

# **CURRICULUM VITAE**

## **OBJECTIVE**

Intend to build a career with leading in a high competitive environment with committed and dedicated people, which will give me the opportunities to explore myself and realize my potential. Willing to work as a key-player in a team with a challenging environment.

**NAME** : Dr Vikramjeet Singh

**DATE OF BIRTH** : 11<sup>th</sup> July 1985

**FATHER'S NAME** : Mr Virendra Pratap Singh

**OCCUPATION** : Medical Microbiologist. MBBS, MD, DNB Microbiology

## **EDUCATIONAL QUALIFICATION**

Sl.No	Class	School/College	University/Board	Division	Percentage	Remarks
1	MBBS	Mahathma Gandhi Memorial Medical College, Indore	Devi Ahilya University, Indore	First	65.2%	----
					61.2%	----
					69.5%	Distinction in ENT
					65.1%	----
2	MD (Microbiology) 2014-2017	North Eastern Indira Gandhi Regional Institute of Health & Medical Sciences, Shillong	North Eastern Hill University, Shillong		Passed	Completed on 8 <sup>th</sup> June 2017
3	DNB (Microbiology) 2019		National Board of Education	First	66.4%	Passed in 2019

## **WORK EXPERIENCE AS RESIDENT:**

Sl. NO.	Designation	Hospital	Service	
			From	To
1.	PG Resident	North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong	9 <sup>th</sup> June 2014	8 <sup>th</sup> June 2017
2.	Senior Resident	Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow	04 <sup>th</sup> July 2017	22 <sup>nd</sup> April 2021
3.	Assistant Professor	Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow	23 <sup>rd</sup> April 2021	Till Now

## **FIELD OF INTEREST**

- INTERESTED IN : BACTERIOLOGY, MYCOLOGY, PARASITOLOGY, SEROLOGY, VIROLOGY & MOLECULAR WORK WITH SPECIAL EMPHASIS ON EMERGING DRUG RESISTANCE IN MICRORGANISMS AND GENOMIC SEQUENCING.

## **NATURE OF DUTY PERFORMED**

- Teaching experience of MBBS, DMLT and Nursing students
- Involved with culture media preparation and Quality Control
- Processing of the bacteriological, mycological, mycobacteriological, virological, parasitological and serological samples including microscopy, staining, culture, antimicrobial susceptibility testing, etc
- Involved in maintenance of stock and lyophilization of rare organisms
- Experience of bacT/alert, VERSATREK and Vitek 2 machines
- Establishment of Mycobacteriology culture laboratory and Molecular work with conventional PCR in NEIGRIHMS, Shillong and hands on training of Gene Xpert and Innolipa.
- Involved in the Surveillance of OT and ICU.
- Preparation of Standard Operating Protocol for laboratories
- Experience as part of Organizing committee (Paper/poster presentation, Accommodation, Food and Travel and Souvenir) in VIROCON 2015 and few CMEs in NEIGRIHMS, Shillong and Dr RMLIMS, Lucknow.
- Helped in conducting MBBS and PG Final Practical Examination.
- Conducted Quiz competition for MBBS
- Worked in COVID-19 virology Laboratory and dealt with PCR, TruNat and their analysis along with data reporting on ICMR Portal and UP Portal for Covid tracking

