

Laxank Purohit (B.Tech+M.Tech)-IIT-BHU

6 years of Research experience in Chemistry and Metallurgy.

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Residence: Kandivali, Mumbai

Area of expertise: Chemistry.

Objective: To transfer knowledge, understanding and approach towards Chemistry to students of various calibre. The goal is to make students understand logic and philosophy behind chemistry in order to enhance their problem solving ability with special focus on training for competitive exams like NEET and IIT-JEE. Larger teaching philosophy includes making Chemistry student friendly subject.

Achievements- IIT-JEE rank 2007- 4096, AIEEE State rank 2007- 286, GATE 2012 rank- 202,

GRE score (Sept 2016)- 330/340, TOEFL score (Sept 2016) - 103/120.

Education:

Degree	Marks	Institute/School/Place
B.Tech+M.Tech Dual Degree (2007-2012)- Material Science And Technology	8.08/10	Indian Institute of Technology, BHU, Varanasi
12 th (2007), HSC, Maharashtra Board.	77%	National College, Mumbai
10 th (2005) SSC, Maharashtra board	84%	St Joseph's High School, Malad, Mumbai

Work Experience:

1) Junior Research Scientist, Gegadyne Energy, Mumbai. (April 2018-Sept 2018)

Used various Chemistries for fast charging batteries.

2) Junior Research Fellow at Center for Materials for Electronic Technology (CMET) Pune (March 2017- March 2018)

DEVELOPMENT OF VARIOUS ELECTROCHEMICAL STRATEGIES FOR ENHANCED BATTERY PERFORMANCE.

3) Project researcher- IIT-Roorkee (Oct 2015-Feb 2017)

Work was related to synthesis and characterisation of Carbon nanotubes.

4) Research Fellow Defense Research and development organization, Chandigarh(DRDO)
(July 2014-August 2015) *Projects sponsored by Ministry of Defence*

- Developed technology was non-lethal frangible bullets for our paramilitary forces for use in low intensity warfare.

5) R&D Scientist (Advanced Technology Material Pvt Ltd, Mumbai) (July 2012-June 2014):

- Development of structural nanomaterials for varied abrasive resistant application.

Skills

- Wide knowledge of energy systems, design and current technological status, especially related to Fuel Cells, Li ion Batteries and Photovoltaics.
- Data analytic tools SQL, MS Excel. Programming language C, C++, General knowledge of patent law.