

Books Published

- Engineering Physics Vol. 1 by Word Press, Lucknow, ISBN- 978-93-80257-05-1.
- Engineering Physics Vol. 2 by Word Press, Lucknow, ISBN-978-81-907505-6-1.
- Physical Optics and Lasers, Ram Prashad Publications, Agra, ISBN-978-93-83385-96-6.
- Quantum Mechanics, Atomic and Molecular Spectra, Ram Prashad Publications, Agra, ISBN-978-93-85644-18-4.
- Physics Lab Manual, by S.H. Publication, Lucknow.

Book Chapters

1. Thermal Analysis of Cu Doped Sodium Hexa-Titanate ($\text{Na}_2\text{Ti}_6\text{O}_{13}$), N Alam, T Khatoon, VS Chandel, Recent Trends in Materials and Devices, 179-188. 2019
2. Dielectric Behaviour of Pure and Dye Doped Nematic Liquid Crystal E-24, SP Singh, VS Chandel, R Manohar, Recent Trends in Materials and Devices, 527-533.2018

Papers published

International

1. Abhishek Kumar Singh, Shyam Babu, Seema Srivastava and Vishal Singh Chandel, Structural and Optical Properties of $\text{SmFe}_{0.8}\text{Mn}_{0.2}\text{O}_3$ Nanocrystallites, Brazilian Journal of Physics (Accepted).
2. UK Mishra, **VS Chandel**, VK Mourya, OP Singh, Removal of Soot, CO, NO_x, and PM by Ag-Based Nanomaterials: A Review, Brazilian Journal of Physics 52 (5), 1-12, 2022.
3. UK Mishra, **VS Chandel**, OP Singh, N Alam, Synthesis of CeO_2 and Zr-doped CeO_2 ($\text{Ce}_{1-x}\text{Zr}_x\text{O}_2$) catalyst by green synthesis for soot oxidation activity, Arabian Journal for Science and Engineering, 1-71, 2022.
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7. Navshad Alam, Tahira Khatoon, **Vishal Singh Chandel**, Differential Scanning Calorimetric Analysis of Ni Doped Sodium Hexa-titanate, Oriental Journal of Chemistry 36 (4), 762-766, 2020.
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9. Navshad Alam, Tahira Khatoon, **Vishal Singh Chandel**, Sachin Tripathi, Harnessing Anisotropy in Nanoparticles Current Strategies and Applications, TEST Engineering and Management 82, 4114-4131, 2020.
10. S Bajpai, NR Kidwai, **VS Chandel**, Low Memory Wavelet-Based Hyperspectral Image Coding Using 2d Dyadic Wavelet Transform, International Journal of Electrical Engineering & Technology 11 (6), 25-33, 2020.
11. Navshad Alam, Tahira Khatoon, **Vishal Singh Chandel**, Ameer Azam, Band Gap Engineering in Zinc Doped Sodium Hexa-titanate, Indian Journal of Science and Technology 12(21), 1-5, 2019.
12. N Alam, **VS Chandel**, A Azam Photocatalysis of Manganese Doped Sodium Hexatitanate ($\text{Na}_2\text{Ti}_6\text{Mn}_x\text{O}_{13}$), Journal of Science and Arts 19(2), 485-492, 2019.
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15. Mohammad Shariq, Davinder Kaur, **Vishal Singh Chandel**, Praveen K. Jain, Sasi Florence, Mukul Sharma, Shahir Hussain, *Arabian Journal for Science and Engineering Study of Structural, Magnetic and Optical Properties of BiFeO₃-PbTiO₃ Multiferroic Composites*, 2018, doi.org/10.1007/s13369-018-3543-1.
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7. Prabal Pratap Singh, Vishal **Singh Chandel**, Khem Bahadur Thapa Comparative Study of P₂ 1D-FFPC Containing Dielectric, SiO₂ and TiO₂ Materials and Air/TiO₂ P₂1-D FFPC for Micro-Cavities and Ultra-Sensitive Optical Sensors, IEEE International Conference on Sustainable Energy, Electronics, and Computing Systems (SEEMS-2018), Oct. 25-26, 2018.
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National Conferences

