

REPORT ON INTERNATIONAL e-CONFERENCE (June 27, 2020)

I.T.S College of Pharmacy Ghaziabad jointly with the Indian Pharmaceutical Association has organized an International e-Conference 2020 on the topic “Empowering Healthcare & Pharma Education In 4IR Technologies” on 27th June 2020 from 9.30 am to 5 pm. The exceedingly interactive and informative sessions were aimed at providing the participants with the much needed insight about the technological advancement and its application in the field of Pharmacy.

Ms Rosaline Mishra, Asst Professor, I.T.S College of Pharmacy started the event briefing about the international e-conference. She accredited the Vice Chairman Mr. Arpit Chaddha for his able guidance and motivation for conducting such programmes midst this crisis period. She welcomed the Chief Guests, other eminent speakers, dignitaries, faculty, staff and students for being a part of the International e-conference. The conference started with lamp lighting ceremony followed by National Anthem.

The inaugural session begun with welcome address by Director of I.T.S College of Pharmacy Dr. Sadish Kumar S. He in his opening remarks received the chief guest Dr. B Suresh, Dr. Shailendra Saraf and heartily appreciated their presence in the conference. He extended his warm welcome to all the esteemed guests of the international e-conference. He also greeted all the eminent speakers, principals of all other colleges, faculty members, oral presenters, and participants.

Dr. Sadish welcomed Vice Chancellor Mr. Arpit Chaddha with a brief note about his achievements, his esteemed guidance towards the I.T.S Education Group.

The session was further graced by Mr. Arpit Chaddha Vice Chairman I.T.S The Education group. He in his address spoke about the inevitable existence and need of technology in all spheres of life today. He stressed upon apprehending this fact and learning the ways to imbibe advanced technology in our work sphere as well. He discussed about the role of artificial intelligence and the recent developed changes in technologies which is helping our whole life personally and globally. He encouraged all the participants to make utmost use of today's e-international conference.

Further Dr. Puneet Gupta, Member CEC, IPA & Faculty, Amity University, Noida, introduced the theme of International e-Conference focusing on the need to incorporate technology in our everyday teaching and research curriculum, he also emphasized upon the need for preparing industry ready for the graduates. He has drawn the attention towards incorporation of technology based study in the syllabus so that the graduates can handle the technologies.

The session further progressed with a talk by Mr. R A Gupta who is the honorary secretary of IPA. He has served as a hospital pharmacist and as a member of Pharmacy Council of India and Secretary of IPA India. He spoke on various upliftments in pharmacy education. He further

quoted the functions and responsibilities of the pharmacists in Govt. hospitals. He highlighted about the Niti Ayog and workings of pharmacists in community health.

The informative session has graced by Chief guest of the day Dr. B Suresh, President of Pharmacy Council of India and Pro-Chancellor, JSS Academy of Higher Education and Research, Mysuru. He firstly acknowledged all the eminent panelists who joined today's e-conference. He focused on two matters about the artificial intelligence and role of community pharmacists in health care sector. He focused on the activities of pharmacist in this pandemic situation. He also focused on the use of telemedicine during this pandemic condition. He spoke about the changes which is taking place in health care sector through technologies but he also drawn the attention towards the negative perception through these changes. He emphasized that it is important to recognize the threat and health care sector should change accordingly. He also enlightened about the certification courses on Telemedicine. He proposed changes in the curriculum in the near future and how to use technologies by the aspiring pharmacists. He also focused about the upgraded drug information by the pharmacists for betterment of the patients. He told several changes like health care to health wellness, therapeutic medicines to wellness products due to the pandemic situation. He also told about the main role of pharmacist as patient care, awareness, counseling etc.

The session further proceeded with the talk of guest of honour, Dr. Shailendra Saraf who is Vice-President of Pharmacy Council of India and Professor, Pt. Ravishankar Shukla University, Raipur. He spoke about the adaptation of the changes by the health care professionals. He designated pharmacists as frontline warriors. He focused on the dimensions of pharmacists has completely changed. He focused on the requirement of learning the new technologies and methodologies in the pharmaceutical fields. He emphasized on the commercial value of research by the academician. He acknowledged the teachers for the modification from classroom teachers to digital teachers.