## **Publications**

1. Agarwal J, **Singh V**, Das A, Nath SS, Kumar R, Sen M. Reversing the Trend of Antimicrobial Resistance in ICU: Role of Antimicrobial and Diagnostic Stewardship. *Indian J Crit Care Med* 2021;25(6):635–641 1.
2. Garg J, **Singh V**, Pandey P, Verma A, Sen M, Das A, Agarwal J. Evaluation of sample pooling for diagnosis of COVID-19 by real time-PCR: A resource-saving combat strategy. [J Med Virol](#). 2021 03; 93(3):1526-1531.
3. **Singh V**, Mittal V, Verma P, Sen M, Das A, Singh P, et al. Public awareness, attitude and knowledge of hepatitis B infection in North India. *Int J Community Med Public Health* 2018;5:5184-9.
4. Sen M, **Singh V**, Das A, Garg J, Pandey A, Agarwal J . Analysis of Bacterial cholangitis in Patients Attending Tertiary Health Care Centre in North India. *International Journal of Microbiology Research*, 2018;10(6):1256-1258.
5. **Singh V**, Sen M, Das A, Srivastava S, Mittal V. A Survey of Staphylococcus Isolates amongst Commonly used Fomites of Hospital Personnel with Special Reference to Methicillin Resistance. *Indian J Health Sci and Care* 2019;6(1):1-5
6. Sen M, **Singh V**, Kumar G, Kanaujia R, Mittal V, Das A. Antimicrobial Susceptibility Profile from Patients with Blood Stream Infections at a Tertiary Care Level Super Speciality Institute in Northern India. *Int.J.Curr.Microbiol.App.Sci*. 2018;7(6): 2446-2456.
7. **Singh V**, Maurya K, Sen M, Das A, Agarwal J. Candida biofilm - A medical havoc: Prospective study among the patients in tertiary health care centre in North India. *IP International Journal of Medical Microbiology and Tropical Diseases*, July-September, 2018;4(3):109-112

8. **Singh V**, Phukan AC, Borgohain B. Importance of Ultrasonographic guided aspirated sample in early diagnosis of Musculoskeletal tuberculosis among the patients attending tertiary health care center . British Journal of Medical and Health Research 2018;5(05):21-30.
9. **Singh V**, Phukan A C, Borgohain B, Musculoskeletal tuberculosis - A diagnostic dilemma: Clinico-bacteriological study among patients attending tertiary health care centre in North Eastern India. Indian J Microbiol Res 2018;5(1):126-131
10. **Singh V**, Lyngdoh W V, Bora I, Lyngdoh C J, Khyriem A B, A Menace of Candida biofilms: Prospective study among the intensive care unit patients in tertiary health care centre in North east India. IP Int J Med Microbiol Trop Dis 2018;4(1):13-16
11. **Singh V**, Khyriem AB, Lyngdoh WV, Lyngdoh CJ. Surgical Site Infections - A Hospital Havoc: Retrospective Study of Surgical Site Infections in Tertiary Health Care Centre in North East India. International Journal of Innovative Research in Medical Science. 2018;3(01):1639 to 1643.
12. **Singh V**, Lyngdoh WV, Rajbongshi J, Debnath K. Emergence of Kocuria rhizophila and Kocuria rosea Infections in Immunocompromised Patient. International Journal of Science and Research. 2018;7(1): 766 - 768
13. Rajbongshi J, Khyriem A, **Singh V**, Elantamilan D, Anand M, Sailo S, Lyngdoh WV. Chromobacterium Violaceum Causing Fournier's Gangrene: a Rare Presentation with Non-Fatal Outcome. International journal of scientific research.2015; 4(10): 461-464.
14. Elantamilan D, Lyngdoh WV, Rajbongshi J, **Singh V**, Dutta V. Invasive Non typhoidal salmonellosis in an immunocompetent adolescent – a case report .International Journal Of Current Medical And Pharmaceutical Research.2016;2(6), pp.365-367
15. Barman B, Ete T, Warjri SB, Beyong T, Lynrah KG, Nobin H, **Singh V**. Chylous ascites and tuberculosis: A case report with literature review. Case Study and Case Report 2015; 5(2): 74 - 80.

