

Curriculum Vitae



Personal information

Name	Prashant Pushker
Permanent Address	J-775, 11 th Avenue, Gaur City 2 Greater Noida - 201309
Phone	+91 9643923659
E-mail(s)	prashantpushker@gmail.com
Nationality	Indian
Date of birth	02/07/1988

Work Experience

Dates	06/07/2018-
Title	Process Engineer
Activities	Full time job at Adani Wilmar Ltd. (Hazira, Gujarat)
Responsibilities	Processing of edible oils involving Soybean, Sunflower and Palm oil. Working out energy and mass balancing activities. Carrying out GMP works involving plant maintenance and food safety practices. Maintenance of process records. Leading and managing a team of DCS operators and field operators in a shift.
Dates	10/05/2016-10/11/2016
Activities	Master's Thesis (Hamburg University of Technology, Hamburg, Germany)
Title	Comparison of flowability of food powders by measurements with ring shear tester
Dates	15/11/2015-28/04/2016
Assignment	Project Work (Hamburg University of Technology, Hamburg, Germany)
Title	Effect of Cocoa ingredients on water properties

Dates 29/02/2016-21/03/2016
Assignment Project Work (Hamburg University of Technology & Raffinerie Heide in Schleswig-Holstein, Germany)
Title Design of a refinery for the separation of 1400 t/d BTX (Benzene, Toluene, Xylene) including flue gas treatment
Activities Estimation of plant capital cost, operational cost and profitability calculation

Dates 15/08/2015-31/01/2016
Position Student research assistant
Employer Institute of Solids Process Engineering and Particle Technology (Hamburg University of Technology, Hamburg, Germany)
Activities Spray Drying of food powders, Physical characterization of food powders including surface tension and contact angle measurements

Dates 01/09/2014-30/11/2014
Position Student research assistant
Employer Institute of Thermal and Separation Processes (Hamburg University of Technology, Hamburg, Germany)
Activities Separation of enantiomers using Super-critical Fluid Chromatography, Preparation of columns for different chromatographic purposes

Dates 1/1/2012 - 8/6/2012
Activities Bachelor's Thesis (Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad)
Title Isolation and identification of bacteria from oil cakes of neem (*Azadirachta Indica*) and Jatropha

Education and Training

Dates 01/10/2013-24/02/2017
Title of qualification awarded Master of Science (Chemical and Bioprocess Engineering)
Principal subjects covered Process Systems engineering, Unit Operations, Particle Technology
Name and type of organization providing education and training Hamburg University of Technology, Hamburg

Dates	22/07/2008 - 08/06/2012
Title of qualification awarded	Bachelor of Technology(Biotechnology)
Principal subjects covered	Biotechnology, Molecular Biology
Name and type of organization providing education and training	Sam Higginbottom Institute of Agriculture, Technology and Sciences, Allahabad
Title of qualification awarded	Certificate of training
Principal subjects / occupational skills covered	Extraction of 'Vitamin D receptor' gene in bacterial chromosome.
Name and type of organization providing education and training	Sanjay Gandhi Post Graduate Institute of Medical Sciences, Lucknow
Dates	01/06/2009 - 30/06/2009
Title of qualification awarded	Certificate of training
Principal subjects / occupational skills covered	Techniques on DNA and RNA extraction, HPLC and bacterial culture.
Name and type of organization providing education and training	Orbit Biotech Pvt. Ltd., Mohali
Dates	01/07/2006 - 03/07/2007
Title of qualification awarded	All India Senior School Certificate Examination
Principal subjects	English, Psychology, Physics, Chemistry and Biology
Name and type of organization providing education and training	Central Board of Secondary Education (India)
Dates	01/07/2004 - 14/10/2005
Title of qualification awarded	All India Secondary School Examination
Principal subjects	English, Sanskrit, Mathematics, Science and Technology, Social Science
Name and type of organization providing education and training	Central Board of Secondary Education (India)

Skills

Technical skills	Energy and mass balance, Unit Operations
Software skills	Aspen Plus
Computer skills	MS-Office

Personal skills and competences

Mother tongue	Hindi
Other language	English, German (A2 level)

Organizational skills and competences Appointed as the Executive Member of Society of Biotechnology in second year of bachelor.

Awards Successfully completed certificate course on “CII Certificate Course on Energy Efficiency for Young Professionals” in June 2020.

Certificate of Merit awarded by the 'Society of Microbiology' on securing 2nd position in the quiz, in 2011.

Certificate of Merit awarded by the Cambridge School on securing 2nd position in the inter-school science exhibition in model making, in 2006.

Hobbies Playing Guitar