


# Dr. Anita Singh Kirrolia

## Assistant Professor

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

	<p>Department of Environmental Science and Engineering  <b>Guru Jambheshwar University of Science &amp; Technology,</b>  <b>Hisar-125001, Haryana (India)</b>          Email: anitakirrolia@gjust.org          anita31kirdolia@gmail.com          Contact No.: +91-9050417740 (Mob.)</p>											
<b>Educational Qualifications</b>	<ol style="list-style-type: none"> <li>1. <b>2015 Ph.D. (Environmental Science and Engineering)</b> from Guru Jambheshwar University of Science &amp; Technology, Hisar, Haryana (India)</li> <li>2. <b>2008 M.Sc. (Environment)</b> from Panjab University, Chandigarh (India)</li> <li>3. <b>2006 B.Sc. (Medical)</b> from PG Govt. College, Hisar, Kurukshetra University, Haryana (India)</li> </ol>											
<b>Employment Details</b>	<table border="0"> <tr> <td><b>Contractual Lecturer</b></td> <td><b>GJUS&amp;T, Hisar</b></td> <td><b>2008-2009</b></td> </tr> <tr> <td><b>Teaching Associate on contract</b></td> <td><b>GJUS&amp;T, Hisar</b></td> <td><b>2014-2015</b></td> </tr> <tr> <td><b>Assistant Professor on contract</b></td> <td><b>GJUS&amp;T, Hisar</b></td> <td><b>2015-2021 (Till 17.01.2021)</b></td> </tr> </table>			<b>Contractual Lecturer</b>	<b>GJUS&amp;T, Hisar</b>	<b>2008-2009</b>	<b>Teaching Associate on contract</b>	<b>GJUS&amp;T, Hisar</b>	<b>2014-2015</b>	<b>Assistant Professor on contract</b>	<b>GJUS&amp;T, Hisar</b>	<b>2015-2021 (Till 17.01.2021)</b>
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<b>Research Fellowships</b>	<table border="0"> <tr> <td><b>Sir C.V. Raman Fellowship</b></td> <td><b>Haryana State Council of Science &amp; Technology, Panchkula</b></td> <td><b>2009-2012</b></td> </tr> <tr> <td><b>Senior Research Fellowship</b></td> <td><b>Council of Scientific &amp; Industrial Research, New Delhi</b></td> <td><b>2013-2014</b></td> </tr> </table>			<b>Sir C.V. Raman Fellowship</b>	<b>Haryana State Council of Science &amp; Technology, Panchkula</b>	<b>2009-2012</b>	<b>Senior Research Fellowship</b>	<b>Council of Scientific &amp; Industrial Research, New Delhi</b>	<b>2013-2014</b>			
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<b>Research Interests</b>	<b><i>Biofuels, Bioenergy, Bioremediation, Microalgae</i></b>											
<b>Research Publication Metrics</b>	<table border="0"> <tr> <td><u>Citations</u></td> <td><b>734</b></td> </tr> <tr> <td><u>h-index</u></td> <td><b>9</b></td> </tr> <tr> <td><u>i10-index</u></td> <td><b>9</b></td> </tr> </table>			<u>Citations</u>	<b>734</b>	<u>h-index</u>	<b>9</b>	<u>i10-index</u>	<b>9</b>			
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<b>Professional Trainings/ Workshops</b>	<b>Indian Oil Corporation Limited, R&amp;D Centre, Faridabad, Haryana (India)</b>	<b>“Estimation of polyaromatic hydrocarbons in diesel - biodiesel blends by HPLC technique”</b>	<b>25 days</b>
	<b>HARSAC, CCSHAU, Hisar, Haryana (India)</b>	<b>11th IIRS Outreach Programme on Basics of RS, GIS &amp; GNSS</b>	<b>Three months</b>
	<b>Indian Institute of Technology Delhi, Sonapat Campus, Haryana (India)</b>	<b>TEQIP-III/CEP Short Term Course on "Technologies for Organic Biomass Production"</b>	<b>Three days</b>
	<b>Deptt. of Veterinary Microbiology, LUVAS, Hisar</b>	<b>Fundamental Techniques for Antibody Production</b>	<b>Two days</b>
	<b>UGC-HRDC, GJUS&amp;T, Hisar</b>	<b>Participated in UGC sponsored One-Month Online (Live Mode) Faculty Induction Programme-4 and obtained grade A+</b>	<b>One month</b>
	<b>Department of Environmental Science and Engineering, J. C. Bose University of Science and Technology, YMCA, Faridabad, Haryana (India)</b>	<b>Participated in Online One-Week Short-Term Training Program (STTP) on “Recent Advances in Technologies for Environmental Sustainability” organized from March 7-12, 2022.</b>	<b>One week</b>
<b>Prizes/Awards/ Achievements</b>	<ul style="list-style-type: none"> <li>➤ <b>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.</b></li> <li>➤ <b>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</b></li> </ul>		

