

ANCHAL KUMAR GUPTA

ACADEMIC PROFILE

Degree/Certificate	Institution						Percentage/CGPA	Year
M-Tech (Chemical Engineering)	Chemical Engineering IIT (BHU), Varanasi						8.80	2020
Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII	Sem VIII	
8.26	9.44	-	-	-	-	-	-	
B.E. in Chemical Engineering	M.I.T.S. Gwalior M.P.						6.95	2017
M.P.B.S.E. Bhopal (XII)	K.P.A. Hr. Sec. School Jaitwara Distt. Satna						91.40	2013
M.P.B.S.E. Bhopal (X)	K.P.A. Hr. Sec. School Jaitwara Distt. Satna						88.00	2011

SKILLS

MATLAB

Having a Basic Knowledge of MATLAB Simulation

CHEMCAD

Familiar with process simulation in CHEMCAD

Microsoft Office

Word, Power Point, Excel

Solved my project problems with the help of Excel in my undergraduate course.

INTERNSHIP/TRAINING

Industrial Training at IOCL, Mathura

June 15, 2016 - July 14, 2016

Industrial training of the refinery and overview of the production of various petroleum products.

During the training I visited the following units:

- AVU (Atmospheric Vacuum Distillation Unit)
- FCCU (Fluid Catalytic Cracking Unit)
- CCRU (Continuous Catalyst Regeneration Unit)
- MEROX Unit
- OM & S (Oil movement and storage)
- Quality control and Laboratory

And understand the manufacturing process of fuel products.

PROJECTS

Design of Hierarchical Zeolites

2019 - 2020

Hierarchical Zeolites by Desilication: Occurrence and Catalytic Impact of Recrystallization and Restructuring

Synthesis of Poly Methyl Methacrylate using Emulsion Polymerization

2016-2017

The synthesis of Polymethyl Methacrylate was done by batch emulsion polymerization with Methyl Methacrylate as the monomer, potassium persulfate as the initiator, sodium Oleate as the emulsifier and distilled water as a medium.

Double Pipe Heat Exchanger Design with Simulation

Jan 2015 - May 2015

Simulation with DHEX 2.1

About DHEX is a software tool that is made to demonstrate the chemical design calculations of Double Pipe Heat Exchangers.

CERTIFIED COURSES

ASPEN PLUS

March 2015

Attended a workshop on "Process Simulation using ASPEN PLUS" organized by Azeotropy 2015, Chemical Engineering Association, IIT Bombay.

HONOURS AND ACHIEVEMENTS

GATE Qualified

2018

Secured AIR- 704 in GATE 2018 with Chemical Engineering (CH) stream

Awarded by Merit Certificate

2013

Awarded by Merit Certificate by honorable Chief Minister of Madhya Pradesh Mr. Shivraj Singh Chauhan in the (10+2) Exam.

Higher Secondary Examination

2013

Appears in the "top one percent students achieving the maximum marks" in Hr. Sec. Examination 2013 by "DST GOI NEW DELHI"

EXTRA-CURRICULAR ACTIVITIES**National Service Scheme (NSS)**

2011 - 2013

NSS awarded me an "A" grade certificate of volunteerism for 120 hrs.

Volunteered the National Seminar on "Waste Water Treatment"

2016

Participated in the seminar title "Recent Trends in Waste Water Treatment" as volunteer organized by the Department of Chemical Engineering, MITS Gwalior M.P.

T: 8989469026 **E:** ak27.cp@gmail.com **Address:** Ward No. 08, Hanuman Chowk, Jaitwara, Distt. Satna M.P.