

**Bio-data**

Name	Dr. Anil Kumar	
Date of Birth	04/10/1984	
Designation	Associate Professor	
Nature of appointment	Regular	
Faculty	Life Sciences	
Department/Centre/Institute	CENTRE FOR MEDICAL BIOTECHNOLOGY	
Date of Joining in the University	Sept 19, 2013	
Date of Retirement		
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	Email id	<a href="mailto:anil.cmbt@mdurohtak.ac.in">anil.cmbt@mdurohtak.ac.in</a>

**1. Educational Qualifications (10<sup>th</sup> and onwards)**

S. No.	Degree/ Certificate	Board / University	Passing year
1	10 <sup>th</sup>	HBSE	1999
2	12 <sup>th</sup>	HBSE	2001
3	B.Sc.	Kurukshetra University, Kurukshetra, India	2004
4	M.Sc. (Biotechnology)	Kurukshetra University, Kurukshetra, India	2006
5	Ph.D. (Biotechnology)	Kurukshetra University, Kurukshetra, India	2012

**2. Teaching/Research experience**

Sr. No.	Post	Name of Institution	Period	
			From	To
1.	Assistant Professor	Kurukshetra University, Kurukshetra	Aug 2012	May 2013
2.	Assistant Professor	Maharshi Dayanand University, Rohtak	Sept 2013	Sept 2025
3.	Associate Professor	Maharshi Dayanand University, Rohtak	Sept 2025	

**4. Details of Research Achievements**

h-index (Google/SCOPUS)	13
Google Scholar link	<a href="https://scholar.google.com/citations?user=1GJfZNYAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=1GJfZNYAAAAJ&amp;hl=en</a>

ORCID ID (if any)	0000-0002-7231-0572
LinkedIn ID (if any)	
Scopus ID	57226373134
Any other	

S. No.	Year	Particulars / Details	Link to Article	Impact Factor
1	2026	Kumar, S., Singh, G., Kumar, A., & Giri, S. K. (2026). Stress among research scholars: causes, coping strategies and implications for policy reform. <i>Annals of Neurosciences</i> , 33(1), 123-130.	<a href="https://journals.sagepub.com/doi/10.1177/09727531251315236">https://journals.sagepub.com/doi/10.1177/09727531251315236</a>	2.4
2	2025	Priya, K., Singh, M., Haokip, L., Giri, S. K., Kumar, A., Gill, H. S., ... & Nag, M. (2025). Correction: Effect of electromagnetic radiations from mobile towers on genetic damage and genetic polymorphism in humans: a review on India's perspective. <i>Toxicology and Environmental Health Sciences</i> , 17(4), 621-621.	<a href="https://link.springer.com/article/10.1007/s13530-025-00278-4">https://link.springer.com/article/10.1007/s13530-025-00278-4</a>	1.6
3	2025	Gulia, H., Singh, J., Jangra, S., Dang, A. S., Singh, G., Giri, S. K., ... & Kumar, A. (2025). Impact of pesticide exposure on base excision repair gene polymorphisms in the Haryana population. <i>Biomarkers</i> , 30(8), 541-549.	<a href="https://www.tandfonline.com/doi/abs/10.1080/1354750X.2025.2591715">https://www.tandfonline.com/doi/abs/10.1080/1354750X.2025.2591715</a>	2.0
4	2025	Srivastava, S., Raya, D., Sharma, R., Giri, S. K., Priya, K., Kumar, A., ... & Dhiman, S. S. (2025). Synergistic Approaches for Navigating and Mitigating Agricultural Pollutants. <i>Pollutants</i> , 5(4), 37.	<a href="https://www.mdpi.com/2673-4672/5/4/37">https://www.mdpi.com/2673-4672/5/4/37</a>	1.5
5	2025	Kandhil, U., Singh, G., Rani, A., Dang, A. S., Giri, S. K., Dhiman, S. S., ... & Kumar, A. (2025). Soil-microbe-plant continuum under ZnO and TiO <sub>2</sub> nanoparticle stress: An insight into toxicological	<a href="https://www.sciencedirect.com/science/article/pii/S2773111125000683">https://www.sciencedirect.com/science/article/pii/S2773111125000683</a>	7.7

