Profile

Name with Designation and Department

Dr Praveena K
Assistant Professor
Department of Physics

Personal Details:

Full Name	:	**K. Praveena**
Father's Name	:	**K. Bathakaiah**
Date of Birth	:	**04-08-1979**
Place of Birth	:	**Alampur**
Social Status	:	**OBC**
Marital Status	:	**Married**
Nationality	:	**Indian**
Languages known	:	**English, Hindi and Telugu**
Email id	:	**praveenaou@gmail.com**
Mobile	:	**9966776103/8074191797**
Permanent Address	:	**H. No: 23-46, Near Old Bus stand, Temple Road, Alampur – 509152, Mahabubnagar, Telangana State**
Address for Communication	:	**Backside of Lakshmi Devi temple, Bandameedipally, Mahabubnagar-509001, Telangana State.**

1. Educational Qualifications (starting with highest degree obtained) :

Sl. No.	Examination/ Degree	Name of Board/University	Percentage of marks/Grade	Discipline/Subject(s)	Year of Passing
1	Ph.D	Osmania University	---	Physics	2010
2	M.Sc	University College for Women, Osmania University, Hyderabad, India	63.2	Physics	2003
3	B. Sc	University College for Women, Osmania University, Hyderabad, India	68	Mathematics, Physics and Electronic Equipment & Maintenance	2000

2. Title of Ph.D. Thesis:

Development of Nanocrystalline MnZn ferrites for high frequency transformer applications

(i) Date & Year of award 24th May 2010 **University** Osmania University

3. Experience:

(i) Teaching *06* Years

(ii) Research (Excluding M. Phil. /Ph.D. Research) *05* Years

(iii) Total: *11* Years

4. Details of Employment (in chronological order starting with most recent)

Sl. No.	Name of the Employer	Status of the Institute/University (Govt./Quasi Govt./Autonomous/ Private)	Post held/Designation	Period of Employment	Pay band/ Scale and Grade Pay
1	Eternal University, Baru Sahib, Himachal Pradesh	Quasi. Governement	Associate Professor	February 5th 2015 to October 22nd 2015	UGC payscale
2	Department of Physics, Osmania University, Hyderabad	Government	Assistant Professor on Contract	4th May 2010 to 31st March 2011	Consolidated 18,000/-
3	Andhra Mahila Sabha Arts &	Quasi Government	Lecturer	23rd July 2003 to 31st July 2007	Consolidated 12,000/-

	Science College, Hyderabad-500007				

5. Details of Research Experience:

Sl. No.	Position	Project	Country	Period	Institution	Funding
1	Post-Doctoral Fellow	Transition Metal Dichalcogenodes (TMD's)	Taiwan	24th October 2015 to 31st March 2017	National Taiwan Normal University, Taipei, Taiwan	Ministry of Science and Technology (MOST), Taiwan. Govt.
2	Dr D.S.Kothari Postdoctoral Fellow	Lead free piezoelectric ceramics for sensors and actuators	India	January 2012 to 29th January 2015	Materials Research Centre, Indian Institute of Science (I.I.Sc), Banglore-560012	University Grants Commission (UGC), New Delhi, India.
3	Research Associate	Synthesis and Characterization of Ferrite/Conductive Polymer Nanocomposites for EMI applications	India	1st April 2011 to 29th January 2012	School of Physics, University of Hyderabad, Hyderabad-500046	Council of Scientific & Industrial Research (CSIR), New Delhi, India.
4	Junior Research Fellow (JRF)	Dehydration & Rehydration behavior of Microwave hydrothermally synthesized and naturally occurring Zeolites	India	1st August 2007- 3rd May 2010	Department of Physics Osmania University, Hyderabad -500 007	Department of Science and Technology (DST), New Delhi, India.

