

**Name**

Puppala Laxman Mani Kanta

**Designation**

Project Junior Scientist

**Qualification**

M.Tech (Materials Science and Engineering)

B.Tech (Metallurgical and Materials Engineering)

**Experience**

Nov' 2016 to till date	Project Junior Scientist, CAEM, ARCI, Chennai.
Aug' 2016 to Oct' 2016	Project Engineer, NFTDC, Hyderabad.
May 2015 to May 2016	Masters Project Trainee, CSIR-NML, Jamshedpur.

**Research Areas of interest**

Electrochemical energy storage materials (Li and Na ion Batteries),  
Phase transformations in materials,  
Electrochemical characterization techniques,  
Corrosion science and engineering and  
Mechanical behavior of materials

**Journal Publications**

"Corrosion behavior of ultrafine-grained AA2024 aluminum alloy produced by cryorolling." **P. Laxman Mani Kanta**, V. C. Srivastava, K. Venkateswarlu, Sharma Paswan, B. Mahato, Goutam Das, K. Sivaprasad,

and K. Gopala Krishna. *International Journal of Minerals, Metallurgy, and Materials* 24, no. 11 (2017): 1293-1305.

### **Conferences**

Participated in "Prediction, Prevention and Post Analysis of Engineering Failures." workshop organized by Society of Failure analysis, Tiruchirappalli chapter in association with NIT Trichirappalli in 2014.

### **Affiliation to professional bodies**

Annual member for the Society of Failure analysis, Tiruchirappalli chapter during 2014-2015.

### **Contact Information**

Centre for Automotive Energy Materials (CAEM),  
ARCI, 7<sup>th</sup> floor, IIT Madras Research Park,  
Taramani, Chennai – 600 113.

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### **Awards and Honors**

Achieved academic proficiency prize by securing third rank in I-IV semesters during masters (2014-2016) in NIT Tiruchirappalli.