The session further polished by guest of honor Dr. Mohd. Kamil who is the Head, TCAM Research, Zayed Complex for Herbal Research & Trad. Medicine. He firstly emphasized on use of technologies in pharmacy practice. He told about the new technologies which are developed in wide range in pharmacy practice. He mainly focused on the revolution in nano medicines, data science, robot technologies etc. in innovations and technologies are creating a global challenge as well in the pharmacy field with the advancements. He finally focused about the upgrading knowledge on the new revolutions and skills.

The session was further addressed by guest of honor, Madam Amina Al Haiden who is the Director, Lotus Holistic Centre, Abu Dhabi, UAE. She mainly focused on revised technological communication based study by the various governing bodies for the budding pharmacists.

The session further proceeded by an informative talk by Dr. Gopal Natesan who is the Director, Education Quality, Audit and Learning (EQUAL), Professor in Medicinal Chemistry (Faculty of

Pharmacy) MAHSA University, Malaysia. He mainly focused on the involvement of artificial intelligence in health care sector. Health care sector is on the verge of biggest revolution through artificial intelligence. He described that Reducing cost, combination drugs, designing drugs in a cost effective manner are the major drives recently. He concluded that data analysis by artificial intelligence will be helpful to health care sector and designing health care sector.

Dr. Lalit Bhardwaj who is the chief executive president, RML Consultancy & Fabrication, Global Director General Rejoice Health Foundation further graced the event. He emphasized on the areas of prevention through health care sector. He also focused on the establishment of various medicinal systems like Ayurveda, Siddha, Unani, yoga etc. All the institutions should look forward toward integrated medicinal approach. He focused on the medicines like Ayurveda, Unani, yoga should be a part of pharmacy educational system rather than pharmacy being solely based on allopathy medicine.

The event further progressed with the declaration of the winners of oral presentation which was held from 19-21st June on 6 categories. The oral presentations were evaluated by different evaluators from various fields of pharmacy.

The inauguration session concluded with a vote of thanks by Ms. Sagarika Majhi, Asst Prof., I.T.S College of Pharmacy.

The scientific session began with the talk of Dr. Hishato Kohyama who is President of Rejoice Health Foundation Japan and Homeopath regd. with Ministry of Health Japan. Dr. Hishato was welcomed by Dr. Rajkumari Associate Professor I.T.S College of Pharmacy. She spoke on the topic of “Homeopathic Remedies and Japanese medicines”. She mainly focused on recent advancement of health care as it is not just about illness but also keeping with the mental health care. She also emphasized on different ways to strengthen immunities during this pandemic condition.

The event progressed with next scientific session by Dr. Anupriya Batra who is President of Rejoice Health Foundation UAE and Homeopath regd. with Ministry of Health UAE. Dr. Anupriya Batra was welcomed by Ms. Sonam Khandelwal, Asst. Professor, I.T.S College of pharmacy. She spoke on the topic of introduction of technologies at various departments like medicine, entertainment etc. She focused on the inclusion of different technologies and various methods in the syllabus of every college for the aspiring pharmacists. She emphasized that technology and medical should go hand on hand to improve efficiency of drugs, patient care in the health care centers. She also focused technologies like artificial intelligence and machine learning, robotics, nanotechnology, 3-D printing can create some miracles in health care sector. She concluded by enlighten the various areas which have to be look forwarded for the betterment of budding pharmacists.

The session proceeded with an informative and encouraging talk by Dr Naval k Verma who is an Advisor Homeopathy in Ministry of AYUSH, Government of India. Dr. Naval was welcomed by

Ms. Neelam Singh, Organizing Secretary & Asst. Prof. I.T.S College of Pharmacy. He spoke about the collaboration of AYUSH with different colleges using different technologies for the betterment of health care facilities. He introduced the different members of Ayush health ministry. He briefly enlightened the different roles and functions of Ayush ministry for preventing Covid 19 with the help of our honorable Prime Minister Mr. Narendra Modi. Arsenic Album 30 is one of the major outbreaks and helpful in boosting immunity against Covid 19. He lastly urged everyone to commit towards the pharmacy education to cope up with the changes in health care sector and for the betterment of the country.

