

## Achyuthuni Sri Harsha

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House no 1-8/720/1/203, Sri Sai Apts,

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 6<sup>th</sup> semester).

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

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

### Technical Competencies

Mechanical design software's

- CREO (2.0) (Certified by PTC)
- ANSYS
- AUTOCAD
- INVENTOR
- ADAMS (view 2015)

Web designing

- 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](#)

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](#)

Modeled die, shaft and keys of a 50V pilgering shaft assembly and a video demonstration using AutoCAD.

## **Industrial Exposure**

### *Vibrational analysis on a steam turbine L.P blade*

BHEL, Hyderabad; 30<sup>th</sup> May to 13<sup>th</sup> 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 Ramagundam 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*

NFC, Hyderabad; 16 June to 15 July 2014

Observed various manufacturing processes at Zirconium fabrication plant.

### ***Plant visits***

- Kaiga nuclear power plant (27<sup>th</sup> Feb 2016)
- Varahi Underground Power plant (26<sup>th</sup> Feb 2016)
- IMTEX 2014(25<sup>th</sup> Jan 2014) and 2015(24<sup>th</sup> Jan 2015)
- IISC open day (28<sup>th</sup> 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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