Curriculum-Vitae

Prof. Yogesh Kumar Sharma
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Areas of Research Interest:

Experimental Condensed Matter Physics with special relevance to energy storage: Li-ion Battery, Na-ion battery, Supercapacitor, Flexible/printable energy storage devices, Modelling and simulation of energy storage devices, Solid State Ionics, Li- Kinetics, Electrochemical Impedance Spectroscopy, Nanotechnology and Nanoscience, Nano-hybrids, Nano-Composites, Functional Materials, Ferroelectric and Magnetic Materials: Synthesis and Characterization

Honors and Awards:

Honor's /Award	Institute	Year
Institute Research Fellowship as Outstanding Young Faculty of the Year	Indian Institute of Technology Roorkee	**2018**
Secretary (Elected)	Indian Solid State Ionics Society (ISSIS)	**2017**
Shastri Institutional Collaborative Research Grant Award	Shastri Indo-Canadian Institute	**2017**
Visiting Scientist	National Chiao Tung University Hsinchu, Taiwan	**2017**
Visiting Professor	University of Calgary, Canada	**2013**
DST-SERB International Travel grant	DST-SERB, Govt. of India	**2013**
DST-SERB Fast track Young Science Grant	DST-SERB, Govt. of India	**2013**
Listed in Marquis Who's Who in the World	Energy Research Institute, Singapore	**2011**
Best graduate researcher award	Faculty of Science, National University of Singapore (NUS)	**2009**
National University of Singapore (NUS) - President Research Scholarship	NUS, Singapore	**2007**
Graduate Student Travel Grant	The Electrochemical Society, USA	**2008**
Graduate Research Scholarship	NUS, Singapore	**2005**

Work Experience:

Associate Professor, IIT Roorkee, Dec. 2018 – Present.
Assistant Professor, IIT Roorkee, 2011 - 2018.
Post-Doctoral Fellow, Energy Research Institute, Singapore, 2010 - 2011.
Senior Research Fellow, IIT Roorkee, 2002 - 2004.

Educational Details:

Degree	Subject	University	Year
PhD	Condensed Matter Physics	National University of Singapore, Singapore	**2010**
M. Tech.	Solid State Electronic Materials	I.I.T Roorkee, Roorkee	**2004**
M. Sc.	Physics	C.C.S. University, Meerut	**2001**

Sponsored Research Projects:

Development of sustainable and safe hybrid supercapacitor (SC) with high energy density, power density and long cycle life for high end applications.	DST, Govt. of India	**2018**
Fabrication and performance optimization of hybrid supercapacitor devices.	DRDO, Govt. of India	**2018**
Robust and Chemically Stable Nano Fiber Li-Stuffed Garnet Membranes for Next Generation All-Solid-State batteries.	INDO-Canada, Shastri Institute Collaborative Research	**2017**
Indo-Taiwan Project, Development of novel hybrid supercapacitor based on Li_2MnSiO_4 and activated carbon.	GITA-DST and MOST Taiwan	**2016**
Nanostructured Mn-based Silicate: Cathode Material for High Energy/Power Density Li-ion Batteries.	CSIR, Govt. of India	**2015**
Synthesis and Characterization of Nanostructured Mn-based Oxides as Li-ion battery electrode.	DST-SERB, Govt. of India	**2013**
Fabrication of 1D, High Aspect Ratio, Aligned Nanofibers of Metal Oxides by Electrospinning Method.	DAE-BRNS, Govt. of India	**2012**
Synthesis and Characterization of Nano-Phase Oxide Materials and Their Application as energy storage.	SRIC, IIT Roorkee	**2011**

Memberships:

Indian Solid State Ionics Society (ISSIS) in 2018, Life Member
Indian Physics Association, Life Member
Material Research Society, India, Life Member
The Electrochemical Society, USA, Member
Material Research Society Singapore, Member

Teaching Engagements:

B.Tech. Subjects: Modern Physics, Electromagnetic Theory, Electricity and Magnetism, Physics-I, Nanomaterials.

PG / Ph.D. Subjects: Structure Analysis of Nanomaterials, Advanced Fuel Cell and Battery Technology, Advanced Characterization Techniques.

