

CURRICULUM VITAE



NAME : Dr Vikramjeet Singh

DATE OF BIRTH : 11th July 1985

OCCUPATION : Medical Microbiologist. MBBS, MD, DNB Microbiology

EDUCATIONAL QUALIFICATION

Sl.No	Class	School/College	University/Board	Division	Percentage	Remarks
1	MBBS	Mahathma Gandhi Memorial 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 th June 2017
3	DNB (Microbiology) 2019		National Board of Education	First	62.1%	Passed in 2019 with Presidential NBEMS Gold Medal at National Level

WORK EXPERIENCE AS RESIDENT:

Sl. NO.	Designation	Hospital	Service		Experience
			From	To	
1.	PG Resident	North Eastern Indira Gandhi Regional Institute of Health and Medical Sciences, Shillong	9 th June 2014	8 th June 2017	3 Years
2.	Senior Resident	Dr Ram Manohar Lohia Institute of Medical Sciences, Lucknow	04 th July 2017	22 nd April 2021	3 Years 9 Months
3.	Assistant Professor	Dr.RMLIMS, Lucknow	23 rd April 2021	26 th June 2024	3 Years 2 months
4.	Assistant Professor	Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow	28 th June 2024	Current Designation	Working

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, PG, 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, MALDI TOF 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, Accomodation, Food and Travel and Souvenir) in VIROCON 2015 and few CMEs in NEIGRIHMS, Shillong and DrRMLIMS, Lucknow.
- Helped in conducting MBBS and PG Final Practical Examination.
- Conducted Quiz competition for MBBS three times in a row in Dr.RMLIMS, Lucknow
- 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
- Member in Quality cell of hospital, NABH, ABPMJAY and HICC committee of Dr.RMLIMS, Lucknow

Research Paper Presentation

1. Chromobacterium violaceum causing Fournier's Gangrene

Event: MICROCON 2014 38th Annual conference of Indian Association of Medical Microbiologists (National): 15th-19th Oct, 2014

Category: Poster Presentation

Venue: Jaipur

2. High level aminoglycoside resistance among clinical enterococcal isolates in a tertiary carecentre

Event : 3rd Annual Day Scientific Research Presentation Programme 2015

Category: Oral Presentation

Venue: NEIGRIHMS, Shillong

3. Prevalence of Surgical Site Infections among the postoperative patients in tertiary health care

centre, NEIGRIHMS, Shillong

Event : 15th Congress of the International Federation of Infection Control (IFIC-HISI) 21st -24th 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): 25th -29th 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 , 11th National Conference of Society of Indian Human and Animal Mycologists, Department of Microbiology, IGMC, Shimla: 18th-20th March, 2016

Category: Oral Presentation

Venue : IGMC, Shimla

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

Event : UPMICROCON 2018 14th Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, AMCH, AMU, Aligarh. 2nd-3rd 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 15th Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era Medical College and Hospital. Lucknow 1st - 2nd 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, 25th May 2019

Category : Oral Presentation

9. Evaluation of MIC Creep among Gram negative bacteria isolated from critically ill patients admitted in ICU of North India. MIC Creep or Climb – Think fast, Act Promptly.

Event : National MICROCON 2023

Organised by: Department of Microbiology, KGMU, Lucknow

Category : Oral Presentation

10. Evaluation Of Direct Antimicrobial Susceptibility From Positive Blood Cultures Based On Microscopic Imaging Analysis In Sepsis Patients Of Intensive Care Unit In North India

Event : UPUK MICROCON 2023

Organised by: Department of Microbiology, SNMC Agra

Category : Oral Presentation

Conferences attended

1. MICROCON 2014

38th National conference of Indian Association of Medical Microbiologists
Organised by SMS Jaipur
Date: 15th -19th Oct 2014

2. IFIC-HISI 2019

15th Congress of International Federation of Infection Control
Organised by Hospital Infection Society India
Date: 21st – 24th March, 2015

3. VIROCON 2015

24th National conference of Indian Virological Society
Organized by : Dept. of Microbiology, NEIGRIHMS, Shillong
Date: 8th – 10th October, 2015