		implications, risk evaluation and management strategies. <i>Plant Nano Biology</i> , 100201.		
6	2025	Hemlata, Rani, M., Kumar, A., Dhiman, S. S., Priya, K., Bhardwaj, A., ... & Giri, S. K. (2025). Investigating the relationship between pesticide exposure, GSTM1 and GSTT1 polymorphisms, and oxidative stress biomarkers in affected farmers. <i>Toxicology and Industrial Health</i> , 41(4), 220-233.	<a href="https://journals.sagepub.com/doi/10.1177/07482337251325578">https://journals.sagepub.com/doi/10.1177/07482337251325578</a>	1.8
7	2025	Priya, K., Sharma, G., Dang, A. S., Giri, S. K., Singh, G., Dhiman, S. S., ... & Kumar, A. (2025). Genetic polymorphism in Angiotensin-Converting Enzyme (ACE) and Asthma risk: A comparative meta-analysis based on Four gene model strategy. <i>Journal of Integrated Science and Technology</i> , 13(2), 1033-1033.	<a href="https://pubs.thesciencein.org/journal/index.php/jist/article/view/a1033">https://pubs.thesciencein.org/journal/index.php/jist/article/view/a1033</a>	
8	2025	Deepika, Alsharari, Z. D., Ahmad, M. F., Singh, J., Yadav, M., Kumari, A., ... & Saxena, S. C. (2025). Gut-lung axis, probiotics, and prebiotics: insights on dysbiosis, mechanism, and prevention of lung cancer. <i>Frontiers in nutrition</i> , 12, 1624803.	<a href="https://www.frontiersin.org/journals/nutrition/articles/10.3389/fnut.2025.1624803/full">https://www.frontiersin.org/journals/nutrition/articles/10.3389/fnut.2025.1624803/full</a>	5.1
9	2025	Pushkarna, S., Kumar, A., Arora, K., Malhotra, P., Suneja, P., & Dang, A. S. (2025). Exploring the potential of Lactobacillus rhamnosus as gluten-digesting bacteria. <i>Irish Journal of Medical Science (1971-)</i> , 194(5), 1589-1603.	<a href="https://link.springer.com/article/10.1007/s11845-025-04044-w">https://link.springer.com/article/10.1007/s11845-025-04044-w</a>	1.6
10	2024	Gaba, K., Malhotra, P., Kumar, A., Suneja, P., & Dang, A. S. (2024). Understanding the genetic basis of celiac disease: A comprehensive review. <i>Cell Biochemistry and Biophysics</i> , 82(3), 1797-1808.	<a href="https://link.springer.com/article/10.1007/s12013-024-01371-0">https://link.springer.com/article/10.1007/s12013-024-01371-0</a>	2.5
11	2024	Jangra, S., Gulia, H., Singh, J., Dang, A. S., Giri, S. K., Singh, G., ... & Kumar, A.	<a href="https://journals.sagepub.com/doi/abs/10.1177/07482337241257273">https://journals.sagepub.com/doi/abs/10.1177/07482337241257273</a>	1.7

