

Upasna B Rai

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ACADEMIC QUALIFICATIONS

Bachelor of Engineering in Chemical Engineering, RVCE (RV College of Engineering), Bangalore, India; Projected: 2013; Aggregate: GPA 9.32/10(Till Date)

ACADEMIC PROJECT

Mini project on “Development and Characterisation of Composite Laminates” , RVCE, Bangalore, India; February – May 2012

Details: Individually developed composite laminates like glass laminates, natural laminates-jute, bamboo fibres and hybrid laminates using vinyl or polyester resins. It was characterised using Water Absorption Test, Corrosion Test and Flame Test in accordance to the ASTM (American Society for Testing and Materials) standards.

INTERNSHIP PROGRAMMES

- Interned on “Adsorption Studies of Porous Materials at Cryogenic Temperature”, IISc (Indian Institute of Science), Bangalore, India; July – August 2012
- Interned on “Production of Biogas (lab scale) from Water Hyacinth”, RVCE, Bangalore, India; June – August 2011
- Underwent a training on “Handling of Analytical Instruments – HPLC, GC, AAS and UV Spectrometer at Azyme Biosciences Private Limited, Bangalore, India; July 2011

PAPER PRESENTATIONS

- Individually published a paper on “Kinetics of Anaerobic Digestion of Water Hyacinth, Poultry Litter, Cow Manure and Primary Sludge: A comparative study” at International Science Congress Association, 1st International Science Congress (ISC-2011) at Maharaja Ranjit Singh College of Professional Sciences, Indore, Madhya Pradesh, India, August 2011
- Presented a paper individually on “Kinetics of Anaerobic Digestion of Water Hyacinth using Primary Sludge as Inoculum” at “International Conference on Green Technology and Environmental Conservation”, IEEE, Tamil Nadu Pollution Control Board, International Solid Waste Association, Bangalore, India; July 2011

ACHIEVEMENTS

- Won the first place in the Technical Quiz on Chemical Engineering, DayanandSagar College of Engineering, Bangalore, India; March 5th, 2012
- Won the first place for acting in a comedy play “Jack Vs Jill” at the inter collegiate theatre fest, JyothiNivas College, Bangalore, India; 25th January 2012
- Placed third in the Technical Quiz on Chemical Engineering, an inter college competition, RVCE, Bangalore, India; November 5th, 2011
- Placed second and won a prize money of Rs. 1000 for the Hindi Antakshari programme at the techno cultural fest, 8th Mile, RVCE, Bangalore, India; July 2011
- Won the “Best Actor” award for playing the lead role in the play “Maya” at the intra college theatre fest “Coliseum 2011”, RVCE, Bangalore, India; 31st March 2011
- Performed as an amateur theatre artist in a comedy play “Imaginary Invalid”, K.H.KalaSoudha, Alliance Francais and Kyra, Bangalore, India; July – September 2010
- Selected as the Secretary and Treasurer of Sophia High School, Bangalore, India; 2006 – 2007

SPORTS AWARDS

- Won the VTU (Sir M. Visvesvaraya Institute of Technology) Single Zone Basketball Women Tournament held at Siddaganga Institute of Technology, Tumkur, representing RVCE, Bangalore, India; 24th – 26th February 2012
- Won the VTU Single Zone Basketball Women Tournament held at APPA Institute of Engineering & Technology, Gulbarga, representing RVCE, Bangalore, India; 29th – 31st March 2010
- Placed third in the 4 X 100 metres relay, VTU, Bangalore, India; 13th – 16th April 2011
- Placed first in the 4 X 100 metres relay, Sophia High School, Bangalore, India; 8th October 2004