

# ABHISHEK BHAWSAR

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## CONTACT

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## INCENTIVE

I aspire to be a part of conspicuous research groups of prominent universities. It will assist me to enhance my knowledge regarding the field and will tout me in contributing to numerous research projects.

## EDUCATIONAL QUALIFICATION

EXAMINATION	UNIVERSITY	INSTITUTE	YEAR	CPI/ %
B.Tech ( IV sem)	IIT Patna	IIT Patna	2013	6.8/10
class 10th	MP Board	School For Excellence, Ujjain (M.P)	2010	92.17%
class 12th	MP Board	School For Excellence, Ujjain (M.P)	2012	84.6%

## COURSES UNDERTAKEN

### EXPERIMENTS PERFORMED

- SYNTHESIS -> aspirin , dye, Dibenzylideneacetone, Mn(acac)<sub>3</sub>, Fe(acac)<sub>3</sub>, cis-bis(glycinato)copper(II) monohydrate , imidazole, alum , phosphate fertilizer.
- ESTIMATION AND CHARACTERIZATION -> paracetamol, glucose , Characterization of unknown organic compounds by UV-Vis, IR and <sup>1</sup>H-NMR techniques.

## CORE SUBJECTS

- Quantum Chemistry
- Organic Chemistry
- Fluid Mechanics
- Polymer Chemistry
- Differential Eq
- Inorganic Chemistry
- Physical Chemistry
- Medicinal Chemistry And Drug Discovery
- Heat and Mass transfer
- Process Control And Instrumentation
- Industrial chemistry
- Biochemistry And Biotechnology
- Analytical Chemistry
- Thermodynamics
- Chemical Process Calculation
- Chemical Kinetics And Electrochemistry

## MATHEMATICS

- # Real Analysis
- # Complex Analysis
- # Linear Algebra
- # Ordinary And Partial
- # Numerical Method
- # Calculus

## TECHNICAL SKILLS

1. LAB SKILLS - INFRARED , UV-VIS SPECTROSCOPY
2. PROGRAMMING SKILLS - HTML, C, JAVA

## ACHIEVEMENTS

1. National Level Rank 3 in Vedik Maths Competition
2. Selected by Madhya Pradesh Govt. For Educational Tour to cities named Pune, Bangalore, Kanyakumari,
3. Recipient Of MCM Scholarship Provided by IIT Patna.

## RESEARCH INTEREST

- Nano Particle Chemistry
- Quantum Chemistry
- Organometallic Chemistry
- Molecular synthesis and catalysis
- Polymer chemistry
- Green Chemistry
- Spectroscopy

## EXTRA CURRICULAR

- Became coordinator of photography club of IIT Patna .
- Took part in various sport events.
- Acted in many plays.

## DECLARATION

I hereby declare that the information given above are true to the best of my knowledge .

