



# Kirori Mal College

(University of Delhi)

University of Delhi, Delhi-110007

(Phone No. - 011-7121 9084 : Email - principal@kmc.du.ac.in)



Print Date : 16-04-2026

## 1. Personal Profile

Title: **Dr.** First Name: **UTKARSH** Last Name: **SOOD**

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

Phone No. (Office) **011-71219084** Phone No. (Residence): -----

Email: [utkarsh@kmc.du.ac.in](mailto:utkarsh@kmc.du.ac.in) Webpage:  
<https://sites.google.com/view/utkarshsood>

Facebook: ----- Twitter: <https://twitter.com/utkarshsood04?lang=en>

LinkedIn: <https://www.linkedin.com/in/utkarsh-sood-202830219/> Instagram: -----

Youtube: ----- Research Gate Link: <https://www.researchgate.net/profile/Utkarsh-Sood>

Google Scholar Link: <https://scholar.google.co.in/citations?hl=en&user=wkdZ-GEAAAJ>

Address: **DEPARTMENT OF ZOOLOGY, 2ND FLOOR, SCIENCE BLOCK, KIRORI MAL COLLEGE, DELHI-110007**



## 2. Educational Qualifications

Degree/ Certification	Institution	Year
B.Sc. (H) Zoology	Hansraj College, University of Delhi	2012
M.Sc. Zoology	Department of Zoology, University of Delhi	2014
Ph.D.	University of Delhi	2018
Post-doctorate	The Energy and Resources Institute	2021

## 3. Career Profile & Administrative Assignments

Category	Role/ Designation	Department/ Committee	Date From - To	Remarks
CAREER PROFILE	ASSISTANT PROFESSOR	ZOOLOGY KIRORI MAL COLLEGE, DELHI	22.Nov.2022 - Till date	
CAREER PROFILE	GUEST LECTURER	ZOOLOGY HINDU COLLEGE, DELHI	11.Nov.2022 - 21.Nov.2022	

ADMINISTRATIVE ASSIGNMENTS	CO-CONVENER	CAREER DEVELOPMENT CELL KIRORI MAL COLLEGE, DELHI	14.Jun.2023 - Till date	
CAREER PROFILE	GUEST LECTURER	ZOOLOGY MAITREYI COLLEGE FOR WOMEN, DELHI	28.Feb.2022 - 26.Jul.2022	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	SPACE INFRASTRUCTURE COMMITTEE KIRORI MAL COLLEGE, DELHI	22.May.2023 - 23.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	NEW PENSION SCHEME COMMITTEE KIRORI MAL COLLEGE, DELHI	22.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEVELOPMENT & MAINTENANCE COMMITTEE KIRORI MAL COLLEGE, DELHI	22.May.2023 - 23.Jun.2025	
ADMINISTRATIVE ASSIGNMENTS	MEMBER	DEBSOC – THE DEBATING SOCIETY KIRORI MAL COLLEGE, DELHI	22.May.2023 - Till date	
ADMINISTRATIVE ASSIGNMENTS	ASSISTANT PROFESSOR	PORTAL COMMITTEE Kirori Mal College	23.Jun.2025 - Till date	
ADMINISTRATIVE ASSIGNMENTS	COORDINATOR	IQAC Department of Zoology, KMC	23.Dec.2024 - Till date	

#### 4. Other Profiles

##### Other Profile Name/ Description

##### MEMBERSHIPS IN ACADEMIC/ PROFESSIONAL BODIES

1. Life Member of Association of Microbiologists of India (AMI): Life membership number/ ID is 5022-2021
2. Life Member of Indian Network for Soil Contamination Research (INSCR) Life membership number is 11-2015

##### AWARDS AND DISTINCTIONS

1. International travel support grant to attend ISME-18 at Lausanne, Switzerland from the Department of Science and Technology, Government of India via File Number: ITS/2022/001352.
2. Extension of SRF from 01.08.17 to 31.07.18.
3. Upgraded to CSIR-UGC Senior Research Fellowship (SRF) from 01.08.16 to 31.07.17
4. Awarded CSIR-UGC Junior Research Fellowship for a period from 01.08.14 to 31.07.16
5. Qualified ICMR-JRF Examination held on 13th July 2014.
6. Qualified GATE Examination held in the year 2014.
7. Awarded with Academic Pratibha Puraskar from Punjabi Academy for distinction in Punjabi Language.
8. Awarded with a gold medal and certificate for distinctive performance in 6th National Cyber Olympiad

