


Dr. Anita Singh Kirrolia

Assistant Professor- Senior Scale

M.Sc., Ph.D. (Environmental Science and Engineering)

	<p style="text-align: center;">Department of Environmental Science and Engineering Guru Jambheshwar University of Science & Technology, Hisar-125001, Haryana (India) Email: anitakirrolia@gjust.org anita31kirdolia@gmail.com Contact No.: +91-90504147740 (Mob.)</p>																	
Educational Qualifications	<ol style="list-style-type: none"> 1. 2015 Ph.D. (Environmental Science and Engineering) from Guru Jambheshwar University of Science & Technology, Hisar, Haryana (India) 2. 2008 M.Sc. (Environment) from Panjab University, Chandigarh (India) 3. 2006 B.Sc. (Medical) from PG Govt. College, Hisar, Kurukshetra University, Haryana (India) 																	
Employment Details	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Contractual Lecturer</td> <td style="text-align: center;">GJUS&T, Hisar</td> <td style="text-align: center;">2008-2009</td> </tr> <tr> <td style="text-align: center;">Teaching Associate on contract</td> <td style="text-align: center;">GJUS&T, Hisar</td> <td style="text-align: center;">2014-2015</td> </tr> <tr> <td style="text-align: center;">Assistant Professor on contract</td> <td style="text-align: center;">GJUS&T, Hisar</td> <td style="text-align: center;">2015-2021 (Till 17.01.2021)</td> </tr> <tr> <td style="text-align: center;">Assistant Professor Stage-I (Regular) Academic Level 10</td> <td style="text-align: center;">GJUS&T, Hisar</td> <td style="text-align: center;">18.01.2021- 18.01.2025</td> </tr> <tr> <td style="text-align: center;">Assistant Professor Stage-II/Senior Scale (Regular) Academic Level 11</td> <td style="text-align: center;">19.01.2025</td> <td style="text-align: center;">Continuing</td> </tr> </table>			Contractual Lecturer	GJUS&T, Hisar	2008-2009	Teaching Associate on contract	GJUS&T, Hisar	2014-2015	Assistant Professor on contract	GJUS&T, Hisar	2015-2021 (Till 17.01.2021)	Assistant Professor Stage-I (Regular) Academic Level 10	GJUS&T, Hisar	18.01.2021- 18.01.2025	Assistant Professor Stage-II/Senior Scale (Regular) Academic Level 11	19.01.2025	Continuing
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Research Fellowships	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Sir C.V. Raman Fellowship</td> <td style="text-align: center;">Haryana State Council of Science & Technology, Panchkula</td> <td style="text-align: center;">2009-2012</td> </tr> <tr> <td style="text-align: center;">Senior Research Fellowship</td> <td style="text-align: center;">Council of Scientific & Industrial Research, New Delhi</td> <td style="text-align: center;">2013-2014</td> </tr> </table>			Sir C.V. Raman Fellowship	Haryana State Council of Science & Technology, Panchkula	2009-2012	Senior Research Fellowship	Council of Scientific & Industrial Research, New Delhi	2013-2014									
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Research Interests	<i>Biofuels, Bioenergy, Bioremediation, Microalgae</i>										
Research Publication Metrics		<table border="1"> <tr> <td>Cumulative Impact Factor:</td> <td>80.402</td> </tr> <tr> <td>Citations</td> <td>859</td> </tr> <tr> <td>h-index</td> <td>11</td> </tr> <tr> <td>i10-index</td> <td>11</td> </tr> </table>	Cumulative Impact Factor:	80.402	Citations	859	h-index	11	i10-index	11	
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Professional Trainings/ Workshops	<p>Indian Oil Corporation Limited, R&D Centre, Faridabad, Haryana (India)</p> <p>HARSAC, CCSHAU, Hisar, Haryana (India)</p> <p>Indian Institute of Technology Delhi, Sonapat Campus, Haryana (India)</p> <p>Deptt. of Veterinary Microbiology, LUVAS, Hisar</p> <p>UGC-HRDC, GJUS&T, Hisar</p> <p>Department of Environmental Science and Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana (India)</p> <p>MMTTC North-Eastern Hill University, Shillong</p> <p>JJM Professor Chair Centre for Sustainable Drinking Water, IIT Jodhpur (Online mode)</p>	<p>“Estimation of polyaromatic hydrocarbons in diesel - biodiesel blends by HPLC technique”</p> <p>11th IIRS Outreach Programme on Basics of RS, GIS & GNSS</p> <p>TEQIP-III/CEP Short Term Course on "Technologies for Organic Biomass Production"</p> <p>Fundamental Techniques for Antibody Production</p> <p>Participated in UGC sponsored One-Month Online (Live Mode) Faculty Induction Programme-4 and obtained grade A+</p> <p>Participated in Online One-Week Short-Term Training Program (STTP) on “Recent Advances in Technologies for Environmental Sustainability” organized from March 7-12, 2022.</p> <p>Attend the Refresher Course in Environmental Science (Multidisciplinary) in Online Mode from 02.09.2024 to 14.09.2024.</p> <p>Training & Capacity Building Program on “Sustainability of Water Sources in Rural Areas” organized by JJM Professor</p>	<p>25 days</p> <p>Three months</p> <p>Three days</p> <p>Two days</p> <p>One month</p> <p>One week</p> <p>Two weeks</p> <p>One day</p>								

