a decade for imparting Health and Hospital management education, Training and Research activities in South India. IIHMR, Bangalore offers 2 years full-time PGDM (Post Graduate Diploma in Hospital and Health Management) programme with specializations in Hospital Management, Health Management and Healthcare Information Technology (HIT). Our PGDM program is approved by AICTE, GoI; NBA accredited and accorded MBA equivalency by Association of Indian Universities (AIU). IIHMR Bangalore aims in providing leadership and competency building among health/hospital managers, planners, decision-makers, trainers, and research scientists at the national and international levels. The Learning and Development Centre at IIHMR Bangalore strives to bridge gap in skill and knowledge between professionals/students and healthcare Industry. The Institute is accredited by NABET, QCI as a consulting organization for NABH.

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Glimpses of the Event

Credits

Organizing team:

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Prof. & Director
IIHMR Bangalore

Mr. Piyush Kumar
Associate Professor
IIHMR Bangalore

Mr. Sachin S Bhat
Assistant Professor & Program Manager ADMIRE
IIHMR Bangalore

Dr. Sarala R
Professor
IIHMR Bangalore

Dr. Akash Prabhune
Assistant Professor & Lead ADMIRE
IIHMR Bangalore

Mr. Somanna A T
Admin Officer
IIHMR Bangalore

Mr. Vinay Srihari
Assistant Professor
IIHMR Bangalore

Mr. Arun Kumar
System Administrator
IIHMR Bangalore

Dr. Deepashree
Assistant Professor
IIHMR Bangalore

Mr. Vargees
Executive – IT
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Thanks to all Faculty and Staff team of IIHMR Bangalore for supporting and making the event grand success

CENTRE FOR ADVANCING DIGITAL HEALTH

ADMIRE

For Scalable and Sustainable Digital Healthcare

Advancing **D**igital Healthcare **M**anagement **I**nnovation **R**esearch **E**ntrepreneurship

ABOUT US

Welcome to ADMIRE - Centre for Advancing Digital Health

In today's rapidly evolving healthcare landscape, the integration of digital technologies has become more critical than ever. The emergence of ADMIRE - Centre for Advancing Digital Health stems from a pressing need to address the challenges and opportunities that digital healthcare presents.

ADMIRE - Centre for Advancing Digital Healthcare at IIHMR Bangalore is a unique space that combines the expertise of IIHMR Bangalore with experts from "Silicon Valley of India". We bring together the brightest minds, state-of-the-art infrastructure, and the latest technology driven innovation to improve healthcare outcomes. With a focus on Skilling, Research, Data, and Innovation, we're poised to shape the future of healthcare globally.

Our four key focus areas, the " MedTech Testing and Skilling Hub," "Research and Development Hub," "Digi Health Data and AI (DHDAI) Lab," and "Institution Innovation Cell," are at the forefront of revolutionizing the way healthcare is delivered.

Core Team

Dr. Usha Manjunath
Professor & Director
IIHMR Bangalore

Mr. S Srikrishnah
Domain Expert
IIHMR Bangalore

Dr. Akash Prabhune
Assistant Professor &
Lead ADMIRE
IIHMR Bangalore

Dr. Amita Mukhopadhyay
Professor
IIHMR Bangalore

Dr. Pankaj Rahi
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IIHMR Bangalore

Dr. Deepashree M R
Assistant Professor
Lead Experiential Centre
IIHMR Bangalore

Mr. Vinay R Srihari
Assistant Professor
IIHMR Bangalore

Mr. Sachin S Bhat
Assistant Professor &
Program Manager
ADMIRE
IIHMR Bangalore

Our Mentors

Dr. S. D. Gupta
Trustee Secretary
IIHMR Society

Dr. S. Sadagopan
Visiting Distinguished Professor
Former Director, IIIT-Bangalore

Dr. C. S. Kedar, IAS (Retd)
Senior Advisor, IIHMR B
Former Director General, ESIC