6. Academic Experience:

Sl. No.	Designation	Organization/Institute/University	Period
1	Associate Professor	Eternal University, Baru Sahib, Himachal Pradesh	February 5th 2015 to October 22nd 2015
2	Assistant Professor on Contract	Department of Physics, Osmania University, Hyderabad	4th May 2010 to 31st March 2011
3	Lecturer	Andhra Mahila Sabha Arts & Science College, Hyderabad-500007	23rd July 2003 to 31st July 2007

7. Publications: Type of Publication (Books/Book Chapters / /Research Article)

Sl. No.	Details	Authorship (first/ corresponding)	ISSN/ ISSB
1	Synthesis and characterization of $BaTiO_3$ via microwave-hydrothermal, LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany.	First & Corresponding	ISBN 978-3-659-60851-3
2	Book title: Advances in Polymer-Polymer Composites Book Chapter: Spinel Ferrtites/PANI Composites for microwave-absorbing properties De Gruyter, GmbH, Germany.	First & Corresponding	
3	Low temperature Mössbauer spectroscopic studies on Sm^{3+} doped Zn-Mn ferrites VJ Angadi, SP Kubrin, DA Sarychev, S Matteppanavar, B Rudraswamy, Hsiang-Lin Liu, **K Praveena** Journal of Magnetism and Magnetic Materials, 441 (2017) 348-355	First & Corresponding	
4	Structural, electrical and magnetic properties of Sc^{3+} doped Mn-Zn ferrite nanoparticles VJ Angadi, L Choudhury, K Sadhana, HL Liu, R Sandhya, Shidaling Matteppanavar, B Rudraswamy, Vinayak Pattar, RV Anavekar, **K Praveena**. Journal of Magnetism and Magnetic Materials 424, 1-11 (2017)	Corresponding	
5	Effect of sintering temperature on the structural, dielectric and magnetic properties of $Ni_{0.4}Zn_{0.2}Mn_{0.4}Fe_2O_4$ potential for radar absorbing **K Praveena**, K Sadhana, S Matteppanavar, HL Liu Journal of Magnetism and Magnetic Materials 423, 343-352 (2017)	First & Corresponding	
6	Microwave absorption studies of magnetic sublattices in microwave sintered Cr^{3+} doped $SrFe_{12}O_{19}$ **K Praveena**, K Sadhana, HL Liu, M Bououdina Journal of Magnetism and Magnetic Materials 426, 604-614 (2017)	First & Corresponding	
7	Structural, Magnetic, Optical, and MEM Studies on Co-precipitated $X_{0.4}Zn_{0.6}Fe_2O_4$ (X= Co, Mn) Nanoferrite Particles YB Kannan, R Saravanan, N Srinivasan, **K Praveena**, K Sadhana Journal of Superconductivity and Novel Magnetism, 1-10 (2017)		
8	Effect of pH on electrical and magnetic properties of $Al_3Fe_5O_{12}$ nanoparticles **K Praveena,** S Matteppanavar, HL Liu, K	First & Corresponding	

	Sadhana Journal of Materials Science: Materials in Electronics, 28, 4179–4191 (2017)		
9	Structural, magnetic and optical characterization of $Ni_{0.8}Zn_{0.2}Fe_2O_4$ nanoparticles prepared by co-precipitation method Y.B. Kannan, R. Saravanan, N. Srinivasan, **K. Praveena,** K. Sadhana Physica B: Condensed Matter 502, 181-186 (2016).		
10	Effect of Zn substitution on structural, dielectric and magnetic properties of nanocrystalline $Co_{1-x}Zn_xFe_2O_4$ for potential high density recording media **K. Praveena,** K. Sadhana, Hsiang-Lin Liu, S. R. Murthy Journal of Materials Science: Material Electronics 27 (2016) 12680–12690	First & Corresponding	
11	Enhanced magnetic domain relaxation frequency and low power losses in Zn^{2+} substituted manganese ferrites potential for high frequency applications **K. Praveena**, Hsiao-Wen Chen, Hsiang-Lin Liu, K. Sadhana, S.R. Murthy Journal of Magnetism and Magnetic Materials, 420 (2016) 129–142	First & Corresponding	
12	Evidence of structural damage in Sm and Gd codoped Mn-Zn ferrite ceramics due to high-energy gamma irradiation V. Jagadeesha Angadi, A.V. Anupama, R. Kumar, H.M. Somashekarappa, **K. Praveena**, B. Rudraswamy, B. Sahoo Ceramics International 42 (14) 15933-15939 (2016)		
13	Synthesis and characterization of some ferrite nanoparticles prepared by co-precipitation method Y. B. Kannan, R. Saravanan, N. Srinivasan, **K. Praveena**, K. Sadhana J Mater Sci: Mater Electron 27 (11) (2106) 12000–12008		
14	Effect of Zn^{2+} Substituted on Structural and Magnetic Properties of Manganese Ferrite Synthesized via Combustion Route V. Jagadeesha Angadi, B. Rudraswamy, Shidaling Matteppanavar, Basavaraj Angadi, S. E. Naina Vinodini, K. Sadhana and **K. Praveena** Advanced Science Letters 22 (2016) 790-796	First & Corresponding	
15	Structural, multiferroic properties and enhanced magnetoelectric coupling in $Sm_{1-x}Ca_xFeO_3$ **K. Praveena**, P. Bharathi, Hsiang-Lin Liu, K.B.R. Varma Ceramics International (2016) 42(12), 13572–	First & Corresponding	