### **Research Paper Presentation**

#### **1. Chromobacterium violaceum causing Fournier's Gangrene**

Event: MICROCON 2014 38<sup>th</sup> Annual conference of Indian Association of Medical Microbiologists  
(National): 15<sup>th</sup>-19<sup>th</sup> Oct, 2014  
Category: Poster Presentation  
Venue: Jaipur

#### **2. High level aminoglycoside resistance among clinical enterococcal isolates in a tertiary care centre**

Event : 3<sup>rd</sup> Annual Day Scientific Research Presentation Programme  
Category: Oral Presentation  
Venue: NEIGRIHMS, Shillong

#### **3. Prevalence of Surgical Site Infections among the postoperative patients in tertiary health care centre, NEIGRIHMS, Shillong**

Event : 15<sup>th</sup> Congress of the International Federation of Infection Control (IFIC-HISI) 21<sup>st</sup> -24<sup>th</sup> March 2015 (International)  
Category: Poster Presentation  
Venue: New Delhi

**4. Invasive non typhoidal salmonellosis (iNTS) in an immunocompetent adolescent – A case report**

Event: MICROCON 2015. 39th Annual conference of Indian Association of Medical Microbiologists  
(National): 25<sup>th</sup> -29<sup>th</sup> Nov, 2015

Category: e-Poster Presentation

Venue: JIPMER, Pondicherry

**5. A Menace of Candida Biofilm: Prospective study among the ICU patients in tertiary health care centre in North Eastern India**

Event : SIHAM 2016 , 11<sup>th</sup> National Conference of Society of Indian Human and Animal Mycologists,  
Department of Microbiology, IGMC, Shimla: 18<sup>th</sup>-20<sup>th</sup> March, 2016

Category: Oral Presentation

Venue : IGMC, Shimla

**6. Bacterial Cholangitis: A Harrowing prevalence and unforeseen surge in resistant strains**

Event : UPMICROCON 2018 14<sup>th</sup> Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, AMCH, AMU, Aligarh. 2<sup>nd</sup>-3<sup>rd</sup> February 2018

Category: Poster Presentation

**7. Nemesis of Hemodialysis catheter- Elizabethkingia meningoseptica: An emerging pathogen in Intensive care unit patients undergoing Hemodialysis in North India**

Event : UPMICROCON 2019 15<sup>th</sup> Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era Medical College and Hospital. Lucknow 1<sup>st</sup> - 2<sup>nd</sup> February 2019

Category: Poster Presentation

**8. Use of Silver Nanoparticles and microventilator to create a better Personnel Protective equipment for preservation of respiratory infections and air pollutants.**

Event : Workshop on “Innovation in Medical Technology – Converting Ideas to Products”.

Organised by : Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow in collaboration with Society for Innovation in Medical Sciences, 25<sup>th</sup> May 2019

Category : Oral Presentation

**Conferences attended**

**1. MICROCON 2014**

38<sup>th</sup> National conference of Indian Association of Medical Microbiologists

Organised by SMS Jaipur

Date: 15<sup>th</sup> -19<sup>th</sup> Oct 2014

**2. IFIC-HISI 2019**

15<sup>th</sup> Congress of International Federation of Infection Control

Organised by Hospital Infection Society India

Date: 21<sup>st</sup> – 24<sup>th</sup> March, 2015

**3. VIROCON 2015**

24th National conference of Indian Virological Society

Organized by : Dept. of Microbiology, NEIGRIHMS, Shillong

Date: 8<sup>th</sup> – 10<sup>th</sup> October, 2015

#### **4. MICROCON 2015**

39th National conference of Indian Association of Medical Microbiologists

Organized by: JIPMER, Pondicherry

Date: 25<sup>th</sup>-29<sup>th</sup> November, 2015

#### **5. SIHAM 2016**

11<sup>th</sup> National Conference of Society of Indian Human and Animal Mycologists

Organized by: Department of Microbiology, IGMC, Shimla

Date: 18<sup>th</sup>-20<sup>th</sup> March, 2016

#### **6. UP-UK MICROCON 2018**

14th Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, AMCH, AMU, Aligarh.