Advisers

Dr. Shyam Vasudev Rao
Founder - Renalyx

Mr. Mohanram Natarajan
Former DG ERNET India

Dr. Uma Nambiar
CEO - Bagchi Parthasarthy Hospital, IISc

Mr. Praveen Srivatsa
Director,
Asthrasoft Consulting

Dr. Vishal Rao
Head Neck Surgical Oncology,
HCG Cancer Centre, Bengaluru

Dr. Shashi BK
Director, Clinical Education,
Cloudphysician and Intensivist

Dr. Satish Prasad Rath
Physician-Scientist-Entrepreneur,
Digital Health Coach

Mr. Mohan Kumar
Retd Director-Projects
IQVIA

Skilling Hub

Empowering Healthcare Professionals

Our Skilling and MedTech Testing Hub is dedicated to enhancing the skills and competencies of healthcare professionals. We offer a wide range of training programs, workshops, and hands-on experience to ensure that the healthcare workforce is well-equipped to harness the power of digital technologies in patient care. We also provide a comprehensive platform for evaluating and validating cutting-edge medical technologies

- Executive Programs
- Certificate Programs
- Customized Programs

Duration
3 Months to 9 Months

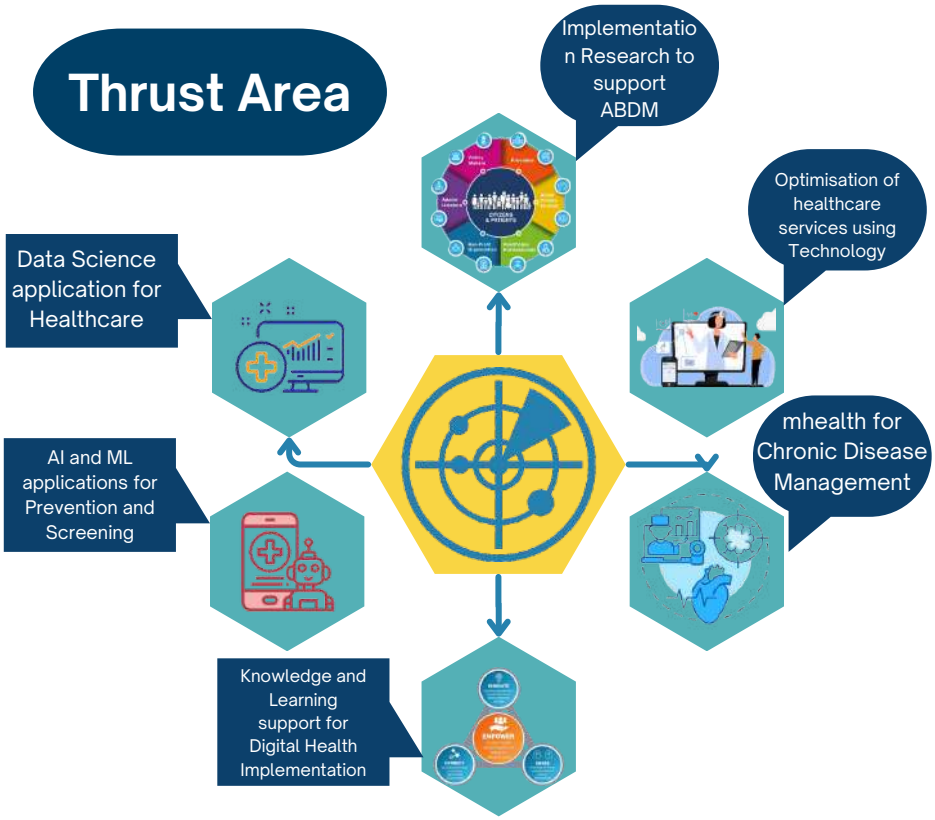
Mode
Hybrid

Course Credit

Research and Development Hub

Driving Innovation Through Research

Thrust Area



At ADMIRE, innovation is not just a buzzword; it's a way of life. Our Research and Development Hub is a hotbed of groundbreaking research, fostering collaboration among multidisciplinary teams. We encourage innovation in medical devices, treatment protocols, and healthcare management. Our cutting-edge facilities provide the ideal environment for turning ideas into reality.

Digi Health Data and AI (DHDAI) Lab

Harnessing the Power of Data and AI

In the age of data-driven healthcare, our Data and AI Lab is a pivotal component of ADMIRE. Here, we employ advanced analytics, machine learning, and artificial intelligence to uncover insights, improve patient care, and streamline operations. Our mission is to transform data into actionable knowledge for the betterment of healthcare.

- Training on Data Analytics and Visulaisation
- Build Healthcare Solution through Machine Learning
- Develop Artificial Intelligence continuous Leaning Data Pipeline
- Develop Healthcare Operations Optimisation Models
- Research & Innovation

Incubation Cell

Cultivating Innovation

The Institute Incubation Cell at ADMIRE is where brilliant ideas meet execution. We provide resources, mentorship, and a supportive ecosystem for entrepreneurs, startups, and researchers to turn their innovative concepts into real-world solutions. We believe that innovation is the driving force behind healthcare transformation.

