

CURRICULUM-VITAE

Pankaj Kumar Lodhi

M.Tech.(Chemical Engineering)

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CAREER HIGHLIGHTS

(1) Faculty in HBTU, Kanpur (August 2017 - Current)

Guest faculty in HBTU, Kanpur

(2) Teaching and Software Development work (October 2011-May 2017)

Teaching Physics, Mathematics to IIT and Engineering Entrance competitive level examinations and Java, C, C++ programming languages.

Software development for websites and educational fields.

(3) Guest faculty in HBTI, Kanpur (January 2011-August 2011)

Taught Chemical Engineering as a guest faculty in HBTI, Kanpur

(4) Self Employed Teacher (February 1997 – January 2006)

- Worked as a self employed teacher for a local 10+2 level coaching institute, teaching Physics, Chemistry, Mathematics for IIT and other engineering examination.
- Teaching material preparation for a reputed coaching institute (Focus IIT JEE, Bareilly UP), which is run by the faculty from FIITJEE, Delhi.
- Worked as a self employed teacher for a local computer center, teaching computer languages (C, C++, Visual Basic, Java etc)

(5) Aditya Birla Chemicals Ltd, Palamu, Jharkhand (May 1996 – January 1997)

(Old name: *Bihar Caustics and Chemicals Limited*)

Designation-Management Trainee

Responsibilities:

- Worked as a Management Trainee (Production) in:
 1. Brine Purification Plant

2. Caustic Soda Manufacturing Plant.
 3. Chlorine Plant.
- Planning and reviewing targets on weekly and monthly basis.
 - Working in conjunction with maintenance, quality and material department.

PAPERS PUBLICATIONS

Ashwini Sood, Pankaj Kumar Lodhi; Modeling evidence in support of coagulative nucleation theory; Journal of Applied Polymer Science (2010); <https://doi.org/10.1002/app.33778>

ACADEMIC CREDENTIALS

- B. Tech. (Chemical Engineering) H.B.T.I. Kanpur
- M. Tech. (Chemical Engineering) H.B.T.I. Kanpur

ACADEMIC ACHIEVEMENTS

Chairman Board of Governor's Silver Medal for standing first in M.Tech (Chemical Engineering) examination for year 2009-10.

SEMINAR/WORKSHOP ATTENDED

- (1) Five day Training program on "Software Application in Chemical Engineering" organized by Department of Chemical Engineering HBTI, Kanpur funded by World Bank.
- (2) One week workshop "Modeling and Simulation of Chemical Processes" at HBTI, Kanpur.

TECHNICAL SKILLS

Programming Languages: C, C++, JAVA, Python, Javascript, html, css, FORTRAN77

Other Software Packages: Corel Draw, Adobe Photoshop, Adobe Illustrator, Auto CAD, Flash

Operating Systems: Windows, ubuntu linux, arch linux