

## DETAILED CURRICULUM VITAE

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### **A. Academics (Postgraduate Onwards):**

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<b>M.Tech</b>	<ul style="list-style-type: none"><li>• 2014</li><li>• <b>Experimental Study of Flow Visualization around Circular Cylindrical Model by Wet Paint Technique</b></li></ul>
<b>Ph.D.</b>	<ul style="list-style-type: none"><li>• <b>Recently Awarded</b>(17.12.2020)</li><li>• Registration Date: 06.02.2015</li><li>• <b>Institute Fellowship (JRF from MHRD)</b></li><li>• <b>'Monitoring of Groundwater Quality of North-Eastern Haryana, India'</b></li></ul>
<b>Research Publication</b>	<ul style="list-style-type: none"><li>• International/National Journals (<b>Table 1, 2 &amp; 3</b>)</li><li>• International/National Conferences (<b>Table 4 &amp; 5</b>)</li><li>• Book Chapters&amp;Workshop Attended (<b>Table 6 &amp;7</b>)</li></ul>
<b>Prominent Conferences&amp;International Exposure</b>	<ul style="list-style-type: none"><li>• <b>38<sup>th</sup> IAHR (International Association for Hydro-Environment Engineering and Research) World Congress –Water Connecting the World (An International Conference)</b> organized under the aegis of <b>Spain Water and IWHR.</b></li><li>• <b>7<sup>th</sup> ICSE-2014 on Soil and Erosion, Perth, Australia</b></li></ul>
<b>LifeMembership (Academic Bodies)</b>	<ul style="list-style-type: none"><li>• <b>Indian Society of Hydraulics (ISH)</b></li><li>• <b>Indian Water Resources Society (IWRS)</b></li></ul>
<b>Reviewer</b>	<ul style="list-style-type: none"><li>• <b>International Journal of Scientific Reports</b> (Publisher Nature.com; UK, SCI)</li><li>• <b>International Journal of Environmental Monitoring and Assessment</b> (Publisher Springer, Netherlands,SCI)</li><li>• <b>International Journal of Civil Engineering</b> (Publisher Springer Nature, Switzerland,SCI)</li><li>• <b>Arabian Journal of Geosciences</b> (Publisher Springer Nature, Germany, SCI)</li><li>• <b>Current World Environment</b> (Publisher Springer Nature, Indi, SCI)</li><li>• <b>International Journal of Applied Water Science</b> (Publisher Springer Nature, Germany,ESCI)</li><li>• <b>Current World Environment</b> (Publisher Springer Nature, India, UGS-CARE)</li><li>• <b>Journal of Sn Applied Science</b> (Publisher Springer Nature, India, ,ESCI)</li></ul>
<b>Software Knowledge</b>	<ul style="list-style-type: none"><li>• ArcGIS, ANSYS, Matlab, Geochemist Workbench</li><li>• Aquachem, Grapher, SPSS, MINITAB, MS Office etc.</li></ul>

