



SYNAPSE

International Institute of Health Management and Research, Delhi

Monthly e- Newsletter

Issue No: 97

Period: January – March 2019

Date of Issue: 19th September 2019

News from the Campus

A six-day training program on **Hospital Administration and Management** was initiated and organized for Medical Officers of ONGC (Oil and Natural Gas Corporation Ltd) Academy, Dehradun in two batches. The first batch of the training was commenced on 25th February with 16 participants and lasted until 2nd March. The second batch was started with 17 participants from 25th March to 30th March. The objective of the program was to familiarize the participants with various aspects of Hospital Administration like day to day issues in Hospital and Health Administration and Management; Managing Modern Hospitals; Governing Board and Medical staff organization; Leading and Managing Team; Staff Mentoring; Hospital Management Information System; Bio-Medical Waste Management; Hospital Support Services; Outreach Strategies for Community Health Planning; Hospital Supplies and Equipment Management; Developing SOPs for quality assurance, patient services, medical treatment and other department activities; Legal and Ethical Issues in Hospitals; Emergencies Service and Disaster Preparedness; Quality Assurance and Patient Satisfaction; Budget planning; HRM- Recruitment and training of Doctors, nurses and paramedical staff by the industry experts. Field visits were arranged at **AIIMS** for the first batch and **Venkateswar Hospital** for second batch to help participants have practical demonstration modern hospital management.

A two-week training program on **Urban Health Planning and Management** was organized for 40 participants at International Institute of Health Management Research, New Delhi in two batches. Topics related to Urban Health, challenges in urban health, disease burden and health needs in urban areas, developing health plan for urban health, waste management in cities, program implementation, monitoring and evaluation techniques, procurement process, public private partnership, health insurances, emergency preparedness, community mobilization etc. were discussed and explained to the participants by the experts from the industry. An interactive learning approach involving group work was adopted for the sessions coupled with field visits to Urban Health Centre, Delhi and Urban Health Resources Centre, Agra to expose the participants to the practical aspects of Urban Planning. Pre- and post-training tests were conducted to assess the knowledge acquired by the participants through the training program.

FACULTY PUBLICATIONS

Dr. Anandhi Ramachandran, Associate Professor, IIMR Delhi along with an IIMR Delhi Alumni **Ms. Ritika**, has co-authored the article- **“Wearable sensors: A step towards smart monitoring of high-risk pregnancies”** which was published in January, 2019 in **International Journal of Scientific & Technology Research**.

Access to full article:

https://www.researchgate.net/publication/331686762_Wearable_sensors_A_step_towards_smart_monitoring_of_high_risk_pregnancies

Dr. Nitish Dogra, Associate Professor, IIMR Delhi has published the following two articles in the month of March:

- **Decision tool for climate disasters and infectious disease at sub-national level in India: Ensuring a paradigm shift in health planning from prevalence to vulnerability**

Access to Full article: <https://www.sciencedirect.com/science/article/abs/pii/S0001706X17314912?via%3Dihub>

- Climate Services for Health. Use of Social Media and ICT. In: Pattanaik DR, Dash SK eds. Brain Storming Workshop on **“Climate Services: Stakeholder Perspective”**; 2019 Mar 22-23; New Delhi: Indian Meteorological Society; p.60-62

STUDENT ACTIVITY UPDATES

Plastic, a non-biodegradable polymer, remains in the environment for hundreds of years causing land, water and air pollution. This accumulation of plastic adversely affects wildlife habitat, wildlife and humans. Plastic requires high energy ultraviolet light to break down, increasing the amount of plastic waste in our oceans. To reduce the effect of plastic pollution on the environment UN organizations have started an event #BeatPlasticPollution calling all the countries to take actions against Plastic usage. IIMR family, as a step towards #BeatPlasticPollution had organised an Eco – club activity on January 21, 2019 in addition to forming a Plastic banning committee called ‘Plastic Warrior Group’. Students were encouraged to show their creativity and imagination in the collage competition held during the event and cash prizes were distributed to the winners. Plastic warrior group had meticulously carried out plastic audit of IIMR and suggested ways by which plastic usage can be reduced.





An International Conference on Business and Management with the theme of **“DISRUPTIONS IN BUSINESS – EMBRACING THE AGE OF DIGITALISATION”** was held on March 29-30, 2019 at Delhi School of Management, Delhi Technological University, New Delhi. The agenda of the conference was to provide a collaborative platform for researchers, academicians and thought leaders to discuss, know and contribute to the efforts in the direction of an enhanced digital infrastructure. Our students, Shagun Parasher, Tamanna Mittal, Tamanna Sachdeva, Ankit Dabra and Nikita, have participated and presented papers on the topics ‘Digitalization of supply chain system under Anaemia Mukht Bharat in Bihar’ and ‘Health 4.0: What does the future hold?’ at the conference.