		(2024). Chemical leukoderma: An insight of pathophysiology and contributing factors. <i>Toxicology and Industrial Health</i> , 40(8), 479-495.		
12	2022	Singh, J., Bhardwaj, A., Kumar, A., Singh, G., Priya, K., & Giri, S. K. (2022). Comparative frequency distribution of glutathione S-transferase mu (GSTM1) and theta (GSTT1) allelic forms in Himachal Pradesh population. <i>Egyptian Journal of Medical Human Genetics</i> , 23(1), 1-7.	<a href="https://link.springer.com/article/10.1186/s43042-022-00298-6">https://link.springer.com/article/10.1186/s43042-022-00298-6</a>	1.3
13	2022	Raya, D., Shreya, A., Kumar, A., Giri, S. K., Salem, D. R., Gnimpieba, E. Z., ... & Dhiman, S. S. (2022). Molecular regulation of conditioning film formation and quorum quenching in sulfate reducing bacteria. <i>Frontiers in Microbiology</i> , 13.	<a href="https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2022.1008536/full">https://www.frontiersin.org/journals/microbiology/articles/10.3389/fmicb.2022.1008536/full</a>	4.5
14	2022	Verma, N., Pandit, S., Kumar, A., Yadav, G., Giri, S. K., Lahiri, D., ... & Prasad, R. (2022). Recent Update on Active Biological Molecules in Generating the Anticancerous Therapeutic Potential of <i>Garcinia mangostana</i> . <i>Applied Biochemistry and Biotechnology</i> , 1-21.	<a href="https://link.springer.com/article/10.1007/s12010-022-04031-2">https://link.springer.com/article/10.1007/s12010-022-04031-2</a>	3.3
15	2022	Batra, M., Bhatnager, R., Kumar, A., Suneja, P., & Dang, A. S. (2022). Interplay between PCOS and Microbiome: The road less travelled. <i>American Journal of Reproductive Immunology</i> .	<a href="https://onlinelibrary.wiley.com/doi/10.1111/aji.13580">https://onlinelibrary.wiley.com/doi/10.1111/aji.13580</a>	2.4
16	2022	Verma, N., Pandit, S., Gupta, P. K., Kumar, S., Kumar, A., Giri, S. K., ... & Priya, K. (2022). Occupational health hazards and wide spectrum of genetic damage by the organic solvent fumes at the workplace: A critical appraisal. <i>Environmental Science and Pollution Research</i> , 1-13.	<a href="https://link.springer.com/article/10.1007/s11356-022-18889-6">https://link.springer.com/article/10.1007/s11356-022-18889-6</a>	5.1

17	2022	Singh, H., Kalra, O. P., Shankar, D., & Kumar, A. (2022). A Case Control Study of Risk Assessment of Diabetes and Nephropathy with eNOS (T786C and 27bp VNTR) Gene Polymorphisms. The Journal of the Association of Physicians of India, 70(5), 11-12.	<a href="https://pubmed.ncbi.nlm.nih.gov/35598133/">https://pubmed.ncbi.nlm.nih.gov/35598133/</a>	
18	2022	Verma, N., Giri, S. K., Singh, G., Gill, R., & Kumar, A. (2022). Epigenetic regulation of heat and cold stress responses in crop plants. Plant Gene, 100351.	<a href="https://www.sciencedirect.com/science/article/abs/pii/S2352407322000014">https://www.sciencedirect.com/science/article/abs/pii/S2352407322000014</a>	1.6
19	2021	Ram, G., Vats, T., Kumar, A., Singh, G., & Giri, S. K. (2021). Cross Talk Between Renal Transporters and Polycystin-1 as a Potential Molecular Target Involved in Autosomal Dominant Polycystic Kidney Disease. Iranian Journal of Kidney Diseases, 15(3).	<a href="https://ijkd.org/index.php/ijkd/article/view/5854/1281">https://ijkd.org/index.php/ijkd/article/view/5854/1281</a>	
20	2021	Ram, G., Kumar, A., Singh, G., & Giri, S. K. (2021). In silico screening and molecular docking study of compounds from Pedalium murex L. with Vasopressin2 receptor target for Autosomal Dominant Polycystic Kidney Disease. Beni-Suef University Journal of Basic and Applied Sciences, 10(1), 1-8.	<a href="https://link.springer.com/article/10.1186/s43088-021-00149-0">https://link.springer.com/article/10.1186/s43088-021-00149-0</a>	2.6
21	2011	Kumar, A., Yadav, A., Giri, S. K., Dev, K., Gautam, S. K., Gupta, R., & Aggarwal, N. (2011). Influence of GSTM1 and GSTT1 genotypes and confounding factors on the frequency of sister chromatid exchange and micronucleus among road construction workers. Chemosphere, 84(5), 564-570.	<a href="https://www.sciencedirect.com/science/article/abs/pii/S0045653511003997?via%3Dihub">https://www.sciencedirect.com/science/article/abs/pii/S0045653511003997?via%3Dihub</a>	
22	2011	Kumar, A., Yadav, A., Giri, S. K., Dev, K., Gautam, S. K., Gupta, R., & Aggarwal, N. (2011). Effect of genetic polymorphism of GSTM1 and GSTT1 genotypes on cytogenetic biomarkers	<a href="https://www.sciencedirect.com/science/article/pii/S1382668911000652?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S1382668911000652?via%3Dihub</a>	4.5

