



Personal Details				
Name:	VINOD SINGH			
Designation:	Assistant Professor			
Qualification:	Ph.D.			
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Complete Resume				
General Information				
Name	VINOD SINGH			
Designation	Assistant Professor			
Qualification	Ph.D.			
Date of Birth	06-April, 1973			
Date of Joining	01-November, 2012			
Contact Details				
Phone/Mobile	01991-285524 (08 lines) Extn: 2531			
Email ID	vinod.singh@smvdu.ac.in			
Specialization	Immunology			
Educational Qualification				
Name of the Degree	Year of Passing	Institute/University		
B.Sc.	1995	Kurukshetra University, Kurukshetra		
M.Sc.	1997	Kurukshetra University, Kurukshetra		
Ph.D.	2003	Institute of Microbial Technology, Chandigarh/JNU, New Delhi		
Teaching/Industry Experience				
Position Held	Department and Organization	From	To	Total Experience
Visiting Fellow	National Cancer Institute, NIH, USA	June, 2004	June, 2009	5 years
Visiting Fellow	National Center for Biological Science, TIFR, Bangalore	December, 2009	July, 2011	One year and eight months
Assistant Professor	Shoolini University of Biotechnology and Management	August, 2011	October, 2012	One year and three months

	Sciences, Bajhol, Solan			
Assistant Professor	Shri Mata Vaishno Devi University, Katra	November, 2012	Continuing	

Administrative Experience

Position Held	Department and Organization	From	To
Joint Warden	Nilgiri Boys Hostel, SMVDU	August, 2024	Continuing

Research Experience

Research Interests:	Immunology and Human Genetics
Brief Research Statement:	To study the genetics and genomics of complex human diseases; and Cancer Immunology, Immunoregulation and Immunomodulation.

Research Projects

Role	Project Type	Title	Funding Agency	From	To	Amount	Status	Co-Investigator	Sanction Order	Sanction Date

Journal Publications:

Year	Author(s)	Title & Vol. No.	Journal Name	Indexing (SCI) Web of Science/Scopus
2024	Shipra, Singh H, Rai E & Sharma S.	Genetic Underpinnings of Adolescent Idiopathic Scoliosis: A Review, 24(1): 109-136.	International Journal of Human Genetics	SCI
2024	Singh H, Shipra, Gupta M, Gupta N, Gupta G, Pandita AK, Sharma R, Pandita S, Singh V, Garg B, Rai E, & Sharma S.	SOX9 gene shows association with adolescent idiopathic scoliosis predisposition in Northwest Indians, 29(1), 66.	European journal of medical research	SCI

2022	Singh H, Shipra, Sharma V, Sharma I, Sharma A, Modeel S, Gupta N, Gupta G, Pandita AK, Butt MF, Sharma R, Pandita S, Singh V, Rai E, Ikegawa S, & Sharma, S.	The first study of epidemiology of adolescent idiopathic scoliosis shows lower prevalence in females of Jammu and Kashmir, India, 14(2), 1100–1106.	American journal of translational research	SCI
2020	Sharma S, Lalrohlu F, Sharma V, Sharma I, Sharma S, Javed Parihar T, Zohmingthang a J, Singh V, Sharma S, Senthil Kumar N & Rai E.	Candidate gene association study of <i>UCP3</i> variant rs1800849 with T2D in Mizo population of Northeast India, 40, 513–517.	International Journal of Diabetes in Developing Countries	SCI
2020	Lalrohlu F, Sharma V, Sharma I, Singh H, Kour G, Sharma S, Yuman, Zohmingthang a J, Vanlalhruii, Rai E, Singh V, Senthil Kumar N & Sharma S.	MACF1 gene variant rs2296172 is associated with T2D susceptibility in Mizo population from Northeast India, 40, 223–226.	International Journal of Diabetes in Developing Countries	SCI
2019	Angural A, Sharma I, Pandoh P, Sharma V, Spolia A, Rai E, Singh V, Razdan S, Pandita KK, Sharma S.	A case report on a novel MT-ATP6 gene variation in atypical mitochondrial Leigh syndrome associated with bilateral basal ganglia calcifications, 46, 209–213.	Mitochondrion	SCI
2018	Sharma V, Sethi I, Sharma I,	Replication of MACF1 gene variant rs2296172 with type 2 diabetes	International Journal of Diabetes	SCI

