


Name of the Teaching Staff	Dr. C. JOSEPH KENNADY			
Designation	Professor and Dean			
Department	Department of Applied Chemistry			
School	School of Sciences, Media and Management			
Date of Joining the Institution	03.01.2002			
Qualification with Specialization	UG	PG	Ph.D.	
	General Chemistry	General Chemistry	Electro Chemistry	
Value Additions	ISO Quality auditor, NAAC peer team member			
Research Expertise	Electrochemistry and Nanomaterials			
Subjects Teaching	Under Graduate		Post Graduate	
	Engineering Chemistry Applied Chemistry Applied Chemistry Lab Nano-safety & ethics Inorganic Chemistry		Inorganic Chemistry - I Inorganic Chemistry - II Inorganic Chemistry - III	
Total Experience in Years	Teaching	Industry	Research	
	19 years	4 Years 6 months	30 years	
Papers Published	National	10	International	32
Papers Presented in Conference	National	17	International	07
Conferences / Symposiums / Seminars / Workshops Participated	National	7	International	01
FDP / STTP / MDP / Summer / Winter School attended	ABET Accreditation and Program Assessment Workshop, Chennai, 2015			
M.Phil. / Ph.D. Guide ship	Field		University	
	Electrochemistry		Karunya Institute of Technology and Sciences	
Ph.D. Projects Guided	Ph.D.s	Completed : 3 Pursuing : 1	Project at Master's Level	Many
Professional Memberships	Society of Advancement of Electrochemical Science and Technology (SAEST) Electrochemical society of India (ECSI)			
Consultancy Activities	Metal finishing, Nano electrodeposition			
Awards & Honours	Senior Research Fellowship, CSIR, New Delhi Research Associateship, CSIR, New Delhi			

Grants Fetched	US 5000 Dollars from United Board for Christian Higher Education 2016
Interaction with Professional Institutions	
Educational Details with Institute / University Name	B.Sc. – Madurai Kamaraj University, Madurai M.Sc. – Bharathidasan University, Tiruchirappalli M.Phil. – NA Ph.D. – Madurai Kamaraj University, Madurai
Experience	-
Contact Details	Room No : Dean Office Building : S&H Block Mobile : 9487846535 Intercom : 4480 E-mail : dean_as@karunya.edu Google Scholar link : Webpage(if any) :

Papers Published

- Uppalapati Pramod Kumar.; Tongxiang, Liang.;* **C, Joseph Kennady.**; Raju, Nandhakumar*.; Jayaraj, Prabhu. Influence of Positional Isomeric Spacers of Naphthalene Derivatives on Ni–W Alloy Electrodeposition: Electrochemical and Microstructural Properties. *ACS Omega*, 5, 7, 3376-3388, **2020**.
- Pramod Kumar, U., Shanmugan, S., **Joseph Kennady, C.**, Shibli, S.M.A., Anti-corrosion and microstructural properties of Ni–W alloy coatings: effect of 3,4-Dihydroxybenzaldehyde, *Heliyon*, 2019, 5(3),e01288
- Tamilarasi, J., **Joseph Kennady, C.**, Velmurugan, K., Corrosion inhibition of mild steel in hydrochloric acid by using newly synthesized 3-(1H-benzo[d]imidazol-2-yl) quinolin-2-thiol, *Voprosy Khimii i Khimicheskoi Tekhnologii*, 201, (3), pp. 127-133
- V. Pramod Kumar, S. Saranya, K. Parameswari, **C. Joseph Kennady**, Influence of p-hydroxy benzaldehyde on the corrosion properties of Ni-W coating on mild steel, *Issues of chemistry and chemical Technology*, 2017, 5, 11-18
- K. Parameswari and **C. Joseph Kennady**, Comparative Study of Preparation, Phase formation and Application of Ti/TiO₂ electrode prepared by thermal decomposition of TiCl₃ with HNO₃/H₂O₂, *Chem. Sci. Rev.*, 3 (11), 388-393, 2014
- K.Parameswari and **C.Joseph Kennady**. Surface Morphology, Electrocatalytic Activity, Corrosion Resistance and Electro-organic Application of Ti/TiO₂ prepared by Thermal Decomposition of TTIP’, *International Journal of Applied Sciences and Nanotechnology*, Issue 1, 67-73, 2013.
- K. Parameswari, **C. Joseph Kennady**. Properties and Electro-Organic Applications of Nano crystalline Ti/TiO₂ Electrode Prepared by Anodizing Method, *Journal of the Electrochemical Society of India*, IISc, Bangalore, 61, 1, 12-17, 2012