		among coaltar workers. environmental toxicology and pharmacology, 32(2), 128-135.		
23	2011	Giri, S. K., Yadav, A., Kumar, A., Dev, K., Gupta, R., Aggarwal, N., ... & Gautam, S. K. (2011). Association of GSTM1 and GSTT1 polymorphisms with DNA damage in coal-tar workers. Science of the total environment, 409(20), 4465-4469.	<a href="https://www.sciencedirect.com/science/article/pii/S0048969711007261?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0048969711007261?via%3Dihub</a>	
24	2013	Giri, S. K., Yadav, A., Kumar, A., Dev, K., Gulati, S., Gupta, R., ... & Gautam, S. K. (2013). Polymorphic variation of CYP1A1 and CYP1B1 genes in a Haryana population. Biochemical genetics, 51(11), 853-864.	<a href="https://link.springer.com/article/10.1007/s10528-013-9612-y">https://link.springer.com/article/10.1007/s10528-013-9612-y</a>	1.6
25	2012	Dev, K., Giri, S. K., Kumar, A., Yadav, A., Singh, B., & Gautam, S. K. (2012). Derivation, characterization and differentiation of buffalo (Bubalus bubalis) amniotic fluid derived stem cells. Reproduction in Domestic Animals, 47(5), 704-711.	<a href="https://onlinelibrary.wiley.com/doi/10.1111/j.1439-0531.2011.01947.x">https://onlinelibrary.wiley.com/doi/10.1111/j.1439-0531.2011.01947.x</a>	1.7
26	2012	Dev, K., Gautam, S. K., Giri, S. K., Kumar, A., Yadav, A., Verma, V., ... & Singh, B. (2012). Isolation, culturing and characterization of feeder-independent amniotic fluid stem cells in buffalo (Bubalus bubalis). Research in Veterinary Science, 93(2), 743-748.	<a href="https://www.sciencedirect.com/science/article/pii/S0034528811003663?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S0034528811003663?via%3Dihub</a>	1.8
27	2012	Dev K, Giri SK, Kumar A, Yadav A, Singh B, Gautam SK (2012) Expression of Transcriptional Factor Genes (Oct-4, Nanog, and Sox-2) and Embryonic Stem Cell-Like Characters in Placental Membrane of Buffalo (Bubalus bubalis). J Membrane Biol. 245 (4): 177 - 183.	<a href="https://link.springer.com/article/10.1007/s00232-012-9427-5">https://link.springer.com/article/10.1007/s00232-012-9427-5</a>	2.9
28		Yadav, A., Aggarwal, N. K., Kumar, K., & Kumar, A. (2008). Tannase production by Aspergillus fumigatus MA under solid-state fermentation. World Journal	<a href="https://link.springer.com/article/10.1007/s11274-008-9847-7?utm_source=researchgate.net&amp;utm_medium=article">https://link.springer.com/article/10.1007/s11274-008-9847-7?utm_source=researchgate.net&amp;utm_medium=article</a>	4.2

		of Microbiology and Biotechnology, 24(12), 3023-3030.		
29	2012	Kumar, A., Yadav, A., Giri, S. K., Dev, K., Gulati, S., Gautam, S. K., ... & Aggarwal, N. (2012). Allelic variation of GSTM1 and GSTT1 genes in Haryana population. <i>Genomic Medicine, Biomarkers, and Health Sciences</i> , 4(3), 98-102.	<a href="https://www.sciencedirect.com/science/article/pii/S2211425412000684?via%3Dihub">https://www.sciencedirect.com/science/article/pii/S2211425412000684?via%3Dihub</a>	