Administrative Responsibilities:

From	To	Designation	Organization
2018	Till Date	Member, Centre Administration Committee	Centre of Nanotechnology, IIT Roorkee
2017	Till Date	Member, Senate's, Awards and Fellowship Committee	IIT Roorkee
2017	Till Date	Member, Institute Research Committee	IIT Roorkee
2017	Till Date	Officer-in Charge Store	Department of Physics, IIT Roorkee
2016	Till Date	Officer-in Charge Time Table	Centre of Nanotechnology, IIT Roorkee
2016	Till Date	Member, Department Research Committee	Department of Physics, IIT Roorkee
2016	Till Date	Officer-in Charge, Photovoltaic Laboratory	Department of Physics, IIT Roorkee
2016	2017	Faculty Advisor, Swimming	Institute Sports Council
2012	2014	Officer in Charge, Time Table and Exam	IIT Roorkee, Saharanpur Campus
2012	2014	Member, Department Academic Committee	IIT Roorkee, Saharanpur Campus
2012	2013	Faculty Advisor	Hobbies Club, IIT Roorkee, Saharanpur Campus

Ph.D. Supervised:

Name	Thesis Title	Year
Dr. Amit Kumar	Manganese based carbonates and oxides as electrode materials for energy storage devices	**2018**
Dr. P. Chaturvedi	Nanostructured Li_2MnSiO_4: a Novel Material for Supercapacitor	**2017**
Dr. Jai Bhagwan	Fabrication of Manganese Based Metal Oxides and Their Supercapacitive Properties	**2017**

M.Tech. Thesis Supervised:

Name	Thesis Title	Year
Ms. Rajul Jain	Microwave absorbing material for stealth application	**2018**
Mr. Anant Agarwal	Fast Ionic Conductor for Solid State batteries	**2018**
Ms. Monika Rani	LIB Cathode Material	**2018**
Mr. B. P. Dubey	Fast Ionic Conductors (LLZO) for Lithium-ion Batteries	**2017**
Mr. Lokesh K. Garg	Synthesis and Characterization polymer-Metal Oxide nanocomposites for energy storage devices	**2012**
Mr. Avinash Singh	Energy Storage System for Power Quality Improvement	**2012**
Ms. Divanshi Bansal	Oxygen Delignification of Chemical Wood pulps reinforced by source of various alkali	**2012**
Ms. Archana Mishra	Bioethanol production from mix waste using Fungi	**2012**

Present Research Scholar/Postdocs:

Scholar Name	Interest
Mr. Asit Sahoo	Mn-based oxides as Li-battery anode material
Mr. Sandeep Sundriyal	Ferrite based nanofibers as multiferroic material
Mr. Meetesh	Cathode Material for LIBs
Mr. Harishpal	Cathode Materials for Sodium Ion batteries (SIBs)
Ms. Aakanksha	Modelling and Simulations on LIBs
Ms. Milan	Li-intercalation induced Magnetism
Ms. Shalu Rani	Nanostructured Devices
Mr. Abhinav Tandon	Advanced Battery Technology
Mr. Brahma Prakash Dubey	Solid Ionic Conductor
Dr. Nagesh Kumar	Nanotechnology, Energy Storage Materials

National/International Collaboration:

Topic	Organization
Prof. B.V.R Chowdari	Nanyang Technological University, Singapore
Prof. V. Thangadurai	University of Calgary, Canada
Dr. M. Srinivasan	Nanyang Technological University, Singapore
Prof. T. Y. Tseng	National Chiao Tung University Taiwan
Prof. Alex Kot	Nanyang Technological University, Singapore
Dr. Raju Kumar Gupta	Chemical Engineering, IIT Kanpur
Prof. A. K. Panwar	Delhi Technological University, Delhi
Prof. Amit Gupta	Mechanical Engineering, IIT Delhi

Refereed Journal Papers:

(Total Citation: ~2100, H- index- 16, i-index-18)

42. “Numerical Modeling of Transport Limitations in Lithium Titanate Anodes”, Muhammad Rashid, Asit Sahoo, Amit Gupta, Yogesh Sharma, Electrochim. Acta, 283 **(2018)** 313. (Impact Factor: 5.116)

