

DHARINI VARADHARAJAN

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EDUCATIONAL BACKGROUND

Purdue University, West Lafayette, Indiana

PHD IN CHEMICAL ENGINEERING

- Spring 2021 - Present
- Focusing on Radical Perovskites
- Co-Advised by Prof. Letian Dou and Prof. Bryan Boudouris

Alagappa College of Technology, Anna University, Chennai

B.TECH. IN CHEMICAL ENGINEERING

- Graduated in November 2020
- First Class with Distinction

CERTIFICATIONS

- Global Initiative of Academic Networks (GIAN) course on 'Nanoporous Materials in Catalysis - Fundamentals and Applications' by Dr. P. Selvam, IIT-Madras and Prof. M. Anderson, The University of Manchester, 2018

LANGUAGES

- Fluent in Tamil and English
- Level 1 Proficiency in French

HOBBIES

- Studying Butterflies
- Painting
- Hiking

INDUSTRIAL AND RESEARCH EXPOSURE

Synthesis and Characterization of Metal Organic Frameworks

PROJECT WORK

- Period : July 2019 - February 2020
- Experimenting with alternate solvents specifically Cyrene in place of the conventional DMF
- Funded by the Centre for Technology Development and Transfer (CTDT), Anna University

ICAR - Sugarcane Breeding Institute, Coimbatore

INTERNSHIP

- Period : 22 April - 21 May, 2019
- Assisted Research Fellows
- Familiarized with the use of HPLC, Lyophilizer, Spray Dryer and Laminar Air Flow chamber
- Focused on techniques of Tissue Culture

Fertilisers And Chemicals Travancore Limited, Udyogamandal

INTERNSHIP

- Period : 25 May - 23 June, 2018
- Gained insight into the operation of both petrochemical (Caprolactam) and fertilizer (FACTAMFOS) plants along with various plant utilities.

Global Creators - Manufacturers of Packaged Drinking Water, Coimbatore

INPLANT TRAINING

- Period : 10 - 16 May, 2017
- Observed and learned the protocol for the testing, treatment and distribution of drinking water.