Collaborations

BOSCH Invented for life | Bosch Global Software Technologies | alt_future

Maastricht University

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B. N. M. Institute of Technology
Affiliated to V.T.U, Belgaum | Approved by A.I.C.T.E, New Delhi

VPS healthcare | burjeel hospital

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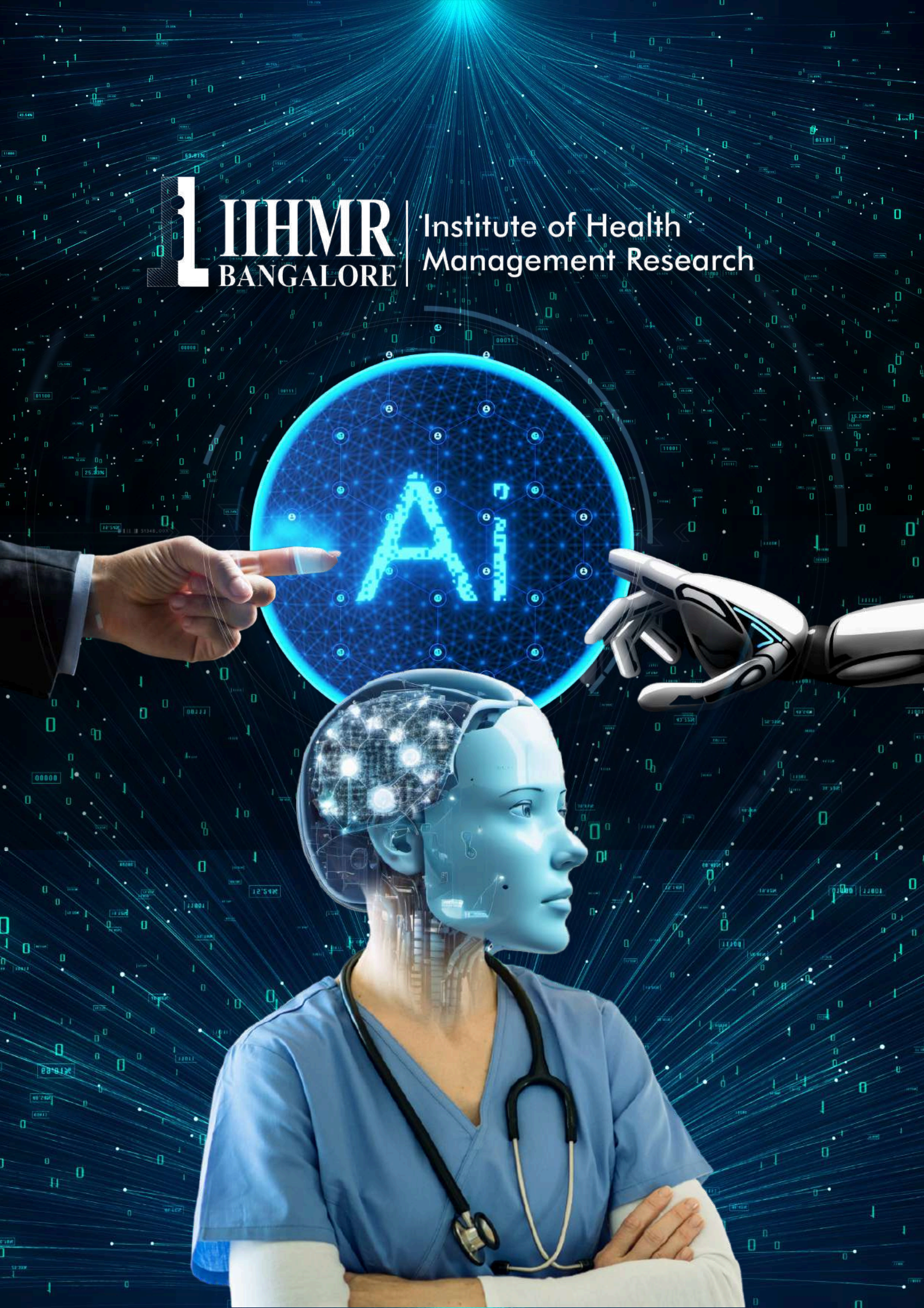
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