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12. Satyendra V. Vikram, D. Maurya, and **V.S. Chandel**, Effect of Sodium Content on the Dielectric Response of $K_{2-x}Na_xTi_4O_9: Cu$ ($0.05 \leq x \leq 0.15$) layered Ceramics Presented in the Nat. Seminar on Ferroelectrics and Dielectrics [NSFD-15, 2008] scheduled during 6-8th Nov. 2008 at Patiala, India.
13. S.P. Yadav, K.K. Pandey, P.Tripathi, **Vishal Singh Chandel** and Rajiv Manohar, Sign reversal of dielectric anisotropy of dye doped nematic liquid crystal at conference on disorder, complexity and Biology II at Banaras Hindu University, Varanasi, India, during Jan. 5-8, 2009.
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16. Kamal Kr. Pandey, Sudhaker Dixit, Mohd. Shafi Khan, **Vishal S. Chandel** and Rajiv Manohar, Effect of Zinc Oxide Nanoparticles on the Dipole Dynamics and Dielectric Anisotropy of a Weakly Polar Nematic Liquid Crystal at 16th National Conference on Liquid Crystals, Oct 26-29, 2009, Lucknow University, Lucknow, India.
17. Mohammad Shafi Khan., **V. S. Chandel**, Comparative dielectric study of some medicinal oils and their binary mixtures held on 18th annual conference of Purvanchal academy of sciences at T.D.P.G College Jaunpur, U.P., February 19-20, 2009.
18. Mohd. Asim Siddiqui, **V. S. Chandel**, Ameer Azam, Comparative dielectric study of the compound potassium hexatitanates($K_2Ti_6O_{13}$) prepared by sol-gel and solid state reaction route at National conference on “Current concepts and frontier advance in science educational research” Dept. of Chemistry, T.D.P.G. College, Jaunpur, U.P., India, during March 5-6, 2011.
19. Mohd. Shafi Khan and **V. S. Chandel**, Study of conductivity and Penetration depth in Argemone seeds at different concentrations of moisture, at National conference on “Current concepts and frontier advance in science educational research” Dept. of Chemistry, T.D.P.G. College, Jaunpur, U.P., India, during March 5-6, 2011.
20. Mohd. Asim Siddiqui, **V. S. Chandel**, Ameer Azam, Synthesis and Characterization of nano potassium hexatitanates ($K_2Ti_6O_{13}$) by sol-gel technique, at National conference on Advancement of nano materials and its applications, Dept. of Physics, D.A.V. College, Kanpur, U.P., India during 15-16 Feb 2011.
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22. Mohammad Shafi Khan., **V. S. Chandel**., R. Manohar, Quality assessment of kalonji (*Nigella Sativa*) using dielectric spectroscopy. National conference on changing scenario of food science, technology and agricultural products, held at Bundelkhand University Jhansi, U.P., November 11-12, 2011.
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24. Mohammad Shafi Khan, **Vishal Singh Chandel**, Dielectric Study of Amla (*Emblica Officinalis* Gaertn) Powder at Low Frequency. National conference on current concept on scientific research and value, at Dr. A. H. R. Shia Degree College Jaunpur, 10-11 Nov 2012.
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27. Mohd Shariq, **Vishal Singh Chandel**, Mohd Asim Siddiqui, Structure and morphology study of $BiFeO_3$ ceramics, In National conference on Challenges and Opportunities for Technological Innovation in India, on 16th Feb. 2013, at Ambalika Institute of Management and Technology, Lucknow.
28. Mohd Asim Siddiqui, **Vishal Singh Chandel**, Mohd. Shariq, Ameer Azam, Comparative Morphological and Optical Studies of Pure Potassium Hexa-Titanate Prepared by Sol-Gel and Solid State Reaction Methods by Souvenir of the workshop on Nano sciences & Biotechnology-“Present & Future Prospectives” organised by Deptt of Nanobiotec., Life Science foundation, Karnataka, In collaboration with Deptt. of Bioengg. Integral University Lucknow held on April 20, 2013.
29. Mohd Shariq, **Vishal Singh Chandel**, Mohd Asim Siddiqui, Electrical and Magnetolectric Properties of Multiferroic $(BiFeO_3)_{1-x}(BaTiO_3)_x$ Ceramics, National Conference on Role of Mathematics and its Applications in Development of Science and Technology will be held during at Govt. P.G. College, Landsdowne, Pauri Garhwal, Uttrakhand, India, March 21-22, 2013.
30. **Vishal Singh Chandel**, Atiq Ur Rahman, J. P. Shukla, Rajiv Manohar and Mohd. Shafi Khan, Effect of Fungicide Treatment on Dielectric Properties of a Vegetable Seed, presented in All India National Seminar on Sources of Planet Energy, Environmental and Disaster Science: Challenges and Strategies at SMS School of Management Sciences in association with The Institution of Engineers (India), U.P. State Centre, Lucknow, India during Sept. 07-08, 2013.
31. Participated in 5th National conference on Nanotechnology and Materials Science, organized by department of Physics, University of Lucknow, Lucknow.
32. Avneesh Kumar Singh, **V. S. Chandel**, Rajiv Manohar and J P Shukla, Study of change in Phase of Mixture of two mesogenic compound, In National conference on Challenges and Opportunities for Technological Innovation in India at Ambalika Institute of Management and Technology, Lucknow on 22nd Feb. 2014.
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35. **Vishal Singh Chandel**, Rajiv Manohar and Mohd. Shafi Khan, Comparative dielectric study of basmati rice (*Oryza sativa* L.) of two varieties, in 16th Indian Agricultural Scientists and Farmers’ Congress on Nanobiotechnological Approaches for Sustainable Agriculture and Rural Development during 22-23rd Feb., 2014 at Integral University, Lucknow.
36. **Vishal Singh Chandel**, Preeti Porov, R. Manohar and J. P. Shukla, Optical and Density Study of a Nematic Liquid Crystal BKS/B07 in Lucknow Science Congress during 27-28, March 2014 at Babasahab Bhemrao Ambedkar University, Lucknow.