41. “One-step synthesized mesoporous MnO_2@MoS_2 nanocomposite for high performance energy storage devices”, N. Kanaujiya, Nagesh Kumar, A. K. Srivastava, Yogesh Sharma, G.D.Varma, J. Electroanal. chem., 824 **(2018)** 226. (Impact Factor: 3.235)

40. “One-Pot Synthesis of Pure Phase Mn_3O_4 at Room Temperature and Probing its Long Term Supercapacitive Performance”, Amit Kumar, Nagesh Kumar, Yogesh Sharma, Ionics, **(2018**) (DOI: 10.1007/s11581-018-2615-2). (Impact Factor: 2.347)

39. “Improved supercapacitive performance in electrospun TiO_2 nanofibers through Ta-doping for electrochemical capacitor applications”, A. Tyagi, N. Singh, Yogesh Sharma, R. K. Gupta, Catal. Today, **(2018**) (Just Accepted). (Impact Factor: 4.667)

38. "Incorporation of Alloy-de-Alloy Phase with Conversion Based Manganese Oxide to Enable High and Stable Capacity and Density Functional Theory Study of $CdMn_2O_4$", Asit Sahoo, Bhrigumoni Deka, , Yogesh Sharma, J. Electrochem. Soc., 165 **(2018)** A1610. (Impact Factor: 3.662)

37. “Electrochemical studies of novel olivine-layered ($LiFePO_4$-Li_2MnO_3) dual composite as an alternative cathode material for lithium-ion batteries”, Rakesh Saroha, Amrish K. Panwar, Anurag Gaur, Yogesh Sharma, Vinay Kumar, Pawan K. Tyagi, J. Solid-State Electrochem., (**2018**) https://doi.org/10.1007/s10008-018-3963-6. (Impact Factor: 2.509)

36. “Probing the electrical properties and energy storage performance of electrospun $ZnMn_2O_4$ nanofibers”, Jai bhagwan, Nagesh Kumar, K.L. Yadav, Yogesh Sharma, Solid State Ionics 321 (**2018**) 75. (Impact Factor: 2.751)

35. "Improved Energy storage, magnetic and electrical properties of aligned, high aspect ratio, mesoporous electrospunned spinel-$NiMn_2O_4$ nanofibers", Jai Bhagwan, S. Rani, V. Sivasanakran, K. L. Yadav, Yogesh Sharma, Appl. Surf. Sci. 426 (**2017**) 913 (Impact Factor: 4.439)

34. "Improvement in dielectric, ferroelectric and ferromagnetic characteristics of $Ba_{0.9}Sr_{0.1}Zr_{0.1}Ti_{0.9}O3$-$NiFe_2O_4$ composites, A Jain, AK Panwar, AK Jha Yogesh Sharma, Ceramic International 43 (**2017**) 5734 (Impact Factor: 3.057)

33. “In -situ Conversion of Manganese Carbonate to Manganese oxide/hydroxide and its supercapacitive analysis in aqueous KOH solution” by Amit Kumar, Yogesh Sharma, Ionics 23 (**2017**) 3049 (Impact Factor: 2.347).

32. “Nanofibers of Spinel-$CdMn_2O_4$: A new and high performance material for Supercapacitor and Li-ion batteries”, Jai Bhagwan, Asit Sahoo, K. L. Yadav, Yogesh Sharma, J. Alloys and Comp. 703 (**2017**) 86 (Impact Factor: 3.779).

31. “Physicochemical and electrochemical performance of $LiFe_{1-x}Ni_xPO_4$ ($0 \leq x \leq 1.0$) solid solution as potential cathode material for rechargeable lithium-ion battery”, R. Saroha, A. K. Panwar, Yogesh Sharma, Ceramic International 43 (**2017**) 10253. (Impact Factor: 3.057)

30. “Development of surface functionalized ZnO-doped $LiFePO_4$/C composites as alternative cathode material for lithium ion batteries”, R. Saroha, A. K. Panwar, Yogesh Sharma, et al., Applied Surface Science 394 (**2017**) 25 (Impact Factor: 4.439).