	13585		
16	Improved microwave absorption properties of TiO_2 and $Ni_{0.53}Cu_{0.12}Zn_{0.35}Fe_2O_4$ nanocomposites potential for microwave devices **K. Praveena**, K. Sadhana, H.L. Liu, N. Maramu, G. Himanandini Journal of Alloys and Compounds, 681 (2016) 499-507	First & Corresponding	
17	Effect of Sm^{3+}–Gd^{3+} on structural, electrical and magnetic properties of Mn–Zn ferrites synthesized via combustion route V. Jagadeesha Angadi, B. Rudraswamy, K. Sadhana, S.Ramana Murthy, **K. Praveena** Journal of Alloys and Compounds, 656 (2016) 5-12	Corresponding	
18	Structural and magnetic properties of manganese zinc ferrite nanoparticles prepared by solution combustion method using mixture of fuels V.J. Angadi, B. Rudraswamy, K. Sadhana, **K. Praveena** Journal of Magnetism and Magnetic Materials 409, 111–115 (2016)	Corresponding	
19	Temperature dependent elastic properties of nanocrystalline $Co_{1-x}Zn_xFe_2O_4$ K. Sadhana, R. Sandhya, S.R. Murthy, **K. Praveena** Materials Science in Semiconductor Processing 40, 578-584 (2015)	Corresponding	
20	Effect of grain size on the structural and magnetic properties of nanocrystalline $Al_3Fe_5O_{12}$ by aqueous coprecipitation method K. Sadhana, S.E. Naina Vinodini, R. Sandhya, **K. Praveena** Adv. Mater. Lett. Volume 6(8), Page 717-725, (2015)	Corresponding	
21	Structural and Magnetic Properties of Mn-Zn Ferrites Synthesized by Microwave-Hydrothermal Process **K. Praveena,** K. Sadhana and H.S. Virk Solid State Phenomena Vol 232 (2015) pp 45-64; Trans Tech Publications, Switzerland	First & Corresponding	
22	Ferromagnetic Properties of Zn substituted Spinel Ferrites for High Frequency Applications *(Review article)* **K. Praveena** and K. Sadhana International Journal of Scientific and Research Publications, 5(4) 1-21, April 2015.	First & Corresponding	
23	Structural and magnetic properties of Dy^{3+} doped $Y_3Fe_5O_{12}$ for microwave devices K. Sadhana, S.Ramana Murthy, **K. Praveena** Materials Science in Semiconductor Processing 34 (2015) 305–311	Corresponding	

