


## Profile of Dr JAGADEESANJAYAPRAKASH

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|  | <b>Name:</b> JAGADEESANJAYAPRAKASH<br><b>Designation:</b> Sr.Scientist<br><b>Date of Birth:</b> 25.06.1972<br><b>Area of Specialization:</b> Silviculture & AgroForestry<br><b>Email ID:</b><br>jamajayaprakash@gmail.com,jagadeesan.prakash@icar.gov.in<br><b>ERP ID:</b> 007957<br><b>Mobile:</b> 9458310473,9528415023 |
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### Detail Profile

### Education

| Degree        | Year of Passing | University/Institution                      |
|---------------|-----------------|---|
| Bsc Forestry  | 1994            | TNAU- Forest College and Research Institute |
| Msc Forestry  | 1997            | TNAU- Forest College and Research Institute |
| Ph.D Forestry | 2001            | TNAU- Forest College and Research Institute |

### Professional History

| Position     | Year |      | Organization      |
|--------------|------|------|-------------------|
| Scientist    | 2001 | 2005 | ICAR-IVRI & IISWC |
| Sr.scientist | 2005 | 2010 | ICAR-IISWC        |
| Sr.Scientist | 2010 | 2022 | ICAR-IISWC        |
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### Publications (summary)

| S. No | Publication  | Number |
|-------|--|--------|
| 1     | Water Repelency of Soils in the Lower Himalayan Region of India<br>Impact of Land Use. <i>Current Science</i> ,2009 Vol.96,No (1).<br>Mandol and <b>Jayaprakash, J</b>             |        |
| 2     | Impact of chilling injury on comman fruits plants of Doon valley.<br><i>Current science</i> ,2012 102(8); 1107-1111 Rathore A C, Raizada A,<br><b>Jayaprakash J</b> and Sharda V N |        |

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| 3 | Distribution of fine root biomass of fruit and forest tree species raised on old river bed lands in the north west Himalayas. <i>Tropical Ecology</i> 2013 54(2): 251-261 Raizada A, <b>Jayaprakash, J</b> A C Rathore And JMS Tomar  |  |
| 4 | Biomass production, carbon sequestration and water transmission properties as influenced by densified plantations raised on old river bed lands in the north west Himalayas. <i>Indian Journal of Soil Conservation</i> 2014 Vol 42(1) pp85-97 Raizada, A; Ghosh, BN; <b>Jayaprakash, J</b> ; Singh, Charan |  |
| 5 | Optimization of irrigation strategies for higher biomass and fruit production in Kinnow mandarin of lower Himalaya. <i>HortFlora Research Spectrum</i> 2016 Vol 5(4) pp325-330 Rathore, AC; <b>Jayaprakash, J</b> ; Mehta, H  |  |
| 6 | Improving fruit productivity of Kinnow mandarin ( <i>Citrus reticulata</i> Blanco) through rainwater conservation practice for sloppy degraded lands of Doon Valley. <i>Progressive Horticulture</i> 2012,44 (1)170-173 Rathore, Avinash C; <b>Jayaprakash, J</b> , Dubey, RK; Kumar, Sanjay.               |  |
| 7 | Studies on genetic diversity among different accessions of Babul ( <i>Acacia nilotica</i> Lin. Willd ex del.) in southern India. <i>Indian J. Forestry</i> ,2009 Vol. 32 (2): 211-220. <b>Jayaprakash, J</b> and A C Rathore  |  |
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**Research Projects as PI (On-going)**

Evaluation of Bael and Olive based agro forestry system with soil amendments in Doon Valley.

**Research Projects as PI (Concluded)**

Evaluating the performance and developing techniques for enhancing growth and seed yield of *Jatropha curcas* in degraded lands of sub-humid Himalayas .

Fuelwood and fodder production from densified plantations growing on old river bed land

Hydrological evaluation of recommended forest grasses in Himalayan foothills