PERSONAL PROFILE



Dr. NEETHU RAVEENDRAN M
Assistant Professor
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Name : **Dr. NEETHU RAVEENDRAN M**
M.Sc., NET, Ph.D.

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Age & Date of Birth : 29 & 20-06-1994

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Languages Known : Malayalam, English, Hindi, Kannada

Title of Ph.D.

Electrodeposition of Ni-based alloy coatings and their electrochemical behaviours

Education

Course	Institution	Year	Specialization
Ph.D.	National Institute of Technology Karnataka, Surathkal	2022	Electrodeposition of alloy coatings and its electrochemical behaviours
NET	CSIR	2016	Chemical Science
M.Sc.	National Institute of Technology Karnataka, Surathkal	2016	Chemistry
B.Sc.	Payyanur College, Kannur University	2014	Chemistry

List of Publications

1. Raveendran M. Neethu and A. Chitharanjan Hegde (2020). “Development of Ni-W alloy coatings and their electrocatalytic activity for water splitting reaction.” Phys. B Condens. Matter, 597, 412359.

2. M. Neethu Raveendran and A. Chitharanjan Hegde (2021). "Effect of Potassium Sodium Tartrate on Composition and Corrosion Performance of Ni–W Alloy Coatings." Surf. Eng. Appl. Electrochem., 57(2), 268–276.
3. M. Neethu Raveendran and A. Chitharanjan Hegde (2021). "Electrodeposition of multilayer NiW alloy coating for improved anticorrosion performance." Bull. Mater. Sci., 44(2), 1-11.
4. M. Neethu Raveendran and A. Chitharanjan Hegde (2022). "Anomalous codeposition of NiCo alloy coatings and their corrosion behaviour." Mater. Today Proc., 62(8), 5047-5052.
5. Vattakkoval Nisha, Fabeena Jahan Jaleel, Manjacheri Kuppadakkath Ranjusha, Padinjare Veetil Salija, M. Neethu Raveendran, Anjali Paravannoor & Baiju Kizhakkekilikoodayil Vijayan (2024). Effect of precursors in the supercapacitor performance of g-C_3N_4. MRS Advances, 9, 1188–1195

Research work presented in conferences

1. Neethu Raveendran M, Cindrella N Gonsalves and A C. Hegde (2018). "Electroplating of Cu-Ni alloy for protection of mild steel." 37th Annual National Conference of the Indian Council of Chemists, held at NITK, Surathkal on December 12-14, 2018.
2. Neethu Raveendran M and A C. Hegde (2019) "Development of multilayer NiW alloy coating for better corrosion protection" International Symposium, iSAEST-12, held at SAEST, Karaikudi, Tamil Nadu on January 08-10, 2019.
3. Neethu Raveendran M and A C. Hegde (2020) "Development of NiW alloy coatings and their electrocatalytic activity for water splitting reaction" International conference, CTFM-2020, held at Physics department, NITK Surathkal on January 15-17, 2020.
4. Neethu Raveendran M and A C. Hegde (2020) "Effect of magnetic field on the electrodeposition of Ni-Cd alloy coating" International conference, EIHE – 2020, held at DAE convention centre, BARC, Mumbai on January 21-25, 2020.
5. Neethu Raveendran M and A C. Hegde (2022) "Anomalous codeposition of NiCo alloy coatings and their corrosion behaviour." International conference, ICETMT -2022 held online on February 10-11, 2022.

I hereby declare that above mentioned information are true to the best of my knowledge and belief.

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