Sri Venkateswara College

(University of Delhi)
Benito Juarez Road, New Delhi - 110021
(Phone No. - 011-2411 2196 : Email - principal@svc.ac.in)

Print Date : 24-11-2026

1. Personal Profile



Title: **Dr.** First Name: **LIEUT. KAMESWARA** Last Name: **SHARMA YVR**

Designation: **ASSOCIATE PROFESSOR** Mobile No. **----------**

Phone No. (Office) **----------** Phone No. (Residence): **----------**

Email: **kameshwar@svc.ac.in** Webpage: **----------**

Facebook: ---------- Twitter: ----------

LinkedIn: ---------- Instagram: ----------

Youtube: ---------- Research Gate Link: ----------

Google Scholar Link: ----------

Address: **----------**

2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc.	Andhra University	2003
M.Sc.	Andhra University	2005
Ph.D	Department of Zoology, University of Delhi	2011
M.Res	University of Nottingham, UK	2018

3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Sri Venkateswara College, University of Delhi	20.Mar.2024 - 20.Mar.2025	Member, College Governing Body

CAREER PROFILE	ASSOCIATE PROFESSOR	NATIONAL CADET CORPSES (NCC) Sri Venkateswara College, University of Delhi	11.Sep.2023 - Till date	Appointed as Associate NCC Officer (ANO) by DG NCC, New Delhi (Ministry of Defence, Government of India) and Commissioned as Lieutenant (Commission No. NCC-04110052 SD-ARMY in NCC w.e.f 11th September, 2023 till date.
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NEXUS Sri Venkateswara College, University of Delhi	23.Jan.2025 - 31.Mar.2025	Core Committee Member of Annual Cultural Festival NEXUS 2025
ADMINISTRATIVE ASSIGNMENTS	CONVENER	PURCHASE COMMITTEE Sri Venkateswara College, University of Delhi	01.Oct.2023 - Till date	3.Elected as Convener, Purchase Committee (Staff Council Committee) Sri Venkateswara College (2023-25).
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Department of Biochemistry, University of Delhi South Campus	01.Dec.2022 - 30.Nov.2024	Member, Departmental Research Committee (DRC) of Department of Biochemistry, University of Delhi South Campus, Delhi for a period of two years from December, 2022 to December, 2024.
ADMINISTRATIVE ASSIGNMENTS	MEMBER	OTHERS Sri Venkateswara College Cooperative Society	05.Sep.2023 - Till date	Elected as a Member in the Cooperative Society, Sri Venkateswara College for a period of two years w.e.f 2023.
ADMINISTRATIVE ASSIGNMENTS	MEMBER	MENTOR MENTEE Sri Venkateswara College, University of Delhi	05.Nov.2025 - 31.May.2025	Counselling the students in the Mentor-Mentee Interaction as assigned by the College through the NAAC criteria.

4. Other Profiles

Other Profile Name/ Description

5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status

6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
2011	Enzymatic Determination of Catechol Oxidase and Protease from Fruits and Vegetables	DBT	12 MONTHS		01.Jan.2011
2011	Effect of Proline on Triticum aestivum under Drought Conditions of Salinity	DBT	12 MONTHS		01.Jan.2011
2011	Extraction and Purification of Invertase from Saccharomyces cerevisiae	DBT	12 MONTHS		01.Jan.2011
2011	Purification and Characterization of Secondary Structure and Kinetic study of Lipase from Indian Major Carp, Catla catla (catla)	DBT	2 years		01.Jan.2011

2013	Comparative Antioxidant Profiling of Indian Rice Cultivars in Response to Salinity Stress	UNIVERSITY OF DELHI	12 MONTHS		01.Apr.2014
2013	Immunohistochemical Evaluation of Candidate Markers for Sebaceous Differentiation and Aggressive Eyelid Sebaceous Gland Carcinoma	UNIVERSITY OF DELHI	12 MONTHS		26.Nov.2013
2017	Characterization of Abundant Serum Proteins and its Isoforms using Various Biochemical Techniques	DBT	12 MONTHS		02.Jan.2017