37. Satyendra P. Singh, Tanvi, Dhawal, Jaya, Neelam, Neha, Kamal K Pandey, **Vishal Singh Chandel**, and Rajiv Manohar, Minimum Energy for Piezoelectric Nanoparticle Nematic Suspension in National Conference on liquid Crystals at DAV College, Kanpur during Nov. 2014.
38. K. K. Pandey, **Vishal Singh Chandel**, Satyendra Pratap Singh & R. Manohar, Dielectric and electro-optical investigation of nano doped nematic liquid crystal in the presence of UV light in National Conference on liquid Crystals at DAV College, Kanpur during Nov. 2014.
39. Mohd. Shariq, **Vishal Singh Chandel**, Mohd. Asim Siddiqui, Study of Structural, Electrical Properties of $(\text{BiFeO}_3)_{1-x}(\text{PbTiO}_3)_x$ in National Seminar on Advances of Material Science in Physics during Dec. 20-21, 2014 at Janta College, Bakewar, Etawah.
40. Abhiniti Singh, **Vishal Singh Chandel**, Optical Properties of Doped Nematic Liquid Crystal, Souvenir 3rd National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2015), organised by Physics Department Ambalika Institute of Management & Technology UP, during February 14, 2015.
41. Ankita Srivastava, **Vishal Singh Chandel**, Dielectric Properties of CNTs Doped Liquid Crystal, Souvenir 3rd National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2015), organized by Physics Department Ambalika Institute of Management & Technology UP, during February 14, 2015.
42. Preeti Porov, **Vishal Singh Chandel**, Rajiv Manohar, Dielectric and Electro-Optical Properties of Ceramic Nanoparticles Doped Liquid Crystals, Souvenir 3rd National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2015), organised by Physics Department Ambalika Institute of Management & Technology UP, during February 14, 2015.
43. Chandrakala Chauhan, **Vishal Singh Chandel**, Shailendra Kumar, Opportunities and Challenges in MEMS Souvenir 3rd National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2015), organised by Physics Department Ambalika Institute of Management & Technology UP, during February 14, 2015.
44. P. P. Singh, K.B. Thapa, **Vishal Singh Chandel**, Transmittance of Periodic Structure Containing Non-Lossy and Lossy Media by Souvenir 3rd National Conference on Challenges & Opportunities for Technological Innovation in India (COTII-2015), organised by Physics Department Ambalika Institute of Management & Technology UP, during February 14, 2015.
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46. Mohammad Shariq, **Vishal Singh Chandel**, Mohd Asim Siddiqui, Study of Structural and Magnetic Properties of $(\text{BiFeO}_3)_{1-x}(\text{PbTiO}_3)_x$ Composites by Souvenir of National Conference on Recent Advances in Chemical and Materials Science, organized by Physics Department M.M.M. University of Technology, Gorakhpur UP, during 23-24 Feb, 2015.
47. Atiqur Rahman, **Vishal Singh Chandel**, Navshad Alam, Rajiv Manohar, Satyendra Pratap Singh, Effect of Fungicide Treatment on Dielectric Properties of a Vegetable Seed in Baba Sahab Dr. Bhim Rao Ambedkar College of Agricultural Engg and Technology, Etawah, UP on 13 Feb 2016.
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49. Zaireen Fatima, **Vishal Singh Chandel**, Navshad Alam, Satyendra Pratap Singh, & Rajiv Manohar, Dielectric Study of Turmeric Powder (*Curcuma longa L.*) in Baba Sahab Dr. Bhim Rao Ambedkar College of Agricultural Engg and Technology, Etawah, UP on 13 Feb 2016.
50. Navshad Alam, **Vishal Singh Chandel**, Mohd Shafi, Satyendra Pratap Singh, Dielectrical Measurements of Amla in powder form (*PHYLLANTHUS EMBLICA*) in 4th National Conference on Challenges & Opportunities For Technological Innovation in India (COTII-2016), organized by Ambalika Institute of Management & Technology UP, on 20th Feb 2016.

