

Name  
V. Uma



Qualification  
Master in Electronics Science

Designation  
Technical Officer C

Research Areas of Interest  
Instrumentation, Automation and characterization of Soft magnets, electrical resistivity measurement

List of Journal Publications:

Title: One step Anodization/ Sol-gel deposition of Ce<sup>+</sup> doped silica zirconia self healing coating on Aluminum,  
ISRN corrosion, article Id 424805.

Title: High saturation magnetization in Fe-0.4 wt. % P alloy processed by a two-step heat treatment,  
Journal of Magnetism and Magnetic Materials.

List of Patents:

"An improved composition for coating anodizable metal surfaces and a process of coating the same"  
Patent Application No. 1310/DEL/2013

Affiliation to Professional societies:  
Magnetic Society of India

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