The session proceeded with an informative and encouraging talk by Dr. Mohd. Kamil, Head, TCAM Research, ZCHRTM, Healthcare Licensing and Medical Education Division, Dept. of Health, Abu Dhabi, UAE. Dr. Kamil was welcomed by Dr. Radha Goel, Assoc. Professor, I.T.S College of Pharmacy. He presented on Herbal Medicine- from Field to Firm Quality and Safety. He discussed the importance of Herbal Medicines and its global market sector analysis. He also shared the various guidelines for Good Agricultural Practices for Medicinal Plants and spoke about Standardization for Herbal Drug and its associated criterions such as selection of medicinal plant, Documentation, Seeds and Propagation Material and Cultivation along with detailed technical aspects of each criterion. He also highlighted the impact of Adulteration and substitution of herbals with examples and their evaluation methods such as finger printing, Successive extractive values, microbial contamination, Physico-chemical constants, Gas Chromatography Mass Spectroscopy (GCMS) etc.

The informative session further progressed with a Talk by Mr. Ashutosh Kumar Verma, Lecturer, Faculty of Pharmacy, MAHSA University, Penang, Malaysia. He spoke on the topic "Healthcare Research in 4 IR". He gave an extensive insight about industrial revolution in various eras (1700s, 1800s, 1980s and present time). He discussed about Artificial Intelligence (AI), a technology based on algorithms and competition methods to solve the process complexities in no time. He also discussed the top applications of Artificial Intelligence in departments such as Robotic surgery, Nursing assistance, Administrative assistance, Fraud detection, Cyber security, Diagnosis, Computer vision, Precision medicine, Mobile app, Discovery, Virtual assistance, etc. There are approx. 50 National AI polices which has been published in the reports as of February 2020. Lastly, He emphasized on the impact of AI and various areas such as healthcare, education, finance, energy are sector likely to be benefited by 4IR.

The session proceeded with an informative and encouraging talk by Dr. T.V. Narayana, President, IPA India. Dr. T.V. Narayana was welcomed by Dr. Puneet Gupta, Member CEC, IPA & Faculty, Amity University, Noida. He discussed about IPA and Artificial Intelligence in modern time. He also shared information about Indian healthcare system such as hospital, pharmacist and doctors. He also highlighted the role of Pharmacist in healthcare system and motivated the student participants to gather relevant information from the conference for shaping up their future carrier better. He briefed the participants about current COVID-19 pandemic and

other viral infections. Lastly, he highlighted the various future job opportunities in healthcare system post covid scenario.

The session proceeded with an informative and encouraging talk by Dr. Rajendran JC Bose, Masonic Medical Research Institute, Utica, New York. Dr. Rajendran JC Bose was welcomed by Dr. Radha Goel, Assoc. Professor, I.T.S College of Pharmacy. He presented on “Cell mimicking Nanotheranostics in therapeutic delivery”. He discussed about Nanotheranostics and its potential in diagnosing serious disease at early stage. He also briefed about Cell therapy and tumor cell derived extracellular vesicle coated nanocarrier systems. He further gave detailed information on the system advantages such as therapeutics monitoring and system efficacy over long period. Later, he described the applications of Nanotheranostics such as radiotherapy, PPT& PDT, MRI, PAI, chemotherapy. In the end, he shared his experienced related to his research work done on Covid -19.

Mr. Surinder Sood, Director PR, I.T.S Education Group shared his views about the event focusing on the emergence of Drug designing for the current situation. He also emphasized on the importance of research and development activities in today’s scenario and its significance for the betterment of mankind. He appreciated Dr. Sadish for this educational event. He also thanked all the speakers for their knowledgeable sessions and told that this will be helpful in near future.

Also, Dr. S. Sadish Kumar, Director, I.T.S College of Pharmacy expressed his gratitude for the Speakers, Faculty members, associated members and all the participants of International e-Conference.

Ms. Neelam Singh, Organizing Secretary & Asst. Prof. I.T.S College of Pharmacy, gave brief details of the whole event systematically in which she highlighted the topics covered by each speakers along with its learning outcomes for participants.

The International e-conference ended with a hearty vote of thanks by Dr. Manoj Kumar Sharma, Joint Secretary and Assoc. Professor, I.T.S College of Pharmacy.

Around 740 participants registered for this event from different Pharmaceutical Institutions across the globe took part in the International e-conference. All the Eminent speakers and participants were provided with e-Certificates.

All the participants were thankful to the management of I.T.S for the plethora of information which was provided in the session and helping them utilizes their time during this lockdown in a very useful manner.