

## Bio-Data



**Name of the applicant** : Mr. Mailapilli Kumar Raja  
**Designation** : Assistant Professor  
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### **Academic qualification**

Degree	University/Board/Institute
M.Tech, (Industrial Metallurgy)	Andhra University, Visakhapatnam.
B.Tech (Metallurgical and Materials Engineering)	Jawaharlal Nehru Technical University, Hyderabad
Academic Experience	8 Months
Industrial Experience	2.5 Years

### **Professional Membership: Indian Institute of Metals**

#### **Subjects handled: UG & PG:**

Metallurgy and Materials Science	Strength of materials-1	Strength of materials-2
Automobile Engineering	Corrosion Engineering	Strengthening Mechanism
Materials Testing	Nano Materials	Composite Materials
Advance Thermodynamics	Manufacturing Technology	Manufacturing Process

#### **Knowledge in other fields:**

- XRD analysis
- JAVA Programming
- Origin
- MATLAB
- ImageJ

#### **Equipments Handled:**

- Stir casting Technology
- XRD Equipment
- EDM Equipment
- Hydro Cyclone
- Planetary High Energy Ball Mill
- Optical microscope
- Scanning electron microscope
- Muffle furnace
- Vickers hardness
- Rockwell hardness
- Brinell hardness
- Universal tensile machine

#### **Achievements:**

1. Best paper award for the paper titled “Thermoelectric properties on nano crystalline  $Ti_{1-x}Ta_xNiSn$  ( $x=0, 0.01, 0.03, 0.05$ )” synthesized by Mechanical Alloying in International Symposium for Research Scholars (2016), held at IIT Madras, Chennai, India.
2. No of Projects handled in B. Tech. M. Tech is 2
3. Work Shops, Seminars Attended : 30
4. No of international paper published: 03
5. 8th rank in AP PGECET-2017.
6. As a Field Training Instructor for AEs & JEs of DQA (WP) & DQA (N) units.
7. Published paper in Elsevier journal.
8. Done Projects in Reputed Industries & Institutes like RINL, NMDC, BHEL and IIT-M.
9. Done International Courses on Aerospace Structural Materials from TU Delft.

(Kumar Raja Mailapilli)