24	Effect of Ni–Zr codoping on dielectric and magnetic properties of $SrFe_{12}O_{19}$ via sol–gel route **K. Praveena,** M. Penchal Reddy, M. Bououdina, R. Sandhya, K Sadhana Journal of Magnetism and Magnetic Materials, 382 (2015) 172-178	First	
25	Improved magnetic properties of Cr^{3+} doped $SrFe_{12}O_{19}$ synthesized via microwave hydrothermal route Sadhana Katlakunta, Sher Singh Meena, S.Srinath, M.Bououdina, R. Sandhya and **K.Praveena** Materials Research Bulletin, 63, (2015) 58-66	Corresponding	
26	DC-Bias-Superposition Characteristics of $Ni_{0.4}Zn_{0.2}Mn_{0.4}Fe_2O_4$ Nanopowders Synthesized by Auto-Combustion K. Sadhana, R. Sandhya, and **K. Praveena** Journal of Nanoscience and Nanotechnology 15 (6) (2015) 4552-4557	Corresponding	
27	Mixture of Fuels Approach for the Synthesis of $SrFeO_{3-\delta}$ Nanocatalyst and Its Impact on the Catalytic Reduction of Nitrobenzene Naveen kumar Akula, **Praveena Kuruva**, Shivakumara Chikkadasappa, and Chilukoti Srilakshmi ACS Inorganic Chemistry (2014) 53 (22), pp 12178–12185	First	
28	Structural, magnetic and electrical properties of microwave sintered Cr^{3+} doped Sr-hexaferrites **K. Praveena,** M.Bououdina, M. Penchal Reddy, S.Srinath, R. Sandhya and Sadhana Katlakunta Journal of Electronic Materials, 44(1) (2014) 524-531	First	
29	Enhanced electric field tunable magnetic properties of lead-free $Na_{0.5}Bi_{0.5}TiO_3$–$MnFe_2O_4$ multiferroic composites **K. Praveena** K. B. R. Varma J Mater Sci: Mater Electron, 25 (2014) 5403–5409	First & Corresponding	
30	Structural and magnetic properties of Zn substituted nanocrystalline $Co_{1-}Zn_xFe_2O_4$ K.Sadhana, R.Sandhya, S.R.Murthy and **K. Praveena** Material Focus 3, 291-299 (2014)	First	
31	Effect of Sm^{3+} on dielectric and magnetic properties of $Y_3Fe_5O_{12}$ nanoparticles K. Sadhana, S. R. Murthy and **K. Praveena** J Mater Sci: Mater Electron, 25(11) 5130–5136 (2014)	Corresponding	
32	Ferroelectric and optical properties of $Ba_5Li_2Ti_2Nb_8O_{30}$ ceramics potential for memory applications	First & Corresponding	

	K. Praveena K. B. R. Varma J Mater Sci: Mater Electron, 25, 3103–3108 (2014)		
33	Multiferroic properties of microwave sintered $BaTiO_3$–$SrFe_{12}O_{19}$ composites Sadhana Katlakunta, Pantagani Raju, Sher Singh Meena, Sanyadanam Srinath, Reddigari Sandhya , **Praveena Kuruva** , Sarabu Ramana Murthy Physica B, 448 (1) 2014, 323–326		
34	A highly efficient iron doped $BaTiO_3$ nanocatalyst for the catalytic reduction of nitrobenzene to azoxybenzene Ch. Srilakshmi, H. Vijay Kumar, **K. Praveena,** C. Shivakumara and M. Muralidhar Nayak RSC Advances, (2014), 4, 18881-18884		
35	Effect of Gd^{3+} on dielectric and magnetic properties of $Y_3Fe_5O_{12}$ **K.Praveena** and S. Srinath Journal of Magnetism and Magnetic Materials 349 (2014), 45-50	First & Corresponding	
36	Improved magneto-electric response in $Na_{0.5}Bi_{0.5}TiO_3$-$MnFe_2O_4$ composites **K. Praveena** and K. B. R. Varma Journal of Materials Science: Materials in Electronics (2014) 25:111–116	First & Corresponding	
37	Dielectric and magnetic properties of $NiFe_{2-x}Bi_xO_4$ nanoparticles **K.Praveena** and S. Srinath Advanced Science, Engineering and Medicine, 6(3), (2014), pp. 359-365 (7)	First & Corresponding	
38	Size control and magnetic property trends in cobalt ferrite nanoparticles synthesized using an aqueous chemical route **Praveena Kuruva**, Shidaling Matteppanavar, S.Srinath and Tiju Thomas IEEE transactions on magnetics (2014) 50(1), 5200108 (8)	First	
39	Synthesis and Characterization of $CoFe_2O_4$/ PANI nanocomposites for EMI applications **K. Praveena**, and S.Srinath ASP Journal of Nanoscience and Nanotechnology, 14(6) (2014) 4371-4376(6).	First & Corresponding	
40	Effect of pH on the structural and magnetic properties of nanocrystalline $Y_3Fe_5O_{12}$ by aqueous co-precipitation method. **K.Praveena,** K. Sadhana, S.Srinath and S.R.Murthy Materials Research Innovations (2014) 18, 69-75.	First & Corresponding	
41	Purifying water containing both anionic and cationic species using (Zn, Cu)O, ZnO, and cobalt ferrite based multi-phase adsorbent system		

