

# Brief About Dr. Ranga Rao Ambati

**Ambati Ranga Rao Ph.D.** is a senior scientist and associate professor in the Department of Biotechnology, School of Biotechnology and Pharmaceutical Sciences at Vignan's Foundation for Science, Technology, and Research (Deemed to be University), Andhra Pradesh, India. He is also serving as Director for the Centre of Excellence. He is involved in teaching cum research for graduate and undergraduate students. Recently, he is listed in the Top 2% of the World's Scientists reported by Stanford University, USA for the past five consecutive years.

He worked extensively on process optimization of algal biomass production, the mass culture of various algal species in raceway ponds and photobioreactors, and downstream processing of algal metabolites, and evaluation of their possible nutraceutical applications in *in vitro* and *in vivo* models.

Dr. Ranga Rao worked as lead scientist in Algal Technologies, Carot Labs Pvt. Ltd, India; Postdoctoral Research Associate in Laboratory of Algal Research and Biotechnology, Arizona State University, USA; Visiting Assistant Professor in Food Science and Technology Program, Beijing Normal University and Hong Kong Baptist University, United International College, China; Visiting Senior Research Fellow (Associate Professor Grade) in Institute of Ocean and Earth Sciences, University of Malaya, Malaysia.

*He is the author of more than 100 peer-reviewed publications including research articles, reviews, edited books and book chapters, 80 International/national conferences/symposia/invited talks/FDPs/workshops/QIP-short-term courses, and refresher courses.*

*His research citations exceed 6000 with h-index (27) and i10-index (57) in Google Scholar. He has delivered lectures as invited speaker at international/national conferences/symposia in the United States, Canada, Brazil, Russia, China, Malaysia, Indonesia, and Oman.*

*He has edited Ninve (9) books (CRC Press, Academic Press, Springer Nature, Wiley publishers) as editor and co-editor, namely, Sustainable Global Resources of Seaweeds: Industrial Perspectives-Volume-I; Bioresources, cultivation, trade, and multifarious applications; Sustainable Global Resources of Seaweeds: Industrial Perspectives-Volume II: Food, pharmaceutical and health applications. Handbook of Algal Technologies and Phytochemicals: Volume-I Food, Health, and Nutraceutical Applications; Handbook of Algal Technologies and Phytochemicals: Volume II Phycoremediation, Biofuels, and Global Biomass Production; and Global Perspectives on Astaxanthin: from Industrial Production to Food, Health, and Pharmaceutical Application;*

*He was honored with the award of The World Academy of Sciences(TWAS) as Young Affiliate (2014-2018) by the Regional Office of South East Asia and the Pacific Chinese Academy of Sciences (CAS), China.; His credentials were recognized to induct him as a Young Affiliate of*

*the International Union of Food Science and Technology (IUFoST), Canada at the World Food Science Congress 2014. He is a recipient of the Carl Storm International Diversity Fellowship Award (2010) by Gordon Research Conferences, USA. selected for the Junior Scientist of the Year Award (2015) by National Environmental Science Academy, New Delhi, India and also awarded prestigious national fellowship-Senior Research Fellow (2007) by Indian Council of Medical Research (ICMR), Govt. of India, New Delhi*

He is a lifetime member of the Association of Food Scientists and Technologists of India, the Association of Microbiologists of India, the Society of applied biotechnology of India; the National Environmental Science Academy of India; Asia PGPR Society of Sustainable Agriculture of India, the Global Harmonization Initiative, and Andhra Pradesh Academy of Sciences

He is an associate fellow of the Andhra Pradesh Academy of Sciences (2019) Government of Andhra Pradesh, India, and also a fellow of the Society of Applied Biotechnology (2013), India. He has received research grants and travel grant fellowships as both international and national awards, under Young Scientist schemes. ***He is also serving as an editorial board member, guest editor for special issues, and reviewer for reputed international and national journals.***

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