23rd February 2019 was memorable day for the students of IIMR Delhi. Dr. Ellen J Mackenzie, Dean and Dr. Heath Elliot, Associate Dean of John Hopkins School of Public Health, and Dr. James Tielsh, Prof Global Health, George Washington University had visited our college and had an interaction with our students. These eminent personalities shared their experiences with the students and encouraged them to work towards the betterment of the society. They also shared the current happenings related to public health in developing countries like Uganda, Kenya and Africa and highlighted the role of public health in achieving the SDG goals. They emphasized on the exciting career opportunities growing in the field. Students enthusiastically participated in the interactive session and received complimentary prizes.



IIHMR is very proud of its student, **Ms. Umang Bansal**, selected as one of the delegates to represent her social venture entitled “Mask4Task” at 23rd session of Youth Assembly, Flagship program of Friendship Ambassadors Foundation, held in the month of February at New York University, New York. The theme of the event was “Empowering Youth for Global Development” and the focus areas were Empowering Youth, Core Challenges, and Regional Inclusion for Global Development and Empowering All: Leaving No One Behind. Youth between age 16- 28 with an experience of leadership role in their school, college and community and interested in global affairs and sustainable development were selected to present their ideas and strategies. The objective of the conference was to address the gaps and work towards fostering the inclusion of Youth across all social and regional groups in tackling and solving global challenges.



AHPI GLOBAL CONCLAVE 2019 conference was held on February 15-16, 2019 at Radisson Blu Hotel, Kaushambi. The theme of the conference was '**OUTCOME BASED HEALTHCARE DELIVERY SYSTEMS**'. Our students presented their Posters at the conference on various topics like 'Smart Hospital – A core Digital Transformation', 'Link between geriatric population and Healthcare system in India' and 'Bridging gap to greater interoperability for enhancement of patient care and services'. Sonia, Dr. Shivani Sharma, Ritika and Shubham received third prize for their presentation.



Along with academic activities, extra-curricular activities are equally encouraged and appreciated in IIHMR. Students enthusiastically participated and won First and Second Prizes in Rangoli Competition held at an event 'NARI UTSAV' at Bhaskaracharya College of Applied Sciences on the Occasion of Women's Day on March 8th, 2019.



RECONNECT: TRACING THE JOURNEY OF OUR ALUMNI

Anuj Gaur (Batch: 2011-13)

Business Analyst,
Advanced Business and Healthcare Solutions
Bengaluru



What was your career path that led you to your current position?

Within the overall Information Technology industry, Healthcare is the largest and fastest growing segment. Hence, as a medical student, I found this industry is booming in the market and this it would never have any kind of attrition.

Could you describe your typical workday?

In my opinion, every day is a typical day in your life, but it depends how do you take it. Because, 'Nothing fails, everything adds to your experience - Challenges lead to learning.'

What educational preparation would you recommend for someone who wants to advance in this field?

Understand the Flow of healthcare (Hospital departments), EMR, EHR, Country Acts and Standards. Business analyst techniques (Use-case, Data flow diagram etc.) and tools (MS office- Visio).

How do you see this field changing in the near future?

Recently I have read news that the most opportunity generating industry has been healthcare in US. The healthcare industry will be more organized and will rapidly change the perception of manual process in India as well.

MEET THE FACULTY

Dr. Anandhi Ramachandran

Associate Professor
anandhi@iihmr.org



For how long have you been associated with the IIHMR family?

I have been associated with IIHMR from 2010. I joined as an Assistant professor and currently working as Associate professor for the past five years.

Could you elaborate upon your Professional and Work Experience?

I am working since 1999 in India. Started my career in Software industry as a Project Manager and later shifted to Academics. I worked for DOEACC, Govt. of India, as a Bio-informatics coordinator and Senior Lecturer for 6 years and later joined IIHMR. Earlier, I was working as a Project associate in the Lab of Membrane Biophysics and Biochemistry, National Institute of alcohol and alcohol Abuse, Twinbrook, MD, USA.

What you are most proud of?

