



## Dr. C. Satyajit Rao

**Educational Qualification:** Ph. D

**Research topic:** “Eco-Physiological Studies on the Productivity of Ectomycorrhizae in Khasi Pine (*Pinus Kesiya* ex. Royle Gordon)”.

**University from which Research is completed:** North Eastern Hill University

**Research Interest:** Mycorrhizae, Bioresources of Meghalaya, Mushroom culture, floriculture, vermicomposting, Medicinal plants

### Publications

#### BOOK

1. Name of the faculty with department: **Dr. C. SATYAJIT RAO**, Department of Botany

Title of the Article: “**Wild orchids of Meghalaya: A pictorial guide**”

Name (s) of the Author(s) : **C.S.Rao** and S.K. Singh

Category of Article/Book: **Book**

Name of the Journal: “**Wild orchids of Meghalaya: A pictorial guide**”

Publisher: **Meghalaya Biodiversity Board, Government of Meghalaya**

ISSN/ISBN: **ISBN: 978-93-83403-09-7**

#### Chapter in Book

2. Name of the faculty with department: **Dr. C. SATYAJIT RAO**, Department of Botany

Title of the Article: **Genetic Diversity Analysis of Rhizobial Symbionts Associated with Legumes of India for Efficient Biological Nitrogen Fixation (BNF) Technology and Natural Soil Fertility**

Name (s) of the Author(s) : Ojha A. , **Rao C.S.**, Tak N., Gehlot H.S. and Rao S.R

Category of Article: **edited Book**

Name of the Journal: **Biology, Biotechnology and Sustainable development, 2015**

Publisher: **Research India publications, B-2/84. Groundfloor, Rohini Sector-16, Delhi-110089, India pp 183-196**

ISSN/ISBN: **ISBN: 978-93-84443-19-1**

#### Research Publication:

3. Name of the faculty with department: **Dr. C. SATYAJIT RAO**, Department of Botany

Title of the Article: **Recollection of *Arundina graminifolia* var. *revoluta* (Orchidaceae) from India.**

Name (s) of the Author(s) : Kumar R., Singh S.K., Sharma S., Verma and **Rao C.S.** 2015

Category of Article: **International journal**

Name of the Journal: **Richardiana**

Publisher: **Richardiana published in French journal, published by the association Tropicalia,**

Quarterly journal dedicated to orchids and published by **Tropicalia**

Richardiana XV-December 2014 pp 128-134

ISSN/ISBN: **ISSN 1626-3596**

**4. Name of the faculty with department: Dr. C. SATYAJIT RAO, Department of Botany**  
Title of the Article: **Notes on *Corybas himalaicus*-a recently collected rare orchid from Meghalaya.**  
Name (s) of the Author(s) : **Rao C.S., Singh, Kumar R. and Langstang W.**  
Category of Article: **National journal**  
Name of the Journal: **NeBIO, An International Journal of Environment and Biodiversity, Quarterly peer reviewed journal, In NeBio, Vol. 4, No.2, April 2013, 34-36**  
Publisher: **RK Sanahanbi (on behalf of NECEER, Imphal), Keishampat Sega Road, Konjeng Hazari Leikai, Imphal -795001, Manipur (INDIA), Email: neceer.imp@gmail.com**  
ISSN/ISBN: **ISSN 2278-2281(ONLINE VERSION); ISSN 0976-3597(PRINT VERSION)**

## **Resource Person**

- Dr. C. S. Rao gave one day training programme on Medicinal Plants for the rural educated youth under Training of Rural Youth for self-employment in Farm based Activities (TREYSEFA) at integrated training centre (IATC) upper Shillong on 14<sup>th</sup> October 2014.
- Dr. C. S. Rao, was a resource person in the workshop “ Implementation of Biodiversity Act and Rules” organized by department of Forests and Environment, Government of Meghalaya and the a Meghalaya Biodiversity Board at Shillong on 19<sup>th</sup> February 2015.
- Dr. C. S. Rao was a resource person in the workshop ‘*Space technology for forest management with special emphasis on forest working plan*’ on 27<sup>th</sup> February, 2015 at North Eastern Space Applications Centre NESAC office premises, Umiam, Meghalaya.

## **Conferences attended:**

- Dr. C. S. Rao, participated in the workshop on “ Census info Software and Data Dissemination of Census 2011” organized by Directorate of census operations, Meghalaya, in collaboration with the department of Statistics, St. Anthony’s College, held on 30<sup>th</sup> July 2014 at St. Anthony’s College, Shillong
- Dr. C. S. Rao, participated in the Meghalaya Philatelic Exhibition 2014 organised by Meghalaya postal division, Shillong at Anton Hall, Shillong from 19<sup>th</sup> to 21 Feb. 2014 under invitee Category. .
- Dr. C. S. Rao, participated in the faculty Development Programme 2014, on Research capability enhancement organized by the research Cell, under the aegis of the IQAC of St. Anthony’s College, Shillong on 23<sup>rd</sup> August 2014.
- Dr. C. S. Rao, presented a research paper on “Plant Bio-resources of Meghalaya and their potential use in horticulture” in the National symposium on “Current trends in research in biotic systems” From June 29-30, 2017, organized Department of Botany, at NEHU, Shillong, Meghalaya
- Dr. C. S. Rao, participated in the workshop on “ Science Academics lecture Workshop” on tropical rain forest resources and their conservation in India, organized by department of Botany, NEHU, Shillong during 27-28 June, 2017.
- Dr. C. S. Rao presented a paper on Agricultural potential of “Sohphlang” (*Flemingia procumbens* Roxb.) an indigenous medicinal plant of Meghalaya in the national seminar on Himalayan Plant diversity: Taxonomy, conservation and sustainable Utilization, organised by Botanical survey of India, ERC, Shillong from 8<sup>th</sup> to 9<sup>th</sup> March 2018.