


## Profile of Dr. J.M.S. TOMAR

	<b>Name:</b> Dr. J.M.S. Tomar
	<b>Designation:</b> Principal Scientist (Forestry)
	<b>Date of Birth:</b> 01-10-1971
	<b>Area of Specialization:</b> Forestry/agroforestry/ Medicinal and aromatic plant
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### Detail Profile

### Education

Degree	Year of Passing	University/Institution
B.Sc.	1994	HNB, Garhwal University Srinager-Garhwal
M. Sc. (Forestry)	1996	HNB, Garhwal University Srinager-Garhwal
Ph. D.	2006	North-Eastern Hill University, Shillong

### Professional History

Position	Year		Organization
Principal Scientist (Forestry)	11.09.2013	till date	ICAR-Indian Institute of Soil and Water Conservation, Dehradun
Senior Scientist PB-IV (Forestry)	11.09.2010	11.09.2013	ICAR-Indian Institute of Soil and Water Conservation, Dehradun
Senior Scientist (Forestry)	11.09.2007	11.09.2010	ICAR Research Complex for NEH Region, Umiam (Meghalaya)
Scientist-SS (Forestry)	11.09.2004	11.09.2007	ICAR Research Complex for NEH Region, Umiam (Meghalaya)
Scientist (Forestry)	11.09.1998	11.09.2004	ICAR Research Complex for NEH Region, Umiam (Meghalaya)

### Publications (summary)

S. No.	Publication	Number
1	Research Publications	55
	National	35
	International	20
2	Books	
	Authored	-

	Edited	4
3	Book Chapters	25
4	Lead Papers	0
5	Radio talks	1
6	Technical/Research Reports/ Compilation / Bulletins	6
7	Extension Folders/leaf lets	5
8	Symposia/Workshop/Seminar Papers	25
9	Popular article	20
10	Professional Trainings attended	12
11	Consultancy project handled (Leader in 1 & Associated in 1)	2
12	No. of training organized	
	Short duration sponsored training (Trained : 3)	10
	Soil Conservation Regular Training Course: (5 ½ or 4 months duration) (Trained: 0)	-
	B.Tech students Field Practical training- one to two months (No Students: 0)	-
13	Seminars/Symposia/Workshops/Summer or Winter School/ Organized	-
14	External projects handled	8

#### Most important 5 Publications:

**Tomar, J.M.S.**, Das Anup and Arunachalam A. 2013. Crop response and soil fertility as influenced by green leaves of indigenous agroforestry tree species in a lowland rice system in northeast India. *Agroforestry Systems*:87:193-201.

**Tomar J.M.S.**, S.K. Kar, A. Ahmed, M. Sankar, J. Jayaprakash, R. Kaushal, S. Islam, H. Mehta, O.P. Chaturvedi.2021. Hydrological fluxes from Sal (*Shorea robusta*) forests under various disturbance gradients of Himalayan foothills. *Ecohydrology & Hydrobiology*. <https://doi.org/10.1016/j.ecohyd.2021.12.002>.

**Tomar, J.M.S.**, Pandey H.N. Bhatt, B.P. and Tripathi R.S. 2009. Growth behaviour of selected tree species under Hilly Ecosystems of Northeast India- An expanding role in agroforestry. *Agroecology and Sustainable Food Systems (J. of Sustainable Agriculture)*, 33: 903 - 916.

**Tomar, J.M.S.**, Kumar, R., Kaushal, R., Kar, S. K., Mehta, H. and Chaturvedi, O. P. 2022. Soil conservation measures improve vegetation development and ecological processes in the Himalayan slopes. *Trop Ecol*. <https://doi.org/10.1007/s42965-022-00247-9>.

Bhatt, B.P. and **Tomar J.M.S.** 2002. Firewood properties of some Indian mountain tree and shrub species. *Biomass and Bioenergy*, 23: 257-260.

