Biography

Dr. Surinder Singh

Dr Surinder Singh, MBBS, MD

Vice Chancellor

JSS Academy of Higher Education & Research, Mysuru

Position held in various Institutes / Organizations

- Vice Chancellor, JSS Academy of Higher Education & research
- Director, National Institute of Biologicals (NIB)
- Drugs Controller General (India), Central Drugs Standard Control Organization
- Director, Regional Drugs Testing Laboratory, Chandigarh
- Additional Director and Head, Central Drugs Lab (CDL), Central Research Institute, Kasauli
- Assistant Director (Microbiology), Central Research Institute,Kasauli
- Assistant Professor (Microbiology), Govt. Sardar Patel Medical College, Bikaner

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Awards and Recognitions

- Award for **"Excellent Contribution towards Providing the Leadership on Survey of Extent of Problems of Spurious & Not of Standard Quality Drugs in the Country"** by Partnership for Safe Medicines India on 19th-20th May, 2015 at Srinagar (J&K).
- **Dr. B.C. Roy Memorial Award 2014 :** Awarded for excellent contribution towards Blood Safety Programme in India on Doctors Day 1st July, 2014 by Federation of Blood Donor Organizations of India, Kolkata
- **Pharma-Bio World Awards 2011 :** Awarded Pharma-Bio World Awards 2011 - for "Outstanding Initiatives in Regulatory Environment" by - CHEMTECH FOUNDATION, India.
- **World's 40 most influential people :** Featured in the list of the world's 40 most influential people in the global pharma industry, for three consecutive years i.e. Year 2011, 2010 & 2009 as adjudged by a panel of experts of the UK Pharma magazine "World Pharmaceutical Frontiers". The lists comprise of renowned businessperson, philanthropists,scientists, regulators and legislators.

- Conferred "**Honorary Professor**" in recognition for his contribution towards the development of medical education and science by the ***Tashkent Medical Academy, Uzbekistan***
- Awarded the "**Innovation Leadership Award**" in the 2nd edition of India-Global Education & Skill Summit hosted by Department of Skill Development, Entrepreneurship & Livelihood, Government of Karnataka. The other Government partners were Karnataka State Higher Education Council, Government of Karnataka, Department of Skill, Labour Employment & Entrepreneurship, Govt of Assam, Directorate of Skill Development and Entrepreneurship, Government of Telangana.
- Nominated as **Chairman of the core expert committee, IKP Global Regulatory Forum (IGRF)** – a forum of ex-members of state and zonal regulatory bodies, as well as experts from industry aiming to assist entrepreneurs in accelerating the development and commercialization of innovative products and technologies by reducing regulatory hurdles through effective support
- Honoured as one of the "***Top 20 Eminent Vice Chancellors of India***" for the year 2020 by uLektz Wall of Fame which acknowledges the contributions made by the eminent Vice Chancellors in India towards the development of academic programmes of the university

and towards the general administration of the university to ensure efficiency and good order of the university.

Conceptualization, Planning, Implementation, & Co-ordination of following Four National Programmes / activities

- Pharmacovigilance Programme of India (Year 2010-11)
- Haemovigilance Programme of India (Year 2012 till date)
- National Blood Donor Vigilance Programme- India (Year 2015 till date)
- National Drugs Survey to, "Study the Extent of Problems of Spurious & Not of StandardQuality Drugs in the country" (Year 2014-16)

Initiatives of National / Institutional Impact

- **Head of Office of National Institute of Biologicals, Noida, facilitating establishment of Institute's Laboratory & Animal House facility which was designed by National Institute of Health, USA, having an area of 15000 Sq. mtr. (approx.) at a cost USD 23 million (Rs.114.11 crore) in the year 2003-2005.**
- **Chairman of the Institutional Development Plan (IDP) committee of Govt. of Punjab for** "Strengthening of Drugs Regulatory Control & the Drug Testing Laboratory in the State of Punjab during 12th Five Year Plan (2012-2017)".
- **Facilitated organizing of WHO Hands on training course at NIB** on Determination of the Ployribosyl-ribitol-phosphate (PRP) content of the Haemophilus influenza type-b (Hib) capsular polysaccharide in liquid Vaccine presentation by HPAEC-PAD from 23rd to 27th October, 2017.
- **Facilitated organizing of 1st General Meeting of WHO- National Control Laboratory for Biologicals (WHO-NNB) held at NIB** from 31st October to 2nd November, 2017 and attended by 39 participants from National Control Laboratories, Manufacturers Association and other stakeholders of more than twenty countries to discuss the operational aspects of the Network.
- **Chairman of the Institutional Development Plan (IDP) committee of Govt. of Punjab for** "Strengthening of Drugs Regulatory Control & the Drug Testing Laboratory in the State of Punjab during 12th Five Year Plan (2012-2017)".

- **Prepared a Memorandum for Expenditure Finance Committee (EFC) – 12th Five Year Plan (2012-17) for Indian Pharmacopoeia Commission with a plan outlay of Rs.100 crore (USD 16 million) for incorporating following 5 National Programmes:**
    - Pharmacovigilance Programme of India
    - Haemovigilance Programme of India (HvPI)
    - Materiovigilance
    - Bio-Vigilance
    - Anti- Microbial resistance Monitoring Cell
- **Prepared Two Institutional Development Plan for NIB as hereunder**
    - Research and Development facility for Preparation of Reference Standards, Monographs on Biologicals for inclusion in IP and other Research & Development Activities (2019-2024).
    - Strengthening of Training and Academic Activities at NIB (2019-2024).

