

Thesis Title

Wellbore Stability and Design of
Safe Wellbore Stability in
Geomechanics (Tentative)

Enrollment

Full time
July 2019

Supervisor/s

Dr. Jwngsar Brahma

Mohatsim Mahetaji

E-mail

mohatsim.mphd19@sot.pdpu.ac.in

Current Affiliation

Research Scholar, PDEU



Thesis Title

Modelling of Glacial Lake Outburst
Flood (GLOF) through Remote Sensing
Data (Tentative)

Enrollment

Full time
January 2020

Supervisor/s

Dr. Poonam Mishra

Shivang Mishra

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shivang.mphd20@sot.pdpu.ac.in

Current Affiliation

Research Scholar, PDEU



Thesis Title

Mathematical Modeling and
Simulation for Petroleum Reservoir
(Tentative)

Enrollment

Full time
December 2020

Supervisor/s

Dr. Jwngsar Brahma

Vishal Chauhan

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Mathematical Modeling &
Simulation of Calcium Distribution
in Nerve Cells
Under Neuronal Disorder

Enrollment

Full time
January 2021

Supervisor/s

Supervisor 1 : Dr. Brajesh Jha
Supervisor 2 : Prof. T. P. Singh

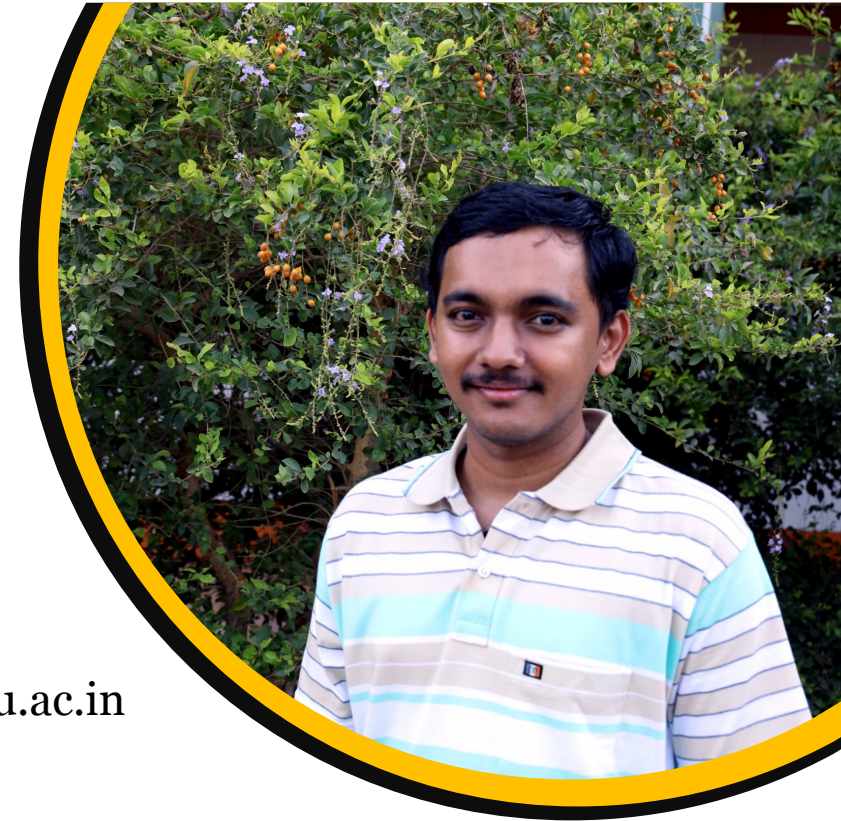
Hardagna Vora

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Applied Mathematics in
Environmental Science (Tentative)

Enrollment

Full time
September 2021

Supervisor/s

Supervisor 1 : Dr. Dishant Pandya
Supervisor 2 : Dr. Manan Shah
(Department of Chemical Engineering)

Praharsh Patel

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praharsh.pphd21@sot.pdpu.ac.in

Current Affiliation

Research Scholar, PDEU



Thesis Title

A computational study of non-Newtonian fluid by Chebyshev spectral method (Tentative)

Enrollment

Full time
September 2021

Supervisor/s

Dr. M. D. Ansari

Touseef Fayaz

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Mathematical modeling and analysis of carbon capture through absorption in Rotating Packed Bed (Tentative)

Enrollment

Full time
September 2021

Supervisor/s

Supervisor 1 : Dr. Poonam Mishra
Supervisor 2 : Dr. Sukanta Dash
(Department of Chemical Engineering)

Chetna Shukla

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Computational Models to Analyze
the Similarity of Cancerous DNA
Sequences (Tentative)

Enrollment

Full time
October 2021

Supervisor/s

Dr. Brajesh Jha

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Kalal

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Modeling and Simulation of
Calcium Distribution in Nerve
Cells under Fuzzy Environment
(Tentative)

Enrollment

Full time
October 2021

Supervisor/s

Dr. Brajesh Jha

Rituparna Bhattacharya

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rituparna.bphd21@sot.pdpu.ac.in

Current Affiliation

Research Scholar, PDEU



Thesis Title

Boundary Element Methods for
Fluid Flow Problems (Tentative)

Enrollment

Full time
October 2021

Supervisor/s

Supervisor 1 : Dr. C. S. Nishad
Supervisor 2 : Dr. Manoj Sahni

Vishal

CSIR UGC NET
(Nov 2020, AIR – 72),
GATE
(Feb 2021, AIR – 1552)

E-mail

vishal.cphd21@sot.pdpu.ac.in

Current Affiliation

Research Scholar, PDEU



Thesis Title

Investigating the role of climate modes on changing the tropical Indian ocean variability (Tentative)

Enrollment

Full time
October 2021

Supervisor/s

Dr. Bhasha Vachharajani

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Current Affiliation

Research Scholar, PDEU



Thesis Title

Applied Mathematics in
Environmental Science
(Tentative)

Enrollment

Full time
September 2022

Supervisor/s

Supervisor 1 : Dr. Dishant Pandya
Supervisor 2 : Dr. Manan Shah
(Department of Chemical Engineering)

Sajeed Ghanchi

NPTEL Certification Course
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October 2021)

CSIR UGC NET
(Nov 2021 – AIR – 82),
(Nov 2020 – AIR – 84),
(Nov 2019 – AIR – 62),

GATE
(Feb 2019 – AIR – 1120),

GSET
(Nov 2022, Dec 2019, Sept 2018)

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