# Achyuthuni Sri Harsha

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Jai Jawan colony S.O post office, Keesara mandal,

Medchal District, Hyderabad, Telangana, 500062

# Education

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| --- | --- | --- | --- |
| **Class** | **Board** | **School** | **Marks** |
| BTech, Mechanical engineering | Amrita Vishwa Vidyapeetham | Amrita University, Bangalore | 8.9/10 (*Distinction*) |
| Intermediate 2nd Year (12th) | BIEAP | Delta Junior college | 93.30% (A grade) |
| 10th | SSC,AP | Pace school | 90.33% (A2 grade) |

# Publications

# [Parametric Study of Cantilever Plates Exposed to Supersonic and Hypersonic Flows](https://doi.org/10.1088/1757-899X/225/1/012047) A Sri Harsha et al 2017 IOP Conf. Ser.: Mater. Sci. Eng. **225** 012047

# Mini Projects

[*Vibrational analysis on a steam turbine L.P blade; BHEL, Hyderabad*](https://drive.google.com/open?id=0B9cfmgaiEszaMkVtdTFIMGhpYTIxVkZXZnpSR1V5RTlIai1V)May - June 2016

Analyzed a Siemens design blade for modal frequencies at various speeds. Compared the results obtained using a Campbell diagram.

[*Modelling of a 50VM pilgering mill; NFC, Hyderabad*](https://www.youtube.com/watch?v=B2rzCyW4TzU&t=1s)June - July 2014

Modeled die, shaft and keys of a 50VM pilgering shaft assembly and a [video](https://drive.google.com/open?id=0B9cfmgaiEszaSUMyZHFCRkUyUGc) demonstration using AutoCAD.

# Website Designing

[*www.harshaash.co.nr*](http://www.harshaash.co.nr/)

Personal blog hosted along with stats, forms blog and commenting section for free.

# Technical Competencies

|  |  |
| --- | --- |
| Mechanical design software’s | Programming and Web designing |
| * CREO (2.0) (Certified by PTC) * ANSYS * AUTOCAD * INVENTOR * ADAMS (view 2015) | * C, C++ * JAVA * Html (basic proficiency) * Weebly * Wix.com |

# Industrial Exposure

*[Manufacturing Of Tubes and Sheet Components for PHWR](https://drive.google.com/open?id=0B9cfmgaiEszad3pEcXlaMnItLTg)* June - July 2014

Observed various manufacturing processes at Zirconium fabrication plant at NFC, Hyderabad.

[*An Overall View of Ramagundum Super Thermal power plant*](https://drive.google.com/open?id=0B9cfmgaiEszacVIzTmxRUnlJelk) December 2014

Studied various auxiliary parts of the plant along with their working at NTPC, Ramagundam.

# Co-curricular Activities

* Treasurer, SAE INDIA club for the year 2014-15
* Worked in Assembly department for BAJA, SAE.
* Event coordinator for Rover Challenge during EKATVA 2014(National Level Tech Fest)
* Event coordinator for Auto Quiz and Robo Sapiens Workshop.
* School house Vice-captain and Prefect for the years 2008-9 respectively.

# Skill Enhancement Initiatives

|  |  |
| --- | --- |
| Plant visits  * Kaiga nuclear power plant * Varahi Underground Power plant * IMTEX 2014 and 2015 * IISC open day * Ashok Leyland | Certifications  * CREO(2.0) Certified by PTC * C++ Viranchi Software solutions * JAVA NSIC, Hyderabad * AMCAT [Report](https://drive.google.com/file/d/0B9cfmgaiEszaOWY3V3p3UkY3VWc/view?usp=sharing) |

# Personal Information

Date of birth: 5th December 1995

Linguistic Proficiency: Telugu, English, Hindi

Interests and Hobbies: Reading, swimming, designing websites.

Linkedin profile [Achyuthuni Sri Harsha](https://in.linkedin.com/in/sri-harsha-achyuthuni-a45b7baa)

# Placement Offers

* Tata Technologies (PLM or Design engineer)
* MuSigma (Data Scientist)

# References

Shri Bhagavanth Rao, Sr Engineer, T&C Engineering

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