7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link
RESEARCH PAPERS (International)	INTEGRATING TOXICOGENOMICS AND EPIGENETICS FOR NEXT-GENERATION TOXICITY RISK ASSESSMENT	European Journal of Clinical Pharmacy	Praveen Kumar Kadeyala, Govardhan Naik A, Sridhar Dumpala, Vivek Chintada, Anil Kumar K M, Kameshwar Sharma YVR* (Corresponding Author)	DOI: 10.61336/ejcp/25
RESEARCH PAPERS (International)	AI-Powered Drug Discovery: Integrating Chemistry, Biology, And Data Science	Metallurgical and Materials Engineering	Dr. Dheeraj Mandloi , Amol Shyamkuwar , Satrughan Kumar, Kameswara Sharma YVR , Dr. N.Mani mala , Dr. Lavakusa Banavatu (Joint Author)	https://doi.org/10.6327
RESEARCH PAPERS (International)	Integrative Approaches in Healthcare: The Convergence of Biology, Medicine, and Technology.	Journal of Advanced Zoology	Sweety Bakyarani E, KAMESWARA SHARMA Y V R, BASSA SATYANNARAYANA, V. Suganthan, A.Suvarna Latha, Nidhi Jindal. (Joint Author)	ttps://metall-mater-eng
RESEARCH PAPERS (International)	Potential of Zingiber officinale Extract against Chlorpyrifos Toxicity in Caprine Testicular Cells.	Toxicology International	Priyanka Saraf , Harish Panchal , Kameshwar Sharma , Sanjeev Sharma and Jitender Kumar Bhardwaj* (Joint Author)	https://informaticsjourn

RESEARCH PAPERS (International)	Clinical relevance of cyclooxygenase 2 and peroxisome proliferator-activated receptor c in eyelid sebaceous gland carcinoma	Histopathology	Jayaraj P, Sen S, Bhattacharya T, Arora J, Yadav S, Chhoker V, Kumar A, Dhanaraj PS, Yadavilli Kameshwar S & Verma M (Joint Author)	DOI: 10.1111/his.1293
RESEARCH PAPERS (International)	Quantifying 1 the co-solvent effects on trypsin from the digestive system of carp Catla catla by biophysical techniques and molecular dynamics simulations	RSC Advances	P. Madhusudhana Reddy, M. Taha, Y. V. R. Kameshwar Sharma, Pannuru Venkatesu* and Ming-Jer Lee. (Joint Author)	https://doi.org/10.1039
RESEARCH PAPERS (International)	Isolation, Purification and Characterization of Secondary structure and Kinetic study of Lipase from Indian Major Carp, Catla catla (catla)	Enzyme engineering	Kameshwar Sharma YVR*, Boora N, Tyagi P (First Author, Corresponding Author)	doi:10.4172/2329667
RESEARCH PAPERS (International)	Anti-cancer activity of medicinal plants and herbs - A Review	International Journal of Multidisciplinary Educational Research (IJMER)	Prasidhi Tyagi and Kameshwar Sharma YVR* (Corresponding Author)	https://s3-ap-southeas https://ijmer.in/issues/v
RESEARCH PAPERS (International)	Purification, Characterization and Potential uses of Lipase. Review article	International Journal of Biochemistry (Photon).	Prasidhi Tyagi, Neelima Boora and Kameshwar Sharma YVR* (Corresponding Author)	https://sites.google.cor
RESEARCH PAPERS (International)	Effects of osmolytes on the structural stability of bovine trypsin: a brief review.	Journal of Pharmacy Research Elsevier	Shivani Jain, Sarvesh Seechurn, Parth Gupta, Gaurika Garg, Bhavuk Dhamija, and Kameshwar Sharma YVR* (Corresponding Author)	https://www.sciencedir https://www.researchg
RESEARCH PAPERS (International)	"Depletion of the Ozone Layer and Its Consequences: A Review,"	American Journal of Plant Science	A. Aggarwal, R. Kumari, N. Mehla, Deepali, R. Singh, S. Bhatnagar, K. Sharma, K. Sharma, V. Amit and B. Rathi, (Joint Author)	doi: 10.4236/ajps.2013

RESEARCH PAPERS (International)	Invertase and its applications-A Brief Review.	Journal of Pharmacy Research, Elsevier	Samarth Kulshrestha, Prasidhi Tyagi, Vinita Sindhi and Kameshwar Sharma YVR* (Corresponding Author)	https://doi.org/10.1016
RESEARCH PAPERS (International)	Effect of Proline on Triticum aestivum (wheat) under the drought conditions of salinity	Journal of Pharmacy Research, Elsevier	Manisha Jain, Elsa Mini Jos, Deepika Arora and Kameshwar Sharma YVR* (Corresponding Author)	https://doi.org/10.1016
RESEARCH PAPERS (International)	Enzymatic determination of Catechol Oxidase and Protease from fruits (orange, apple) and Vegetables (carrot, tomato)	IOSR Journal of Pharmacy and Biological Sciences (IOSR-JPBS)	Vanndita Bahl, Parth Kapoor, Prasidhi Tyagi and Kameshwar Sharma YVR* (Corresponding Author)	DOI:10.9790/3008-055
RESEARCH PAPERS (International)	“Stem Cells-Modern Approach in Medicine”.Review article	International Journal of Pharmacy and Technology.	Kameshwar Sharma YVR*, Prasidhi Tyagi and Samarth Kulshrestha. (First Author, Corresponding Author)	https://www.scimagojr.
RESEARCH PAPERS (International)	Potential applications of antioxidants- A review	Journal of Pharmacy Research Elsevier	? Vinita Sndhi, Vartika Gupta, Kameshwar Sharma, Sonal Bhatnagar, Reeta Kumari, Neeti Dhaka. (Joint Author)	https://www.sciencedir
RESEARCH PAPERS (International)	In vivo Studies of Antioxidant and Hepatoprotective Effects of Novel Bismuth (V) Metalloantibiotic in Staphylococcus aureus Infected Mice	Journal of Pharmacy Research:BioMedRx	Sandeep Garg?, Kameshwar Sharma, Brijesh Rathi, PatriciaX.Fernande* (Joint Author)	
RESEARCH PAPERS (International)	Purification and characterization of trypsin from the digestive system of carp Catla catla (Hamilton)	International Aquatic Research, Springer	Bronson Kumar Khangembam, Kameshwar Sharma YVR and Rina Chakrabarti* (Joint Author)	DOI: 10.1186/2008-69