4. MICROCON 2015

39th National conference of Indian Association of Medical Microbiologists
Organized by: JIPMER, Pondicherry
Date: 25th-29th November, 2015

5. SIHAM 2016

11th National Conference of Society of Indian Human and Animal Mycologists
Organized by: Department of Microbiology, IGMC, Shimla
Date: 18th-20th March, 2016

6. UP-UK MICROCON 2018

14th Annual Conference of UP & UK CHAPTER
Organised by: Department of Microbiology, AMCH, AMU, Aligarh.
Date: 2nd-3rd February 2018

7. TROPACON 2018

12th National Conference of Indian Academy of Tropical Parasitology
Organised by: Department of Microbiology, IMS BHU, Varanasi.
Date: 7th -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: 1st-2nd February 2019

9. MICROCON 2023 – SNMC Agra

10. UPUK MICROCON 2023 - National Conference at KGMU, Lucknow

Workshops attended

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

Organised by ICAR Research complex NEH Region, Umiam, Meghalaya

Date: 28th -30th August 2014

2. Spot the diagnosis – Microscopic and photographic slides

Organised by SMS Jaipur

Date: 15th October 2014

3. Research Methodology and Biomaterials

Organised by Department of Orthopaedics and Trauma at NEIGRIHMS, Shillong

Date: 20th -21st March 2015

4. Basic life support for healthcare providers Course

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

Date: 24th April 2015

5. Advanced Cardiovascular Life Support for healthcare providers Course

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

Date: 25th - 26th April 2015

6. Advanced Life Support in Obstetrics

Organised by GVK Emergency Management and Research Institute at NEIGRIHMS, Shillong

Date: 25th - 26th April 2015

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

Organised by JIPMER Pondicherry

Date: 26th 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: 22nd -23rd Jan 2016

9. North East Zonal Operational Research Workshop (RNTCP)

Organised by State Task Force, RNTCP and NEIGRIHMS, Shillong

Date: 5th and 6th February 2016

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

Organised by Department of Microbiology, JIPMER, Puducherry

Date : 28th-31st August 2018

CME attended

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

Organised by Department of Physiology, NEIGRIHMS, Shillong

Date: 13th June 2014

2. Pharmacovigilance

Organised by Department of Pharmacology, NEIGRIHMS, Shillong

Date: 28th June 2014

3. Syndromic approach to common infections

Organised by SMS Jaipur

Date: 16th October 2014

4. CME on Fungal Sepsis: an Update

Organised by Department of Microbiology, Dr RMLIMS, Lucknow

Date: 17th March 2018

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

Organised by Department of Microbiology, Dr RMLIMS, Lucknow

Date: 22nd September 2018

6. CME on Beyond Antibiotics

Organised by Department of Microbiology, Dr RMLIMS, Lucknow

Date: 2nd March 2019

Academics Awards

1. Best Oral Paper Presentation – 2nd Prize

Organised by Scientific and Research Committee of NEIGRIHMS

Date : 4th-5th March 2016

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

Event : SIHAM 2016 , 11th National Conference of Society of Indian Human and Animal Mycologists, Department of Microbiology, IGMC, Shimla: 18th-20th 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 15th Annual Conference of UP & UK CHAPTER

Organised by: Department of Microbiology, Era Medical College and Hospital. Lucknow 1st - 2nd 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, 25th 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: 22nd September 2018

