# Upasna B Rai



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### Education

- ICSE Board: 90% 10th grade, 2007
- PUC Board: 92% 12th grade, 2009
- Bachelor of Engineering: RVCE, Bangalore. Completed 6 semesters with an average GPA of 9.32 in Chemical Engineering.

### **Academic Experience**

### Internship

June-August, 2011

- Production of Biogas (lab scale) from water hyacinth, RVCE, Bangalore.
- Set up the equipment and studied the biogas production over 60 days
- · Presented a paper,

Title: "Kinetics of Anaerobic Digestion of Water Hyacinth using Primary Sludge as Inoculum" In the proceedings of the "International Conference on Green Technology and Environmental Conservation"

Organised by Satyabhama University in association with IEEE, Tamil Nadu Pollution Control Board, ISWA (International Solid Waste Association)

Published a paper,

Titled: "Kinetics of Anaerobic Digestion of Water Hyacinth, Poultry Litter, Cow Manure and Primary Sludge: A comparative study

In the International Science Congress Association, 1<sup>st</sup> International Science Congress (ISC-2011) at Maharaja Ranjit Singh College of Professional Sciences, Indore, MP, India

# Training July, 2011

Handling of Analytical Instruments-HPLC, GC, AAS and U.V-Spec, Azyme Biosciences Private Limited, Bangalore, under the guidance of Dr. Krishna Kumar.

### Technical Quiz: Chemical Engineering

- Placed 3<sup>rd</sup> in an inter college competition conducted by RVCE on November 5<sup>th</sup>, 2011
- Participated in an inter college competition conducted by Dayanand Sagar on March 5<sup>th</sup>, 2012



## Extra-Curricular Experience

#### **Dramatics**

- Performed in the Inter and Intra college theatre fest Coliseum 2011, at R.V. College of Engineering in a play called "Maya", winning the award for best actor, held on 31<sup>st</sup> of March, 2011.
- Performed in the Inter collegiate Theatre Fest, at Jyothi Nivas College, and won the first place for a comedy play called "Jack vs Jill", held on 25<sup>th</sup> January 2012.
- Performed as an amateur theatre artist at K.H.Kala Soudha, Alliance Français and Kyra, Bangalore, in a comedy play called "Imaginary Invalid"

### Leadership

As part of of the Student Council, 2006-2007, I was the Secretary and Treasurer of Sophia High School.

#### Basketball

- · Represented my school, Sophia High School in many inter school tournaments
- Represented my college, RVCE in many tournaments, intra and inter collegiate level
- Represented NGV Basketball Association for a year, while in college.

#### **Athletics**

- Represented school during intra school athletic meets (200m and 4\*100m relay and shot put)
- Represented college at the VTU, 14<sup>th</sup> Intercollegiate Athletic meet held at Sir M. Visvesvaraya Institute of Technology, Bangalore from 13<sup>th</sup> to 16<sup>th</sup> April 2011and secured 3<sup>rd</sup> place in 4\*100m relay with 1:00.4 seconds.