RESEARCH PAPERS (International)	Screening of Adulterants in the milk and dairy products of Delhi region- A case study.	International Journal of Pharmacy and Technology.	Sonal Gahalawat, Suman Kumari, Neelima Bora, Kameshwar Sharma* (Corresponding Author)	https://www.scimagojr.
RESEARCH PAPERS (International)	Increase in oxidative stress at low temperature in an Antarctic Bacterium	Current Microbiology	M.K. Chattopadhyay, G. Raghu, Y.V.R.K. Sharma, A.R. Biju, M.V. Rajasekharan and S. Shivajji (Joint Author)	doi: 10.1007/s00284-0
RESEARCH PAPERS (International)	Invitro Cell viability and Antibacterial activity of novel Bismuth (V) complex	International Journal of PharmaTech Research	Sandeep Garg, Pankaj Attri, Kameshwar Sharma, Rajeev Ranjan and Parshram Mishra. (Joint Author)	https://www.scimagojr.
RESEARCH PAPERS (International)	In vivo Antioxidant activity and hepatoprotective effects of methanolic extract of Mesuaferrea linn	International Journal of PharmaTech Research	Sandeep Garg, Kameshwar Sharma, Rajeev Ranjan, Pankaj Attri and Parshuram Mishra. (Joint Author)	https://www.scimagojr. https://www.scopus.co
BOOKS AUTHORED (National)	BBCCL-106; PROTEINS (Practical)	IGNOU, https://egyankosh.ac.in/handle/123456789/73524. 2021	Kameshwar Sharma (Sole Author)	https://egyankosh.ac.in
CHAPTER IN EDITED BOOKS (National)	BBCCT-105; PROTEINS - Techniques Used in Studying 3-D Structures	IGNOU; http://egyankosh.ac.in//handle/123456789/71701. 2021	Kameshwar Sharma (Sole Author)	http://egyankosh.ac.in/
CHAPTER IN EDITED BOOKS (National)	BBCET-145 - INTRODUCTION TO THE CANCER (Unit 8)	IGNOU, http://egyankosh.ac.in/IGNOU	Kameshwar Sharma (Sole Author)	http://egyankosh.ac.in/
CHAPTER IN EDITED BOOKS (National)	M.Sc. Zoology (Life Sciences), IGNOU. MZO-003 Comparative Animal Physiology and Biochemistry; Unit 17: Metabolic Network	IGNOU, http://egyankosh.ac.in//handle/123456789/104860	Kameshwar Sharma (Sole Author)	http://egyankosh.ac.in/

CHAPTER IN EDITED BOOKS (National)	M.Sc. Zoology (Life Sciences), IGNOU. MZO-003 Comparative Animal Physiology and Biochemistry, ; Unit 18: Integration of Metabolism-I	IGNOU; http://egyankosh.ac.in//handle/123456789/104861	Kameshwar Sharma (Sole Author)	http://egyankosh.ac.in/
CHAPTER IN EDITED BOOKS (International)	Chapter 10 Fish Collagen: Extraction, Properties, and Prospects/Engineered Biomaterials: Progress and Prospects	World Scientific Publishing Company	YVR Kameshwar Sharma, Arti Srivastava, Dravie Bansal, Ashutosh Srivastava (First Author)	https://doi.org/10.1142
BOOKS TRANSLATED (National)	BBCCL-106; PROTEINS Practical (Hindi): IGNOU 2020	IGNOU ,	Kameshwar Sharma (Sole Author)	http://egyankosh.ac.in/

