

IDHAYA COLLEGE FOR WOMEN
AROCKIA NAGAR, SARUGANI, SIVAGANGA DIST– 630 411

FACULTY PROFILE

Department: Chemistry

1. **Name** : Dr. K. Vijayarani
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3. **Educational Qualification** : M.Sc., M.Phil., Ph.D.,
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5. **Teaching Experience** : 4 Years
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9. **Area of Specialization** : Electro Chemistry

10. Publications:

S.No.	Title of The Article	Name of The Journal	Month& Year	Issn/Isbn. No
1.	Effects of addition of alkaline earth metal-beryllium on the dissolution behaviour of aluminum-zinc alloy	Portugaliae electrochemical Acta	Feb 2017	3591-102
2.	Galvanic corrosion characteristics of aluminum alloys with group II metal	IOSR Journal of Applied Physics	Feb 2017	2278-4861
3.	Evaluation of porous nickel hydroxide electrode for the oxidation of aliphatic and aromatic primary alcohols	Indian journal of Applied physics	Nov 2010	411-418

11. Paper Presented in Inter National Conference

S.No.	Title of the Paper	Programme	Year	Presented/ Participated
1.	Effects of addition of alkaline earth metal-beryllium on the dissolution behaviour of aluminum-zinc alloy	19 th National convention of electrochemists (nce-19) organized by society for advancement of electrochemical science and technology (saest), Karaikudi, , held at NIT Trichy, India	2014	Participated
2.	The effects of beryllium on microstructure and electrochemical properties of al-zn based sacrificial anode alloys	National convention of electrochemists (nce-18) on emerging trends in electrochemical engineering, science and technology (etest-18), organized by society for advancement of electrochemical science and technology (saest), Karaikudi	26.02.16 & 2016	Participated
3.	Effects of magnesium addition on microstructure and electrochemical characteristics of al-zn alloy anode	National congress on corrosion control organized by national corrosion council of India, c/o central electrochemical research institute, Karaikudi held at hotel green park, Chennai, India	26.02.16 & 2016	Participated
4.	Galvanic corrosion characteristics of aluminum alloy with group ii metal	National conference on current advancement in physics (nccap-2017) organized by department of physics, St.John's college, Tirunelveli	04.02.17 & 2017	Participated