2. Conducted Workshop on Hand Hygiene and Standard Precautions

Event : UPMICROCON 2019 15th Annual Conference of UP & UKCHAPTER

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

3. As Reviewer in Journal Of Hospital Infection

4. Conducted Workshop on Sampling for Rabies from Animals in APCRICON 2023 in RMLIMS, Lucknow

5. Conducted Workshop on CSSD in MICROCON 2023 in RMLIMS, Lucknow

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 2nd December 2019

4. Basic course in Biomedical Research Passed with 78% marks in 2021

Extracurricular Activities & Awards

1. Free Style Solo Dance – 3rd Position

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16th to 19th September 2015

2. NEIGRIHMS Got Talent – 2nd Position

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16th to 19th September 2015

3. NEIGRIHMS Stage Play – 1st Position

Organised by Euphoria 2015, NEIGRIHMS, Shillong

Date : 16th to 19th September 2015

4. NEIGRIHMS Cricket Tournament – 1st Position

Organised by Euphoria 2016, NEIGRIHMS, Shillong

Date : 13th to 17th September 2016

5. NEIGRIHMS Basketball League – 1st Position

Organised by Euphoria 2016, NEIGRIHMS, Shillong

Date : 13th to 17th 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 : 23rd June 2018

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

Date : November 2019

List of publications

Sl. No.	Paper	First Author	Other positions	Indexing
2024				
1	Singh V, Agarwal J, Nath SS, Sharma A. Evaluation of Direct Antimicrobial Susceptibility Testing from Positive Flagged Blood Cultures in Sepsis Patients. Indian J Crit Care Med 2024;28(4):387–392.	Yes		Pubmed
2	Raj N, Agarwal J, Singh V, Nath SS, Das A, Sen M. A retrospective analysis of the 5-year trends of antimicrobial resistance in gram-negative bacterial isolates from an intensive care unit at a tertiary care hospital. Int J Critl In Inj Sci 2023;13:178-83.	No	Third	Pubmed
3	Kumar A, Raj N, Singh S, et al. (March 31, 2024) A Retrospective Observational Study of the Microbial Etiology and Antimicrobial Susceptibility Patterns of Blood Cultures From ICU Patients at a Healthcare Facility in North India. Cureus 16(3): e57356. doi:10.7759/cureus.57356	No	fourth	Pubmed
4	Rautela A, Raj N, Singh V, Das A, Agarwal J. Kluyvera ascorbata: An emerging pathogen and rare cause of urinary tract infection in immunocompetent patients at a tertiary care center in North India. Arch Med Health Sci 2024	No	Third	Pubmed
5	Raj N, Agarwal J, Singh V, et al. Healthcare associated Diarrhea due to Clostridioides difficile in Patients Attending a Tertiary Care Teaching Hospital of North India. Euroasian J Hepato Gastroenterol 2024;14(1):60–64	No	Third	Pubmed