S. No.	Year	Particulars / Details of Book Chapters	Link to Article	Impact Factor
1.	2026	Rani, A., Singh, G., Dang, A. S., Giri, S. K., Verma, N., & Kumar, A. (2026). Functional Foods: Emerging Aids Against Noncommunicable Disorders. <i>Therapeutics and Molecular Nutrition</i> , 47-88.	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781394293148.ch2#:~:text=Functional%20Foods%20%2D%20Therapeutics%20and%20Molecular,Anil%20Kumar">https://onlinelibrary.wiley.com/doi/abs/10.1002/9781394293148.ch2#:~:text=Functional%20Foods%20%2D%20Therapeutics%20and%20Molecular,Anil%20Kumar</a>	
2.	2026	Kharod, S., Pushkarna, S., Gaba, K., Kumar, A., Suneja, P., & Dang, A. S. (2026). Synbiotics in Cytotoxicity. <i>Synbiotics, I</i> , 393-427.	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781394269082.ch14">https://onlinelibrary.wiley.com/doi/abs/10.1002/9781394269082.ch14</a>	
3.	2025	Pushkarna, S., Gaba, K., Kharod, S., Kumar, A., Devi, S. U., Suneja, P., & Dang, A. S. (2025). Aflatoxigenic Fungi: Human Health Impacts and Control Methods. In <i>Aflatoxigenic Fungi</i> (pp. 197-208). CRC Press.	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-25/aflatoxigenic-fungi-samridhi-pushkarna-kajal-gaba-shruti-kharod-anil-kumar-uma-devi-pooja-suneja-amita-suneja-dang">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-25/aflatoxigenic-fungi-samridhi-pushkarna-kajal-gaba-shruti-kharod-anil-kumar-uma-devi-pooja-suneja-amita-suneja-dang</a>	
4.	2025	Kharod, S., Pushkarna, S., Gaba, K., Kumar, A., Veerapagu, M., Jeya, K. R., ... & Dang, A. S. (2025). Climate Change and Its Impact on Aflatoxigenic Fungi. In <i>Aflatoxigenic Fungi</i> (pp. 22-28). CRC Press.	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-5/climate-change-impact-aflatoxigenic-fungi-shruti-kharod-samridhi-pushkarna-kajal-gaba-anil-kumar-veerapagu-jeya-pooja-suneja-amita-suneja-dang">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-5/climate-change-impact-aflatoxigenic-fungi-shruti-kharod-samridhi-pushkarna-kajal-gaba-anil-kumar-veerapagu-jeya-pooja-suneja-amita-suneja-dang</a>	
5.	2025	Gaba, K., Pushkarna, S., Kharod, S., Kumar, A., Suneja, P., & Dang, A. S. (2025). Aflatoxigenic Fungi: A Global Concern for Food Safety and Human Health. In <i>Aflatoxigenic Fungi</i> (pp. 189-196). CRC Press.	<a href="https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-24/aflatoxigenic-fungi-kajal-gaba-samridhi-pushkarna-shruti-kharod-anil-kumar-pooja-suneja-amita-suneja-dang">https://www.taylorfrancis.com/chapters/edit/10.1201/9781003487043-24/aflatoxigenic-fungi-kajal-gaba-samridhi-pushkarna-shruti-kharod-anil-kumar-pooja-suneja-amita-suneja-dang</a>	
6.	2025	Gulia, H., Verma, N., Giri, S. K., Singh, G., & Kumar, A. (2025). Plant Long Non-	<a href="https://www.cabidigitallibrary.org/doi/abs/10.1079/9781800626102.0013">https://www.cabidigitallibrary.org/doi/abs/10.1079/9781800626102.0013</a>	

