

Resumé

I General Information

Name : Mrs.R.Hepzi Pramila Devamani
Father's Name : Mr.N.Rathinam
Age : 41 Years
Designation : Assistant Professor of Physics
Department : B.Sc Electronics and Communicatio
& M.Sc Physics
Email ID : hepzi.justin2001@gmail.com
Date of appointment : 18.03.2016
Date of retirement : 31.03.2033



II Educational Qualification

Examination Passed	Board/University	Subject	Year of Passing
SSLC	Board of Secondary Education		1990
PUC/ Higher Secondary	Board of Higher Secondary Education		1992
Bachelor's Degree	Madurai Kamaraj University	Physics	1995
Master's Degree	Madurai Kamaraj University	Physics	1997
M.Phil	Madurai Kamaraj University	Physics	2002
PhD	Madurai Kamaraj University	Physics	2015
PGDCA	Madurai Kamaraj University	Computer applications	1998

III Teaching Experience : UG : 17Years
PG : 17Years
Field of Specialization : Nano science
Awards won : Secured University Second rank in M.Sc
Secured gold medal in M.Sc from our College

IV Research Experience

i In-house projects guided

Year	UG / PG / M.Phil	Number of Students	Area of study
2002 - 2003	B.Sc E & C	4	IC 555 Applications
2003 - 2004	B.Sc E & C	4	UPS for cardless telephones
2005 - 2006	M.Sc Physics	3	IC Tester using Microprocessor8085
2006 - 2007	M.Sc Physics	2	Automatic Railway Gate using Microprocessor 8085
2007 - 2008	M.Sc Physics	3	Fuzzy Logic temperature Controller
2008 - 2009	M.Sc Physics	2	Comparing binary, duo binary, di code, partial response signal in a two channel WDM System
2013-2014	M.Sc Physics	1	Synthesis and Characterization of

			Lead Chromate Nanoparticles
2013-2014	M.Sc Physics	1	Synthesis and Characterization of Lead Carbonate Nanoparticles
2013-2014	M.Sc Physics	1	Synthesis and Characterization of Copper Chromate Nanoparticles
2013-2014	M.Sc Physics	1	Synthesis and Characterization of Copper Carbonate Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Cobalt Carbonate Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Cobalt Hydroxide Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Calcium Carbonate Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Lead Chloride Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Iron Carbonate Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Magnesium Carbonate Nanoparticles
2014-2015	M.Sc Physics	2	Synthesis and Characterization of Nickel Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of Nickel Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of Calcium Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of cobalt Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of Copper Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of Lead Carbonate Nanoparticles
2015-2016	M.Sc Physics	2	Morphology and Thermal studies of Magnesium Carbonate Nanoparticles

No. of articles published in Journals

International : 27

National : 2

No. of papers presented in Seminars / Conferences

International : 2

National : 2

No. of articles published in Books / Conference Proceedings : 4 (2-Int,2-Nat)

ii **Articles published**

Title of the Article	Name of the Journal	Impact Factor	Database	Citation Index
Synthesis and Characterization of Barium Phosphate Nanoparticles	Golden Research Thoughts	3.4052	-	-
Synthesis and Characterization of Lead (II) Hydroxide Nanoparticles	International Journal of Applied Science and Engineering Research	-	-	-
Synthesis and Characterization of Aluminium Phosphate Nanoparticles	International Journal of Applied Science and Engineering Research	-	-	-
Synthesis and Characterization of Cerium Phospho Chromate and Cd doped Cerium Phospho Chromate in nano - form	Indian Journal of Pure and Applied Physics	0.766	-	-
Synthesis and Characterization of Copper (II) Phosphate Nanoparticles	Elixir Nanotechnology	ICV: 80.82, PIF: 6.025	-	-
Synthesis and Characterization of Lead (II) Phosphate Nanoparticles	Elixir Nanotechnology	ICV: 80.82, PIF: 6.025	-	-
Synthesis and Characterization of Iron (II) Hydroxide Nanoparticles	Elixir Nanotechnology	ICV: 80.82, PIF: 6.025	-	-
Synthesis and Characterization of Iron (II) Chromate Nanoparticles	Elixir Nanotechnology	ICV: 80.82, PIF: 6.025	-	-
Synthesis and Characterization Copper (II) Hydroxide Nanoparticles	Nano Biomedicine and Engineering Journal		-	1
Synthesis and Characterization Barium Hydroxide Nanoparticles	Asian Academic Research Journal of Multidisciplinary	ICV 5.05, ISRA:2.015	-	-
Synthesis and	Golden Research Thoughts	3.4052	-	-

