

HARISH KURUVA

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Department of MME, RGUKT, IDUPULAPAYA

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Objective:

Looking forward to work in a healthy organization that enhances my skills and contribute my best through the acquired skills.

Academic Details:

| QUALIFICATION | YEAR | INSTITUTION | CGPA/PERCENTAGE |
|----------------------|------------------|------------------------|------------------------|
| <i>B.TECH</i> | <i>2014-2018</i> | <i>RGUKT,AP IIIT</i> | <i>8.94</i> |
| <i>PUC</i> | <i>2012-14</i> | <i>RGUKT,AP IIIT</i> | <i>8.25</i> |
| <i>SSC</i> | <i>2011-12</i> | <i>ZPHS, VADDEMANU</i> | <i>9.7</i> |

Areas of Interest:

- Mechanical Behavior of Materials
- Heat Treatment of Steels
- Corrosion

Internship :

Summer internship:

May – June ' 17

Company: **Magma** Engineering Asia Pacific Pte Ltd

Project Title: **Modeling Brake Drum by sand process with Casting Simulation Software**

- MAGMA-SOFT is a virtual simulation software, for this a 3D Solid model using Pro-E the Drum is designed and imported it into MAGMA and Solidification was done to find the Thermal Feed Modulus in order to decide the Feeder and Runner size, next followed by Simulation the Filling and Solidification of molten metal in Sand process was done. After analyzing these results it is concluded that to reduce defects in macro level as well as in micro level it is mandatory to improve the quality of casting by Simulating the Piston with more Iterations.

- **Ms. C. Usha Kiranmai** , Executive Academy ,Magma Engineering Asia Pacific pvt ltd is given the technical support and suggestions in the development of project.

KEY PROJECTS :

Title : Generation of electricity from rotating wheels

January'16

- The aim is to produce electricity from rotating wheels by using DC-Generator . Presented it by using bicycle on the occasion of First convocation of RGUKT, RK valley , Kadapa.

Workshops:

- Participated a 2 days workshop on “**Non destructive testing**” conducted by department of Metallurgical and Material Science Engineering at RGUKT, RK Valley, Kadapa. along with Kalva Engineers PVT Limited, Hyderabad. **March'16**
- Participated a 2 days workshop on “**Failure analysis of materials**” conducted by department of Metallurgical and Material Science Engineering at RGUKT, RK Valley, Kadapa.

INSTRUMENT SKILLS :

March'17

- **Micro structural characterization** : Optical Microscope and X-ray Diffraction (XRD).
- **Material Testing** : Brinell hardness Tester, Rockwell Hardness Tester, Vickers Hardness Tester, Creep Tester, Impact Tester and Fatigue Tester.
- **Heat Treatment** : Muffle furnace, Electric Muffle Furnace and Microwave furnace.
- **Non destructive testing** : liquid penetration testing , magnetic partical testing , eddy current testing ,acoustic emission , radiography and ultrasonic testing

Computer Proficiency:

- **Programming Languages:** C, Basic Mat lab
- **Operating Systems:** Windows & Linux family.
- **Software and Simulators** : MS office

Co-curricular activities:

- Worked as “**Mess Inspection Committee**” member. **October'16**
- Worked as **Organizer** for “**Meta Quiz**” & “**Parishkar**” in ‘ **Abhiyanth**’, a **National level techno fest** that was held in our college. **March'17**

Achievements:

- Stood as **Mandal topper in SSC** board examination. **May'12**
- Secured **441th** rank in Andra Pradesh Residency Of junior collage (**APRJC**) conducted by A.P Government. **May'12**

Skills and hobbies:

- Playing cricket & chess.
- Reading books and solving puzzles.
- Listening to music.

Personal Details:

Name : Kuruva Harish
Date of Birth : 7th April, 1997
Father Name : K Govindu
Mother Name : K Sushilamma
Gender : Male
Languages known : Telugu and English
Address : Kuruva Harish
S/O K Govindu,
Konetammaipalli (vil.), Vaddemanu (Post),
Nandikotkur Mandal , Kurnool Dtc. ,
PIN: 518432.
Mobile No : 9502943755 , 8142950139.

Declaration:

I, hereby declare that all the information above is authentic to the best of my knowledge.

Signature of candidate

Harish Kuruva