Google Scholar link <https://scholar.google.com/citations?user=5TZvh9UAAAAAJ&hl=en>

Research Gate link <https://www.researchgate.net/scientific-contributions/JMS-Tomar-2101731455>

#### Awards/Fellowships/Recognitions

S. No.	Name of the Award/Fellowship /Recognition	Awarding organization	Year of Award
1.	<b>Vasant Rao Naik award</b> for Research Applications in Dryland <b>Agriculture</b> (Associate)	ICAR, New Delhi	2005
2.	<b>K.G. Tejwani Award</b> for Excellence in Agroforestry Research and Development	Indian Society Of Agroforestry ICAR-Central Agroforestry Research Institute, Jhansi - 284 003	2017
3.	<b>Best poster presentation</b> award in the “National Symposium on Conservation Horticulture”	Jointly organized by ISHR& D and GBPUA&T, Pantnager (Uttarakhand).	2010
4.	<b>Best poster presentation</b> award in the “National Symposium on Agroforestry for environmental Challenges, Sustainable Land use, Biodiversity Conservation and Rural Livelihood”	Jointly organized by ICAR_CAFRI Jhansi, ICAR New Delhi and World Agroforestry Centre, New Delhi	2016
5.	Merit Certificates of appreciations in “Soil conservation and Agroforestry” at	ICAR-IISWC, Dehradun	2009
6.	Awarded “NET” Certificate	ASRB, ICAR, New Delhi	1998
7.	Member of Editorial Board	ICAR-IISWC, Dehradun	2013
8.	Recognition as <b>examiner</b> to evaluate Ph D./ M.Sc. thesis and conducted viva voce of Forestry	H.N.B. Garhwal University (Central University) Srinagar, Doon university, Dehradun and FRI Deemed University, Dehradun	2012 to till date
9.	<b>Expert member</b> of ICFRE- Internal Screening Committee, Dehradun	ICFRE, Dehradun	2014 to till date
10.	<b>Member</b> Board of Studies (BOS) in Environmental Sciences	H.N.B. Garhwal University (A Central University) Srinagar (Garhwal) -246174, Uttarakhand	2020
11.	Awarded <b>World Bank Junior Fellowship</b> in FRI , Dehradun	ICFRE, Dehradun	1997
12.	Awarded “ <b>A Mac Arthur Foundation- UNESCO Junior Fellowship</b> ”	A Mac Arthur Foundation- UNESCO	1996

**Research Projects as PI (On-going):** **02**

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

At ICAR-IISWC, Dehradun: **04**

At ICAR Research Complex for NEH Region, Umiam (Meghalaya): **04**

**Other important responsibility**

(i) As a **project leader- Tribal Sub Plan (TSP)** for coordinating multidisciplinary team of Scientists for execution of various activities under TSP Project at Saihya-Udpalta village in Dehradun district.

(ii) Productive utilization of bouldery riverbed lands through cultivation of aromatic grasses.

(iii) Coordinating **supervisor/ observer** for conducting different written Examination for recruitment ARS/ NET/AO/FAO and other Technical Assistant examination at ICAR-IISWC, Dehradun.

(iv) Organizing **Training/ Kishan Melas/ Goshtis/ Exposure visits/Exhibitions.**

(V) Evaluated projects, reports, thesis of various agencies like FRI (Deemed University), H.N.B Garhwal Central University Srinagar Garhwal, Doon University, Dehradun & Uttarakhand University of Horticulture and Forestry, Ranichauri

**Consultancies**

(i) **As a PI of multidisciplinary team** for consultancy project on “Research cum Consultation for CAT plan of Vyasi Hydro Electric Power Project” under Kalsi Forest Division during 2021.

(i) **Member of multidisciplinary team** for consultancy project on “livestock based farming system” for Centre for Youth and Rural Development (CYRD), Kokrajhar (Assam) during 2006 onwards at ICAR Res. Complex NEH Region, Umiam, Meghalaya.