I am proud of the fact that I am able to contribute in the development of students with whom I am able to share my experience and knowledge. Having an exposure and training in diverse domains of bioinformatics, computer science and public health informatics, I am happy that I am able to contribute to the field of Health Informatics through research and academics.

What is the best thing about your job?

In addition to teaching, I am able to participate in research and training activities of the Institution. Being a researcher and interacting with students is the best thing of my job.

What are some important attributes of a good instructor?

Patience! Not all students would be of same calibre. Trying to make students understand according to their capability and trying to bring everybody at par with each other, should be one of attributes an instructor should possess. An Instructor should be open to listen to students and learn back from the students. An Instructor should be not only a teacher but also a mentor, counsellor and if possible, a friend.

What professional development activities have you been involved with, over the past few years?

I have been training myself in various field which are linked to my area of work. Recently, I have trained myself in Data Analytics, Geographical Information System, Leadership Skills and Systematic Review.

What are your current research interests?

My research interest is mainly focused on use of Information technology and Analytics for Healthcare.

Describe a situation in which you did all the right things and were still unsuccessful. What did you learn?

During my career in IIHMR, as a team we had introduced a new program for the students. The team had worked on the planning and designing of the program. During Implementation, as the admissions were open, the student's intake was very less and program adoption was unsuccessful. This taught us that how best the program might have been designed, it should be as per the Market needs and demands. One should always look for the right time and right situation to implement any program. Market assessment and need assessment should be done not just from Global context but also from Indian context to launch any program.

What are some new skills you have acquired in the past one year?

Well, I have undergone a training and received online certification related to Data Analytics.

Message for our Readers

Life is full of Ups and Downs. One needs to be always motivated and learn from their mistakes, trying to compete with oneself rather than with others.

Healthcare in Headlines

- **Under Ayushman Bharat, 6,85,000 people availed free health care in 100 days**

Ayushman Bharat, billed as world's biggest public health scheme, provides annual health cover of Rs 5 lakh per family to 107.4 million poor and vulnerable families.

[Click here to read full article](#)

Source- Hindustan times. Date- January 2, 2019

- **Health insurance segment posts growth of 20% for third time in a row: IRDAI**

The health insurance segment has reported a growth of more than 20 per cent in premium collection for the third year in a row. In 2017-18, general and health insurance companies collected ₹37,029 crore as health insurance premium, registering a growth of 21.8 per cent over 2016-17, according to the latest annual report of the Insurance Regulatory and Development Authority of India (IRDAI).

[Click here to read full article](#)

Source- The Hindu Business line. Date- January 10, 2019

- **Is India's healthcare industry ready for a digital transformation?**

The Indian healthcare industry has traditionally been a slow adopter of digital technology mainly due to the fragmented and complex nature of the industry. The healthcare environment is becoming more distributed and complex. As digital technology becomes more affordable and more accessible, a change in mindset becomes more and more essential.

[Click here to read article](#)

Source- Express healthcare news bureau. Date- January 11, 2019

- **Health 2040: A look into the future**

Deloitte Life Sciences and Health Care recently launched its vision for health in 2040. While some may think that this perspective about the future of health seems fantastical, Deloitte believes that there are sufficient signs and signals in the marketplace of the model that it describes beginning to emerge.

[Click here to read full article](#)

Source- Healthcare IT news. Date- January 30, 2019

- **Health apps are getting doctors to your smartphones and doorsteps in India**

Health and fitness apps provide immediate support that may not be available to users, resulting in their popularity and Such apps are also being used by pediatricians for child-related crisis at night.

[Click here to read full article](#)

Source- Live mint. Date- January 31, 2019

- **Budget: Rs 61,398 crore allocated for health sector; Rs 6,400 crore earmarked for AB-PMJAY**

Union Finance Minister Piyush Goyal announced a Rs 61,398 crore budgetary allocation for the health sector for the 2019-2020 fiscal, with Rs 6,400 crore earmarked for the centre's ambitious AB-PMJAY health insurance scheme. The health outlay for the upcoming financial year is the highest in the last two financial years and a 16 per cent increase over the 2018-2019 allocation which was Rs 52,800 crore.

[Click here to read full article](#)

Source- The Economics Times. Date- January 1, 2019

- **5 health insurance policies to explore in 2019**

We cannot really deny the importance of having health insurance in today's world, where the cost of medical treatment is rising on a daily basis. However, when it comes to health insurance, the market is full of options to explore and it's totally up to the customer to choose the desired policy wisely. The need of having a health insurance policy varies from family to family and person to person, but a wide range of available health insurance policies help in getting the desired plan easily.