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## LIST OF PUBLICATIONS

**Table 1. Paper in International Refereed Journals (SCI/SCOPUS)**

Sr. No	Title/Co-authors	Name of the Journal	Status
1.	Monitoring of pre and post-monsoon groundwater quality of N-E Haryana region using GIS  Baldev Setia and Surinder Deswal	Environmental Technology (Publisher: TAYLOR & FRANCIS) (2019)	<b>Published</b> <a href="https://doi.org/10.1080/09593330.2019.1619841">https://doi.org/10.1080/09593330.2019.1619841</a> (I.F. = 3.475)
2.	Groundwater quality and geochemical signatures northeastern Haryana, India  Baldev Setia and Surinder Deswal	Arabian Journal of Geosciences (Publisher: Springer) (2020)	<b>Published</b> <a href="https://doi.org/10.1007/s12517-020-06094-z">https://doi.org/10.1007/s12517-020-06094-z</a> (I.F. = 1.827)
3.	Hydro-chemical analysis of pre-monsoon groundwater of north-eastern Haryana  Baldev Setia and Surinder Deswal	Groundwater for Sustainable Development (Publisher: ELSEVIER) (2019)	<b>Published</b> <a href="https://doi.org/10.1016/j.gsd.2019.03.001">https://doi.org/10.1016/j.gsd.2019.03.001</a>
4.	Data on appraisal of groundwater quality in north-eastern Haryana  Baldev Setia and Surinder Deswal	Journal of Data in Brief (Publisher: ELSEVIER) (2019)	<b>Published</b> <a href="https://doi.org/10.1016/j.dib.2019.104164">https://doi.org/10.1016/j.dib.2019.104164</a>
5.	Hydro-chemistry for the Analysis of Sub-surface Water Quality in North-Eastern Haryana: A Fast-Urbanizing Region  Baldev Setia and Surinder Deswal	Advances in Intelligent Systems and Computing (Publisher: Springer Group lecture series) (2020)	<b>Published</b> <a href="https://doi.org/10.1007/978-981-15-3215-3_1">https://doi.org/10.1007/978-981-15-3215-3_1</a>
6.	Classification of groundwater quality using multivariate statistical techniques:A case study from a part of Haryana, northwestern India  Baldev Setia and Surinder Deswal	Environmental Geochemistry and Health (Publisher: Springer nature Group)	<b>Published</b> <a href="https://doi.org/10.1007/s10653-022-01288-8">https://doi.org/10.1007/s10653-022-01288-8</a> (I.F. - 4.898)

**Table 2. Paper in National Refereed Journals (SCI/SCOPUS)**

Sr. No	Title/Co-authors	Name of the Journal	Status
1.	Groundwater quality analysis of north-eastern Haryana using multivariate statistical techniques  Baldev Setia and Surinder Deswal	Journal of Geological Society of India (Publisher: Springer) (2020)	<b>Published</b> <a href="https://doi.org/10.1007/s12594-020-1450-z">https://doi.org/10.1007/s12594-020-1450-z</a> (I.F. = 1.466)
2.	Groundwater quality in urban and rural areas of north-eastern Haryana (India): a review  Baldev Setia and Surinder Deswal	ISH (Journal of Hydraulic Engineering) (Publisher: TAYLOR & FRANCIS) (2018)	<b>Published</b> <a href="https://doi.org/10.1080/09715010.2018.1531070">https://doi.org/10.1080/09715010.2018.1531070</a>

**Table 3. Paper in International Refereed Journals (SCI) [Revision Submitted/Under Review]**

<b>Sr. No</b>	<b>Title/Co-authors</b>	<b>Name of the Journal</b>	<b>Status</b>
1..	Physico-Chemical Characteristics of Groundwater Samples of North-Eastern Haryana, India Baldev Setia and Surinder Deswal	Iranian Journal of Science and Technology-Transactions of Civil Engineering (Publisher: Springer)	Under Review (I.F – 0.800)
2.	Fluoride pollution in underground water of north-eastern Haryana, India Baldev Setia and Surinder Deswal	Journal of Hazardous, Toxic, and Radioactive Waste (Publisher: ASCE)	Under Review
3.	Improving the estimation precision of the mapping of groundwater salinity employing Indicator Kriging Technique Baldev Setia and Surinder Deswal	Journal of Irrigation and Drainage Engineering (Publisher: ASCE)	Under Review (I.F. – 1.340)

**Table 4. Papers in International Conferences Proceedings (SCOPUS)**

<b>Sr. No.</b>	<b>Title/Co-authors</b>	<b>Name of the Conference</b>	<b>Status</b>
1.	Hydro-chemical analysis of groundwater for domestic and irrigation purpose of north-eastern Haryana using Water Quality Index Baldev Setia and Surinder Deswal	<b>38<sup>th</sup> IAHR-2019 World Congress Panama City, Panama</b>	<b>Presented/Published</b>
2.	Hydrochemistry signatures analysis of groundwater quality of north-eastern Haryana, India Baldev Setia and Surinder Deswal	<b>HYDRO-2019</b> , University College of Engineering, Osmania University, Hyderabad	Presented/Published
3.	Hydro-chemistry for the Analysis of Sub-surface Water Quality in North-Eastern Haryana: A Fast-Urbanizing Region Baldev Setia and Surinder Deswal	NOIEAS-2019, NITW, Telangana, India	Presented/Published
4.	Visualization guided experimental study on closely spaced bridge pier models Rahul Malik and Baldev Setia	<b>7<sup>th</sup> International Conference on Scour and Erosion, The University of Western Australia, Perth, Australia (2014)</b>	Published
5.	Reclamation of Wastewaters Using Microalgae and Microalgal Bioremediation Potential: A Review	<b>HYDRO-2022, PEC, CHANDIGARH</b>	Accepted