Date: 2<sup>nd</sup>-3<sup>rd</sup> February 2018

#### **7. TROPACON 2018**

12th National Conference of Indian Academy of Tropical Parasitology

Organised by: Department of Microbiology, IMS BHU, Varanasi.

Date: 7<sup>th</sup> -9th September 2018

#### **8. UP-UK MICROCON 2019**

15th Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era's Lucknow Medical College & Hospital, Era University, Lucknow.

Date: 1<sup>st</sup>-2<sup>nd</sup> February 2019

#### **Workshops attended**

##### **1. Pulse field gel electrophoresis and its applications in biological sciences**

Organised by ICAR Research complex NEH Region, Umiam, Meghalaya

Date: 28<sup>th</sup> -30<sup>th</sup> August 2014

##### **2. Spot the diagnosis – Microscopic and photographic slides**

Organised by SMS Jaipur

Date: 15<sup>th</sup> October 2014

##### **3. Research Methodology and Biomaterials**

Organised by Department of Orthopaedics and Trauma at NEIGRIHMS, Shillong

Date: 20<sup>th</sup> -21<sup>st</sup> March 2015

##### **4. Basic life support for healthcare providers Course**

Organised by American Heart association and GVK EMRI at NEIGRIHMS, Shillong

Date: 24<sup>th</sup> April 2015

##### **5. Advanced Cardiovascular Life Support for healthcare providers Course**

Organised by American Heart association and GVK EMRI at NEIGRIHMS, Shillong

Date: 25<sup>th</sup> - 26<sup>th</sup> April 2015

#### **6. Advanced Life Support in Obstetrics**

Organised by GVK Emergency Management and Research Institute at NEIGRIHMS, Shillong  
Date: 25<sup>th</sup> - 26<sup>th</sup> April 2015

#### **7. Complete molecular workflow-sample to result with real time PCR and pyrosequencing**

Organised by JIPMER Pondicherry  
Date: 26<sup>th</sup> November 2015

#### **8. International Workshop On Research Methodology**

Organised by Department of General Medicine, NEIGRIHMS, Shillong in collaboration with Florida International University, Miami, USA  
Date: 22<sup>nd</sup> -23<sup>rd</sup> Jan 2016

#### **9. North East Zonal Operational Research Workshop (RNTCP)**

Organised by State Task Force, RNTCP and NEIGRIHMS, Shillong  
Date: 5<sup>th</sup> and 6<sup>th</sup> February 2016

#### **10. XV National Workshop on “Diagnostic Methods in Clinical Microbiology”**

Organised by Department of Microbiology, JIPMER, Puducherry  
Date : 28<sup>th</sup> -31<sup>st</sup> August 2018

#### **CME attended**

##### **1. Regional CME cum – Seminar on Clinical relevance of Autonomic Function Testing**

Organised by Department of Physiology, NEIGRIHMS, Shillong  
Date: 13<sup>th</sup> June 2014

##### **2. Pharmacovigilance**

Organised by Department of Pharmacology, NEIGRIHMS, Shillong  
Date: 28<sup>th</sup> June 2014

##### **3. Syndromic approach to common infections**

Organised by SMS Jaipur  
Date: 16<sup>th</sup> October 2014

##### **4. CME on Fungal Sepsis: an Update**

Organised by Department of Microbiology, Dr RMLIMS, Lucknow  
Date: 17<sup>th</sup> March 2018

##### **5. CME on Catheter Related Blood Stream Infection: Risk factors and Prevention**

Organised by Department of Microbiology, Dr RMLIMS, Lucknow  
Date: 22<sup>nd</sup> September 2018

##### **6. CME on Beyond Antibiotics**

Organised by Department of Microbiology, Dr RMLIMS, Lucknow  
Date: 2<sup>nd</sup> March 2019

#### **Academics Awards**

##### **1. Best Oral Paper Presentation – 2<sup>nd</sup> Prize**

Organised by Scientific and Research Committee of NEIGRIHMS  
Date : 4<sup>th</sup> -5<sup>th</sup> March 2016