[Click here to read full article](#)

Source- Financial Express. Date- February 9, 2019

- **A cover for home care**

In India, the home health-care industry has been on a rapid growth path, shifting gears in the last few years. Reportedly, the industry is projected to reach \$6.2 billion by 2020 at a cumulative growth rate of 18%. In fact, home health care has the potential to replace unnecessary hospital visits in India by up to 65% and reduce hospital costs by 20%. However, growth in the sector must be backed by an inclusive approach towards home health care in the insurance sector.

[Click here to read full article](#)

Source- The Hindu Times. Date- February 17,2019

- **NABH accreditation for hospitals simplified and digitalized**

In order to extend benefits associated with Insurance Regulatory and Development Authority of India (Irdai) and Ayushman Bharat scheme to small scale hospitals across India, the government has digitalized and simplified the National Accreditation Board for Hospitals and Healthcare Organizations (NABH) accreditation process.

[Click here to read full article](#)

Source- Live mint. Date- February 21, 2019

- **82% healthcare start-ups are offering improved affordability in their products: EY survey**

The Indian health care system is being reshaped by three forces: increasing health care demand, technological ubiquity and rising patient awareness. Rising prevalence of lifestyle related diseases and an ageing population are the major factors leading to increasing demand of specialized health care in India. The report highlights how technology is disrupting the health care ecosystem in India as we are entering the Fourth Industrial Revolution (Industry 4.0)

[Click here to read full article](#)

Source- The Economics Times. Date- February 26,2019

- **Department of Biotechnology under Ministry of Science and Technology has prepared draft guidelines for evaluation of nano-pharmaceuticals in India**

Nano-pharmaceutical is an emerging field that combines nanotechnology with pharmaceutical and biomedical science with the goal of targeted drug delivery which may improve efficacy and safety profile.

[Clear here to read full article](#)

Source - By Mondaq. Date – March 19,2019

- **WHO has released a Global Influenza Strategy for 2019-2030 aimed at protecting people in all countries from the threat of Influenza.**

Influenza remains one of the world's greatest public health challenges. Every year across the globe, there are an estimated 1 billion cases resulting in 2,90,000 to 6,50,000 influenza-related respiratory deaths. The most effective way to prevent the disease is through annual Influenza vaccination.

[Click here to read full article](#)

Source – WHO. Date – March 11,2019

- **Cabinet approved continuation of National AIDS Control Programme-IV (NACP-IV) beyond 12th Five Year Plan for a period of three years from 2017 to 2020.**

The National AIDS Control Programme (NACP), launched in 1992, as a comprehensive programme for prevention and control of HIV/AIDS in India. Its objective was to slow down the spread of HIV to reduce morbidity and mortality.

[Click here to read the full article](#)

Source – Money Control. Date – March 7,2019

- **The Ministry of Health & Family Welfare has notified the Drugs and Clinical Trials Rules, 2019 with the aim of promoting clinical research in the country**

The new rules reduce the time for approving applications to 30 days for drugs manufactured in India and 90 days for those developed outside the country

[Click here to read the full article](#)

Source – Newsonair. Date – March 26,2019

- **12 states banned e-cigarettes recently, and health ministry has urged all to follow. What are Electronic Nicotine Delivery Systems (ENDS).**

They are devices that heat a solution to create an aerosol by vaporizing the 64 www.visionias.in ©Vision IAS solution, which also frequently contains flavours, usually dissolved into propylene glycol and glycerine. They aim to provide a similar sensation to inhaling tobacco smoke, without the smoke and are sold as aids to reduce or quit smoking.

[Click here to read the full article](#)

Source – Livemint. Date – March 13,2019

Compiled by:

The Synapse Team

PGDHM, IIHMR Plot No. 3, Sector 18A,

Phase- II, Dwarka,

Delhi-110075

Email: synapseiihmrdelhi@gmail.com

Web: <http://delhi.iihmr.org/>

SYNAPSE TEAM

Anup Choudhury

Debashreeta Das

Divya Nepal

Harsheen Kaur Arora

Nitika

Rimjhim Mishra

Sai Josree Isanaka

Sharon M Mathew

Shikha Kaushik

Shivani Sharma

Surabhi Pandey

Dr. Anandhi Ramachandran

NOTE: The newsletter is open for inclusion of any information or advertisement; however, selection of information will be governed by the SYNAPSE Team, IIHMR, New Delhi

If you wish to unsubscribe, please drop an email at: synapseiihmrdelhi@gmail.com