29. "Synthesis and transport properties of nanostructured lithium manganese silicate (Li_2MnSiO_4) as Li-ion battery cathode material." Prerna Chaturvedi, Anjan Sil, Yogesh Sharma, Solid State Ionics 297 (**2016**) 68. (Impact Factor: 2.751)

28. Porous, one-dimensional and high aspect ratio nanofibric network of cobalt manganese oxide as a high performance material for aqueous and solid-state supercapacitor (2 V), Jai Bhagwan, V. Sivasankaran, K. L. Yadav, Yogesh Sharma, J. Power Sources 327 (**2016**) 29 (Impact Factor: 6.945)

27. “Energy storage performance of hybrid aqueous supercapacitor based on nano-Li_2MnSiO_4 and activated carbon”, Prerna Chaturvedi, Anjan Sil, Yogesh Sharma, Ionics, 22 (**2016**) 1719. (Impact Factor: 2.347)

26. “Energy storage performance of urea combustion derived nanocrystalline-Li_2MnSiO_4 as a novel electrode material for symmetric supercapacitor”, Prerna Chaturvedi, Anjan Sil, Yogesh Sharma, AIP Conf. Proc., 1731 (**2016**) 050058.

25. “Structurally induced spin canting and metamagnetism in $CoFe_2O_4$ nanoparticles synthesized via co-precipitation method”, Stuti Rani, Yogesh Sharma, G. D. Varma, J. Supercond. Nov. Magn. 28 (**2015**) 3633.

24. “Porous, One dimensional and High Aspect Ratio Mn_3O_4 Nanofibers: Fabrication and Optimization for Enhanced Supercapacitive Properties”, Jai Bhagwan, Asit Sahoo, K. L. Yadav, Yogesh Sharma, Electrochim. Acta., 174 (**2015**) 992. (Impact Factor: 5.116)

23. “Cost effective urea combustion derived mesoporous- Li_2MnSiO_4 as a novel material for supercapacitor", Parerna Chaturvedi, Amit Kumar, Anjan Sil, Yogesh Sharma, RSC Adv., 5 (**2015**) 25126. (Impact Factor: 2.936)

22. “Synthesis of nanoporous hypercrosslinked polyaniline (HCPANI) for gas sorption and electrochemical supercapacitor applications”, Vivek Sharma, Asit Sahoo, Yogesh Sharma, Paritosh Mohanty, RSC Adv., 5 (**2015**) 45749. (Impact Factor: 2.936)

21. “Nanofiber of Mn_3O_4: Fabrication and application as supercapacitor electrode, Jai Bhagwan, K. L. Yadav and Yogesh Sharma, AIP Conf. Proc., 1665 (**2015**) 050188.

20. “Synthesis and characterization of nanostructured ternary zinc manganese oxide as novel supercapacitor material”, Asit Sahoo, Yogesh Sharma, Mater. Chem. Phys. 149 (**2015**) 721. (Impact Factor: 2.210).

19. “Mixed Magnetic Phases in CO_3O_4 nanoparticle synthesized by coprecipitation method”, Stuti Rani, Yogesh Sharma , G. D. Verma, AIP Conf. Proc 1591, (**2014**), 526.

18. “Electrochemical Reactivity with Lithium of spinel-type $ZnFe_{2-y}Cr_yO_4$ ($0 \leq y \leq 2$)”, Pei Fen Teh, Stevin S Pramana, Chunjoong Kim, Chieh-Ming Chen, Cheng-Hao Chuang, Yogesh Sharma, Jordi Cabana, Madhavi Srinivasan, J. Phys. Chem. C, 117 (**2013**) 24213. (Impact Factor: 4.484).

17. "Nanosphere of Metal Carbonates: Synthesis and Characterization as energy storage materials", Yogesh Sharma, Amit Kumar, Prerna Chaturvedi”, Nano Studies, 8 (**2013**) 171.

16. “Electrospun $Zn_{1-x}Mn_xFe_2O_4$ nanofibers as anodes for lithium ion batteries and the impact of mixed transition metallic oxides on battery performance”, P. F. Teh, S. S. Pramana, Yogesh Sharma, Y. W. Ko and M. Srinivasan ACS Appl. Mater. Interface, 5 (**2013**) 5461. (Impact Factor: 8.097).

15. “Tuning the morphology of $ZnMn_2O_4$ lithium ion battery anodes by electrospinning and its effect on electrochemical performance”, P. F. Teh, Yogesh Sharma, S. S. Pramana Y.W. Ko, M. Srinivasan, RSC Adv., 3 (2013) 2812. (Impact Factor: 2.936).

