# **Achyuthuni Sri Harsha**

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Vegetable market road, Nallakunta,

Hyderabad, Telangana, 500044

Aspiration Focus

To secure the position of an engineer in the company that offers challenge and opportunity for career development and learning.

## Qualifications

Pursuing bachelors in Mechanical Engineering at Amrita Vishwa Vidyapeetham with a CGPA of 8.98 (upto 6th semester).

Completed Intermediate in MPC at Delta Junior college, Hyderabad, with a percentage of 93.30.

Completed 10th Class in SSC; AP at PACE school with a percentage of 90.33.

## Technical Competencies

|  |  |
| --- | --- |
| Mechanical design software’s | Web designing |
| * CREO (2.0) (Certified by PTC) * ANSYS * AUTOCAD * INVENTOR * ADAMS (view 2015) | * Weebly * wix.com * Google sites * Yola sites * Html (basic proficiency) |
| Programming languages |  |
| * C | * C++ (certified by Viranchi solutions) |

## Mini projects

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

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://drive.google.com/open?id=0B9cfmgaiEszaSUMyZHFCRkUyUGc)

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

## Industrial Exposure

[*Vibrational analysis on a steam turbine L.P blade*](https://drive.google.com/open?id=0B9cfmgaiEszaMkVtdTFIMGhpYTIxVkZXZnpSR1V5RTlIai1V)

BHEL, Hyderabad; 30th May to 13th June 2016.

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

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

NTPC, Ramagundam; 16 to 31 December 2014.

Studied various auxiliary parts of the plant along with their working.

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

NFC, Hyderabad; 16 June to 15 July 2014

Observed various manufacturing processes at Zirconium fabrication plant.

#### Plant visits

* Kaiga nuclear power plant (27th Feb 2016)
* Varahi Underground Power plant (26th Feb 2016)
* IMTEX 2014(25th Jan 2014) and 2015(24th Jan 2015)
* IISC open day (28th Feb 2015)
* Ashok Leyland (15 April 2016)

## Website Designing

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

Designed as a project for the elective ‘The essence of Bhagavad Gita’. It hosts various projects carried out by the class, like short films, power point presentations, online surveys, and an android app.

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

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

## Networking

Attended and completed first two modules of CCNA networking course conducted by CISCO, in the college during summer 2014. Routing and Switching, module 1 and 2 had been completed.

## Other initiatives

* 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.
* Virgo house Vice-captain and Prefect(at school) for the years 2008-9 respectively.

## Skill enhancement initiatives

#### Workshops

* CREO(2.0) – Certified by PTC
* CCNA-Routing and switching – CISCO(In progress)
* C++ – Viranchi Software solutions
* i3-Indya technologies on VOIP controller –Robotics

#### Participations

* Zonal Round of Robo Tryst-2015
* SENTIENCE’13
* RASE’14

## Personal information

College registration no: BL.EN.U4MEE13004

Date of birth: 5th December 1995

Linguistic Proficiency: Telugu, English, Hindi

Interests and Hobbies: Reading, swimming, designing websites.

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