	Jacob, Niya; **Kuruva, Praveena**; Madras, Giridhar; Thomas, Tiju Industrial and Engineering Chemistry Research (2013) 52, 16384−16395		
42	Effect of low oxygen pressure on structural and magnetic properties of quenched $SrFe_{12}O_{19}$ thin films. S. Katlakunta, **K. Praveena**, R. Singh Materials Science Poland 31(4), pp 581-586 (2013)	Corresponding	
43	Correlations between mechanical and photoluminescence properties in Eu doped sodium bismuth titanate Rajesh K. Prusty, **Praveena Kuruva**, U. Ramamurty, Tiju Thomas Solid State Communications 173 (2013) 38-41		
44	Magneto acoustical emission in nanocrystalline Mn-Zn ferrites **K. Praveena** and S. R. Murthy Materials Research Bulletin 48 (2013), pp. 4826-4833	First & Corresponding	
45	The effect of Sb on the electrical and magnetic properties of Ni-Zn ferrites prepared by sol-gel autocombustion method **K. Praveena**, and S.Srinath Journal of Electroceramics, Volume 31(1-2) pp 168-175 (2013)	First & Corresponding	
46	Effect of microwave sintering on grain size, dielectric properties of barium titanate **Praveena Kuruva,** Uma Maheshwara Singh Rajaputra, Srinath Sanyadanam and Ramana Murthy Sarabu Turkish Journal of Physics, 37, (2013) 312-321.	First & Corresponding	
47	Effect of TiO_2 on electrical and magnetic properties of $Ni_{0.35}Cu_{0.12}Zn_{0.35}Fe_2O_4$ synthesized by Microwave-Hydrothermal method **K. Praveena**, K.Sadhana, S.Srinath and S.R.Murthy Journal of Physics and Chemistry of Solids, 74(9), 2013 1329–1335.	First & Corresponding	
48	Elastic behaviour of Sn doped Ni-Zn ferrites **K.Praveena,** K. Sadhana and S.R.Murthy. International Journal of Scientific and Research Publications, 3(2) 2013.	First & Corresponding	ISSN 2250-3153
49	Dielectric properties of dehydrated zeolites **K.Praveena** and S.R.Muthy International journal of emerging technology and advanced engineering 3(1) 2013	First & Corresponding	ISSN 2250 – 2459 (Online)
50	Structural and magnetic properties of nanocrystalline $BaFe_{12}O_{19}$ synthesized by Microwave-Hydrothermal method		

	K.Sadhana, **K.Praveena**, S. Matteppanavar and B.Angadi Applied Nanoscience, 2 (2012) 203-210		
51	Electromagnetic properties of microwave sintered $xTiO_2$ + (1-x) $CoFe_2O_4$ nanocomposites K.Sadhana, **K.Praveena,** P.Raju and S.R.Murthy Applied Nanoscience, 2 (2012) 247-252.		
52	Ultrasonic studies of dehydrated Zeolites **K. Praveena,** K. Sadhana, and S.R. Murthy Materials Research Innovations 15 (2011) 58-62	First & Corresponding	
53	Structural and magnetic properties of NiCuZn ferrite/SiO_2 nanocomposites **K. Praveena,** K. Sadhana, and S.R. Murthy Journal of Magnetism and Magnetic Materials 323 (2011) 2122-2128	First & Corresponding	
54	A study of ultrasonic velocity and attenuation of nanocrystalline MgCuZn ferrites. K.Sadhana, **K.Praveena** and S.R. Murthy Journal of Magnetism and Magnetic Materials 323 (2011) 2977-2981		
55	Microwave-Hydrothermal synthesis of $Ni_{0.53}Cu_{0.12}Zn_{0.35}Fe_2O_4/SiO_2$ nanocomposites for MLCI **K. Praveena,** K. Sadhana and S.R. Murthy Integrated Ferroelectrics 119 (2010) 122-134	First & Corresponding	
56	Development of nanocrystalline Mn–Zn ferrites for forward type DC–DC converter for switching mode power supplies **K. Praveena,** K. Sadhana, S. Bharadwaj and S. R. Murthy Materials Research Innovations 14 (1) (2010) 56-61 (6)	First & Corresponding	
57	Fabrication of dc–dc converter using nanocrystalline Mn–Zn ferrites **K.Praveena,** K.Sadhana, S.Bharadwaj and S.R.Murthy Materials Research Innovations 14(1) (2010) 102-106	First & Corresponding	
58	Elastic behavior and internal frictional studies on nanocrystalline MnZn ferrite films prepared by a method of Pulse Laser Ablation method **K.Praveena**, K.Sadhana and S.R.Murthy Journal of Alloys and Compounds 492 (2010) 245-250	First & Corresponding	
59	Dielectric and magnetic properties of $BaTiO_3$+$MgCuZnFe_2O_4$ nanocomposites K.Sadhana, **K.Praveena**, S.R.Murthy Modern Physics Letters B 24(3) (2010) 369-378		
60	Magnetic properties of $xNiCuZnFe_2O_4$+ (1-x) $BaTiO_3$ nanocomposites K.Sadhana, **K.Praveena** and S.R. Murthy Journal of Magnetism and Magnetic Materials 322		