## SUBJECTS TAUGHT

(569)-(CBCS) B.SC.(HONS.) ZOOLOGY

[32231403] BIOCHEMISTRY OF METABOLIC PROCESSES (Semester IV)

[32231602] EVOLUTIONARY BIOLOGY (Semester VI)

(583)-(CBCS) B.SC. LIFE SCIENCE

[42234406] GENETICS AND EVOLUTIONARY BIOLOGY (Semester IV)

B.SC. (NEP-UGCF)

[6967001015] Science and Society (Value Addition Course-Semester I)

(569)-(NEP-UGCF) B.SC. (HONS.) Zoology

[2232011102] Biology of Cell Structure and Function (Semester I)

## 5. Research Guidance

Year	Guide For	Title of the Dissertation/ Thesis	Scholar Name	Status
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## 6. Research Projects

Year	Title of Project	Sponsorship Agency	Duration	Amount Sanctioned	Date of Sanction
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## 7. Publications

Category	Publication Name	Title	Name of Author	Reference Link/ DOI Link	Pub (M) Ye
JOURNAL PAPER (International)	Genome-based reclassification of <i>Williamsia marianensis</i> as a later heterotypic synonym of <i>Williamsia muralis</i> .	International Journal of Systematic and Evolutionary Microbiology	Kumar, A., Sood, U.*, Garg, G., Lal, R. and Rawat, C.D. (Joint Author)	<a href="https://doi.org/10.1099/ijsem.0.006485">https://doi.org/10.1099/ijsem.0.006485</a>	Au 20

JOURNAL PAPER (International)	Monkey Pox Virus (MPXV): Phylogenomics, Host-Pathogen Interactome, and Mutational Cascade	Microbial Genomics	Kumar, R., Nagar, S., Haider, S., Sood, U., Ponnusamy, K., Dhingra, G.G., Anand, S., Dua, A., Singh, M., Kumar, R., Sengar, M., Singh, I.K., Lal, R. (Joint Author)	<a href="https://doi.org/10.1099/mgen.0.000987">https://doi.org/10.1099/mgen.0.000987</a>	Ap 20
JOURNAL PAPER (International)	Weaponising microbes for peace	Microbial Biotechnology	Anand, S., Hallsworth, J.E., Timmis, J., Verstraete, W., Casadevall A., Ramos, J.L., Sood, U., Kumar, R., Hira, P., Rawat, C.D., Kumar, A., Lal, S., Lal, R., Timmis, K. (Joint Author)	<a href="https://doi.org/10.1111/1751-7915.14224">https://doi.org/10.1111/1751-7915.14224</a>	Ma 20
JOURNAL PAPER (International)	Phylogenomics-based reclassifications in the genus <i>Psychrobacter</i> including emended descriptions of <i>Psychrobacter pacificensis</i> , <i>Psychrobacter proteolyticus</i> and <i>Psychrobacter submarinus</i> .	Antonie van Leeuwenhoek	Kaur, J., Sood, U., Talwar, C., Whitman, W.B., Lal, R. (First Author, Corresponding Author)	<a href="https://doi.org/10.1007/s10482-023-01871-8">https://doi.org/10.1007/s10482-023-01871-8</a>	Au 20
JOURNAL PAPER (International)	A concept for international societally relevant microbiology education and microbiology knowledge promulgation in society.	Microbial biotechnology	Timmis, K., Hallsworth, J.E., McGenity, T.J., Armstrong, R., Colom, M.F., Karahan, Z.C., Chavarría, M., Bernal, P., Boyd, E.S., Ramos, J.L. and Kaltenpoth, M. (Joint Author)	DOI: 10.1111/1751-7915.14456	Ma 20

