List of publication arising from the thesis

Journal:


5) “Zirconia Nanocontainer Based Active Anticorrosion Coatings for 9Cr-1Mo Ferritic Steel”, C. Arunchandran, S. Ramya, R.P. George, U. Kamachi Mudali, communicated to *Surface Engineering* (Under Review)

6) “Nanocontainer Impregnated Hybrid Epoxy Coatings for Active Corrosion Protection of 9Cr-1Mo steel”, C. Arunchandran, R.P. George, U. Kamachi Mudali, communicated to *Corrosion* (Under Review)

7) “A Review on Inhibitor Loaded Nanocontainers Impregnated Coatings for Active Corrosion Protection”, C. Arunchandran, U. Kamachi Mudali, to be communicated to *Corrosion Reviews*
Chapters in books and reports:


Conferences:

training program on Paints and Coating on 13\textsuperscript{th}-15\textsuperscript{th} July, 2012 at Hotel Jayapuspam, Chennai.


7) C.Arunchandran, S. Ramya, R. P. George, U. Kamachi Mudali, “Inhibitor Loaded Hollow Mesoporous Zirconia Nanocontainers Based Hybrid Coatings for Corrosion Protection of Modified 9Cr-1Mo Ferritic Steel”, Oral presentation at CORCORN-2013, 30\textsuperscript{th} September to 3\textsuperscript{rd} October, 2013 at New Delhi.

8) C.Arunchandran, S. Ramya, R. P. George, U. Kamachi Mudali, “Hollow Mesoporous Zirconia Nanospheres for Active Corrosion Protection”, Oral presentation at NACE International EAP Area Conference & Expo-2013, 19\textsuperscript{th} November to 21\textsuperscript{st} November, 2013 at Kyoto, Japan.

Awards and Recognitions:


2) **Best Oral Presentation Award** – “Enhanced localized corrosion resistance of modified 9Cr-1Mo steel by hollow mesoporous silica based self healing coatings”, paper presented at international Corrosion Prevention Symposium for Research Scholars, CORSYM-2013 on February 28-March 02, 2013 at Chennai, India.

3) **Best Poster Presentation Award** - “Nanocontainer impregnated Self-healing Surface Modification for Corrosion Protection”, Poster presentation at poster presentation at Workshop on Electrochemical Techniques for Nano-Scale Surface Engineering, January 5-6, 2012, Anushaktinagar, BARC Mumbai-400095, India.


5) **Best Poster Presentation Award**: “Zirconia Nanocontainers for Active Corrosion Protection”, Poster presentation at NIGIS South Zone Student Poster Session during Short Term Training Course on Corrosion and its Control on January 30-31, 2014 at SRM University.

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