14. "Electrospun polyaniline nanofibers web electrodes for supercapacitors", S. Chaudhary, Yogesh Sharma, R. Jose, S. Mhaisalkar, S. RamKrishanaa and M. Srinivasan, J. App. Poly. Sci., 129 (**2013**)1660. (Impcat Factor: 1.768).

13. “Nanofibers-$NiCo_2O_4$: Fabrication and Li-storage properties”, Yogesh Sharma, M. Srinivasan AIP Conf. Proc., 1447 (**2012**) 365.

12. "Achieving High Specific Charge Capacitances in Fe_3O_4/Reduced Graphene Oxide Nanohybrids”, W. Shi, J. Zhu, D. H. Sim, Y. Y. Tay, Z. Lu, X. Zhang, Yogesh Sharma, M. Srinivasan, H. Zhang, H. H. Hng, Q. Yan, J. Mater. Chem., 21(**2011**) 3422. (Impact Factor: 9.931).

11. "Cobalt oxide nanowall arrays on reduced graphene oxide sheets with controlled phase, grain size and porosity for Li-ion battery electrodes”, J. Zhu, Yogesh K. Sharma, Z. Zeng, X. Zhang, M. Srinivasan, S. Mhaisalkar, H. Zhang, H. H. Hng, Q. Yan, J. Phys. Chem. C., 115 (**2011**) 8400. (Impact Factor: 4.484)

10. "Nano-web Anodes composed of One Dimensional, High aspect ratio, Size Tunable Electrospun $ZnFe_2O_4$ Nanofibers for Lithium Ion Batteries", P. F. Teh, Yogesh Sharma, S. S. Pramana, M. Srinivasan, J. Mater Chem., 21 (**2011**) 14999.(Impact Factor: 9.931)

9. “Li- storage and cycling properties of spinel, $CdFe_2O_4$ as an anode for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, Bull. Mater. Sci., 32 (**2009**) 295. (Impact Factor: 0.925)

8. "Nano-$(Cd_{1/3}Co_{1/3}Zn_{1/3})CO_3$: a new and high capacity anode material for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, J. Mater. Chem., 19 (**2009**) 5047. (Impact Factor: 9.931)

7. “Li-storage and cycleability of nano-$CdSnO_3$ as an anode material for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, J. Power Sources, 192 (**2009**) 627. (Impact Factor: 6.945)

6. “Studies on nano-‘$CaO.SnO_2$’ and nano-$CaSnO_3$ as anodes for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, Chem. Mater., 20 (**2008**) 6829. (Impact Factor: 9.890)

5. "Studies on spinel cobaltites, $FeCo_2O_4$ and $MgCo_2O_4$ as anodes for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, Solid State Ionics, 179 (**2008**) 587. (Impact Factor: 2.751)

4. “Li-storage and cyclability of urea combustion derived $ZnFe_2O_4$ as anode for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, Electrochim. Acta 53 (**2008**) 2380. (Impact Factor: 5.116)

3. “Li -recycling behavior of nanophase-$CuCo_2O_4$ as anode for lithium ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, J. Power Sources, 173 (**2007**) 495. (Impact Factor: 6.945)

2. “Nanophase-$ZnCo_2O_4$ as a high performance anode material for Li-ion batteries”, Yogesh Sharma, N. Sharma, G. V. Subba Rao, B. V. R. Chowdari, Adv. Funct. Mater., 17 (**2007**) 2855. (Impact Factor: 13.325)

1. "Structural and dielectric properties of MgO doped 0.8PMN-0.2PT solid solution", Yogesh Sharma, Anjan Sil, K.L. Yadav, Ind. J. Eng. Mater. Sci., 12 (**2005**) 317. (Impact Factor: 0.523).

International/National Conferences/Invited Talks:

18. “High performance energy storage devices”, International Symposium on functional Materials for energy and Biomedical applications (ISFM-2018), Shivalik View Hotel and convention centre, Chandigarh, 13-15 April, **2018** (invited talk)

17. "Nanostructured Mn-based Oxides and Carbonates for Li-ion batteries and Supercapacitor", 10th National Conference on solid State Chemistry and Allied Areas (ISCAS 2017), Delhi Technological University July 1-3 , **2017** (INVITED TALK)

16. “Nanostructured lithium manganese orthosilicate (Li_2MnSiO_4): a prospective electrode material for Li-ion batteries and supercapacitors” Joint Indo German Workshop on Electrochemical Storage Systems: Synergy of Materials Design and Modelling, IIT Kharagpur Feb. 17-20, **2016** (INVITED TALK).

