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## Debayan Dilip Baidya, BS., MSc.

*Career Objectives:* To pursue a career in research and development (R&D) and use my optimum intellectuality to come up with a solution of a given task, beneficial to work as well as an asset of personal experience in the fields of Academics, Research in fields of Molecular Diagnostics, Protein Engineering, Molecular Pathology and Paramedical Sciences.

### Work Experience:

(7.8 Years)

- September 2016- Till* **Lecturer (Teaching Assistantship)**  
*Date* **Emp:3075/9003/9029**  
**Charotar Institute of Paramedical Science (CIPS)**  
**Charotar University of Science and Technology (CHARUSAT), Changa**  
*In the tenure of the job the principle work is manage, teach, examine and evaluate the curriculum of Biological Sciences in Paramedical Sciences. Basically held in-charge for Molecular Diagnostics & Applied Genetics and Human Cytogenetics, Clinical Biochemistry & Metabolic Engineering in MSc. MLT, Medical Microbiology & Clinical Biochemistry in BMIT & BOTAT courses, Pediatric Genetics in Advance Nursing Practices for MSc Nursing and Clinical Biochemistry in B. Physiotherapy, Other Courses like Ocular Biochemistry and Nutrition for Optometry Department.*
- February 2015- March 2016* **Scientific Officer (Scientist B)**  
**Department of Molecular Genetics, Human Molecular Diagnostic Centre- Mehsana- Gujarat**  
*Prime responsibility to validate the protocols for molecular markers used for the detection of disorders related to Prenatal Diagnosis, 21X trisomy, Fetal Alcohol Syndrome, hemoglobinopathies and other genetic disorders.*
- June 2013- February 2015* **Junior Research Fellow**  
**GSBTM FAP Project Code: GSBTM/PROJECT/SSA/3930/2013**  
**Ashok and Rita Patel Institute of Integrated Study and Research in Allied Sciences- Sardar Patel University- Vallabh Vidyanagar, Anand.**  
  
**Project Title:** *Isolation and Characterization of Rhizosphere competent Indigenous Phosphate Solubilizing Bacteria (PSB) for Efficient Biofertilizer Application.*
- December 2012-March 2013* **Assistant Professor (Ad-Hoc)**  
**Department of Biotechnology, Genetics & Bioinformatics**  
**N.V. Patel College of Pure & Applied Sciences, Vallabh Vidyanagar, Anand-388021- Sardar Patel University.**  
*(0.4 years)*

## Research Publications:

- July 2014 Anamika Jha, Sanjay Jha, **Debayan Baidya**: " Ecological Diversity, Mechanism & Biotechnology for Phosphate Solubilizing bacteria for Enhanced Crop Growth. 07/2014: Pages 157-174, ISBN 978-3-319-08215-8, Springer International Switzerland. (Published)
- July 2020 Kajal Patel, **Debayan Baidya**, Kirankumar Patel: "Antifungal Activity Analysis of Economically Important Plants, 1-57,07/2020, ISBN: 978-3659896903, LAP Lambert Academic Publishing (14 July 2020)

## Educational Qualifications:

- 2010-2012 **Master of Science (M.Sc.) (Honour's in Genetics)**  
PG. Department of Genetics : ARIBAS-CVM  
Sardar Patel University
- 2007-2010 **Bachelors of Engineering and Bachelor of Science (BS) (Honour's in Medical Microbiology and Bacteriology)**  
Savitribai Phule Pune University

## Awards, Certification & Fellowships:

- June 2013- **Junior Research Fellowship**
- February 2015 **Gujarat State Biotechnology Mission: Financial Assistance Program**

## Membership:

- 2019 **Member of American Chemical Society, Indian Chapter (ACS)**
- 2018 **Member of geniticeducation.co.in**
- 2016 **Member of DNA Foundation, Ahmedabad**

## Official Administrative Roles:

- 2018 **Coordinator (Competitive Examination Preparation Cell, CEPC-CIPS)**
- 2020 **Institute Representative- Career Guidance & Higher Studies (CGHS) of Career Development & Placement Cell (CDPC)**

## Technical Skills:

- Molecular Biology & Genetic Engineering* cDNA cloning and library preparation, transformation, Vector Designing, Primer Designing, Molecular Markers, Insilico SNP analysis and Computational Biology.
- Protein Engineering* Purification and Characterization of Proteins (Cloning and Surface Protein Extraction and Analysis)
- Cytogenetics & Diagnostics* Peripheral Blood Lymphocyte Culture; Karyotyping, Amniocentesis, Chorionic Villi culture, FISH, GISH,GTG, NOR, R & G Banding.
- Microbiology:* Isolation & Characterization of microbes from any source of sample (Soil, water & Probiotic Samples). Handling maintenance and management of Infectious Microbes. Formulation of Bio-Fertilizer inoculants and biocontrol agents from rhizospheric samples. Management of Pathogens.

## Skills & Activities:

<i>Interests</i>	Indoor	Sports, Cooking, Painting, Reading, Writing.
	Outdoor	Adventure Sports, Photography, Travelling.
<i>Languages Known</i>	Bangla	Native Mother Tongue
	English	Full Bilingual Proficiency
	Hindi	Full Bilingual Proficiency (National Language)
	Gujarati	Full Bilingual Proficiency (State Language)
	German	Elementary Proficiency

## Conferences, Workshops, Proceedings: (Latest\*)

15 November 2019	ACS-DST Workshop, CSMCRI- Bhavnagar
14 <sup>th</sup> -18 <sup>th</sup> October 2019	Hands on Training on Cell Culture and Molecular Biology Techniques, RPCP-GUJCOST, CHARUSAT-Changa
25 <sup>th</sup> - 27 <sup>th</sup> September 2019	Molmed 2019, CHARUSAT- Changa

## Personal Details:

<i>Name</i>	Debayan Dilip Baidya
<i>Father's Name</i>	Shri Dilip Sitalchandra Baidya
<i>DOB</i>	7 <sup>th</sup> March 1990
<i>Marital Status</i>	Unmarried
<i>Citizen Passport</i>	India
<i>Permanent Address</i>	"Ram Niwas"- Amulya, 1-Kalicharan Ghosh Road, Kolkata-700050, West Bengal, India.

- ✓ I hereby declare that the information given herewith are correct to my knowledge
- ✓ Reference, recommendations and testimonials can be provided on request.

*Date:* 21<sup>st</sup> December 2020  
*Place:* Changa



(Signature)