51. Participated in National Conference on Business & Public Policy Focus on Uttar Pradesh organized by Department of Business Management, Integral University, Lucknow on March 18-19, 2016.
52. Prashant Mishra, **Vishal Singh Chandel**, Satyendra Pratap Singh, Rajiv Manohar, Phase Transition Studies of Cholesteryl Oleyl Carbonate, Cholesteryl Propionate and Their Binary Mixtures Using Dielectric and Optical Transmittance Measurement Techniques, in a National Conference on Emerging Trends in Applied Sciences during September 23-24, 2016 at Galgotias University, Greater Noida, Up, India.
53. Zaireen Fatima, Shahla Parveen, **V.S. Chandel**, Isht Vibhu, Prediction of Thermodynamic and Thermoacoustic Properties of Binary Liquid Mixtures by Flory's Statistical Theory in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
54. Adeeba Ather, **Vishal Singh Chandel**, Shailendra Kumar, Comparative Optical Studies of CZTS and CIGS Thin Film in Context to Solar Cell in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
55. Sachin Tripathi, Navshad Alam, Mohd. Asim Siddiqui, **Vishal Singh Chandel**, Calcium Copper Titanate $\text{CaCu}_3\text{Ti}_4\text{O}_{12}$ (CCTO): A Substantial Substitute for Energy Storage Applications in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
56. Zaireen Fatima, Sachin Tripathi, Navshad Alam, **Vishal Singh Chandel**, Graphene Nanotechnology for Energy Production and Storage in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
57. Arshad Iqbal, Mohd. Asim Siddiqui, **Vishal Singh Chandel**, Potential Applications of Barren Lands of Indian Sub-Continent for Solar Energy Production in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
58. Sumbul Firdaus, Roshan Jahan, Sana Raza, Tasneem Bano, Mohtashim Lohani, **V. S. Chandel**, Interaction of Fullerenes with DNA in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
59. Baldeep Singh, Shailendra Kumar, **V. S. Chandel**, Imran Ullah Khan, WPT: Review Survey and Applications in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
60. Md. Yunus Waheed, Shailendra Kumar, **V. S. Chandel**, S K Mishra, Efficient Photovoltaic and Solar Panels Using Smart Solar Trackers in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
61. Vishal Bhushan Tiwari, Shailendra Kumar, **V. S. Chandel**, S. Hasan Seed, Future Grids in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
62. Prabal P Singh, Khem B Thapa, **Vishal S. Chandel**, Study of Band Gap and Transmittance Characteristics of Semiconductor Periodic Structure in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
63. Faizan Arif Khan, Monauwar Alam, Syed Hasan Saeed, **Vishal Singh Chandel**, N.R.Kidwai, Hybrid Electricity Generation From Solar PV, Speed Breaker And Traffic Sound For Automatic Street Light in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
64. Upendra Kumar Mishra, **V. S. Chandel**, Moiz Ahmad, Shailendra Kumar, Analysis of Optimum Tilt Angle for Solar Panels: Lucknow, Uttar Pradesh, India in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
65. Anam Feroz, Tahira Khatoon, Shailendra Kumar, **V. S. Chandel**, Analysis of Double Reflector Solar System with Phase Change Material Heat Storage in National Conference on Emerging

Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.