	(2010) 3729–3736		
61	Microwave-Hydrothermal synthesis of $BaTiO_3$ + $NiCuZnFe_2O_4$ nanocomposites. K.Sadhana, **K.Praveena,** S.Bharadwaj and S.R. Murthy Journal of Alloys and Compounds 472 (2009) 484-488		
62	Development of nanocrystalline MnZn ferrites for high frequency transformer applications **K.Praveena**, K.Sadhana, S.Bharadwaj and S.R.Murthy Journal of Magnetism and Magnetic Materials 321 (2009) 2433-2438	First & Corresponding	
63	Microwave Sintering of Nano barium titanate K. Sadhana, T. Krishnaveni, **K. Praveena**, S. Bharadwaj and S.R. Murthy Scripta Materialia 59 (2008) 495-498		

8. Paper Presentations in Conference / Seminar / Workshops:

Sl. No.	**Paper Title**	**Details of the Conference / Seminar/Workshop**	**Type of Presentation (Oral/Poster)**
1	Dielectric Properties of Dehydrated Zeolites **K. Praveena,** P.S.R Prasad, S. Ramana Murthy	National Seminar on Electroceramics (NSE-2007) on November 5th -6th 2007 at Sonepat	Oral
2	Low temperature synthesis and FTIR Characterization of Zeolites **K.Praveena**, K.Sadhana, P.S.R Prasad and S.Ramana Murthy	38th National Seminar on Crystallography (NSC-2008) on February 11-13th 2009 at University of Mysore, Mysore, India	Oral
3	Microwave Hydrothermal synthesis of x $NiCuZnFe_2O_4$ + (1-x) SiO_2 nanocomposites **K.Praveena,** K.Sadhana and S.R.Murthy	International seminar on High temperature Materials (ICHT-09), February 23-25, 2009 held at Institute of Technology, Banaras Hindu University, Varanasi-221005	Oral
4	Ultrasonic studies of dehydrated Zeolites **K.Praveena** and S.Ramana Murthy	National Seminar on Acoustics (NSA-2009) November 26th -28th 2009, ARCI, Hyderabad.	Oral
5	Optical Studies of $Na_{0.5}Bi_{0.5-x}Eu_xTiO_3$ Perovskite Red Phosphor with High Europium content Jingzhou Wang, **Praveena Kuruva**, Tiju Thomas, Wojciech M. Jadwisienczak	International Workshop on Advanced Spectroscopy and Optical Materials, Gdańsk, Poland (July 2013) (peer reviewed paper).	Oral
6	Optical Characterization of Eu Doped Mixed A-site Perovskite Na0.5Bi0.5TiO3 Red Phosphor	International Conference on Rare Earths, Ganzhou City, JiangXi Province, China (August 2013)	Oral