**Table 5. Papers in National Conferences Proceedings**

<b>Sr. No.</b>	<b>Title/Co-authors</b>	<b>Name of the Conference</b>	<b>Status</b>
1.	Pre-monsoon groundwater quality analysis for drinking purpose using GIS in north-eastern Haryana, India: focus on Fluoride Baldev Setia and Surinder Deswal	ICGCE-2019, NITA, U.P., India	Presented/Published
2.	Groundwater Quality Evaluation for Agriculture and Domestic Purposes in North-Eastern Haryana Baldev Setia and Surinder Deswal	WRM-2019, AMU, Aligarh, U.P	Presented/Published
3.	Hydro-chemical study of groundwater in north-eastern Haryana Baldev Setia and Surinder Deswal	RTIFESE-2019, GJU, Hissar	Presented/Published
4.	Experimental study on flow visualization around circular cylindrical model by wet paint technique Baldev Setia	CAHHEWC-2013, National Institute of Technology, Kurukshetra	Presented/Published

**Table 6 Book Chapters (SCOPUS)**

<b>Sr. No.</b>	<b>Title/Co-authors</b>	<b>Name of the Conference</b>	<b>Status</b>
1.	Hydro-chemical analysis of groundwater for domestic and irrigation purpose of north-eastern Haryana using Water Quality Index Baldev Setia and Surinder Dewal	<b>38<sup>th</sup> IAHR-2019 World Congress Panama City, Panama</b>	Published (DOI:10.3850/38WC092019-0889)
2.	Visualization guided experimental study on closely spaced bridge pier models Baldev Setia and Rahul Malik	<b>7<sup>th</sup>International Conference on Scour and Erosion, The University of Western Australia, Perth, Australia (ICSE 2014)</b>	Published (Taylor & Francis Group, London, 978-1-138-02732-9)

**Table 7 Conferences/Workshops etc. attended**

S.No.	Seminar/Symposium/Conference/Workshop with name of organizer and place	Period		Duration (Days)
		From	To	
1	38 <sup>th</sup> IAHR-2019 World Congress Panama City, Panama	01.09.2019	06.09.2019	One week
2	HYDRO-2019, University College of Engineering, Osmania University, Hyderabad	18.12.2019	20.12.2019	03
3	NOIEAS-2019, NITW, Telangana, India	19.06.2019	21.06.2019	03
4	ICGCE-2019, NITA, U.P., India	01.03.2019	02.03.2019	03
5	WRM-2019, Aligarh Muslim University, Aligarh, U.P	15.03.2019	16.03.2019	02
6	RTIFESE-2019, GJU, Hissar	20.09.2019	21.09.2019	02
7	CAHHEWC-2013, National Institute of Technology, Kurukshetra	15.01.2013	16.11.2013	02
8	One week STTP on Computational Mechanics and Modelling (CMM 2016), SVNIT. Surat, Gujarat, India	26.12.2016	30.12.2016	One Week
9	Application of GIS, NIH, IIT, Roorkee, U.K., India	15.01.2017	20.01.2017	One Week
10	Hands on Training on SAR filling of NBA accreditation	26.07.2021	30.07.2021	One Week
11	FDP on RESEARCH AND INNOVATIONS ENGINEERING	07.02.2022	12.02.2022	One Week
12	FDP on ENGINEERING MATERIALS	24.01.2022	30.01.2022	One Week
13	FDP on RESEARCH WRITING AND PROFESSIONAL ETHICS	07.09.2021	13.09.2021	One Week
14	Value added Course on 'Recent Trends in Geotechnical and Hydraulic Engineering'	15.09.21	15.09.21	01