6	Raj N, Saha A, Singh R, Rautela A, Singh V, Das A, et al. Urinary tract aspergillosis in a child with pelviureteric junction obstruction. Arch Med Health Sci	No	Fifth	Pubmed
2023				
1	Pandey P, Yadav H, Maurya K, Singh V, Das A, Sen M, Agarwal J. Pulmonary aspergillosis caused by Aspergillus terreus: An ICU case report. IP Int J Med Microbiol Trop Dis 2023;9(1):74-76.	No	Fourth	Index Copernicus, Cite factor-53 SJIF (2021)- 6.12
2	Gupta A, Agarwal J, Singh V, Sen M, Das A. (March 31, 2023) Matrix-Assisted Laser Desorption Ionization Time of Flight (MALDI-TOF) as an Indispensable Tool in Diagnostic Bacteriology: A Comparative Analysis With Conventional Technique. Cureus 15(3): e36984. DOI 10.7759/cureus.36984	No	Third	Cureus, pubmed indexed
2022				
1	Gautam T, Das A, Agarwal J, Singh V, Sen M et al. A Fatal Case of Otomycosis due to Lichtheimia Spp in an Immunocompromised Patient with a Brief Review of Lichtheimia. <i>International Journal of Innovative Research in Medical Science</i> , 2022 7(10), 522–527. https://doi.org/10.23958/ijirms/vol07-i10/1503	No	Fourth	Scopus citescore (2021) - 2.2
2	Sen M, Pandey P, Rautela A, Jafar H, Singh V, Garg J, Das A, Agarwal J, Imported malaria with chikungunya co-infection: A case report. IP Int J Med Microbiol Trop Dis 2022;8(4):342-344	No	Fifth	Index Copernicus, Cite factor-53 SJIF (2021)- 6.12
3	Kumar A, Pandey P, Das A, Gupta N, Thacker M, Singh V, Sen M, Agarwal J. Cryptosporidiosis in HIV patients: A case report for timely diagnosis and prompt intervention. Indian Journal of Microbiology Research 2022; 9(4):296-298.	No	Sixth	Index Copernicus, Cite factor-53 SJIF (2021)- 6.12
4	Pandey P, Singh V, Agarwal J, Das A, Garg J, Sen M. covid-19 pandemic and medical education: a clinical microbiology perspective. International journal of recent & scientific research. 2022 May 13(5a), pp1093-1096. DOI: http://dx.doi.org/10.24327/ijrsr.2022.1305.0235	No	Second	Pubmed
2021				
1	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. Journal of medical virology. 2021 Mar; 93(3):1526-31. DOI: 10.1002/jmv.26475	No	Second	Pubmed
2	Singh V, Das A, Gupta N, Agarwal AC, Gautam T, Raj N, Garg J, Sen M, Agarwal J. Co-infection of mucormycosis and aspergillosis in post COVID-19 patient: A concerning rare case report during second wave of COVID-19 pandemic. IP Int J Med Microbiol Trop Dis 2021;7(4):300-303. https://doi.org/10.18231/i.ijmmtd.2021.062	Yes		Index Copernicus, Cite factor-53 SJIF (2021)- 6.12
3	Agarwal J, Singh V, Garg J, Karoli R, Tiwari S, Naqvi S, Das A, Sen M. RNAemia and Clinical Outcome in COVID-19 Patients. Journal of Microbiology and Infectious Diseases. 2021; 11 (3):116-123. doi: 10.5799/jmid.993839	No	Second	Cite factor indexed
4	Singh V, Agarwal J, Garg J, Saquib M, Das A, Sen M. Role of Cycle Threshold of RT-PCR in the Prediction of COVID-19 Cases. Journal of Microbiology and Infectious Diseases. 2021; 11 (3):132-139. https://doi.org/10.5799/jmid.993878	Yes	No	Citefactor indexed
5	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 Jun;25(6):635-641. doi: 10.5005/jp-journals-10071-23861. PMID: 34316142	No	Second	Pubmed Indexed
6	Singh V, Pandey P, Das A, Sen M, Agarwal J. Transformation of Commensal to a Pathogen: Blood Stream Infection due to	Yes		Index Copernicus, Cite factor-53

	Coagulase Negative Staphylococci Among Patients Attending Tertiary Care Hospital in North India. International Journal of Medical Microbiology and Tropical Diseases (IJMMTD) 2021;7(2):71-76. https://doi.org/10.18231/i.ijmtd.2021.016			SJIF (2021)- 6.12
2019				
1	Singh V , Sen M, Das A, Srivastava S, Mittal V. A Survey of Staphylococcus Isolates among Commonly Used Fomites of Hospital Personnel with Special Reference to Methicillin Resistance. Indian J Health Sci and Care 2019;6(1):1-5	Yes		Indian citation index
2018				
1	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.	Yes		Pubmed Index
2	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.	No	Second	Index copernicus
3	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.	No	Second	Index copernicus
4	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	Yes		Index copernicus
5	Ahirwar S, Singh V, Sen M, Mittal V, Das A. Rise of superficial mycoses: A clinico-epidemiological study among the patients attending tertiary health care centre in north India. Indian J Microbiol Res. 2018;5(3):303-306.	No	Second	Index copernicus
6	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.	Yes		SJIF indexed 6.15
7	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	Yes		Index copernicus
8	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	Yes		Index copernicus
9	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.	Yes		Index copernicus

10	Singh V , Lyngdoh WV, Rajbongshi J, Debnath K. Emergence of Kocuriarhizophila and Kocuriarosea Infections in Immunocompromised Patient. International Journal of Science and Research. 2018;7(1): 766- 768	Yes		Index copernicus
2016				
1	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	No	Fourth	Index copernicus
2	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.	No	Seventh	Pubmed
2015				
1	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.	No	Third	Pubmed