- K. Parameswari, **C. Joseph Kennady**. Crystalline structure and electro organic application of Ti/TiO₂, Karunya Research Journal, 1, 3,67, 2011
- K. Parameswari, **C. Joseph Kennady**. Structural and electrochemical Properties of Ti/TiO₂ electrode prepared by thermal decomposition method, J. Elecro. Chem. Society. India, 2010, 59, 3, 24-28
- Emerson, R.N., **Kennady, C.J.**, Ganesan, S., Effect of organic additives on the magnetic properties of electrodeposited CoNiP hard magnetic films, Thin Solid Films, 2007, 515, 3391- 3396
- Emerson, R.N., **Kennady, C.J.**, Ganesan, S., Effect of phosphorous source material on the electrodeposition of CoNiP magnetic films, Journal of Applied Sciences, 2006, 6, 1, 227- 232

Papers Presented in Conference

- Characterization of Chromium Electrodeposits from trivalent electrolyte coated on mild steel U.Pramod Kumar and **C.Joseph Kennady**
Presented poster in the National Conference on Innovations in Chemistry-Health and Energy (i-CHEM-HE 2014) at Karunya University , Feb.6-8, 2014
- Inhibitive Effect of Benzaldehyde on Ni-W Alloy Coatings in Acidic Medium
U.Pramod Kumar and **C.Joseph Kennady**
Paper Presented in the National Conference on Advancement in Materials Science at Coimbatore Institute of Technology, Sept.26-27, 2014
- Phase Manipulation in TiO₂ coating on titanium substrate by Thermal Decomposition Method for for better Electro and Photocatalytic Effect
K.Parameswari and **C.Joseph Kennady**
International Conference on Nanomaterials and Nanotechnology (NANO-2015), KSR Rangasamy College of Technology, Thiruchengodu, Tamilnadu, Dec 07-10, 2015.
- Phase Manipulation in TiO₂ for better Electro and Photocatalytic Effect
K.Parameswari and **C.Joseph Kennady**
Second International Conference Proceedings on Nanostructured Materials and Nanocomposites ICNM 2014, Mahatma Gandhi University, Kottayam 19-21, Dec.2014 Page 22

Patents

1. Indian patent, 262/DEL/1993

Books / Book Chapters

- Surface morphology, Electrocatalytic activity, Corrosion resistance and Electro-organic application of Ti/TiO₂ electrode prepared by thermal decomposition of Titanium Trichloride and H₂O₂ K.Parameswari and **C. Joseph Kennady**, Advanced Nano Materials for Industrial Applications, pp. 317-324 (2012). © Bloomsbury Publishing India Pvt. Ltd.
- Phase Manipulation in TiO₂ Coating on Titanium Substrate by Thermal Decomposition Method for Better Electrocatalytic and Photocatalytic Effect. K.Parameswari and **C. Joseph Kennady**, Advanced Nano Materials: Synthesis and Applications, pp. 231-236 (2015). Bloomsbury Publishing India Pvt. Ltd.- ISBN:978-93-85436-74-1
- Phase Manipulation in TiO₂ for Better Electrocatalytic and Photocatalytic Effect Part II (Nanomaterials as Catalyst) Chapter 11 K.Parameswari and **C. Joseph Kennady**, Nanomaterials, Apple Academy Press.

Research Group Members

Dr. K. Parameswari
Dr. Pramod Kumar
Dr. Tamil Arasi

Any other additional details