

# **CURRICULAM VITAE**



## **PERSONAL PROFILE :-**

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NAME:	<b>Dr. RUBY DOLEY</b>
DATE OF BIRTH:	24/09/1988
GENDER:	FEMALE
MARITAL STATUS:	MARRIED
CASTE:	ST(P)
RELIGION:	HINDUISM
NATIONALITY:	INDIAN
HUSBAND'S NAME:	RAHUL RATNAM PATIR
FATHER'S NAME:	TANKESWAR DOLEY
MOTHER'S NAME:	NRIBENI DOLEY
HUSBAND'S DESIGNATION:	NEW INDIA ASSURANCE (Deputy Manager)
FATHER'S DESIGNATION:	RETIRED SBI CHIEF MANAGER
MOTHER'S OCCUPATION:	HOUSE WIFE

## **PERMANENT ADDRESS :-**

C/O, PRABHAT CHANDRA PATIR

GMC H.No.-3, SONAIGHULI, NEAR SONOWAL BAITHOW THAN

P.O. SAWKUCHI

GUWAHATI- 781040, ASSAM

## **PRESENT ADDRESS:-**

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GUWAHATI- 781040, ASSAM

## **ACADEMIC PROFILE :- M.Sc (BOTANY), M.Phil , Ph.D., SLET, NET.**

➤ **M.Sc. (Botany), specialization in Angiosperm Taxonomy.**

➤ **M. Phil. in Botany**

Thesis Title: “Ethnobotanical studies on Garbhanga area Kamrup (Rural)”

Guide: Prof. Nilakshee Devi, Gauhati University

➤ **Ph.D. in Botany**

Thesis Title: “Degradation of Aromatic Hydrocarbons by Native Bacterial Species”

Guide: Dr. Manoj Barthakur, Associate Professor, B.Borooah College.

Under Gauhati University

➤ **Qualified State Level Eligibility Test for Lectureship (SLET) in Lifesciences, 2014.**

➤ **Qualified National Eligibility Test (NET) for Lectureship in Lifesciences, 2016.**

## **AREAS OF INTEREST:-**

- ANGIOSPERM TAXONOMY
- MICROBIOLOGY AND PLANT PATHOLOGY
- BIODEGRADATION OF ENVIRONMENTAL POLLUTANTS WITH SPECIAL REFERENCE TO AROMATIC HYDROCARBONS
- ECOLOGY

## **PUBLICATION OF PAPERS:**

### **Research Papers:**

1. Doley, R., Barthakur, M. (2018). **Biotransformation of aromatic hydrocarbon: Naphthalene to Aliphatic Hydrocarbons through *Staphylococcus pasteuri* RD2.** *Annals of Plant Sciences* 7.5 (2018) pp. 2247-2250. [UGC-Care list (as on 28<sup>th</sup> December, 2017 till 2018)]  
doi:[https://www.researchgate.net/publication/324905239\\_Biotransformation\\_of\\_aromatic\\_hydrocarbon\\_Naphthalene\\_to\\_Aliphatic\\_Hydrocarbons\\_through\\_Staphylococcus\\_pasteuri\\_RD2](https://www.researchgate.net/publication/324905239_Biotransformation_of_aromatic_hydrocarbon_Naphthalene_to_Aliphatic_Hydrocarbons_through_Staphylococcus_pasteuri_RD2)
2. Doley, R., Barthakur, M. (2020). **Microbial degradation of naphthalene through *Bacillus cereus* RD6 isolated from refinery oil sludge.** *Pollution Research*. **39**: S166-S172.  
[SCOPUS].doi:[http://www.envirobiotechjournals.com/article\\_abstract.php?aid=10868&iid=319&jid=4](http://www.envirobiotechjournals.com/article_abstract.php?aid=10868&iid=319&jid=4)
3. Doley, R., Barthakur, M. (2023). **Microbial degradation of Toluene and Xylene by a newly isolated native bacterial strain *Bacillus subtilis* RD20.** *Indian Journal of Environmental Protection*. [SCOPUS].  
DOI: <https://doi.org/10.21203/rs.3.rs-1974378/v1>

## **SEMINAR PAPER PRESENTATIONS:**

**International: 02; National: 0; Regional: 01**

- 1. Presented paper on “Naphthalene biodegradation by *Staphylococcus pasteurii* RD2 strain isolated from oil contaminated soil” in XI International Geographical Union Commission Seminar-Focal theme: Environment and Sustainable Livelihood, organized by Department of Geography, B.Borooah College during 8-10 February, 2018.**
- 2. Presented paper on “Xylene biodegradation by *Nocardiopsis alba* RD3 strain” in the Regional Seminar on Science for Sustainable Development (SSD-2019) organized by Dept. of Chemistry, B.Borooah College in association with Assam Science Technology and Environment Council, Dept. of Science & Technology, Govt.of Assam on 09/01/2019.**
- 3. Poster presented on “Biotransformation of Naphthalene to Aliphatic hydrocarbons through *Bacillus cereus* RD6” in Assam Botany Congress (ABC-01) and International Conference on Plant Science held in the Department of Botany, Gauhati University and Department of Botany, Cotton University during 4-6 February, 2019.**

## **Book Chapters:**

- 1. Chapter 34, “Microbial Degradation of Monoaromatic Hydrocarbon, Toluene through *Nocardiopsis alba*” *Bioluminescence: Annual Biological Communication, Vol. I (2020)*. ISBN: 9789388881906 (355-364).**
- 2. Chapter 35, “Microbial Transformation of Aromatic Hydrocarbon, Naphthalene to medium and long chain hydrocarbons through *Staphylococcus pasteurii*” *Bioluminescence: Annual Biological Communication, Vol. I (2020)*. ISBN: 9789388881906 (365-373).**

3. Chapter 10, “A review on microbial degradation of xylene” in *Advances in Scientific Approach for Sustainable Development*, 1<sup>st</sup> edition (2021). ISBN: 978-93-91538-67-5.

### **Workshop attended:**

- 3-Days Online Foundation Course on “Biostatistics in R”, organized by Department of Botany, Gauhati University, held from 1/06/2020 to 3/06/2020.
- 1 Week workshop on “Skill development and Career opportunities’ in Biological Sciences”, organized by department of Botany and Zoology, B.Borooah College, Guwahati, held from 19/07/2021 to 24/07/2021.

### **Orientation Programme:**

- Participated in the UGC sponsored 130<sup>th</sup> Orientation Course organized by HRDC, Pondicherry University held from 20/11/2019 to 10/12/2019.

### **Faculty Development Programme/Short Term Course:**

- 2 Weeks Online Faculty Development Programme on “Research Methodology” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, from 1/10/2020 to 15/10/2020.

### **Refresher courses:**

- 2 Weeks Online Refresher Course in “Life Sciences” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, in collaboration with Miranda House, University of Delhi from 1/09/2021 to 15/09/2021.
- 2 Weeks Online Refresher Course in “Life Sciences” organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Education, Malaviya Mission Teacher Training Programme, from 28/02/2024 to 13/03/2024.

**PRESENT STATUS:-**

- Working as an Assistant Professor in the Department of Botany, North Gauhati College, Guwahati-78103, from 11/04/2018 till date.
- Working as Head of the Department, Botany, North Gauhati College, Guwahati-78103, from 01/09/2021 till date.

**DECLARATION**

**I vouch for the authentication of the above mentioned facts.**

**Place: Guwahati**

**Date:**

**(DR. RUBY DOLEY)**