


FACULTY PROFILE

Name of Teaching Staff / RMK ID	R. Thinesh Kumar /T0879		
Designation	Assistant Professor		
Department	Science & Humanities (Chemistry)		
Date of Joining the Institution	05/06/2015 (Regular)		
Qualifications	M.Sc. (Chemistry)	Ph.D. (Chemistry)	
Total Experience	Overall : 9 Yrs	in RMK : 8 Yrs	
Papers Published in Journal	Overall : 16	After Joining RMK : 03	
List of Papers Published	<ol style="list-style-type: none"> 1. R. Thinesh Kumar, L. John Kennedy, J. Judith Vijaya, Modified sol-gel prepared Sr(II)- added nickel aluminate nanocatalysts for selective oxidation of benzyl alcohol. Journal of Nanoscience and Nanotechnology, 13(4) (2013) 2953. 2. R. Thinesh Kumar, L. John Kennedy, J. Judith Vijaya, Pure and Sr(II)-added copper aluminate nanocomposites: structural, electrical and alcohol sensing studies, Journal of Nanoscience and Nanotechnology, 13 (2013) 2595. 3. R. Thinesh Kumar, P. Suresh, N. Clament Sagaya Selvam, L. John Kennedy, J. Judith Vijaya, Comparative study of nano copper aluminate spinel prepared by sol-gel and modified sol-gel techniques: Structural, electrical, optical and catalytic studies, Journal of Alloys and Compounds, 522 (2012) 39. 4. R. Thinesh Kumar, N. Clament Sagaya Selvam, C. Raghupathi, L. Judith Vijaya, Synthesis, characterization and performance of porous Sr(II)-added ZnAl₂O₄, anomaterials for optical and catalytic applications, Powder Technology, 224 (2012) 147. 5. R. Thinesh Kumar, T. Adinaveen, N. Clament Sagaya Selvam, L. John Kennedy, J. Judith Vijaya, Strontium (II)-added CoAl₂O₄ nanocatalysts for the selective oxidation of alcohols, Kinetics Mechanism and Catalysis, 106 (2012) 379. 6. R. Thinesh Kumar, N. Clament Sagaya Selvam, L. John Kennedy, J. Judith Vijaya, Selective Catalytic Oxidation of Benzyl Alcohol by Sol-Gel Synthesized Nano Copper Aluminate, Asian Journal of Chemistry, 24 (2011) 1125. 7. N. Clament Sagaya Selvam, R. Thinesh Kumar, L. John Kennedy, J. Judith Vijaya, Simple and rapid synthesis of cadmium oxide (CdO) nanospheres by microwave assisted combustion method, Powder Technology, 211(2011) 250. 8. N. Clament Sagaya Selvam, R. Thinesh Kumar, L. John Kennedy, J. Judith Vijaya, Comparative study of microwave and conventional methods for the preparation and optical properties of novel MgO-micro and nano-structures, Journal of Alloys and Compounds, 509 (2011) 9809. 		

	<p>9. A. Manikandan, N. Clament Sagaya Selvam, L. John Kennedy, R. Thinesh Kumar, J. Judith Vijaya, Structural and optical Properties of novel ZrO₂ nanostructures by microwave and solution combustion method, <i>Journal of Nanoscience and Nanotechnology</i>, 13 (2013) 2595</p> <p>10.P. Suresh, L. John Kennedy, J. Judith Vijaya, R. Thinesh Kumar, Two Stage-Two Step Activation Process for the Fabrication of Micro-Mesoporous Carbons from Rice Husk, <i>J. Bioprocess Eng. Biorefinery</i> 2 (2013) 230.</p> <p>11.N. Clament Sagaya Selvam, R. Thinesh Kumar, L. John Kennedy, J. Judith Vijaya, Studies on Heterobinuclear Copper–Zinc Complexes of Amino acids as Biomimic Systems of Superoxide Dismutase, <i>Asian Journal of Chemistry</i>, 23(2011) 4328.</p> <p>12.J. Joseph Freedman, L. John Kennedy, R. Thinesh Kumar, G. Sekaran, J. Judith Vijaya, Studies on structural and optical properties of zinc oxide nanobushes and Co- doped ZnO self aggregated nanorods synthesized by simple thermal decomposition route. <i>Materials Research Bulletin</i>, 45 (10) (2010) 1481-1486.</p> <p>13.J. Judith Vijaya, L. John Kennedy, G. Sekaran, A. Meenakshisundaram, R. Thinesh Kumar, P. Amalathi, K.S. Nagaraja, Alcohol sensing properties of sol-gel prepared Sr(II)- added cobalt aluminate spinel composites. <i>Sensors and Actuators B</i>, 129 (2008) 741-749.</p> <p>14.C. Raghupathi, J. Judith Vijaya, R. Thinesh Kumar, L. John Kennedy, Selective liquid phase oxidation of benzyl alcohol catalyzed by copper aluminate nanostructures, <i>Journal of Molecular Structure</i>, 1079 (2015) 182-188</p> <p>15.P. BalaRamesh, P. Venkatesh, R. Thinesh Kumar, S. Jayalakshmi, Influence of triazole stabilizers on the surface morphology of environmentally benign electroless nano copper deposition, <i>Surface Engineering & Applied Electrochemistry</i>, 53 (2017) 509–514</p> <p>16.A. Jagadesan, N. Sivakumar, R. Thinesh Kumar, S. Arjunan, Growth, Structure and Spectroscopic Studies of an Organic Optical Material: Benzimidazole Benzimidazolium Picrate Crystal, <i>Advanced Material Proceedings</i> 4 (2019) 122-124</p>	
Papers Presented in Conferences (Scopus / WoS indexed only)	Overall : 3	After Joining RMK : 1
Ph.Ds / Projects Guided	Ph.Ds Guided : -	Student Projects Guided : -
Books Published :	Count: 1	

	Book chapter in the title Nanomaterials for heavy metal removal in the book of <i>Advanced Environmental Analysis: Applications of Nanomaterials</i> Volume 1 (2016) published by Wiley Interscience	
Patents	Published Count : 1	Granted Count : -
	1. Biomaterial infused chitosan beads for the effective removal of oil and heavy metal ions	
Professional Memberships	HKCBEEES	
Consultancy Projects Completed	Count : --	
Awards Received	Count :--	
	List :	
Research grants Received	--	
Orchid Link / ID	0000-0003-1441-1954	
Google Scholar Link / ID	https://scholar.google.com/citations?user=ad7YWVVoAAAAJ&hl=en&oi=ao	
Vidwan Link / ID	281627	
Research Gate Link / ID	https://www.researchgate.net/profile/Thinesh-Kumar-R	
Scopus Link / ID	57214873205	