


**Brief Bio-data of Dr Ch. Jyotiprava Dash**

Name	Dr Ch. Jyotiprava Dash		
E-mail	<a href="mailto:jyoti.dash@icar.gov.in">jyoti.dash@icar.gov.in</a> , <a href="mailto:jyoti.551@gmail.com">jyoti.551@gmail.com</a>		
Designation	Senior Scientist, ICAR-IISWC, RC, Sunabeda		
Qualification(s)	Ph.D. in Agricultural Engineering with specialization in Soil and Water Conservation Engineering		
Date of Birth	8 <sup>th</sup> May 1980		
Service Particulars	<ul style="list-style-type: none"> <li>• Senior Scientist (SWCE) at ICAR-IISWC, Research Centre, Sunabeda, Odisha from 01.01.2022 to till date.</li> <li>• Scientist, senior scale (SWCE) at ICAR-IISWC, Research Centre, Sunabeda, Odisha from 01.01.2017 to 31.12.2021.</li> <li>• Scientist (SWCE) at ICAR-IISWC, Research Centre, Sunabeda, Odisha from 11.04.2013 to 31.12.2016.</li> <li>• Scientist trainee (SWCE) at ICAR-NAARM, Hyderabad, Telengana from 01.01.2013 to 10.04.2013.</li> <li>• Subject Matter Specialist (SMS) at KVK, Boudh, under OUAT, Bhubaneswar from 12.01.2010 to 29.12.2012.</li> </ul>		
Major Research areas	<ul style="list-style-type: none"> <li>• Soil and Water Conservation, Watershed Hydrology, Groundwater Modelling, Geostatistics, Remote Sensing and GIS</li> </ul>		
No. of Research Publications	Indian Journal		18
	International Journal		15
	Proceedings of National Seminar/Symposia/Workshops		01
	Proceedings of International Seminar/Symposia/Workshops		-
	Abstracts published		10
	Book Published/Edited		05
	Book chapters		30
	Research/ Technical bulletins/ Training Manual		10
	Popular articles		05
	Lead paper		02
	Consultancy project handled		01
	External projects handled		03
Visits abroad	Nil		
Teaching	Course(s) taught: Nil		
Guided No. of M.Sc./Ph.D. students	Member of Advisory Committee		Nil
			Nil

Awards received	<ul style="list-style-type: none"> <li>• NAAS Associate in Agricultural Engineering from National Academy of Agricultural Sciences, New Delhi - 2020</li> <li>• Best worker award (In Scientific Category) from ICAR-Indian Institute of Soil and Water Conservation, Dehradun -2020</li> <li>• ICAR- Nanaji Deshmukh ICAR award for outstanding interdisciplinary team research in agriculture and allied sciences from Indian Council of Agricultural Research, New Delhi- 2019</li> <li>• Young scientist award from Indian Association of Soil and Water Conservationist, Dehradun-2019</li> <li>• Merit certificate for highest aggregate in Engineering from ICAR-Indian Institute of Soil and Water Conservation, Dehradun -2017</li> <li>• SCSI student fellowship Award from SCSI, New Delhi-2006</li> <li>• N.K. Roy medal from Indian Agricultural Research Institute, New Delhi -2005</li> <li>• Senior Research Fellowship from Indian Agricultural Research Institute, New Delhi-2006</li> <li>• Junior Research Fellowship from Indian Council of Agricultural Research, New Delhi-2003</li> <li>• University Merit Fellowship from Odisha University of Agriculture and Technology – (1998-2002)</li> </ul>
Reviewer for National/International Journals	<ul style="list-style-type: none"> <li>• International Journal of Sediment Research</li> <li>• Environmenta Earth Sciences</li> <li>• Paddy and Water Environment</li> <li>• Indian Journal of Soil Conservation</li> <li>• Journal of Agricultural Engineering</li> </ul>
Any other relevant information	<ul style="list-style-type: none"> <li>• Land use analysis using remote sensing and GIS for resource conservation in shifting cultivated areas of Eastern Ghats region of Odisha.</li> <li>• Mapping and characterization of <i>Jhola</i> land in Koraput district.</li> <li>• Mapping of rainfall erosivity and erosivity density for India.</li> <li>• Evaluated Kintec Energy-Intensity relationship for Eastern Ghats Region of Odisha.</li> <li>• Prediction of runoff and soil loss for Pennar river basin of South India using SWAT model.</li> <li>• Developed scale relationships runoff and soil loss in different landuses under multiple spatial scale</li> <li>• Prepared DIP under PMKSY for 6 aspirational districts of Odisha</li> <li>• 10 years of Research &amp; Field Experience in the Field of Soil &amp; Water Conservation &amp; Watershed Management</li> </ul>