66. Richa Singh, Tahira Khatoon, **V S Chandel**, Abhilasha Mishra, The Study of Solar Electricity Distribution in India in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
67. Shiv Pratap, Adeeba Ataher, Richa Singh, **Vishal Singh Chandel**, Comparative Analysis of Different Photovoltaic Cells in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
68. Umesh Kumar Sharma, Kahkashan Parveen, **V. S. Chandel**, Analysis of Artificial Neural Network with Solar Radiation in National Conference on Emerging Trends in Non-Conventional Energy Resources, Integral University, Lucknow on October 22, 2016.
69. Pooja Mishra, Bharat Mishra, **Vishal Singh Chandel** and Rajiv Manohar, Effect of Pollutants on Dielectric properties of Aizon Rice Seed, at A National Seminar On Enviornmental Issues and Challenges in India at Ramabai Government PG College, Ambedkar Nagar during 04-05 Feb. 2018.
70. Pooja Mishra, Bharat Mishra, **Vishal Singh Chandel** and Rajiv Manohar, Study of AC Conductivity of Rice Seed, National Conference On Science Communication: Issues and Challenges at Fakhruddin Ali Ahmad Govt. P. G. College Mahmudabad, Sitapur, U.P.
71. Pooja Mishra, Bharat Mishra, **Vishal Singh Chandel** and Rajiv Manohar, Effect of Germicides on Dielectric Properties of Rice Seed in a National Conference On Renewable Energy; Present and Future Perspectives in Research & Industries, 28th February-01st March 2018, Organized by Aryakul College of Pharmacy & Research, Lucknow.

International Conferences

1. **Vishal Singh Chandel**, Avneesh Kumar Singh, Rajiv Manohar and J P Shukla, Effect of dichroic dye on the dielectric properties of nematic liquid crystal mixture at International Conference on Interdisciplinary Approach in Physical Sciences, Department of Mathematics Chaudhary Charan Singh University, Meerut, page 207, Dec. 29-31, 2005.
2. Satyendra Pratap Singh, Avneesh Kumar Singh, **V.S. Chandel**, R. Manohar and J. P. Shukla, Variation of electrical parameters of medicinally important seed. International conference on Agri. Food & Eng. and Post-Harvest/Production Technology, held at Khon Kean, Thailand, Jan.21-24, 2007.
3. Satyendra Pratap Singh, Avneesh Kumar Singh, **V.S. Chandel**, R. Manohar and J. P. Shukla, Perturbation effect on the dielectric properties of mustard oil with argemone maxicana oil. International conference on Agri. Food & Eng. and Post-Harvest/Production Technology, held at Khon Kean, Thailand, Jan.21-24, 2007.
4. Satyendra V. Vikram, D. Maurya, A. P. S. Gaur, and **V. S. Chandel**, Synthesis and electrical characterization of $K_{1.85}Na_{0.15}(Ti_{4-y}Cu_y)O_9$ lead-free ceramic dielectrics by Presented in the Int. Symp. on Functional Materials [ISFM-09] held on 6-7th Jan. 2009 at University of Calcutta, Kolkata, India.
5. Mohammad Shafi Khan., **V. S. Chandel**, Characterization of argimone seeds at different concentration of moisture content held on 11th International Conference of the International academy of Physical Sciences, University of Allahabad, U.P., Feb. 20-22, 2010.
6. Mohd Shariq, Mohd Asim Siddiqui, **Vishal Singh Chandel**, Ameer Azam Investigations on structural and magnetic properties of $BiFeO_3$ ceramics, an International Conference on Chemistry and Materials: Prospects and Perspective, at Ambedkar University, Lucknow, December 14-16, 2012.
7. Mohd Asim Siddiqui, **Vishal Singh Chandel**, Mohd Shariq, Ameer Azam, Temperature dependent dielectric studies of nickel doped $K_2Ti_6O_{13}$ in an International Conference on "Condensed Matter and Biological Systems" at BHU Banaras, January 11-14, 2013.
8. Mohd Asim Siddiqui, **Vishal Singh Chandel**, Mohd. Shariq, Ameer Azam, Comparative structural studies of pure potassium hexatitanate prepared by sol-gel and solid state reaction method by

Souvenir of International seminar on nano & bio materials, organized by Lucknow University, Lucknow held on 17 November, 2013.