JOURNAL PAPER (International)	Editorial: Omics techniques in deciphering environmental, industrial and therapeutic applications of microbes	Frontiers in Microbiology	Utkarsh Sood, Janmejaya Pandey, Sanjay Kumar Singh Patel, Helianthous Verma (First Author)	<a href="https://doi.org/10.3389/fmicb.2023.1327368">https://doi.org/10.3389/fmicb.2023.1327368</a>	No 20
JOURNAL PAPER (International)	Microbial Journey: Mount Everest to Mars	Indian Journal of Microbiology	Sood, U., Dhingra, G.G., Anand, S. et al. (First Author)	<a href="https://doi.org/10.1007/s12088-022-01029-6">https://doi.org/10.1007/s12088-022-01029-6</a>	Ju 20
JOURNAL PAPER (International)	Genomic modifications for enhanced antibiotic production in rifamycin derivative-producing <i>Amycolatopsis mediterranei</i> S699 strains: focusing on rifQ and rifO genes.	Frontiers in Antibiotics	Müller, M., Bialas, E., Sturm, I., Sood, U., Lal, R. and Bechthold, A. (Joint Author)	DOI 10.3389/frabi.2024.1399139	Ju 20
JOURNAL PAPER (International)	DNA barcoding, an effective tool for species identification: a review.	Molecular Biology Reports	Antil, S., Abraham, J.S., Sripoorna, S., Maurya, S., Dagar, J., Makhija, S., Bhagat, P., Gupta, R., Sood, U., Lal, R. and Toteja, R. (Joint Author)	<a href="https://doi.org/10.1007/s11033-022-08015-7">https://doi.org/10.1007/s11033-022-08015-7</a>	Oc 20
JOURNAL PAPER (International)	Computational Insights into Antioxidant Enzymes and Metalloproteins of <i>Tetmemena</i> sp. SeJ-2015 (Spirotrichea; Ciliophora) in Combating Heavy Metal Stress.	Indian Journal of Microbiology	Somasundaram, S., Abraham, J.S., Maurya, S., Sood, U., Lal, R., Makhija, S. and Toteja, R. (Joint Author)	<a href="https://doi.org/10.1007/s12088-024-01415-2">https://doi.org/10.1007/s12088-024-01415-2</a>	No 20
JOURNAL PAPER (International)	<i>Amycolatopsis mediterranei</i> : A sixty-year journey from strain isolation to unlocking its potential of rifamycin analogue production by combinatorial biosynthesis.	Journal of Natural Products.	Sood, U., Müller, M., Lan, T., Garg, G., Singhvi, N., Hira, P., Singh, P., Nigam, A., Verma, M., Lata, P. and Kaur, H. (First Author)	<a href="https://doi.org/10.1021/acs.jnatprod.3c00686">https://doi.org/10.1021/acs.jnatprod.3c00686</a>	Ja 20

JOURNAL PAPER (National)	Microbiome and Plant Health	Indian Journal of Plant Genetic Resources	Lata, P., Bala, K., Goel, P., Sood, U., Hira, P., Dwivedi, V., Kumar, A., Rawat, C.D. and Lal, R. (Joint Author)	<a href="https://doi.org/10.5958/0976-1926.2022.00099.7">https://doi.org/10.5958/0976-1926.2022.00099.7</a>	No 20
JOURNAL PAPER (International)	Insights into freshwater ciliate diversity through high throughput DNA metabarcoding.	FEMS Microbes	Abraham, J.S., Somasundaram, S., Maurya, S., Sood, U., Lal, R., Toteja, R. and Makhija, S (Joint Author)	DOI: 10.1093/femsmc/xtae003	Fe 20
JOURNAL PAPER (International)	<i>Pedobacter fastidiosus</i> sp. nov., isolated from glacial habitats of maritime Antarctica.	International Journal of Systematic and Evolutionary Microbiology	Holochová P., Koudelková S., Grzesiak J., Šedo O., Stařková E., Krsek D., Váczi P., Urvashi N.N., Gupta V., Sood U., Lal R., Korpole S., Švec P., Sedlářek I., Sedlář K., Králová S. (Joint Author)	<a href="https://doi.org/10.1099/ijsem.0.005309">https://doi.org/10.1099/ijsem.0.005309</a>	Ap 20
JOURNAL PAPER (International)	thematic issue on modulating the environment with microbes.	FEMS microbes	Sood, U., Garg, G. and Lal, R. (First Author)	DOI: 10.1093/femsmc/xtae021	Ju 20
JOURNAL PAPER (International)	Expanding Culturomics from Gut to Extreme Environmental Settings	mSystems	Sood U.*, Kumar R. and Hira P. (First Author, Corresponding Author)	<a href="https://doi.org/10.1128/msystems.00848-21">https://doi.org/10.1128/msystems.00848-21</a>	Au 20
JOURNAL PAPER (International)	The rising dominance of microbiology: what to expect in the next 15 years?	Microbial Biotechnology	Kumar, R., Sood, U., Kaur, J., Anand, S., Gupta, V., Patil, K.S. and Lal, R (Joint Author)	<a href="https://doi.org/10.1111/1751-7915.13953">https://doi.org/10.1111/1751-7915.13953</a>	Oc 20

