

# Kakali Borah

## PERSONAL DATA

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DATE OF BIRTH: 31-01-1993  
ADDRESS: Sipajhar, Darrang Dist, Assam-784145, India  
PHONE: 7576013306  
EMAIL: [b.kakali@iitg.ac.in](mailto:b.kakali@iitg.ac.in), [kakaliborah2016@gmail.com](mailto:kakaliborah2016@gmail.com)

## CAREER OBJECTIVE

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To continue my career with an organization that will effectively utilize my skills, experience and opportunity to work with a team for betterment in future that provides a promising career progression.

## EDUCATION

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JULY 2019-CURRENT	PhD ENERGY, <b>Indian Institute Of Technology</b> , Guwahati Supervisor: Prof. Vaibhav V. GOUD GPA: 8.50/10
MAY 2017-19	M.Sc. LIFE SCIENCE, <b>National Institute Of Technology</b> , Rourkela Specialization: Zoology Advisor: Dr. Surajit DAS GPA: 8.32/10
JULY 2014-17	B.Sc. ZOOLOGY, <b>Mangaldai College under Gauhati University</b> , GPA: 8.8/10
CLASS 12 (MAY 2011-13)	Intermediate in SCIENCE, <b>Ranjit Sarma Academy Jr College</b> PERCENTAGE: 80.40/100
CLASS 10 (MAY2009)	HSLC , <b>Jatiya Vidyalaya, Sipajhar</b> PERCENTAGE: 78.00/100

## PROJECTS

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AEROBIC DENITRIFICATION USING RHODOCOCCUS SP.	JANUARY- APRIL, 2019 Reduction of Nitrate to Nitrite by using aerobic denitrificant Rhodococcus rhodochrous CTI-14
PRETREATMENT ON SUGARCANE LEAF TOP	MAY- JULY, 2018 Comparing various pretreatment method for production of bioethanol

## TECHNICAL SKILLS

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General Programming:	Basic C Programming, Latex
Other Software:	MS Office, MS Excel, MS Word, Mendeley
Instrumental:	UV-Vis spectroscopy, FESEM, TGA, HPLC, Supercritical CO2 Extractor, Soxhlet extraction apparatus, Bomb Calorimeter

## SOFT SKILLS

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Confident and Determined  
Leadership  
Hardworking  
Ability to cope up with high pressure situations  
Teamwork

## PUBLICATIONS

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KAKALI BORAH, SUKUMAR PUROHIT, VAIBHAV V. GOUD, "IN-SITU EXTRACTION OF CAROTENOID FROM PASSION FRUIT PEEL TO IMPROVE QUALITY OF VEGETABLE OIL" 2021 BREECH INTERNATIONAL CONFERENCE ON BIOTECHNOLOGY FOR RESOURCE EFFICIENCY, ENERGY, ENVIRONMENT, CHEMICALS AND HEALTH, CSIR-IIP, DEHRADUN, INDIA, 2021, (ACCEPTED)

## WORKSHOP

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FEBRUARY 2021	INTELLECTUAL PROPERTY RIGHTS FOR ACADEMIC AND RESEARCH INSTITUTIONS TEQIP sponsored short term course Department of Mechanical Engineering, IIT Guwahati
OCTOBER 2021	LATEX WORKSHOP Research Scholar Forum (RSF) Mathematics, IIT Guwahati

## ACCOMPLISHMENTS

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2020	Prime Minister Research Fellow (PMRF)
2020	Certified for Presenting - Poster and attending - Summer School organised by- ESPRC North East Centre for Energy Materials
2020	Certified for Participation - State level e-poster competition organised by- Science Forum DCB Girls' College, Jorhat

## EXTRA CURRICULAR ACTIVITIES

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MYSTIQUE CLUB	<i>Member 2017-2018</i> Member in fashionista in NITRUTSAV
SOCIAL WORK	<i>Volunteer 2018</i> Active Volunteer in Mass Walk for Unity and Health

## INTERESTS AND ACTIVITIES

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Interests: Studying Novels and Story Books  
Activities: Dancing and Modelling  
Hobbies: Cooking and Travelling

## DECLARATIONS

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I HEREBY DECLARE THAT THE INFORMATION PROVIDED ABOVE ARE TRUE TO BEST OF MY KNOWLEDGE AND BELIEF.

KAKALI BORAH

03-11-2021