9. Pankaj Kumar Tripathi, Abhishek Kumar Misra, **Vishal Singh Chandel**, Satyendra Pratap Singh and Rajiv Manohar, Dielectric investigations in liquid crystalline phase of nematogen DoBDPMP, in International Conference on Advanced Materials and Applications (ICAMA-2014) March 24-26, 2014 Organized by Centre of Materials Science, University of Allahabad, Allahabad.
10. Abhishek Kumar Misra, Pankaj Kr Tripathi, **Vishal Singh Chandel** and Rajiv Manohar, Ferroelectric Liquid Crystal versus Fluorescent Dye Doped Ferroelectric Liquid Crystal, in International Conference on Advanced Materials and Applications (ICAMA-2014) March 24-26, 2014 Organized by Centre of Materials Science, University of Allahabad, Allahabad.
11. **Vishal Singh Chandel**, Mohd. Shafi Khan, Satyendra Pratap Singh and Rajiv Manohar, Dielectric Study of Black Pepper and White Pepper, An International Interactive Seminar Food Processing Industry: New Entrepreneurial Opportunity with Sustainable Business Patterns, Organized by Institute of Food Technology, Bundelkhand University Assocom Institute of Bakery Technology and Management (AIBTM), during July 7-8, 2014, Institute of Food Technology, Bundelkhand University Jhansi.
12. Mohd. Shafi Khan, **Vishal Singh Chandel**, Satyendra Pratap Singh and Rajiv Manohar, Dielectric Study of Black Cumin Powder (*Nigella Sativa* Linn.), An International Interactive Seminar Food Processing Industry: New Entrepreneurial Opportunity with Sustainable Business Patterns, Organized by Institute of Food Technology, Bundelkhand University Assocom Institute of Bakery Technology and Management (AIBTM), during July 7-8, 2014, Institute of Food Technology, Bundelkhand University Jhansi.
13. Mohd. Asim Siddiqui, **Vishal Singh Chandel**, Mohammad Shariq, Ameer Azam, EPR Analysis of Pure and Doped Potassium Hexa-Titanate ($K_2Ti_6O_{13}$) CERAMICS, International Symposium on Advances in Biological & Material Science- 15th July 2014, University of Lucknow, Lucknow.
14. Mohammad Shariq, **Vishal Singh Chandel**, Mohd. Asim Siddiqui, Multiferroic Properties of $Bi_{1-x}La_xFe_{0.97}Mn_{0.03}O_3$ [BLFMOX] Ceramics, International Symposium on Advances in Biological & Material Science- 15th July 2014, University of Lucknow, Lucknow.
15. Dielectric Investigations of Cobalt doped Potassium Hexatitanates ($K_2Ti_6O_{13}$), Mohd. Shariq, **Vishal Singh Chandel**, Mohd. Asim Siddiqui, An International Conference & Exhibition on cutting Edge Technological Challenges in Mechanical Engineering at Noida Institute of Engineering and Technology, Greater Noida during 21-22 March, 2015.
16. Mohd. Shafi Khan, **Vishal Singh Chandel**, Navshad Alam, Rajiv Manohar, Satyendra Pratap Singh, Comparative Dielectric Study of Basmati Rice of two Indian varieties (*Oryza sativa* L.) in School of Management Sciences, Lucknow on 21st November 2015.
17. Pooja Mishra, Bharat Mishra, **Vishal Singh Chandel** and Rajiv Manohar, Effect of Moisture content on germination of seed: A Case Study of Aizon Rice Seed in 1st North Indian Science Congress (NISC-2018) and International Conference on "Science and Technology for Sustainable Future" from 10th and 11th January 2018 at BBA University, Lucknow.
18. Pooja Mishra, Bharat Mishra, **Vishal Singh Chandel** and Rajiv Manohar, Determination of Dielectric properties of Pure and Insecticide Treated Rice seeds (*Oryza Sativa* L.), Challenges & Opportunities for Technological Innovation in India", (COTTI-2018) During February, 23rd & 24th 2018 at Ambalika Institute of Management & Technology, Lucknow.