	Singh G, Mahajan A, Angural A, Bhanwer AJS, Dhar MK, Pandita KK, Singh V, Rai E, Sharma S.	susceptibility in the Bania population group of Punjab, India, 38, 387-390.	in Developing Countries	
2017	Sharma V, Sharma I, Sethi I, Mahajan A, Singh G, Angural A, Bhanwer AJS, Dhar MK, Singh V, Rai E, Sharma S.	Replication of newly identified type 2 diabetes susceptible loci in Northwest Indian population, 126, 160-163.	Diabetes Research and Clinical Practice	SCI
2016	Sethi I, Bhat GR, Singh V, Kumar R, Bhanwer AJ, Bamezai RN, Sharma S, Rai E.	Role of telomeres and associated maintenance genes in Type 2 Diabetes Mellitus: A review,122, 92-100.	Diabetes Research and Clinical Practice	SCI
2015	Zhu Z, Cuss SM, Singh V, Gurusamy D, Shoe JL, Leighty R, Bronte V, Hurwitz AA.	CD4+ T Cell Help Selectively Enhances High-Avidity Tumor Antigen-Specific CD8+ T Cells, 195(7), 3482-9.	Journal of Immunology	SCI
2014	Sharma V, Sharma I, Singh VP, Verma S, Pandita A, Singh V, Rai E, Sharma S.	mtDNA G10398A variation provides risk to type 2 diabetes in population group from the Jammu region of India,13(2), 269-73.	Meta Gene	Scopus
2009	Singh V, Ji Q, Feigenbaum L, Leighty RM, Hurwitz AA.	Melanoma progression despite infiltration by in vivo-primed TRP-2-specific T cells, 32(2), 129-39.	Journal of Immunotherapy	SCI
2006	Singh V, Agrewala JN.	Regulatory role of pro-Th1 and pro-Th2 cytokines in modulating the activity of Th1 and Th2 cells when B cell and macrophages are used as antigen presenting cells, 7:17.	BMC Immunology	SCI

2003	Agrewala JN, Suvas S, Singh V, Vohra H.	Delivery of antigen in allogeneic cells preferentially generates CD(4+) Th1 cells, 134(1), 13-22.	Clinical & Experimental Immunology	SCI
2002	Suvas S, Singh V, Sahdev S, Vohra H, Agrewala JN.	Distinct role of CD80 and CD86 in the regulation of the activation of B cell and B cell lymphoma, 277(10), 7766-75.	Journal of Biological Chemistry	SCI
2001	Raghavendra V, Singh V, Kulkarni SK, Agrewala JN.	Melatonin enhances Th2 cell mediated immune responses: lack of sensitivity to reversal by naltrexone or benzodiazepine receptor antagonists, 221(1-2), 57-62.	Molecular and Cellular Biochemistry	SCI
2001	Raghavendra V, Singh V, Shaji AV, Vohra H, Kulkarni SK, Agrewala JN.	Melatonin provides signal 3 to unprimed CD4(+) T cells but failed to stimulate LPS primed B cells, 124(3), 414-22.	Clinical & Experimental Immunology	SCI

Conference Publications

Year	Author(s)	Title	Conference name with place	Indexing (SCI/Web of science/Scopus)

Book/Chapters Written

Type	Title	Publisher	Author(s)	ISB N/I SSN No.	Year

Research Supervision

Programme Name	Scholar Name	Research Topic	Status	Year	Co-Supervisor (s)
Ph.D.	Varun Sharma	Identification and Evaluation of Type 2 Diabetes Susceptibility Genes in Northwest Indians	Awarded	2020	Co-supervisor

Patents						
Title	Reg./Ref.No	Date of Award/Filling	Awarding Agencies			Status
Conferences / Workshops/ FDP/STC /Training/Skill Dev Courses Organized						
Category	Type	Title	Venue	From	To	Designation
Workshop		Dynamics & Advances in General Financial Rules (GFRs) & Purchase Processes	FDC-SMVDU	August 7, 2021	August 7, 2021	Organizing Secretary
Workshop		Jammu Through the Ages: An Introspection	FDC-SMVDU	September 17, 2021	September 17, 2021	Co-convenor
Conference		International Conference on Emerging Trends in Biosciences and Chemical Technology-2022 (ETBCT-2022)	SMVDU-Katra, IIIM-Jammu, and BRSI	December 3, 2022	December 5, 2022	Co-convenor
Skill Training		Entrepreneurship Development Program and Business Plan Competition	SMVDU, Katra	December 20, 2022	December 30, 2022	Program Coordinator
Skill training		Entrepreneurship Development Program	SMVDU, Katra	August 17, 2023 October 10, 2023	August 25, 2023 October 17, 2023	Program Coordinator
Conferences / Workshops/ FDP/STC / Training/Skill Dev Courses Participated						

