

Pranaya Pravin Ghate

Department of Chemical and Environmental Engineering
University of California, Riverside

pghat002@ucr.edu

Educational Qualifications

Examination	Institution	Remarks
Preliminary Exam (June 2021)	University of California, Riverside	Qualified
Fall 2020	University of California, Riverside	3.63
Winter 2021	University of California, Riverside	3.67
Spring 2021	University of California, Riverside	3.80

Educational Qualifications(Undergraduate)

B. Oil. Tech., Institute of Chemical Technology, Mumbai, Maharashtra Graduated May 2020)							
Semester	Year	SGPA	CGPA	Semester	Year	SGPA	CGPA
I	2016	8.41	8.41	V	2018	8.61	8.02
II	2017	6.93	7.67	VI	2019	9.11	8.24
III	2017	8.04	7.80	VII	2019	9.46	8.43
IV	2018	8.07	7.87	VIII	2020	9.17	8.55

Research Projects (certificates verified)

1st Year : Undergraduate Research intern at IIT Bombay(Prof. Juvekar) May 2017-June 2017

- Worked on tyre-Sealant Project
- Different Oil-solvent system through Spinning Drop Tensiometer for Reliance Project.

2nd Year : Undergraduate Research intern at BARC in collaboration with ICT May 2018-June 2018

- ‘Amphiphilic self-assembly in supercooled sugar, Carbohydrate, amine ,surfactant system stability and miscelle formation studies

3rd year : Undergraduate Research in ICT under Prof.Ghosh Dec 2018- Present

- Brominated Vegetable oil and separation of individual fatty acids from mixture emulsifier System.

3rd year: In-Plant Trainee at Croda India Ltd May 2019-August 2019

- Work on production , synthesis and application of Rhamnolipid Biosurfactant. And study on Water dispersible Granules (WDG) and Soluble Granules (SG) in Crop Care industry.

Conferences and Competitions (certificates verified)

- SCHEMCON, Students’ Chemical Engineering Congress, an annual event organized by the Students’ Chapter of Indian Institute of Chemical Engineers (IChE) in October 2018
- The Home and Personal Care Ingredients(HPCI) Feb 2019 Conference India event in India ,focused on raw materials and techniques for the formulation of cosmetic and cleaning products.
- 3rd ICIS Indian Surfactants Conference : future of surfactants and industry-focused sessions highlighting the market scenarios in personal care, home and industrial and agrochemicals sector.
- Winner of Poster presentation in VORTEX 7.0 on “volatile organic compounds VOC’s curing by Photocatalytic Oxidation (PCO) as a emerging air purification technology.

Worked in Croda Pvt. Ltd. , Mumbai (R& D) from June to Oct 2020 to support surfactant industry bloom amidst pandemic

Positions of Responsibilities (certificates verified)

- Vortex Manifesto-Poster Presentation competition Event Head
- Hospitality Head for cultural fest-Manzar13.0
- Volunteer and coordinator for Creatives in VORTEX, MANZAR, ICT MARATHON of ICT
- Core member under Creatives Department for TEDx Kharghar MAY-2018
- Organizing Department Fest for October -2018
- In-Plant Training Coordinator for year 2019 for Oils Branch.

Extra-Curricular (certificates verified)

- Part of Volleyball team representing school, college and present institute.
- Abacus Champion for two consecutive year 2011-12
- Kathak Dancer (madhyam purna)
- Passed Intermediate and Elementary Grade examinations.
- Marathon participant and shotput player .

Computer Knowledge MS Word, Excel ,Power Point, C++,visual basics, HTML, C programming, Matlab, Python , R Programming, Photoshop, Origin

Skills : L-B trough, Pendant Drop Tensiometer, Cleanroom equipment E-beam deposition.