# Achyuthuni Sri Harsha

Plot No 188, Phase 1, Saket colony, Kapra,

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

Medchal District, Hyderabad, Telangana, 500062

*Phone no*: +919019413416

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

*Mail*: [achyuthuni.sri.harsha@gmail.com](mailto:achyuthuni.sri.harsha@gmail.com)

# 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.

# 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.

# 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

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

# 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

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| --- | --- |
| 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

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| College registration no: BL.EN.U4MEE13004  Date of birth: 5th December 1995  Linguistic Proficiency: Telugu, English, Hindi  Interests and Hobbies: Reading, swimming, designing websites. |  |

# Placement Offers

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

# References

Shri Bhagavanth Rao, Sr Engineer, T&C Engineering

BHEL, RC Puram Hyderabad Phone: +91 9885011434

Mail: [bhagavanthrao@bhelhyd.co.in](mailto:bhagavanthrao@bhelhyd.co.in)