	<p>Microalgae based Biofuel” authored by Surender and Anita Singh Kirrolia.</p> <ul style="list-style-type: none"> <li>➤ Attended two days International Conference on the celebration of National Science Day-2022 i.e. Integrated Approaches in Science &amp; 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 an 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).</li> <li>➤ 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 of appreciation was also awarded by the College for delivering the lecture.</li> <li>➤ Awarded with Best Poster Award in National Conference MAFAESE – 2011 held at GJUS&amp;T, Hisar</li> <li>➤ Qualified UGC-NET in Environmental Sciences held in December, 2007</li> <li>➤ Awarded with Merit Certificate for Inter-college State Level Science Quiz (For 1st Prize) - 2006 by Dayanand College, Biological Society, Hisar</li> <li>➤ Awarded with Merit Certificate in B.Sc. II (For academic session 2004-2005) by P.G. Government College, Hisar</li> <li>➤ Awarded with Merit Certificate in B.Sc. III (For academic session 2005-2006) by P.G. Government College, Hisar</li> <li>➤ Awarded with College Colour -2006 by P.G. Government College, Hisar</li> <li>➤ Awarded with Certificate of Honour (Session 2006-2007) at Sarojini Hall, Panjab University, Chandigarh</li> </ul>
<p><b>Research Projects handled</b></p>	<p>Two Minor Research Project awarded by Dean, Research, GJUS&amp;T on the topics:</p> <ol style="list-style-type: none"> <li>1. Synthesis and characterization of magnetic nanoparticles (MNPs) for harvesting of microalgae</li> <li>2. Plant based nanoparticles: A green prospect for wastewater treatment</li> </ol>

No. of Post Graduate (Ph.D.) students guiding/guided	Presently guiding three Ph.D. scholars
No. of Publications	<p><b>Research Publications:</b> National Journals- 10; International Journals- 10</p> <p><b>Book Chapters:</b> International- 01; National-02</p>
Participation in National & International Offline/ Online Workshops, Conferences, Webinar, FDPs etc.	<p style="text-align: center;"><u>OFFLINE (38)</u></p> <p><u>International:-</u> Conferences-07; Seminar- 01</p> <p><u>National:-</u> Workshops-19; Seminars-03; Conferences-03; Congress-02; Symposium-01; Short term course-02</p> <p style="text-align: center;"><u>ONLINE (74)</u></p> <p><u>Online International Conference-</u> 03</p> <p><u>Online National Seminars-</u> 01</p> <p><u>Online Webinar/Quiz etc.:</u> - 53</p> <p><u>Online Faculty Development Programme/ Course/ Workshop attended:-</u> 17</p> <p style="text-align: center;"><u>Member, Organizing Committee of different conferences/seminars etc. organized by GJU S &amp; T, Hisar (Haryana)</u></p> <p style="text-align: center;"><b>15</b></p>