



## Publications (summary)

S. No	Publication	Number
1	Research Publications	45
	National	28
	International	17
2	Books	
	Authored	0
	Edited	10
3	Book Chapters	26
4	Lead Papers	0
5	Radio talks	2
6	Technical/Research Reports/Compilation/Bulletins	18
7	Extension Folder/Leaflets	5
8	Symposia/Workshop/Seminar Papers	16
9	Popular article	25
10	Professional Training attended	03
11	Consultancy project handled (Leader in 0 & Associated in 5)	05
12	No. of training `organized	
	Short duration sponsored training (Trained: 865 )	22
	Soil Conservation Regular Training Course: (5½ or 4 months duration) (Trained: 0)	0
	B. Tech students Field Practical training – One to two months (No. Students: 115)	8
13	Seminars/Symposia/Workshops/Summer or Winter School Organized	14
14	External project handed	01
6	Training manual	15
8	Training organised	24
9	B.Tech students Field Practical training- one to two months (No Students: >160)	6
10	Farmers mela/Sensitization workshop/	11

## Most important 5 Publications

**Hombegowda, H. C.,** van Straaten, O., Köhler, M., and Hölscher, D. 2016. On the rebound: soil organic carbon stocks can bounce back to near forest levels when agroforests replace agriculture in southern India. *SOIL*, 2(1), 13-23.

**Hombegowda, H.C.,** Adhikary, P.P., Jakhar, P. Madhu, M. and Barman, D., (2020) Hedge row intercropping impact on run-off, soil erosion, carbon sequestration and millet yield. *Nutrient Cycling in Agroecosystems*, 116: 103-116. <https://doi.org/10.1007/s10705-019-10031-2>

**Hombegowda, H.C.,** Michael Köhler, Alexander Röhl and Dirk Hölscher, 2020, Tree species and size influence soil water partitioning in coffee agroforestry, *Agroforestry System*, 94:137–149, DOI: 10.1007/s10457-019-00375-7.

**Hombegowda, H.C.,** Jakhar, P. Madhu, M. and Yearbok Marwein, (2020), “Thang Bun”: New reporting of indigenous practice of in-situ biochar preparation cum application for improved jhum cultivation in North East India, Current Science. 120(7): 1160-1168. doi: 10.18520/cs/v120/i7/1160-1168.

**Hombegowda, H. C.,** Vasudeva, R., George P. Mathachen, R. Uma Shaanker and K.N. Ganeshiah. 2002. Breeding types in Nothapodytes nimmoniana Graham : An important medicinal tree. Current Science. 83(9): 1077-1078.

**Google Scholar link**

<https://scholar.google.co.in/citations?user=9DduJ70AAAAJ&hl=en>

**Research Gate link**

<https://www.researchgate.net/profile/Hombegowda-H-C/research>

#### **Awards/Fellowships/Recognitions**

<b>S. No.</b>	<b>Name of the Award/Fellowship /Recognition</b>	<b>Awarding organization</b>	<b>Year of Award</b>
<b>1</b>	<b>Netaji Subhash ICAR - International Fellowship</b>	Indian Council of Agricultural Research (ICAR), New Delhi	2011
<b>2</b>	<b>Vasandrao Naik Award for Outstanding Research and Application in Dry land Farming Systems</b>	Indian Council of Agricultural Research (ICAR), New Delhi	2014
<b>3</b>	<b>Nanagi Deshmukh ICAR Award for Outstanding Interdisciplinary Team Research in Agriculture and Allied Sciences</b>	Indian Council of Agricultural Research (ICAR), New Delhi	2018
<b>4</b>	<b>IASWC Gold Medal Award</b>	Indian Association of Soil and Water Conservationists, ICAR-Indian Institute of Soil and Water Conservation, Dehradun	2020
<b>5</b>	<b>Best Worker Award</b>	ICAR-Indian Institute of Soil and Water Conservation, Dehradun	2019-20
<b>6</b>	<b>Paramount Achiever Award</b>	Society for Advancement of Human Nature (SADHNA), Dr Y.S. Parmar University of Horticulture and Forestry, Solan	2020

**Research Projects as PI (On-going):**

1. Microsite modification and soil and water conservation techniques for improving productivity of *Melia dubia* on degraded lands (Institute funded)

**Research Projects as PI (Concluded):**

1. Assessing the vegetation and SOC recovery potentials of abandoned / fallowed shifting cultivated sites in Central Eastern Ghats
2. Performance evaluation of different oil yielding grass species in shifting cultivated degraded lands of Eastern Ghats
3. Resource conservation by alley cropping in shifting cultivated degraded lands of Eastern Ghats

**Other important responsibility**

**Consultancies**

1. Impact Evaluation study of RVP watersheds in over Bhavani Catchments, Tamil Nadu, 2010, Agriculture Engg. Department, Govt. of Tamil Nadu (Co-PI).
2. Preparation of treatment plan to control / minimize soil erosion in Barsuan-Taldih – Kalta mining area of SAIL in Bonai Forest divisional of Sundargarh district of Odisha, 2012, Steel Authority of India Limited (SAIL), Bhubaneswar (Co-PI).
3. Evaluation of SMC Measures at Three Divisional Management Units (DMUs) Under Odisha Forestry Sector Development Project, 2014, Steel Authority of India Limited (SAIL), Bhubaneswar (Co-PI).
4. Preparation of District Irrigation plan for Gajapati, Nabarangapur, Malkangiri, Kalahandi, Koraput and Rayagada districts of Odisha under PMKSY project, 2016, Odisha Watershed Development Mission (OWDM), Govt. of Odisha (Co-PI).
5. Advisory services on soil conservation measures during soil remediation process in mercury contaminated soil of HUL factory site, Kodaikanal, 2021, HUL (Co-PI).