JOURNAL PAPER (International)	Soil from a Hexachlorocyclohexane Contaminated Field Site Inoculates Wheat in a Pot Experiment to Facilitate the Microbial Transformation of $\gamma$ -Hexachlorocyclohexane Examined by Compound-Specific Isotope Analysis	Environmental Science and Technology	Liu, X., Li, W., Ku?mmel, S., Merbach, I., Sood, U., Gupta, V., Lal, R. and Richnow, H.H (Joint Author)	<a href="https://doi.org/10.1021/acs.est.1c03322">https://doi.org/10.1021/acs.est.1c03322</a>	Oc 20
JOURNAL PAPER (International)	The Alphabet of the Elementary Microbiology: Revisited	Indian Journal of Microbiology	Anand, S., Lal, S., Sood, U., Gupta, V., Dhingra, G. G., Solanki, R., ... & Kalia, V. C. (Joint Author)	<a href="https://doi.org/10.1007/s12088-021-00987-7">https://doi.org/10.1007/s12088-021-00987-7</a>	Oc 20
JOURNAL PAPER (International)	Comparative proteomics unravelled the hexachlorocyclohexane (HCH) isomers specific responses in an archetypical HCH degrading bacterium <i>Sphingobium indicum</i> B90A.	Environmental Science and Pollution Research	Sharma M, Singh DN, Budhraj R, Sood U, Rawat CD, Adrian L, Richnow HH, Singh Y, Negi RK, Lal R. 2021. (Joint Author)	<a href="https://doi.org/10.1099/10.1007/s11356-021-13073-8">https://doi.org/10.1099/10.1007/s11356-021-13073-8</a>	Ma 20
JOURNAL PAPER (International)	Microbial World: Recent Developments in Health, Agriculture and Environmental Sciences	Indian Journal of Microbiology	Dhingra GG, Saxena A, Nigam A, Hira P, Singhvi N, Anand S, Kaur J, Kaur J, Dua A, Negi V, Gupta V, Sood U et al. (Joint Author)	<a href="https://doi.org/10.1007/s12088-021-00931-9">https://doi.org/10.1007/s12088-021-00931-9</a>	Ma 20
JOURNAL PAPER (International)	Genome-based reclassification of <i>Amycolatopsis eurytherma</i> as a later heterotypic synonym of <i>Amycolatopsis thermoflava</i> .	International Journal of Systematic and Evolutionary Microbiology	Singh P, Hira P, Rawat CD, Lal R, Sood U (Joint Author, Corresponding Author)	<a href="https://doi.org/10.1099/ijsem.0.004642">https://doi.org/10.1099/ijsem.0.004642</a>	Jan 20
JOURNAL PAPER (International)	Genus <i>Sphingomonas</i>	Bergey's Manual of Systematics of Archaea and Bacteria	Sood, U., Hira P, Singh P, Singh DN, Lal R. (First Author)	<a href="https://doi.org/10.1002/9781118960608.gbm00924.pub2">https://doi.org/10.1002/9781118960608.gbm00924.pub2</a>	Ma 20