Characterization Copper Carbonate Nanoparticles				
Synthesis and Characterization Lead Chromate Nanoparticles	International Journal of Scientific Research	ICV: 69.48,IF: 3.508	-	-
Synthesis and Characterization Copper Chromate Nanoparticles	Weekly Science Research Journal	2.4210	-	-
Synthesis and Characterization Lead Carbonate Nanoparticles	Golden Research Thoughts	3.4052	-	-
XRD Studies of Lead Carbonate Nanoparticles	VVVC Multidisciplinary Research Journal	-	-	-
Synthesis and Characterization of Cobalt Hydroxide Nanoparticles	Golden Research Thoughts	3.4052	-	-
Synthesis and Characterization of Calcium Carbonate Nanoparticles	Journal of Environmental Sciences, Computer Science and Science and technology	SJIF: 5.048	-	-
Synthesis and Characterization of Cobalt Carbonate Nanoparticles	International Research Journal of Natural and Applied Sciences	SJIF:3.827	-	-
Synthesis and Characterization of Lead Chloride Nanoparticles	International Journal of Current Research in Chemistry and Pharmaceutical sciences	5.749	-	-
Synthesis and Characterization of Iron Carbonate Nanoparticles	Science Park Research Journal	2.1005	-	-
Synthesis and Characterization of Nickel Carbonate Nanoparticles	Golden Research Thoughts	3.4052	-	-
Synthesis and Characterization of Cobalt Hydroxide Nanoparticles	Golden Research Thoughts	3.4052		
Synthesis and Characterization of Calcium Carbonate	Journal of Environmental Sciences, Computer Science and Science and	SJIF: 5.048		

Nanoparticles	technology			
Synthesis and Characterization of Magnesium Carbonate Nanoparticles	International Journal of Engineering and Scientific Research	5.9		
Morphology and Thermal properties of Nickel Carbonate Nanoparticles	International Journal of Science Technology and Management	2.012		
Morphology and Thermal Studies of Calcium Carbonate Nanoparticles	International Journal of Innovative Science, Engineering and Technology	4.332		
Morphology and Thermal Studies of Cobalt Carbonate Nanoparticles	Asian Academic Research Journal of Multidisciplinary	ICV 5.05, ISRA:2.015		
Morphology and Thermal Studies of Copper Carbonate Nanoparticles	International Journal of Modern Science and Engineering Technology	3.094		
Morphology and Thermal Studies of Magnesium Carbonate Nanoparticles	International Research Journal of Natural and Applied Sciences	SJIF:3.827		
Morphology and Thermal Studies of Lead Carbonate Nanoparticles	International journal of Engineering science and innovative technology	1.913		
Synthesis and characterization of Potassium Copper Sulphate Hydrate nanoparticles	International Journal of Innovative Science, Engineering and Technology	4.332		

iii **Papers presented**

Date	Seminar / Conference	Level	Title of the paper	Venue
12.09.2013	Approaches and Applications of Nano Science and Nanotechnology	National	Characterization of Copper (II) Hydroxide Nanoparticles	ANJA College, Sivakasi
13.12.2013	Guest Lecture	-	Synthesis and Characterization of Iron (II) Chromate	Sri Ramaswamy Naidu Memorial College, Sattur

			Nanoparticles	
03.01.2014	Guest Lecture	-	Synthesis and Characterization of Copper Phosphate Nanoparticles	Devanga College, Aruppukottai
22.12.2014 - 23.12.2014	Recent trends in materials	International	Synthesis and Characterization of Lead Chloride Nanoparticles	Devanga College, Aruppukottai
22.01.2016 - 23.01.2016	Recent trends in materials	International	Structural, Compositional, Optical and Thermal analysis of Magnesium Carbonate Nanoparticles	Devanga College, Aruppukottai
26.02.2016	Nuclear Energy for future generations	National	Structural, Compositional, Optical and Thermal analysis of Cobalt Carbonate Nanoparticles	Kamaraj College of Engineering and Technology, Virudhunagar

iv **Articles published in Books / Conference Proceedings -**

Year	Book title / Conference	Article title
2013	Approaches and Applications of Nano Science and Nanotechnology	Characterization Copper (II) Hydroxide Nanoparticles
2014	Recent trends in materials	Synthesis and Characterization of Lead Chloride Nanoparticles
2016	Recent trends in materials	Structural, Compositional, Optical and Thermal analysis of Magnesium Carbonate Nanoparticles
2016	Nuclear Energy for future generations	Structural, Compositional, Optical and Thermal analysis of Cobalt Carbonate Nanoparticles

V **No. of Seminars/Conferences/Workshops attended-31**

As a member of Board of Studies :

University / College	Period	Board
Sourashtra College, Madurai	From 2014- till date	Electronics and Communication
MTN College	From 2015- till date	Electronics and Communication