

Education

- Currently in Year 2 Masters in **Vision and Robotics (VIBOT)** as part of European Commission's Erasmus Mundus Scholarship. Was one of six students from India selected for the Masters program.
- **Bachelor of Engineering (Mechanical)**, Mechanical, **Manipal Institute of Technology, India, Grade point average : 8/10.**
- **High School : Bala Vidya Mandir, Chennai, India, Board : AISSCE (CBSE)** in 2003 with 87%.
- **GRE : 1340/1600 TOEFL : 111/120**
- **Completed Level 1 German** at Manipal Institute of Technology, Manipal from January – March 2006 and IN A WORD Language Centre, Chennai in June 2006.

Achievements

July 2008

Interned for 30 days at the Underwater Robotics Lab at the University of Girona with a live robot. Created a **system of receiving and using data from the robot in real time**, which was later tested at the dam in Zaragosa, Spain. Worked under Pere Ridao, University of Girona.

2006 -2007 B.E. Year 4

Bachelors Thesis in '**Experimentation on Co-operative robotics using a Multi-Agent System**' in which we demonstrated autonomous and manually-controlled cooperation using small robots.

2005 -2006 B.E. Year 3

Awarded 1st prize in a programming competition [(Night out), intercollege fest – Tech Tatva '05.]

As **Robotics Head of IEEE Student Branch, Manipal, India 2005-2006:**

- **Taught** 300 first-year students for 30 hours at a **Basic Robotic Workshop.**
- **Conceived, organized, and taught** at an **Advanced Robotics Workshop** with the help of Mr. Prashant Rao, the head of *roboticsindia.com*, India's largest robotics community. The workshop concerned the theory and construction of light-sensitive robots.

- **Set up a Robotics Resource Pool** to supply low-priced, high-quality robotic parts to Manipal students from a manufacturer in Mumbai.
- As executive committee member of IEEE **organized and managed** the intracollege fest, Cerebration 05 and the intercollege fest, Tech Tatva 05.

2004 - 2005 B.E Year 2

- Organized robotics competition at intracollege IEEE Fest (Cerebration - September 2004).
- **Conducted** robotics event **Comatrix - Robowars** at National Level IEEE Technical Symposium: (Intellect – March 2005).
- Awarded **first prize** at National Level **Paper Presentation** competition conducted by Institute of Engineers (Mech. and I.P.) – Mechtrix, September 2004. (Rough Terrain guidance using adaptive suspension actuated by electronic muscles, feasibility of nano-grip).
- Awarded **second prize** in **Paper Presentation** at **Indian Society of Technical Education Symposium – ‘Techday’**, (4 Sphere - 2004).
- Underwent **INPLANT** training in connection with a deep sea mining operation for manganese nodules by the Ministry of Earth Sciences at the National Institute of Ocean Technology.

2003 - 2004 B.E. Year 1

- Awarded **1st prize** at MAHAROBOT, a national level **robotics competition** conducted as part of IEEE Students’ Chapter, March 2004.

2003 and earlier

- Elected **Assistant Head Boy** and **Head Boy** of school in 2002 and 2003 respectively.
- Qualified among **top 10%** from school for **Junior and Inter Level - National Mathematics Talent Competition** 2000, 2001 & 2002.
- Was selected as **Finalist** for the **All-India Reynolds Scholarship (2002)**.

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