JOURNAL PAPER (International)	Genus Mycoplana	Bergey's Manual of Systematics of Archaea and Bacteria	Hira P, Sood, U., Choksket S, Gundawar K, Korpole S, Lal S, Lal R (Joint Author)	<a href="https://doi.org/10.1002/9781118960608.gbm00808.pub2">https://doi.org/10.1002/9781118960608.gbm00808.pub2</a>	Ma 20
JOURNAL PAPER (International)	Comparative Genomics and Integrated Network Approach Unveiled Undirected Phylogeny Patterns, Co-mutational Hot Spots, Functional Cross Talk, and Regulatory Interactions in SARS-CoV-2	mSystems	Gupta V, Haider S, Verma M, Singhvi N, Ponnusamy K, Malik MZ, Verma H, Kumar R, Sood U, Hira P, Satija S et al (First Author)	<a href="https://doi.org/10.1128/msystems.00030-21">https://doi.org/10.1128/msystems.00030-21</a>	Fe 20
JOURNAL PAPER (International)	Comparative genomic analysis of rapidly evolving SARS-CoV-2 reveals mosaic pattern of phylogeographical distribution.	mSystems	Kumar R, Verma H, Singhvi N, Sood U, Gupta V, Singh M, Kumari R, Hira P, Nagar S, et al (Joint Author)	<a href="https://doi.org/10.1128/msystems.00505-20">https://doi.org/10.1128/msystems.00505-20</a>	Ju 20
JOURNAL PAPER (International)	<i>Pseudomonas karstica</i> sp. nov. and <i>Pseudomonas spelaei</i> sp. nov., isolated from calcite moonmilk deposits from caves.	International Journal of Systematic and Evolutionary Microbiology	Švec P, Kosina M, Zeman M, Holochová P, Králová S, N?mcová E, Micenková L, Gupta V, Sood U, Lal R, Korpole S. (Joint Author)	<a href="https://doi.org/10.1099/ijsem.0.004393">https://doi.org/10.1099/ijsem.0.004393</a>	Au 20
JOURNAL PAPER (International)	Phylogenetic Relationships and Potential Functional Attributes of the Genus Parapedobacter: A Member of Family Sphingobacteriaceae.	Frontiers in Microbiology	Nagar S, Talwar C, Haider S, Puri A, Ponnusamy K, Gupta M, Sood U, Bajaj A, Lal R, Kumar R (Joint Author)	<a href="https://doi.org/10.3389/fmicb.2020.01725">https://doi.org/10.3389/fmicb.2020.01725</a>	Se 20
JOURNAL PAPER (International)	Microbiome: a new lease to microbiology	Indian Journal of Microbiology	Gupta V, Sood U, Kumar R, Lal R, Kalia VC (Joint Author)	<a href="https://doi.org/10.1007/s12088-019-00852-8">https://doi.org/10.1007/s12088-019-00852-8</a>	Ja 20