	Jingzhou Wang, **Praveena Kuruva**, Tiju Thomas, Adam Brant, Wojciech M. Jadwisienczak,	(peer reviewed paper)	
7	Ferroelectric, pyroelectric and optical properties of $Ba_5Li_2Ti_2Nb_8O_{30}$ ceramics **K.Praveena** and K.B.R.Varma	International Conference on Advanced Electro-materials (ICAE-2013) at Jeju, Korea, (South) during 12-15th Novmeber 2013.	Oral
8	Effects of gamma irradiation on structural and optical properties of nanocrystalline $Mn_{0.4}Zn_{0.6}Sm_xGd_yFe_{2-(x+y)}O_4$ **K.Praveena,** Hsiao-Wen Chen, Song-Hsun Huang and Hsiang-Lin Liu	Annual Meeting of the Physical Society of the Republic of China (PSROC 2016) at Kaoshang, Taiwan during 25-27th January 2016.	Oral
9	Charge density wave transitions in NbS_3 whiskers **K. Praveena**, Woei Wu Pai and Hsiang-Lin Liu	Annual Meeting of the Physical Society of the Republic of China (PSROC 2017) at Tamakang University, New Taipei, Taiwan during 16-18th January 2017.	Oral
10	Microwave Hydrothermal synthesis & of x $NiCuZnFe_2O_4$ + (1-x) SiO_2nanocomposites **K. Praveena**, K. Sadhana and S. R. Murthy	International Conference on Magnetic materials & their applications for 21stcentury (MMA21) at NPL, New Delhi on 21-23rd October 2008	Poster
11	Microwave Hydrothermal synthesis of x $NiCuZnFe_2O_4$ + (1-x) SiO_2 nanocomposites **K. Praveena**, K. Sadhana and S. R. Murthy	Nanotechnology in India's Future (2nd Bangalore Nano) at Bangalore during December 11th – 13th December 2008.	Poster
12	Dielectric Properties of Dehydrated Zeolites **K. Praveena**, K. Sadhana and S. R. Murthy	International Conference on Recent Trends in Nanostructured Materials (ICRTNM- 08), December 19-20, 2008 held at Osmania University, Hyderabad, India.	Poster
13	Microwave Hydrothermal synthesis of x $NiCuZnFe_2O_4$ + (1-x) SiO_2 nanocomposites. **K.Praveena,** K.Sadhana and S.R.Murthy	International seminar on High temperature Materials (ICHT-09), February 23-25, 2009 held at Institute of Technology, Banaras Hindu University, Varanasi-221 005.	Poster
14	Dielectric and Magnetic properties of x$NiCuZnFe_2O_4$+ (1-x) SiO_2 Nanocomposites **K.Praveena,** K.Sadhana and S.R.Murthy	National Seminar on Magnetic materials and Applications (MaMa-2010), January 20-21, 2010 at Thyagarajar College of Engineering, Madurai.	Poster

15	Synthesis and Characterization of Ferrite/Conductive Polymer Nanocomposites for EMI applications **K.Praveena**, and S.Srinath	International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2011) December 8-10 2011 held at Indian Institute of Technology, Guwhati.	Poster
16	Structural investigations and magnetic properties of cobalt ferrite nanoparticles prepared by co-precipitation method K**.Praveena**, B.Radhika, and S.Srinath	International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2011) December 8-10, 2011 held at Indian Institute of Technology, Guwhati.	Poster
17	Structural and magnetic properties of nanocrystalline $Y_3Fe_5O_{12}$ using Co-precipitation method. **K.Praveena**, K.Sadhana, S.Srinath and S.Ramana Murthy	56th DAE Solid State Symposium (DAE-SSPS), December 19-23, 2011 held at SRM University, Chennai, Tamilnadu.	Poster
18	Size effects on structural and magnetic properties of $CoFe_2O_4$ nanoparticles prepared by Co-precipitation method **K.Praveena**, B.Radhika, S.Srintah	56th DAE Solid State Symposium (DAE-SSPS), December 19-23, 2011 held at SRM University, Chennai, Tamilnadu.	Poster
19	Structural and magnetic properties of microwave sintered $YFe_{0.6}Mn_{0.4}O_4$ nanopowders **K.Praveena** and K.Sadhana	International Conference of Materials Science and Technology (ICMST 2012), June 10-14, 2012, held at St. Thomas College Pala-686574, Kerala, India.	Poster
20	Optical properties of holmium doped ZnO thin films grown by pulsed-laser Deposition **K. Praveena,** Fang-Yuh Lo, Hsiang-Lin Liu	The International Symposium on Raman Spectroscopy (TISRS) &Taiwan Association of Raman Spectroscopy (TARS) Summer school at Taipei, Taiwan during June 29th – July 1st 2016	Poster