Co-ordinator for World Health Organization (WHO) Training Programs for Pharmaceutical and Medical Devices Units

- **Current Good Manufacturing Practices (cGMP) Online Workshops for Active Pharmaceutical Ingredients (API) and formulations and medical devices units for access to quality-assured medical products.**

  (Period - August 2020- July 2021)
    - The program consisted of six workshops which trained, 1115 professionals from 323 manufacturing units from 25 states/ UTs of India, in cGMP and quality upgradation and was implemented by all three levels of WHO (Country Office, Regional Office, Head Quarters) in association with various ministries of Government of India, International Agencies and Industry Stakeholders. These have been highlighted in the WHO website : https://www.who.int/news/item/10-12-2021-current-good-manufacturing-practices-(cgmp)---online-workshops-for-pharmaceutical-units of WHO Headquarters website and https://www.who.int/southeastasia/news/detail/10-12-2021-current-good-manufacturing-practices-(cgmp)-online-workshops-for-pharmaceutical-units of WHO South-East Asia website
- **To mentor pharmaceutical units who have participated in Access to Quality-assured Medical Products (Medicines, Vaccines, Diagnostics, Devices) Virtual Workshops on Current Good Manufacturing Practices (cGMP) October 2020 -**

August 2021 for Pilot Mentorship Program

(Period – August 2021 – December 2021)

- 30 Pharma and 10 Medical devices manufacturing units were guided and handheld by 08 mentors over a period of three months for capacity building and enhance quality standards.

- **Provide additional support and guidance for Industries engaged in manufacture of Medical devices for capacity building towards WHO pre-qualification and other international regulatory standards to promote availability and access to quality medicines for meeting national and global needs as part of Pilot Mentorship Program**

  (Period – September 2021 to November 2021)

  - The 10 medical devices manufacturing units were further oriented on the international regulatory requirements applicable to IVDs and provided a better understanding of the global regulatory requirements.

- **To Mentor Units which participated in Access to Quality-assured Medical Products Workshops on cGMP & Orientation w/s 2020-21 for the Pilot Mentorship program to promote local manufacture of medical products fulfilling WHO cGMP requirements.**

  (Period – February 2022 – July 2022)

  - In this program, 10 Pharma and 02 Medical devices Units were mentored by 05 mentors over a three-month period.

Co-ordinator for World Health Organization Training Programs on Blood Safety

- **Online Training Program on the concept and implementation of Haemovigilance for the Healthcare providers engaged in blood transfusion services in the SEAR Countries**

  (Period July – November 2020)

  - 240 participants from 5 SEAR countries namely, Nepal, Bangladesh, Indonesia, Maldives, and Timor Leste participated in the Training program. 26 experts from 8 different countries participated and shared their domain knowledge and expertise. The program helped the participant countries in

initiation and implementation of Haemovigilance in their respective countries for enhanced blood safety.

- **Web Training Series on Blood Components Separation and Plasma Fractionation for the WHO – South East Asian Region Countries**

  (Period August – November 2021)

  - More than 240 participants from 5 WHO-SEAR Member Countries - Nepal, Bangladesh, Indonesia, Timor-Leste & Maldives were trained by 19 experts from 10 countries in capacity building and technical knowhow towards self-sufficiency and regional sufficiency of blood, blood components, plasma for fractionation and plasma derived medicinal products (PDMPs)

International Training Programmes Attended (Sponsored by USAID)

- Good Manufacturing Practices (eGMPs) training programme at Massachusetts BiologicLaboratory, Boston (USA); 29th Sept. to 17th October, 1997.
- Public Health Lab Training Programme at Maryland Public Health Laboratories, Baltimore(USA) from 18th – 24th October, 1997.

Other Highlights of the career

- Expert Member in WHO National Regulatory Authority (NRA) team for pre- assessment of South Africa in Year 2013 and WHO NRA assessment of Thailand in Year 2007 & 2012.
- Member of the Board of Governors of NIPER, Hyderabad which has been approved by the President of India to facilitate development of policies and major decision making of NIPER,Hyderabad.
- Member of High Power Committee of 6th Edition of National Formulary of India (NFI) of Indian Pharmacopoeia Commission (IPC), Ghaziabad to promote rational use of Medicines.
- Member of Standing National Committee on Medicines (SNCM) for revision of National List of Essential Medicines (NLEM) 2015 constituted by Department of Health & Family Welfare (Drugs Regulation Section), Ministry of Health & Family Welfare, Govt. of India.
- Member of Planning Board of Maharashtra University of Health Sciences, Nashik.

- Member of Planning & Monitoring Board of Jagadguru Sri Shivarathreeshwara (JSS) University, Mysuru.
- Member of WHO Interim Steering Committee for WHO Global Network of National Vaccine Control Laboratories for the period from 2nd Sept. 2016 to 2nd Nov. 2017.
- Member of WHO Ad-Hoc Advisory Group of experts for reviewing the accepted proposal and advising WHO on R & D Blueprint Platform Technologies for the period from 29-02- 2016 to 22-07-2016.

GMP Inspections

- Inspected about 70 Vaccine and Biologicals manufacturing units in thecountry.

Publications

- Over 60 publications in National/ International Journals along with Chapters published in various technical books.