JOURNAL PAPER (International)	Reconciling hygiene and cleanliness: a new perspective from human microbiome	Indian Journal of Microbiology	Gupta V, Kumar R, Sood U, Singhvi N. (First Author, Joint Author)	<a href="https://doi.org/10.1007/s12088-019-00839-5">https://doi.org/10.1007/s12088-019-00839-5</a>	No 20
JOURNAL PAPER (International)	Recent advancements in the development of modern probiotics for restoring human gut microbiome dysbiosis	Indian Journal of Microbiology	Kumar R, Sood U, Gupta V, Singh M, Scaria J, Lal R. (First Author, Joint Author)	<a href="https://doi.org/10.1007/s12088-019-00808-y">https://doi.org/10.1007/s12088-019-00808-y</a>	Ma 20
JOURNAL PAPER (International)	Chicken gut microbiome and human health: past scenarios, current perspectives, and futuristic applications.	Indian Journal of Microbiology	Sood U, Gupta V, Kumar R, Lal S, Fawcett D, Rattan S, Poinern GE, Lal R. (First Author)	<a href="https://doi.org/10.1007%2Fs12088-019-00785-2">https://doi.org/10.1007%2Fs12088-019-00785-2</a>	Ma 20
JOURNAL PAPER (International)	Rapid and solitary production of mono-rhamnolipid biosurfactant and biofilm inhibiting pyocyanin by a taxonomic outlier <i>Pseudomonas aeruginosa</i> strain CR1.	Journal of Biotechnology	Sood U, Singh DN, Hira P, Lee JK, Kalia VC, Lal R, Shakarad M. (First Author)	<a href="https://doi.org/10.1016/j.jbiotec.2019.11.004">https://doi.org/10.1016/j.jbiotec.2019.11.004</a>	Ja 20
JOURNAL PAPER (International)	Genome Sequencing Revealed the Biotechnological Potential of an Obligate Thermophile <i>Geobacillus thermoleovorans</i> Strain RL Isolated from Hot Water Spring.	Indian Journal of Microbiology	Singh DN*, Sood U*, Singh AK, Gupta V, Shakarad M, Rawat CD and Lal R. (First Author, Joint Author)	<a href="https://doi.org/10.1007/s12088-019-00809-x">https://doi.org/10.1007/s12088-019-00809-x</a>	Ju 20
JOURNAL PAPER (International)	Comparative genomic analyses reveal core-genome-wide genes under positive selection and major regulatory hubs in outlier strains of <i>Pseudomonas aeruginosa</i> .	Frontiers in Microbiology	Sood U, Hira P, Kumar R, Bajaj A, Rao DLN, Lal R and Shakarad (First Author)	<a href="https://doi.org/10.3389/fmicb.2019.00053">https://doi.org/10.3389/fmicb.2019.00053</a>	Fe 20
JOURNAL PAPER (International)	Infection and Microbiome: Impact of tuberculosis on Human Gut Microbiome of Indian Cohort.	Indian Journal of Microbiology	Sood U, Bajaj A, Kumar R, Khurana S and Kalia VC. (First Author)	<a href="https://doi.org/10.1007/s12088-018-0706-4">https://doi.org/10.1007/s12088-018-0706-4</a>	Ja 20

JOURNAL PAPER (International)	Comparative Genomic Analysis Reveals Habitat-Specific Genes and Regulatory Hubs within the Genus <i>Novosphingobium</i> .	mSystems	Kumar R, Verma H, Haider S, Bajaj A, Sood U, Ponnusamy K, Nagar S, Shakarad M. et al. (Joint Author)	<a href="https://doi.org/10.1128/msystems.00020-17">https://doi.org/10.1128/msystems.00020-17</a>	Ma 20
JOURNAL PAPER (International)	Microbial Taxonomy in the era of OMICS: application of DNA sequences, computational tools and techniques.	Antonie van Leeuwenhoek	Mahato N, Gupta V, Singh P, Kumari R, Verma H, Tripathi C, Rani P, Sharma A, Singhvi N, Sood U,.... Lal, R. (Joint Author)	<a href="https://doi.org/10.1007/s10482-017-0928-1">https://doi.org/10.1007/s10482-017-0928-1</a>	Au 20
JOURNAL PAPER (International)	Highlight on Engineering <i>Mycobacterium smegmatis</i> for testosterone production.	Microbial Biotechnology	Sood U, Singh Y, Shakarad M and Lal R. (First Author)	<a href="https://doi.org/10.1111%2F1751-7915.12466">https://doi.org/10.1111%2F1751-7915.12466</a>	Ja 20
JOURNAL PAPER (International)	Comparative genomic analysis of novel <i>Acinetobacter</i> symbionts: A combined systems biology and genomics approach.	Scientific reports	Gupta V, Haider S, Sood U, Gilbert JA, Ramjee M, Forbes K, Singh Y, Lopes BS and Lal R. (Joint Author)		Ju 20
JOURNAL PAPER (International)	Draft genome sequence of rifamycin derivatives producing <i>Amycolatopsis mediterranei</i> DSM 46096/ S955.	genome Announcements	Singh P, Kumari R, Mukherjee U, Saxena A, Sood U and Lal R. (Joint Author)	<a href="https://doi.org/10.1128/genomea.00837-14">https://doi.org/10.1128/genomea.00837-14</a>	Au 20
CHAPTER (International)	Microbiome and Human Health: From Dysbiosis to Therapeutic Interventions. In: Sobti, R., Kuhad, R.C., Lal, R., Rishi, P. (eds) Role of Microbes in Sustainable Development.	Springer, Singapore.	Dhingra GG, Kumar R, Sood U, Hira P, Kaur J, Lal R (Joint Author)	<a href="https://doi.org/10.1007/978-981-99-3126-2_13">https://doi.org/10.1007/978-981-99-3126-2_13</a>	De 20

