

RESUME

C.ANIL KUMAR REDDY

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SUMMARY:

- Around 09 years 02 months Worked as Assistant Professor & Research Associate in Mechanical Engineering Department.
- Completed Special Trade Training in Advanced Training Institute, Govt of India, Hyderabad.
- Associated in Research Project with ARDB (DRDO) on Aerospace Bearings.
- Coordinator for Special Materials Procurement from USA&HK.
- Expert in Technical Report, Article writing and Project Documentation.
- Expertise in Teaching and Training Students in Manufacturing Technology and Major Project work and Involved in Various real time investigation/Experimentation Process in Materials Heat treatment and Behavioral Study.
- In charge for establishment of new laboratories with all University requirements through Procurement Committee.
- Organized workshops and Industrial visits for students to provide core training on Industry Requirement and process implementation, automation, testing and quality control.

TECHNICAL & SOFT SKILLS:

- Software : Auto CAD 2016, Uni Graphics NX7.5, ANSYS.
- Trade skill : Production Planning, Quality Management, CNC Simulation, Metrology, NDT
- Soft Skills : Team Work, Problem Solving, Analytical Thinking, Report writing, Work ethics.
- Tools : MS Office-Suite, ANOVA.

PROFESSIONAL EXPERIENCE:

Organization : Vardhaman College of Engineering, Hyderabad
Profession : Research & Project Training
Client : DRDO (ARDB)
Designation : JRF & Research Faculty
Duration : 19th November 2020 – Till Date.

Roles and responsibilities:

- Associated With DRDO (ARDB) and VCE Research Center.
- Preparation of Technical Reports and Review Meeting Reports, UC, SoE as per DRDO Format.
- In charge for all Material and Consumable Procurement activities in National and International Level for DRDO Project.
- Coordinator For UG Major Project Work for Students.
- Maintenance of DRDO Files and Material Scheduling.
- Arranging Workshops and Guest Lectures on Project by DRDO/DMRL Scientists.

Organization : Bharat Institute Of Engineering and Technology.
Profession : Teaching & Training
Designation : Assistant Professor
Duration : 17th December 2018 – 10th August 2020.

Roles and responsibilities:

- Course Plan preparation for Subjects Taught and Question Bank Preparation For Students to Summarize The Topics Easily By Using ICT Methods As Per NBA/NAAC Guidelines.
- Expert In Manufacturing Technology, Machine Tools, Automobile Engineering, Automation In Manufacturing, Production Planning Control and Material Science Subjects Teaching.
- Organize Industrial Visits For Govt Organizations To Know the Industrial Process and its Implementation.
- Coordinator For Industry Oriented Major Project Coordinator.
- Coordinator For R&D Activities and Organizing Student Cultural & Professional Activities.
- Organizing **Workshops, Guest Lectures And Seminars** with Experts from Industries (BHEL,BDL, DRDO, RCI, HMT, CITD, CIPET), JNTU, Hyderabad.
- Coordination In Teaching Methods Development and Going for Accreditation Process.

Organization : PRRM Engineering College, Shabad, Hyderabad
Profession : Teaching & Training
Designation : Assistant Professor
Duration : August 2015 – 31st July 2018.

Roles and responsibilities:

- Prepared Course Plan For Effective Teaching and Methodology developments.
- Preparation of master data templates for Time Tables, Project Documentation, Internal Marks Assessment Sheets based on Evaluation Parameters.
- Expert In Manufacturing Technology, Machine Tools, Automobile Engineering, Automation In Manufacturing, Production Planning Control and Material Science Subjects Teaching.
- Constant Mentoring for Student Trade Skill levels in Lab Experiments and Projects, as well as Providing Support for Development in the view of Industrial Requirements.
- Collaborating with various Industries to Provide Basic Training for Students by arranging Technical Visits.
- Manage various procurement activities that include the areas of purchasing, contracting and sourcing management For New Lab Establishment.

Organization : PRRM Engineering College, Shabad, Hyderabad
Profession : Teaching & Training
Designation : Teaching Assistant
Duration : September 2013 – August 2015.

Roles and responsibilities:

- Collaborating with various Industries to Provide Basic Training for Students by arranging Technical Visits.
- Preparation of master data templates for Time Tables, Project Documentation, Internal Marks

Assessment Sheets based on Evaluation Parameters.

TRADE CERTIFICATIONS & PROFESSIONAL MEMBERSHIPS:

- Certified By **Advanced Training Institute (Govt Of India), Hyderabad.** In CNC, R&AC,HPS & Quality Control, Bearing and Lubrication Courses.
- Certified By the Hong Kong Polytechnic University on **Industry 4.0 (How to Revolutionize Your business-edX).**
- Certified by The New York State University on **Safety in the Utility Industry (Coursera)**

ARTICLES/JOURNALS PUBLISHED:

1. Implementation of Nondestructive Testing In Composite Manufacturing Through Automatic SPLP Process (IJIR)
2. Implementation Of VARS In Automobile AC System By Utilizing Exhaust Heat Energy (IJRASET)
3. Fabrication Of Abrasive Jet Machine With Parameters Investigation (IJSET)
4. Polymer Composite Sandwich Construction In Automobile To Ensure Safety (IJMET)
5. Design Aspects Of Welding Fixture For Nozzle Casing Assembly By TIG Welding (IJEERT)
6. Design and Analysis Of Turbine Blade By Using CATIA And ANSYS (IJEERT)
7. Modeling and Analysis of Heavy Vehicle Chassis (IJEERT)
8. Design and 3D Manufacturing Of Star Sensor Bracket For Satellites(Sambodhi)
9. Design Integration and Analysis Of Nose Dome For Application Of External Pressure, Materials Today-Proceedings(Elsevier),
10. Experimental study on heat treatment and mechanical behavior of M50 NiL steel – A review, Materials Today-Proceedings(Elsevier)
11. Investigation on Nitriding and Microstructure Evolution of M50 NiL Steel-A Review, Lecture Notes In Mechanical Engineering (Springer)
12. Modeling and Analysis of Milan 2T Missile Fin (AMMS)
13. Design and Fabrication of Seed Sowing Machine (NCOFEET)
14. Study On Bearing Steels For Aerospace Applications-A Review (AMEEE).
15. Corrosive behavior of 440C and M50 Steels for Marine Applications(ICAMS)
16. Effect of Plasma Nitriding on M50 NiL Steel-A Review(SME)
17. Design and Analysis of Four wheeler Automotive HDPE Bumper(NCTEC)
18. Optimization of Iron Ore Pellets Production in Sinter Plant(JETIR)
19. Corrosion Behavior Analysis of AISI 52100,AISI 316, AISI H13 Steels for Marine Applications(ICAMS)
20. Tribological Characteristics of Stellite Hard faced Layer on Mild steel(ICAME)

EDUCATIONAL QUALIFICATIONS:

Course/Qualification	Institute	Board/University	Year	Percentage
B.Tech (Mechanical).	St.Mary's Integrated Campus.	J.N.T.U(H)	2013	77.5%
Intermediate (MPC).	Harinath Reddy Junior College	Board of Intermediate Education(AP)	2009	65%

Secondary Education.(10 th)	PDVM High School.	Board of Secondary Education(AP)	2007	66.5%
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PERSONAL PROFILE:

Name : C.Anil Kumar Reddy
 Father's Name : C.Jagannath Reddy
 D.O.B : 31-07-1992
 Nationality : Indian
 Languages known : Telugu, Hindi and English

DECLARATION:

I do here by declare that the above Information is true and complete to the best of my Knowledge.

Date :

Place :

C.Anil Kumar Reddy