		Coding RNAs (lncRNAs): An Updated Overview with Emphasis on the Regulation of Abiotic Stress Responses. <i>Epigenetics for Climate-Smart and Sustainable Agriculture</i> , 223-240.		
7.	2025	Verma, N., Singh, G., Kumar, A., Hemlata, & Giri, S. K. (2025). Current Trends in Fermentative Nutraceuticals. <i>Fermentative Nutraceuticals</i> , 259-279.	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119776550.ch10">https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119776550.ch10</a>	
8.	2024	Pushkarna, S., Kumar, A., Narayanan, A. S., Suneja, P., & Dang, A. S. (2024). Plant-Microbiome Engineering to Improve Stress Tolerance. In <i>Plant Microbiome Engineering</i> (pp. 509-519). New York, NY: Springer US.	<a href="https://link.springer.com/chapter/10.1007/978-1-0716-4180-4_58">https://link.springer.com/chapter/10.1007/978-1-0716-4180-4_58</a>	
9.	2024	Verma, N., Kumari, S., Kumar, A., & Priya, K. (2024). Advancements in systems biology-based analysis of microbial pathogenesis. In <i>Systems Biology Approaches for Host-Pathogen Interaction Analysis</i> (pp. 181-190). Academic Press.	<a href="https://www.sciencedirect.com/science/article/abs/pii/B978032395890500003X">https://www.sciencedirect.com/science/article/abs/pii/B978032395890500003X</a>	
10.	2024	Kumari, S., Verma, N., Kumar, A., Dalal, S., & Priya, K. (2024). Functional overrepresentation analysis and their application in microbial pathogenesis. In <i>Systems Biology Approaches for Host-Pathogen Interaction Analysis</i> (pp. 171-179). Academic Press.	<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780323958905000041">https://www.sciencedirect.com/science/article/abs/pii/B9780323958905000041</a>	
11.	2023	Pushkarna, S., Bhatnager, R., Kumar, A., Suneja, P., & Dang, A. S. (2023). Role of microbiome in reproductive health: an expanding dimension. In <i>Role of Microbes in Sustainable Development: Human Health and Diseases</i> (pp. 361-394). Singapore: Springer Nature Singapore.	<a href="https://link.springer.com/chapter/10.1007/978-981-99-3126-2_16">https://link.springer.com/chapter/10.1007/978-981-99-3126-2_16</a>	
12.	2023	Verma, N., Giri, S. K., Singh, G., Priya, K., & Kumar, A. (2023). Unraveling the importance of melatonin in the	<a href="https://www.sciencedirect.com/science/article/abs/pii/B9780323996006000128">https://www.sciencedirect.com/science/article/abs/pii/B9780323996006000128</a>	

		alleviation of metal-induced toxicity. In <i>Biostimulants in Alleviation of Metal Toxicity in Plants</i> (pp. 295-319). Academic Press.		
13.	2023	Saini, A., Kumar, A., Singh, G., & Giri, S. K. (2023). Survival strategies and stress adaptations in halophilic Archaeobacteria. In <i>Microbial stress response: mechanisms and data science</i> (pp. 1-21). American Chemical Society.	<a href="https://pubs.acs.org/doi/full/10.1021/bk-2023-1434.ch001">https://pubs.acs.org/doi/full/10.1021/bk-2023-1434.ch001</a>	
14.	2023	Sharma, R., Giri, S. K., Kumar, A., Chamoli, S., & Singh, G. (2023). ROS-mediated pathogen control by ZnO and MgO nanoparticles. In <i>Oxides for medical applications</i> (pp. 419-431). Woodhead Publishing.	<a href="https://www.sciencedirect.com/science/article/pii/B978032390538100008X">https://www.sciencedirect.com/science/article/pii/B978032390538100008X</a>	
15.	2023	Sharma, R., Thakur, A., Saini, A., Giri, S. K., Kumar, A., Priya, K., & Singh, G. (2023). Antibiotics stress response of bacteria as mechanism of development of drug resistance. In <i>Microbial stress response: Mechanisms and data science</i> (pp. 23-42). American Chemical Society.	<a href="https://pubs.acs.org/doi/abs/10.1021/bk-2023-1434.ch002">https://pubs.acs.org/doi/abs/10.1021/bk-2023-1434.ch002</a>	
16.	2022	Giri, S. K., Verma, N., Singh, G., Gill, R., Kumar, A. (2022) Impact of Agrochemicals on Soil Microbiota. <i>Agrochemicals in Soil and Environment: Impact and remediations</i> , Springer (ISBN: 978-981-16-9310-6).	<a href="https://link.springer.com/chapter/10.1007/978-981-16-9310-6_3">https://link.springer.com/chapter/10.1007/978-981-16-9310-6_3</a>	
17.	2022	Verma, N., Kanupriya., Gill, R., Kumar, A. (2022) Plant and microbes assisted remediation of cadmium contaminated soil. <i>Hazardous and trace materials in soil and plants-sources, effects and management</i> , Elsevier (ISBN:978-032-39-1632-5).	<a href="https://www.sciencedirect.com/science/article/pii/B9780323916325000082">https://www.sciencedirect.com/science/article/pii/B9780323916325000082</a>	
18.	2022	Gill, R., Naeem, M., Ansari, A. A., Kumar, A., Kumar, A., Chhikara, A., Bremont, J.F.J., Tuteja, N., Gill, S.S. (2022) <i>Agrochemicals in Soil and Environment. An Overview: Agrochemicals in Soil and Environment:</i>	<a href="https://link.springer.com/chapter/10.1007/978-981-16-9310-6_1">https://link.springer.com/chapter/10.1007/978-981-16-9310-6_1</a>	

