



ARIJEET BANERJEE

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Date of Birth: 12 December 1989

469/19, Harmony Apartments
AG Block, 2 Street, 7 Main Rd
Anna Nagar, Chennai – 600040

Profile

Currently working at Mahindra & Mahindra, R&D, Chennai. Mechanical Engineering graduate with first class and distinction and rank-holder (2011 Batch) of Anna University, Chennai, seeking a competitive role in the growing Space Sciences and Astronautics field. Motivated, keen learner, hard working and determined individual eager to strengthen professional experience of working in a highly competitive corporate environment. International exposure while at University, lauded by the international aerospace community in the United States for presentation and technical skills during a talk on a technical research paper at the IEEE Aerospace Conference 2010.

Education

- 2011** **Bachelor of Engineering**, Mechanical Engineering, Anna University, Chennai
Overall percentage : 86
- 2007** **Higher Senior Secondary Examination**. Chinmaya Vidyalaya, CBSE, Delhi
Overall percentage: 87
- 2005** **Senior Secondary Examination**. Chinmaya Vidyalaya, CBSE, Delhi
Overall percentage: 93

Special Achievements

1. Presented research paper titled “Analysis of Supersonic Shock waves over novel supersonic airline profile using shadowgraph” at the **International IEEE Aerospace Conference held in March 2010 in USA**
2. **Young Innovator Award** recipient for designing and demonstrating small scale **Satellite** prototype at Satellite Launching Mission, conducted by Velammal Aeromodeling Centre, 2010

3. Submitted paper titled *Supersonic Cruise Transport* at **NASA Langley Research Centre**, for NASA Students Aeronautics and Astronautics Competition, 2009
 4. **Special Recognition Award** in Aeromodeling, **First Prize in technical paper presentation** and **third prize in analysis** using ABAQUS at SAE India Student National Convention for the years 2008 and 2010
 5. Obtained **first rank** in the **Mechanical Engineering Department** at Velammal Engineering College during the academic year 2007- 2008
 6. Honored with Certificate of Merit for achieving **100% Attendance record** during the academic year 2007 - 08 of Undergraduate Studies
 7. Selected among the **top 0.1 percent** of successful candidates of All India Secondary School Examination (CBSE), 2005 and awarded the **CBSE Topper Certificate** for reason of **outstanding academic performance in social science**.
 8. Selected among the **top 100** (rank 50) paper all over India for “The Du Pont India Challenge”, 2003
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Projects Undertaken

- Currently involved in the Mahindra’s “**XUV 500**” export project, to deliver the vehicle for the target export markets
- Design and demonstration of Small Scale Satellite prototype, 2010
- Design and fabrication of Aircraft Maneuvering systems, 2009
- Analysis of Supersonic Shock waves over novel supersonic aircraft profiles, IEEE Xplore Digital Object Identifier [10.1109/AERO.2010.5446774](https://doi.org/10.1109/AERO.2010.5446774), 2009
- Design of Supersonic Cruise Transport Aircraft, 2008
- Synthesis and study of biodiesel made from used sunflower oil, 2007

Positions of Responsibilities held

- Currently member of the new Mahindra SUV, Project XUV 500 vehicle team to launch this vehicle in international markets
 - **Technical Committee Head** for The Satellite launching Mission 2010 conducted by Velammal Aeromodeling Centre (VAMC), 2010
 - **Student President** of the Velammal Aeromodelling Centre (VAMC) at Velammal Engineering College, 2010
 - **Student Secretary** of SAE (Society of Automotive Engineers) Collegiate club, 2010
 - **Club Director**, Interact Club (part of **Rotary International**) of Chinmaya Vidyalaya during the term 2004 – 05
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Extra Curricular Activities

1. Skilled **Cricket** player and has been part of the school cricket team as opening batsman and wicket keeper and played various matches for school during 2004 - 2007.

2. Mr. Banerjee has a flair for **Indian Classical Music** and has been learning **Sitar** for more than 3 years under the tutelage of Pt. Janardan Mitta, a senior disciple of Pandit Ravi Shankar of the Maihar Gharana since 2007.
3. An active participant at the 8th (2005) and 9th (2006) **National Science Olympiad** and bagged a school rank of 2 and state rank of 52 during year 2006.
4. Recipient of **Rotary Youth Leadership Awards (RYLA)** by **Rotary Club** of Madras Industrial City, R.I. District 3230, camp held on 27 and 28 November 2004 at State Institute of Rural Development, Tamil Nadu, India.
5. Participated and won accolades for various nation-wide talent search exams like the Scholarship Examination conducted by Progressive Curriculum Management Council(2001); **Rotaspark** science exhibition by Rotary Club, RI Dist. 3230 (2002); State Level Science Talent Search Exam (2003); **Senior Geography Talent Test** conducted by Association of Geography Teachers of India (2004); Essay writing held by Society for service to educational development (2004); **Physics Talent Test** held by The Physics Society (2007).
6. He was conferred the **Certificate of Honor by Kyokushin Karate Organisation**, India, an affiliate to International Karate Organisation, Japan, for successfully completing the basic techniques of Kyokushin Karate and got the ranks of Orange, Upper Orange, Blue, Upper Blue and Yellow Belts from September 1998 to May 2000.

Other Information

Passport Number: H3143863

Languages Known: Bengali, English, Hindi, Tamil

Interest and Hobbies: Sitar playing, listening to soft classical instrumental music, cricket, watching inspirational movies

Computer Skills: Proficient in MS Word, PowerPoint, iWorks and Apple's Pages Applications

Technical Softwares: CATIA basics, TCEngg., PRO-E, AutoCAD, ANSYS, CFD Fluent

References

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