

Ramnath Shenoy

Academics:

Examination	Institution	University/Board	Percentage
BE (Computer Science And Engg) 8 th Sem	R V College of Engineering Bangalore (AUTONOMOUS)	Visveswaraiah Technological University, Belgaum	CGPA : 9.10 (as of 7th Semester)

Key Achievements

1. Represented RVCE at SAE International Aerodesign Challenge 2012-Atlanta, USA

Project Vyoma is group of Engineering Students and professionals who are passionate about design and development of Unmanned Aerial Vehicles. The team has so far participated 3 International events from its origin in 2008. In 2008, Project Vyoma became the **First Asian team** to participate in **SAE Aerodesign** held in **Atlanta, Georgia, USA**. In the recently concluded SAE Aerodesign Challenge 2012, Project Vyoma secured **7th place** in the Micro Class, held in Atlanta, Georgia, USA. The event saw the participation from more than 70 universities from around the world.

- Gave the **technical presentation** at the event, which was well appreciated and rated by the judges.
- Introduced innovative methods (development of constraint specific algorithm which can be used to design UAVs for any given mission) to improve design of UAVs
- On the verge of completing **Genetic Algorithm** to design the aircraft. This would be the **first of its kind in the world**.
- **Headed the Marketing and PR team**. Helped the team achieve self-sustainability.

2. NASA Systems Engineering Award:

Was in charge of the NASA systems engineering report for which Project Vyoma had applied. The team was awarded with the NASA systems engineering award for fulfilling the requirements of systems engineering. The report got an excellent review and Brenda Mulac, a representative from NASA, made it a point to personally come and congratulate the team. Presented the As Built report which won loads of appreciation from the NASA representative.

3. STUDSAT-2

Organization: Indian Space Research Organization (ISRO)

Duration: November 2010 – Sept 2011

Objective: To understand the dynamics of the Satellite Probe and develop a nano-satellite with a purpose of geographic navigation and aerial photography.

Role in the Project:

- Studied the Dynamics of the Satellite
- Being the youngest member of the team, also contributed to the management of the team

4. **INDIC-TEXT-RENDERER for Android :**

Organization: Indian Institute of Science (IISc)

Duration: July 2012-Present

Objective: To build an Indic-Text-Renderer for Android, especially for Kannada and Tamil texts using the new generation harfbuzz-ng library. To build an application that provides services like messaging, memo and text-to-speech for Indic languages.

Status: Indic-text-renderer is ready and is under testing. The application along with an Indic-messaging app and text-to-speech engine is due for an early September release on the android market.

5. Akamai Technologies-Application Software Engineer

Worked on building a Quote to Order system on Salesforce.com platform. Worked on web technologies like AngularJs, NodeJs. Owned key features of the product.

Sports

1. **Represented RVCE** in Chamraju Memorial Cricket Tournament 2011, a state level inter college tournament.
2. Captained the Dept of Computer Science Football Team and **won** the inter-department football championship, 2014.
3. Captained the Dept of Computer Science Cricket Team and **won** the inter-department cricket championship, 2014.
4. **Runners up** at Festhos'13 Football tournament, 2013.

Cultural

1. **Headed the Event Management Team** and was part of the core committee that conducted '8th Mile 2014', the techno-cultural fest of RVCE commemorating Golden Jubilee celebrations of the college.
2. Won the **second place** in the 'Business Plan' competition held at Connect 2011.
3. Won the **first place** in Eco-Quiz in REC-Meet 2013.
4. Won the **first place** in 'Non-Classical Solo' singing competition at Utsav'14 held in BMSCE.
5. Won the **first place** in Technical Treasure hunt at Genesis 2011.
6. Won the **first place** in 'Eastern Vocals-Solo' at React'12.
7. Won the **first place** in Essay Writing Competition conducted by Youth Connect-2013.

Paper Presentation, Workshops and Seminars

1. Presented the '**NASA Systems Engineering report**' in front of a panel lead by Brenda Mulac, NASA at Atlanta, Georgia.
2. Completed a workshop on 'Information Security and Cyber Forensics' certified by CyberCure Solutions (A unit of CyberCure Technologies Pvt. Ltd.). CyberCure Technologies is recognized as an authoritative organization striving to partner with the Government of India to improve the security and resiliency of computer systems and networks.
3. Completed a workshop on 'Personality Orientation Programme' held at RVCE, 2012.
4. Successfully completed 'Power Searching with Google' course in July 2012.
5. Successfully completed 'Machine Learning' course with Coursera, 2012.
6. Successfully completed the Cognizant Certified Student Programmer test with distinction.
7. Worked on a Library Database Application for Android that lets students of RVCE to keep themselves updated about all books in the college library.

8. Represented R.V.College of Engineering in **I-3 innovations expo** conducted by **Confederation of Indian Industries** at SRM University Premises Chennai 2010 in which our team (Project Vyoma) was **the only student project out of the 186 teams present.**

Leadership Qualities

1. Headed the Sponsorship and Marketing team of **Project Vyoma**, an international aero-design project. Lead a group of 30 individuals.
2. Headed the Event Management team of **8th Mile 2014**, a national level techno-cultural fest. Lead a group of 300 individuals.

Contribution to RV Student Community

- Conducted **Aero-Modeling Workshops** to develop interest in the field among fellow-students of RVCE **free of cost**. Actively involved in evangelizing UAV & Aero design in Schools and Colleges to encourage students to take up research in the field of aerospace.
- Donated blood during the annual blood donation camp held at RVCE.
- Worked as a developer and content writer for 8thmile.rvce.edu.in, the official website of 8th Mile 2014 and the facebook page.
- Worked as content writer and editor of iota2011.com, the official website of the national level Computer Science fest of RV College of Engineering, Bangalore