

BRIEF PROFILE



Name of the Scientist	V. S. Gopal Rao Naidu
Designation	Principal Scientist & Head (KVK)
Personal Information	
	Date of birth: 02-04-1972 Email: VSGR.Naidu@icar.gov.in Telephone No. (O):-- Mobile No: 8790819002
Educational Qualification	M.Sc(Ag), Ph.D (Plant Physiology)
Discipline	Economic Botany
Date of joining in ICAR	15 th April 2002
Service Particulars	Scientist (2002-2008, ICAR-DWR): Sr. Scientist (2008-2012, ICAR-DWR) Sr. Scientist & Head, KVK (2012-2014, ICAR-CTRI) Principal Scientist & Head, KVK (2014 onwards, ICAR-CTRI)
Areas of expertise for consultancy purpose (3 bullets)	• Plant Physiology • Weed Science • Frontline extension
Research Publications (top 10 published in scientific journals with NAAS rating)	1. Naidu V S G R, Ravisankar H, Sandeep Dhagat, Kamala vansi V and Sharma A R. 2015. Knowledge Based System (KBS) for of weed Seed Identification. <i>Indian Journal of Weed Science</i> 47(2): 197 -200 2. Naidu V S G R, Ankita Deriya, Siddharth Naik, Seema Paroha and Khankhane P J. 2014. Water use efficiency and phyto-remediation potential of water hyacinth under elevated CO₂. <i>Indian Journal of Weed Science</i> 46 (3): 274–277. 3. Naidu V S G R. 2013. Invasive potential of C₃-C₄ intermediate <i>Parthenium hysterophorus</i> under elevated CO₂. <i>Indian Journal of Agricultural Sciences</i> 83 (2): 176–179. 4. Naidu V S G R, Ravisankar H, Sandeep Dhagat, Kamalvanshi V and Sharma A R. 2013. Expert system for identification of weed seedlings. <i>Indian Journal of Weed Science</i> 45(4):278 -281. 5. Naidu V S G R and Varshney Jay G. 2011. Interactive effect of elevated CO₂, drought and weed competition on Carbon isotope discrimination (($\Delta^{13}\text{C}$) in wheat leaves. <i>Indian Journal of Agricultural sciences</i>. 81 (11): 1026-1029. 6. Naidu V S G R and Varshney Jay G. 2010. Effect of elevated atmospheric CO₂ on competitive interactions between Soybean and associated weeds (<i>Commelina benghalensis</i> and <i>Euphorbia geniculata</i>). <i>Indian Journal of Ecology</i> 37 (2): 137-140. 7. Naidu V S G R and Seema Paroha. 2008..Growth and biomass Partitioning in two weed species, <i>Parthenium hysterophorus</i> (C₃) and <i>Amaranthus viridis</i> (C₄) under elevated CO₂. <i>Ecology Environment and Conservation</i>, 14 (4): 515-518. 8. Naidu V S G R Panwar J D S and Annapurna K. 2004. Effect of Synthetic Auxins and <i>Azorhizobium caulinodans</i> on Growth and Yield of Rice. <i>Indian</i>

	<i>Journal of Microbiology</i> 44(3): 211-213. 9. Naidu V S G R, Panwar J D S and Annapurna K. 2003. Yield response in rice to Auxin application and inoculation with <i>Azospirillum brasiliense</i>. <i>Indian Journal of Plant Physiology</i> 8(1): 96-98. 10. Naidu V S G R, Panwar J D S and Srivastava G C. 2002. Effect of synthetic auxins and inoculation with <i>Azospirillum brasiliense</i> on nodulation and nitrogen fixation in rice. <i>Indian Journal of Plant Physiology</i> 7(4): 321-323.
Awards/ Honours/ Recognitions (in bullets)	• Fellow of Indian Society of Weed Science-2015 • Best Book Award for the book <i>Hand Book on Weed Identification</i> (Indian Society of Weed Science)-2014 • Rajendra Prasad Puraskar for the book <i>Aushadeeya Kharpatwar</i> (ICAR)-2012 • Best Book Award for the book <i>Aushadeeya Kharpatwar</i> (Indian Society of Weed Science)-2012 • Best Book Award for the book <i>Weed Seed Atlas</i> (Indian Society of Weed Science)-2008. • Best Scientist (2006-7) Award (ICAR-DWR, Jabalpur)-2007. • Sirohi Award for the best research paper published in Indian Journal of Plant Physiology-2003.