15. “Co-precipitation routed cubical assembly of Nano-$MnCO_3$: A prospective electrode material for supercapacitor”, by Amit Kumar and Yogesh Sharma, 4th Nanotoday Conference Dubai, December 6-10, **2015**.

14. Fabrication and characterization of Mn-based oxides as electrode material for supercapacitor, by K. L. Yadav, JaiBhagwan and Yogesh Sharma, 4th Nanotoday conference Dubai, December 6-10, **2015**.

13. “Fabrication of porous, aligned, one dimensional and high aspect ratio nanofibers of Mn- based oxides by electrospinning method and their storage properties”, Yogesh Sharma, Second International Conference on nanostructured Materials and Nanocomposites (ICNM 2014), Kottayam, Kerala, December, 2014 (INVITED TALK).

12. “Nano-sphere of Metal Carbonates: Synthesis and Characterization as Energy Storage Material”, by Amit Kumar, Prerna Chaturvedi and Yogesh Sharma, International Conference and Exhibition on Advanced & Nano Materials(ICANM-2013), Quebec, Canada, 2013 (Oral Presentation).

11. "Nanofibers of $NiCo_2O_4$: Fabrication and Li-storage Properties by Yogesh Sharma and Madhavi Srinivasan, 56-DAE solid state symposium, December , 2012, Kattankulathur, SRM university, Chennai, India

10. "Electrospunned nano-fibers of Fe-based ternary oxide and its application in Li-ion batteries as anode material", P. F. Teh, S. S. Pramana, Yogesh Sharma and M. Srinivasan, Intl. Conf. Mater. for Adv. Technol., (ICMAT), June, 2011, Singapore.

9. "Nanohexagons- $ZnCo_2O_4$ and its application as supercapacitor electrode", S. Chaudhari, Yogesh Sharma and M. Srinivasan, Intl. Conf. Mater. for Adv. Technol., (ICMAT), June, 2011, Singapore.

8."Li-Storage and Cyclability of $CdFe_2O_4$ as Anode for Li-ion Batteries", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, ICMAT, June, 2009, Singapore (oral presentation).

7."Nano phase $CdSnO_3$ as an anode material for Li-ion batteries", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, paper presented at 3rd MRS-S Conf. on Adv. Mater., Feb, 2008, IMRE, Singapore (poster presentation).

6."Nano-phase $(Cd_{1/3}Zn_{1/3}Co_{1/3})CO_3$: A high capacity anode material for Li-ion batteries", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, paper presented at 214th ECS meeting, October, 2008, Hawaii, USA (oral).

5."Nano-$CaSnO_3$: synthesis and Li-cyclability as anode for Li-ion batteries", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, Intl. Conf. Mater. for Adv. Technol., (ICMAT), July, 2007, Singapore (oral presentation).

4."Li-recyclability of oxides with the spinel structure, MCo_2O_4 (M= metal)", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, ICMAT, July, 2007, Singapore (oral presentation).

3."Nano-phase ternary metal oxides as anodes for Li-ion batteries", Yogesh Sharma, N. Sharma, G. V. Subba Rao and B. V. R. Chowdari, 3rd Math. and Phys. Sci. Graduate Congr. (MPSGC), December, 2007, Kuala Lumpur, Malaysia.

2. "PMN-PT Relaxor Ferroelectrics", Yogesh Sharma, Subhash Sharma, Puja Goel and K. L. Yadav, proceeding of 4th Asian Meeting on Ferroelectrics, held on IISc, Banglore 2003 (poster presentation).

1. "Effect of Sintering temperature and simultaneous addition of MgO and PbO on 0.8PMN -0.2PT solid solution", Yogesh Sharma, Anjan Sil and K.L.Yadav, proceedings of 13th National conference on Ferroelectrics , held on University of Delhi, India 2004 (poster presentation).