

CAREER OBJECTIVE

To get more exposure in the world of materials and to obtain a position that will allow me to utilize my technical skills and willingness to learn in making an organization successful.

EDUCATION

2023 -	M.Tech in Materials Engineering, Indian Institute of Science, Bangalore, Karnataka.
2019-2023	B.Tech in Metallurgical and Materials Engineering, CGPA: 9.39/10 Rajiv Gandhi University of Knowledge Technologies - R K Valley Campus, Kadapa, Andhra Pradesh
2017-2019	HSC – Intermediate Education, CGPA: 9.10/10 Rajiv Gandhi University of Knowledge Technologies - R K Valley Campus, Kadapa, Andhra Pradesh
2016-2017	SSC-10th Class, CGPA: 10/10 St.Claret High School, Kurnool, Andhra Pradesh

PROJECT WORK

Major Project : Microstructure Evolution and Corrosion behavior of Cu modified AA6082 Alloy

Aluminum alloys were widely used in automotive and aerospace application due to light weight, easy castabilty and excellent resistance to corrosion. However, its strength are not comparable to conventional ferrous materials and hence, aluminum alloys were subject to alloy modification, heat treatment, grain refinement and/or particulate reinforcements. Alloy modification and Heat treatment was found to be better choice which alter the microstructure and thus mechanical properties. In this project, AA6082 alloy was subject copper modification with 0-3 wt%. Its influence on microstructure evolution, development of mechanical properties and corrosion behavior were investigated.

ACHIEVEMENTS

- Secured All India Rank 7 in GATE-2023
- Second Topper of Class in B.Tech-Metallurgical and Materials Engineering
- School Topper in 10th Class

TRAINING AND WORKSHOP

- Participated in the workshop on Microstructural Characterization organized by Department of Metallurgical and Materials Engineering, RGUKT R K Valley during 16th to 30th March 2023.
- Participated and completed Common Yoga Protocol-Volunteer Training Program organized by RGUKT R K Valley during 11-05-2022 to 18-05-2022.
- Participated in webinar on Topics in Metallurgical & Materials Engineering organized by Department of Metallurgical and Materials Engineering, RGUKT R K Valley during 03-11-2020 to 07-11-2020.

HANDS ON EXPERIENCE WITH EQUIPEMENT'S

<input type="checkbox"/> Metallurgical Microscope	<input type="checkbox"/> Rockwell Hardness testing
<input type="checkbox"/> Metallographic preparation set up	<input type="checkbox"/> Brinell Hardness testing
<input type="checkbox"/> Abrasive Cutting Machine	<input type="checkbox"/> Vickers Hardness testing

CO-CURRICULAR ACTIVITES

- Served as NSS Volunteer at RGUKT- R K Valley
- Class Representative during third and final years of B.Tech
- Organizing Committee member for departmental fest events

COMPUTER SKILLS

<input type="checkbox"/> Operating system: LINUX,Windows-8	<input type="checkbox"/> MS Office (Word, Excel and PowerPoint)
<input type="checkbox"/> Basics of Python	<input type="checkbox"/> Basics of Computer

LANGUAGE ELOQUENCE

<input type="checkbox"/> English	<input type="checkbox"/> Telugu
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HOBBIES

- Playing cricket and volleyball
- Listening music

I hereby declare that all the above-mentioned information about me is true to the best of my knowledge.

Navajeevan Sagar Akepogu