8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number

9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From-To
2023	FACULTY INDUCTION PROGRAM ATTENDED	ASSISTANT PROFESSOR	National	Commissioned with rank Lieutenant (Commission No. NCC-04110052)	12.Jun.2023 - 11.Sep.2023
2024	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	ASSISTANT PROFESSOR	National	Appointed as Camp Adjutant (2-IC)	07.Nov.2024 - 18.Nov.2024
2025	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	ASSOCIATE PROFESSOR	National	Commanding Officer Commendation Award	11.Sep.2025 - 11.Sep.2025
2023	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	Army Attachment Camp (National) at 19 Bihar/60 Inf/Bde (Naraina, Delhi Cant)	03.Dec.2023 - 03.Dec.2023
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Combined Annual Training Camp – 2024	11.May.2024 - 11.May.2025

2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Annual Training Camp - 34	08.Jul.2024 - 08.Jul.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	EBSB Camp 2024	11.Nov.2024 - 11.Nov.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	University	Invited Guest Lecture at Centre for Plant Molecular Biology and Biotechnology (CPMB&B), TNAU, Coimbatore	23.Jul.2024 - 23.Jul.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	University	Invited Guest Lecture Series- GVP for Degree and PG Courses (Autonomous), Affiliated to Andhra University, Visakhapatnam	21.Aug.2024 - 21.Aug.2024
2016	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	International	Interdisciplinary Research Conference LINK-16	03.Jun.2016 - 03.Jun.2016
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	3rd International COnference on Nanoscience and Nanotechnology, VIT (2025)	17.Dec.2025 - 17.Dec.2025
2013	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	International	International Symposium on Genomics in Aquaculture (ISGA 2013).	22.Jan.2013 - 23.Jan.2013
2014	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	SPEAKER	International	1st International Conference on Emerging Trends of Nanotechnology in Drug Discovery (INDD-2014)	26.May.2014 - 27.May.2014
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	SPEAKER	International	International Conference on Structural and Functional Genomics ICSFG - 2013	07.Jan.2013 - 07.Jan.2013
2012	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	7th National Conference on Thermodynamics of Chemical, Biological and Environmental Processes (TCBEP-2012)	10.Dec.2012 - 12.Dec.2012
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	SPEAKER	National	National Conference on Redefining Science Teaching: Future of Education Promoting research at Undergraduate Level	07.Mar.2013 - 07.Mar.2013
2014	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	National	9th national Conference on Thermodynamics of Chemical, Biological, Environmental and Non-Conventional Energy Systems (TCBNES-2014)	17.Oct.2014 - 17.Oct.2014

2012	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	SPEAKER	National	7th National Conference on Thermodynamics of Chemical, Biological and Environmental Processes (TCBEP-2012)	10.Dec.2012 - 12.Dec.2012
2012	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	7th National Conference on Thermodynamics of Chemical, Biological and Environmental Processes (TCBEP-2012)	10.Dec.2012 - 12.Dec.2012
2013	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	28.Feb.2013 - 28.Feb.2013
2013	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	28.Feb.2013 - 28.Sep.2013
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	28.Dec.2013 - 28.Dec.2013
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	01.Mar.2013 - 01.Mar.2013
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	02.Mar.2013 - 02.Mar.2013
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Symposium on Recent Trends in Innovative Research Undergraduation: Science and Society	02.Mar.2013 - 02.Mar.2013
2013	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	National	National Seminar on Current Research Trends and Developments In Chemical Sciences (2013)	10.Mar.2013 - 10.Mar.2013
2013	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Ramachandran manifestation: Peptide to Proteome Commemorating 50 years of the Ramachandran Plot (2013)	14.Mar.2013 - 15.Mar.2013
2013	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	National	Ramachandran manifestation: Peptide to Proteome Commemorating 50 years of the Ramachandran Plot (2013)	15.Mar.2013 - 15.Mar.2013
2014	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	SPEAKER	National	9th national Conference on Thermodynamics of Chemical, Biological, Environmental and Non-Conventional Energy Systems	17.Oct.2014 - 17.Oct.2014

2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	INVITED SPEAKER	College	Lab staff training Workshop on Laboratory skills	17.Jan.2024 - 24.Jan.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	University	Workshop on Procurement Through GeM	22.Nov.2024 - 22.Nov.2024
2025	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	College	Workshop on Research Methodology for Students Data Analysis	01.Jun.2025 - 01.Jun.2025
2015	NATIONAL/ INTERNATIONAL FELLOWSHIPS (IOE, FRSC, etc.) ATTENDED	ASSISTANT PROFESSOR	International	Delhi University Staff Development Programme Scholarship	01.Sep.2015 - 07.Oct.2016

Dr. LIEUT. KAMESWARA SHARMA YVR