CHAPTER (International)	Deciphering the Microbial Dark Matter Using Metagenome-Assembled Genomes, Culturomics, and Seqcode. In Microbial Diversity in the Genomic Era	Academic Press.	U Sood, P Hira, G Garg, R Lal, M Shakarad (First Author)	<a href="https://doi.org/10.1016/B978-0-443-13320-6.00004-4">https://doi.org/10.1016/B978-0-443-13320-6.00004-4</a>	Ma 20
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## 8. Books

Category	Book Name	Title	Name of Author	ISSN/ ISBN Number
BOOK (University)	Genetics and Evolution	Kumar R, Singh M, Talwar C, Nagar S, Hira P, Sood U, Mayanglambam R. (Joint Author)	Vikas Publishing House Pvt. Ltd.	978-93-5338-906-2
BOOK (International)	Genome Analysis and Human Health	Hira P*, Sood U*, Gupta V, Nayyar N, Mahato NK, Singh Y, Lal R and Shakarad M (Joint Author)	Springer Singapore	978-981-10-4298-0
BOOK (National)	An Introduction to Biotechnology: A genetic manipulation perspective	Anand S, Verma M, Mukherjee U, Hira P, and Sood U (Joint Author)	I.K. International Publishing House Pvt. Ltd.	9789384588861
BOOK (National)	An Introduction to Biotechnology: A genetic manipulation perspective	Sharma A, Sood U, and Shakarad M. (Joint Author)	I.K. International Publishing House Pvt. Ltd.	9789384588861

## 9. Faculty Achievements

Year	Category of Achievement	Role	National/ International etc.	Name	Date From- To
2022	REFRESHER COURSE ATTENDED	PARTICIPANT	National	Two-week refresher course in "Zoology"	28.Nov.2022 - 12.Dec.2022
2023	FACULTY INDUCTION PROGRAM ATTENDED	PARTICIPANT	National	4-Week Faculty Induction/Orientation Programme for "Faculty in Universities/Colleges/Institutes of Higher Education"	20.Jan.2023 - 18.Feb.2023
2023	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	One Week FDP on Design Thinking and Innovation	11.Sep.2023 - 18.Sep.2023
2024	SEMINAR ATTENDED	RESOURCE PERSON	International	Pre-Conference Workshop on Genomics. Metagenomics and Bioinformatics in Microbial Ecology	02.Apr.2024 - 02.Apr.2024

2024	WORKSHOP/ SEMINAR/ CONFERENCE ATTENDED	ORGANIZER	International	8th International INSCR Conference	03.Apr.2024 - 05.Apr.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	INVITED SPEAKER	International	8th International INSCR Conference	03.Apr.2024 - 05.Apr.2024
2024	FACULTY DEVELOPMENT PROGRAM ATTENDED	PARTICIPANT	National	NEP2020 Orientation & Sensitization Programme	07.May.2024 - 16.May.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	Genomics & Proteomics Workshop for Science Faculty	21.May.2024 - 22.May.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	RESOURCE PERSON	National	15 days Summer Internship-cum-hands on Training Program (SITP'24) on Fundamentals of recombinant DNA Technology	27.Jun.2024 - 11.Jul.2024
2024	INVITED LECTURES/ RESOURCE PERSON/ PAPER PRESENTATIONS ATTENDED	ORGANIZER	International	International Outreach Program on Microbial Awareness & Human Well being	17.Sep.2024 - 17.Sep.2024
2024	ONLINE CERTIFICATE COURSE/ TRAINING PROGRAMS ATTENDED	CONVENER	National	Addon Course on Design thinking and Innovation	26.Sep.2024 - 20.Oct.2024

**Dr. UTKARSH SOOD**