Category	Type	Title	Venue	From	To	Designation
FDP		General Orientation Course	Academic Staff College, Jammu University	June 17, 2014	July 14, 2014	Participant
FDP		Special Winter School	HRDC, GNDU, Amritsar	December 3, 2015	December 23, 2015	Participant
FDP		Entrepreneurship Development	EDC, SMVDU, Katra	December 12, 2016	December 24, 2016	Participant
Conference		4th International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET-2017)	SMVDU, Katra	November 3, 2017	November 4, 2017	Session Chaired
FDP		Foundation Program in ICT for Education	IIT Bombay	March 8, 2018	April 12, 2018	Participant
Conference		43rd Annual Meeting of the Indian Society of Human Genetics	CCMB, Hyderabad	March 12, 2018	March 14, 2018	Participant
FDP		Pedagogy for Online and Blended Teaching-Learning Process	IIT Bombay	May 3, 2018	May 30, 2018	Participant
Conference		2018 NextGen Genomics , Biology, Bioinformatics and Technology	Jaipur, Rajasthan (SciGenom Research Foundation, India)	September 30, 2018	October 2, 2018	Participant

		ies (NGBT) Conference				
Conference		5 th International Conference on Recent Trends and Advancements in Engineering and Technology (ICRTAET-2018)	SMVDU, Katra	October 25, 2018	October 26, 2018	Session Chaired
Conference		45 th Annual Meeting of the Indian Immunology Society	THSTI, Faridabad	November 1, 2018	November 3, 2018	Participant
FDP		Pedagogy	FDC, SMVDU, Katra	March 11, 2019	March 15, 2019	Participant
Conference		2019 NextGen Genomics, Biology, Bioinformatics and Technologies (NGBT) Conference	Taj Lands End., Mumbai	September 30, 2019	October 2, 2019	Participant
Conference		International Conference on Applied Biology (ICAB 2019)	SMVDU, Katra	November 4, 2019	November 6, 2019	Session Co-chaired
Conference		World Congress on Reproductive Health with Emphasis on	SMVDU, Katra	February 14, 2020	February 16, 2020	Participant

		Reproductive Cancers, Infertility and Assisted Reproduction (ISSRF-2020)				
FDP		Human Molecular Genetics	NPTEL-AICTE	January, 2021	February, 2021	Participant
Workshop		Conservation Issues in India	Central Academy for State Forest Service, Dehradun	July 19, 2021	July 20, 2021	Participant
Conference		47th Annual Conference of The Indian Immunology Society	CSIR-Indian Institute of Chemical Biology, Kolkata	December 18, 2021	December 19, 2021	Participant
FDP		Cell Biology: Cellular Organization, Division and Processes	NPTEL-AICTE	January, 2022	March, 2022	Participant
Conference		48th Annual Conference of The Indian Immunology Society	BHU, Varanasi	July 8, 2022	July 9, 2022	Participant
Conference		49th Annual Conference of The Indian Immunology Society	PGIMER, Chandigarh	November 23, 2022	November 26, 2022	Participant

Conference		Immunocon-2023	AIIMS, New Delhi	October 5, 2023	October 8, 2023	Participant
FDP		NEP 2020 Orientation & Sensitization Programme	MMTTC, SMVDU	January 8, 2024	January 17, 2024	Participant
FDP		Machine Learning and Statistical Data Analysis using MATLAB	MMTTC, SMVDU	July 8, 2024	July 13, 2024	Participant

Expert Talks

Title	Place	Year	Description of Event
Online Extension Lecturers	Department of Chemistry, Indira Gandhi University, Meerpur-Rewari (Haryana)	January 15, 2022 and February 5, 2022	Biology for Chemists course of M.Sc. Chemistry
Business Ideas & Opportunities – Biotechnology Sector	SMVDU, Katra	12-03-2022	Entrepreneurship Development Program
Business Ideas & Opportunities in the Field of Science	SMVDU, Katra	28-12-2022	Entrepreneurship Development Program
Business Ideas & Opportunities in the Field of Science	SMVDU, Katra	28-03-2023	Entrepreneurship Development Program

Consultancy

Title of Consultancy	Client Organization	Faculty Involved	Amount(INR)	Status

International & National Exposure				
Sr.No.	Title	Description		
Honors & Recognitions Achieved				
Sr.No.	Title	Ac tivity	Given By	Year
Links				
LinkedIn				
Research gate				
Facebook				
Instagram				