**2. ISHAM Travel Award - A Menace of Candida Biofilm: Prospective study among the ICU patients in tertiary health care centre in North Eastern India**

Event : SIHAM 2016 , 11<sup>th</sup> National Conference of Society of Indian Human and Animal Mycologists, Department of Microbiology, IGMC, Shimla: 18<sup>th</sup>-20<sup>th</sup> March, 2016

**3. Best Poster Presentation on Hospital Infection Control - Nemesis of Hemodialysis catheter-Elizabethkingia meningoseptica: An emerging pathogen in Intensive care unit patients undergoing Hemodialysis in North India**

Event : UPMICROCON 2019 15<sup>th</sup> Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era Medical College and Hospital. Lucknow 1<sup>st</sup> - 2<sup>nd</sup> February 2019

**4. Best Oral Presentation on innovative Idea in medical Sciences: Use of Silver Nanoparticles and microventilator to create a better Personnel Protective equipment for preservation of respiratory infections and air pollutants.**

Event : Workshop on "Innovation in Medical Technology – Converting Ideas to Products".

Organised by : Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow in collaboration with Society for Innovation in Medical Sciences, 25<sup>th</sup> May 2019

**Speaker/ Workshop/Conferences Conducted**

**1. As Speaker presented Our experience with CRBSI at RMLIMS; in CME on Catheter Related Blood Stream Infection: Risk factors and Prevention**

Organised by Department of Microbiology, Dr RMLIMS, Lucknow

Date: 22<sup>nd</sup> September 2018

**2. Conducted Workshop on Hand Hygiene and Standard Precautions**

Event : UPMICROCON 2019 15<sup>th</sup> Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era Medical College and Hospital. Lucknow 1<sup>st</sup> - 2<sup>nd</sup> February 2019

**3. As Reviewer in Journal Of Hospital Infection**

**Online Courses Completed**

**1. Manage TB – Passed with a score of 86%**

Organised by NPTEL and ICMR-NIRT

Duration: 3 Months August-October 2018

**2. The Role of Diagnostics in the Antimicrobial Resistance Response – Passed with a Score of 100%**

Organised by London School of Hygiene & Tropical Medicine in collaboration with ICMR

Duration : 6 Weeks November to December 2019

**3. Antimicrobial Stewardship: A competency-based approach**

Organised by WHO 2<sup>nd</sup> December 2019

**Extracurricular Activities & Awards**

**1. Free Style Solo Dance – 3<sup>rd</sup> Position**

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16<sup>th</sup> to 19<sup>th</sup> September 2015

**2. NEIGRIHMS Got Talent – 2<sup>nd</sup> Position**

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16<sup>th</sup> to 19<sup>th</sup> September 2015

**3. NEIGRIHMS Stage Play – 1<sup>st</sup> Position**

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16<sup>th</sup> to 19<sup>th</sup> September 2015

**4. NEIGRIHMS Cricket Tournament – 1<sup>st</sup> Position**

Organised by Euphoria 2016, NEIGRIHMS, Shillong

Date : 13<sup>th</sup> to 17<sup>th</sup> September 2016

**5. NEIGRIHMS Basketball League – 1<sup>st</sup> Position**

Organised by Euphoria 2016, NEIGRIHMS, Shillong

Date : 13<sup>th</sup> to 17<sup>th</sup> September 2016

**6. MACS Wheel Walk Runathon 2018**

Organised by MA Amriteshwari Charity Sansthan in association with Awadh Association of Physical Medicine and Rehabilitation, Lucknow.

Date : 23<sup>rd</sup> June 2018

**7. HISICON – Aligarh Chapter – 2<sup>nd</sup> Prize in Photography Competition to raise awareness on antimicrobial resistance/Use/Misuse.**

Date : November 2019

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