	<p>Chair Centre for Sustainable Drinking Water, IIT Jodhpur on 23rd December 2024 (Monday)</p> <p>Training program at Venue: TERI Gram, Gwal Pahari, New Delhi</p> <p>Attended the training program on "Agroforestry as a Nature-Based Solution for Climate Change Mitigation," organized by The Energy and Resources Institute (TERI) from 26.05.2025 to 28.05.2025. organized at Venue: TERI Gram, Gwal Pahari, New Delhi</p> <p style="text-align: right;">Three days</p>
<p>Prizes/Awards/Achievements</p>	<ul style="list-style-type: none"> ➤ Awarded with Certificate of Recognition in 4th International Sustainability Conference on Health, Safety, Fire, and Environmental Advances (HSFEA 2023) held in online mode from October 30-31, 2023 (Sustainability Fair 2.0) for ORAL presentation for the paper entitled "Exploring Medicinal Plant Extracts for Zinc Oxide Nanoparticle Synthesis: Selection and Testing" authored by Diksha Pannu and Anita Singh Kirrolia. ➤ Awarded with Certificate of Recognition in 4th International Sustainability Conference on Health, Safety, Fire, and Environmental Advances (HSFEA 2023) held in online mode from October 30-31, 2023 (Sustainability Fair 2.0) for ORAL presentation for the paper entitled "Opportunities and challenges for the Production of Microalgae based Biofuel" authored by Surender and Anita Singh Kirrolia. ➤ Attended two days International Conference on the celebration of National Science Day-2022 i.e. Integrated Approaches in Science & Technology for Sustainable Future (IASTSF-2022) organized by the Faculty of Sciences and the Faculty of Life Sciences J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana (India) in Collaboration with International Student Chapter American Chemical Society (ACS-ISC) sponsored by Haryana State Council for Science, Innovation and Technology, Department of Science and Technology, Haryana from February 28th - 1st March, 2022 and presented a paper entitled as "Role of magnetic nanoparticles (MNPs) in harvesting of microalgae" authored by Kirrolia, A.S. and Bishnoi, N.R. (the same paper was also awarded as a Best Paper). ➤ Invited as a Keynote Speaker for delivering an online lecture in the Webinar organized by the Department of Environmental Studies, Adarsh Mahila Mahavidalya, Bhiwani and delivered a lecture on the topic "Environmental Pollution and Sustainable Development" on dated 30.07.2021. A letter

	<p>of appreciation was also awarded by the College for delivering the lecture.</p> <ul style="list-style-type: none"> ➤ Awarded with Best Poster Award in National Conference MAFAESE – 2011 held at GJUS&T, Hisar ➤ Qualified UGC-NET in Environmental Sciences held in December, 2007 ➤ Awarded with Merit Certificate for Inter-college State Level Science Quiz (For 1st Prize) - 2006 by Dayanand College, Biological Society, Hisar ➤ Awarded with Merit Certificate in B.Sc. II (For academic session 2004-2005) by P.G. Government College, Hisar ➤ Awarded with Merit Certificate in B.Sc. III (For academic session 2005-2006) by P.G. Government College, Hisar ➤ Awarded with College Colour -2006 by P.G. Government College, Hisar ➤ Awarded with Certificate of Honour (Session 2006-2007) at Sarojini Hall, Panjab University, Chandigarh
Research Projects handled	<p>Two Minor Research Project awarded by Dean, Research, GJUS&T on the topics:</p> <ol style="list-style-type: none"> 1. Synthesis and characterization of magnetic nanoparticles (MNPs) for harvesting of microalgae 2. Plant based nanoparticles: A green prospect for wastewater treatment
No. of Post Graduate (Ph.D.) students guiding/guided	Presently guiding four Ph.D. scholars
No. of Publications	<p><i>Research/Review Publications:</i> National Journals- 06; International Journals- 17 <i>Book Chapters:</i> International- 03; National-02</p>

Participation in National & International Offline/ Online Workshops, Conferences, Webinar, FDPs etc.

OFFLINE (38)

International:- Conferences-07; Seminar- 01

National:- Workshops-19; Seminars-03; Conferences-03; Congress-02; Symposium-01; Short term course-02

ONLINE (76)

Online International Conference- 03

Online National Seminars- 01

Online Webinar/Quiz etc.:- 55

Online Faculty Development Programme/ Course/ Workshop attended:- 17

Member, Organizing Committee of different conferences/seminars/MMTTC Training Coordinator etc. organized by GJU S & T, Hisar (Haryana)

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Professional organization (01):-

Life Member of The Association of Microbiologists of India (AMI)