9. Full Length Papers in proceedings of Conference/Seminar (National / International)

Sl. No.	Paper Title	Details of the Conference / Seminar
1	Breaking of ferrimagnetic ordering in Sc^{3+} doped Mn-Zn ferrites due to high energy Gamma irradiation VJ Angadi, S Matteppanavar, RB Katti, B Rudraswamy, **K Praveena** AIP Conference Proceedings 1832 (1), 130040 (2017)	61st *DAE Solid State Physics Symposium*. KIIT University, Bhubaneswar, Odisha. December 26-30, *2016*
2	Effect of Sm^{3+}-Gd^{3+} co-doping on dielectric properties of Mn-Zn ferrites synthesized via	Recent Advances In Nano Science And Technology 2015 (RAINSAT2015)

	combustion route V.J. Angadi, B. Rudraswamy, K. Sadhana, **K. Praveena** Materials Today: Proceedings 3 (2016) 2178–2186	
3	Magnetic properties of nanocrystalline $Mn_{1-x}Zn_xFe_2O_4$ Jagadeesha Angadi. V, B. Rudraswamy, Shidaling Matteppanavar, P. Bharathi, and **K. Praveena** AIP Conference Proceedings 1665, 050014 (2015)	59th *DAE Solid State Physics* Symposium-*2014* was held at VIT University, Vellore, Tamil Nadu during. December 16-20, *2014*
4	Dielectric and magnetic properties of $NiFe_{2-x}Bi_xO_4$ nanoparticles at microwave frequencies prepared via co-precipitation method **K.Praveena**, B.Radhika and S.Srinath Procedia Engineering, 76 (2014) 1 – 7	MRS Singapore - ICMAT Symposia Proceedings
5	Structural and magnetic properties of nanocrystalline $Y_3Fe_5O_{12}$ using Co-precipitation method. **K.Praveena**, K.Sadhana, S.Srinath and S.R.Murthy American Institute of Physics, 1447, 291 (2012)	56th DAE Solid State Symposium (DAE-SSPS), December 19-23, 2011 held at SRM University, Chennai, Tamilnadu.
6	Size effects on structural and magnetic properties of $CoFe_2O_4$ nanoparticles prepared by Co-precipitation method **K.Praveena**, B.Radhika and S.Srinath American Institute of Physics, 1447, 289 (2012)	56th DAE Solid State Symposium (DAE-SSPS), December 19-23, 2011 held at SRM University, Chennai, Tamilnadu.

10. Patents:

Sl. No.	Subject Area	Details of Patents
1	Chemistry	Concentration quenching free optical materials for frequency down-conversion (blue to red, green to red) and laser applications **Praveena Kuruva**, Tiju Thomas and K.B.R.Varma **Indian Patent (Filed No: 2211/CHEM/2013 dated 20.05.2013**)

11. Details of travel(s) abroad:

(i) Countries visited : South Korea

(ii) Duration : 2 weeks

(iii) Purpose : Attended & Presented paper at International Conference.

(i) Countries visited : Taiwan

(ii) Duration : One year six months

(iii) Purpose : Post Doctoral Fellow

12. Details of Editorial Board Membership in Journals:

S. No	Details
1	International Organization of Scientific Research Journals (IOSR)
2	Global Journal of Engineering, Science & Social Science Studies (ISSN No.2394-3084)

13. Details of Membership in Professional/Academic bodies/Societies:

S. No.	Details
1	Life member of magnetic society of India (LM-401)
2	Indian Crystallographic Association (ICA), India (LM 433)

Declaration:

I hereby declare that the above information given by me is true, complete and correct to the best of my knowledge and belief and that nothing has been concealed or distorted thereof.

Date: 03-09-2017

Signature

Name: K. Praveena