

## BRIEF PROFILE



Name of the Scientist	Dr. Nanda C
Designation	Senior Scientist
Personal Information	Date of birth 08/07/1981 Email: c.nanda@icar.org.in Mobile No: 9480343075
Educational Qualification	PhD
Discipline	Genetics and Plant Breeding
Date of joining in ICAR	20 <sup>th</sup> April 2010
Service Particulars	Date of joining - 20th April, 2010 (ICAR-NAARM) Scientist - (2010- 2015, ICAR-CTRI RS, Hunsur) Scientist (Sr.Scale) - 2015-2021 (ICAR-CTRI RS, Hunsur) Senior Scientist - (2021-till date, ICAR-CTRI RS, Hunsur)
Areas of expertise (3 bullets)	<ul style="list-style-type: none"> <li>• Development of improved varieties and hybrids of FCV tobacco</li> <li>• Breeding for disease resistance in FCV tobacco</li> <li>• Germplasm conservation and utilization</li> </ul>
Research Publications (top 10 published in scientific journals with NAAS rating)	<ol style="list-style-type: none"> <li>1. C. Nanda, P. Nagesh, K. Gangadhara, K. Sarala, J.J. Rajappa and M. Sheshu Madhav (2025) Assessment of CMS based Flue Cured Virginia tobacco (<i>Nicotiana tabaccum</i> L.) hybrids for stability of marketable yield traits in light soils of Karnataka. Indian J. Genet. Plant Breed., 85(1):151-158.</li> <li>2. Rao P.V.V., Gangadhara K., Anuradha M., Sarala K., Nanda C., Shashikala K. and Madhav M.S. 2025. Assessment of Flue Cured Virginia tobacco genotype performance in the light soil tobacco growing regions based on GGE biplot and AMMI analysis. Indian J. Genet. Plant Breed., 85(2): 301-307.</li> <li>3. C. Nanda, P. Nagesh, K. Gangadhara, K. Sarala and Sheshu Madhav M. (2024) Allele genes from cytoplasmic sources contributing to yield: A case study in fcv tobacco (<i>Nicotiana tabacum</i> L.). Tobacco Research 50(1): 20-23</li> <li>4. C. Nanda and P. Nagesh (2022) Development and evaluation of fcv tobacco cytoplasmic male sterile lines and their maintainers for yield and yield related traits under KLS. Tobacco Research 48(2): 81-87.</li> <li>5. C. Nanda, P. Nagesh, S. Ramakrishnan, K. Gangadhar, K. Sarala (2022) Heterosis and character association studies in CMS Hybrids of FCV tobacco (<i>Nicotiana tabaccum</i> L.). Emer. Life Sci. Res. 8(2): 104-112</li> <li>6. C. Nanda, K. Sarala, P. Nagesh, S. Ramakrishnan (2021) Heritability and genetic variability studies in the germplasm accessions of flue cured Virginia tobacco (<i>Nicotiana tabaccum</i> L.) Emer. Life Sci. Res. 7(1): 36-39</li> <li>7. C. Nanda, P. Nagesh and S. Ramakrishnan (2021) Performance of CMS based FCV Tobacco Hybrids under Agro-Climatic conditions of Karnataka Light Soils. Tobacco Research 47(2):</li> </ol>

	<p>55-58</p> <ol style="list-style-type: none"> <li>8. C. Nanda and P. Nagesh (2020) Development and Evaluation of advance breeding lines of FCV tobacco (<i>Nicotiana tabaccum</i> .L) under KLS conditions. Tobacco Research <b>46(2)</b>: 58-61)</li> <li>9. Nanda C., Prathibha V.H., Mohan Rao A. , Ramesh S., Shailaja Hittalmani and Sushma Pai (2016) Tagging SSR markers associated with genomic regions controlling anthracnose resistance in chilli. <i>Indian J. Hort.</i> <b>73(3)</b>: 350-355.</li> <li>10. Arpita Srivastava, A.S., Harikrishna, H., Nanda, C., Ramesh, S. and Rao, A.M., 2015. Does higher phenol content really confer resistance to anthracnose disease in chilli?. International J. of Tropical Agri., Vol. 33 (4): 3569-3573</li> </ol>
Awards/ Honours/ Recognitions (in bullets)	<ul style="list-style-type: none"> <li>• Tobacco Institute of India (TII)- Young Scientist 2024</li> <li>• Best Research Paper award, ISGBP 2006</li> <li>• Fellow, Kirkhouse Trust, UK for PhD</li> <li>• University Merit fellowship (PG), 2004-05, University of Agricultural Sciences (UAS), Bengaluru.</li> <li>• ICAR merit scholarship (UG) , 1999-2000, University of Agricultural Sciences (UAS), Bengaluru.</li> </ul>