		Impact and remediations, Springer (ISBN: 978-981-16-9310-6).		
19.	2022	Dang, A.S., Verma, N., Giri, S. K., Kumar, A. (2022) Probiotics and Health Benefits. Nutraceuticals: Food Applications and Health Benefits, Nova Science Publishers, Inc. USA (ISBN: 978-1-68507-488-3).	<a href="https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/">https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/</a>	
20.	2022	Verma, N., Giri, S. K., Singh, G., Kumar, A. (2022) Bioactive Peptides and Proteins: Nutraceuticals: Food Applications and Health Benefits, Nova Science Publishers, Inc. USA (ISBN: 978-1-68507-488-3).	<a href="https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/">https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/</a>	
21.	2022	Heena, Verma, N., Giri, S. K., Kumar, A. (2022) Prebiotics and Health Benefits. Nutraceuticals: Food Applications and Health Benefits, Nova Science Publishers, Inc. USA (ISBN: 978-1-68507-488-3).	<a href="https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/">https://novapublishers.com/shop/nutraceuticals-food-applications-and-health-benefits/</a>	
22.	2018	Giri, S. K., Kumar, A. (2018) Xenobiotic Compounds (Major Environmental Pollutants) and its Sources. Dynamic of Ecosystem and Climate change in India, Serials publication, India (ISBN-978-93-86611-47-5).		

## 5. Research & consultancy Projects

S. No.	Year	Details	Status
1	2015-2018	Major Research Project entitled "Study of xenobiotic metabolizing gene polymorphisms and their association with cytogenetic biomarker in pesticides exposed worker" funded by University Grant Commission, India	Completed

2	2019-20	Minor research project entitled “Evaluating the allelic variations of Cytochrome P450 genes” Funded by R.K Foundation, M.D. University Rohtak	Completed
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#### 6. Research Supervision Overview:

S. No.	Level	Degree Awarded	Thesis Submitted
1	Ph.D.	--	Registered: 5
2	P.G.	50	50
3	U.G.		

#### 7. Patents/technology developed

S. No.	Year	Particulars / Details	Published/Granted
1	2026	Green Synthesis of Alpha-Magnetic Nanoparticles and Its Anti- Cancer Application Thereof	Granted

#### 8. Honors & Awards

S. No.	Title of Award	Awarding Agency	Particulars / Details
1	Rajiv Gandhi National Fellowship	UGC, New Delhi	

#### 9. Details as Resource person (Seminar / Conference / Lectures delivered etc.)

S. No.	Details	Number in total	
		National	International
a	Seminar	12	
b	Conference	08	07
c	Workshops	03	
d.	Any other	02	

#### 10. Membership details of Statutory Committees of this University

<b>S. No.</b>	<b>Period</b>	<b>Particulars / Details</b>

**11. Any other Achievements:**

<b>S. No.</b>	<b>Period</b>	<b>Particulars / Details</b>
1		Council of Scientific and Industrial Research -National Eligibility Test (CSIR-NET)
2		Industrial Council of Agricultural Research--National Eligibility Test (ICAR-NET)
3		Graduate Aptitude Talent Examination (GATE)
4		