



Adhidesh S Kumawat  
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Chemical Engineering  
M.Tech.  
Indian Institute of technology, Bombay  
Male  
Specialization: Chemical Engineering  
DOB: 13-01-1989

Examination	University	Institute	Year	CPI
Post graduation	IIT bombay	IIT Bombay	2013	7.57
Graduation	Thapar University	Thapar University, patiala	2011	8.12

#### Technical Projects

- **M.Tech. Project: Electroporation of Planar Bilayer Membrane :**  
**Guide - Prof. Rochish Thaokar, chemical engg., IITB**  
This ongoing study is aimed at estimating the pattern of variation of breakdown voltage of cell membrane, which has its application in cancer treatment. (Jan'12- present)
- **M.Tech. Seminar: Electroporation of Planar Bilayer Membrane :**  
**Guide - Prof. Rochish Thaokar, chemical engg., IITB**  
Studying preparation of bilayer lipid membrane by various techniques and the methods of patch clamp technique. (Jan'12- May'12)
- **B.E. six months project : Increasing phosphate content during processing in phosphate beneficiation in phosphate mining plant at Rajasthan State Mines and Minerals, Udaipur :**  
**Guide - Dr. D. gangacharyulu, Proffesor, Chemical Engg., Thapar university, Patiala, Punjab**  
in Jhamarkotda plant at Udaipur. (July-Dec, '10)
- **B.E. six weeks project : Reducing the zinc content in the waste of Vedanta Hindustan Zinc Limited, Udaipur :** Suggested some measures for decreasing waste content from 3.3% to 3.1%.

#### Position of responsibility

- **Joint Secretary, ACID society, Chemical engg. department activity club, Thapar University, Patiala**

#### Software knowledge

- **ASPEN PLUS, ASPEN HYSIS, COMSOL**
- **MATLAB, FORTRAN**
- **HTML, C, C++**

#### Extracurricular activities

- National level swimmer for both CBSE school level and opens. ( '98, '99, '00)
- **State level Individual champion** for swimming. ( '99, '00)
- member of PG chemical swimming team at IITB ( '12)
- member of PG chemical football team at IITB ( '11)
- member of dramatics for PG cult and PAF acting team ( '12)