

Research Publications:

International Journals: Total 13

1. Parvathy Bhaskar, M. G. Veena, B.S. Madhukar, "Synthesis and characterization of rare earth-doped zinc oxide nano structures", Advanced Material Letters, Diamond open access journal, Submitted: 2nd Jun 2022. IF: 3.42
2. Guruprasad B and M.G. Veena, "Analysis of MEMS Cantilever for sensing Volatile Organic Compounds", Journal of Micro and Nano Engineering, 14th May 2022. IF: 1.3
3. Parvathy Bhaskar, M. G. Veena, B.S. Madhukar, "A study of co-doping of rare earth and alkaline earth metals with zinc oxide nanoparticles", Asia-Pacific Journal of Science and Technology, Acceptance date ; April 27, 2022. I.F: 0.8
4. Prasenjit Biswas and M.G. Veena "High Voltage Direct Current Tracking and Erosion Resistance study of Silicone rubber Outdoor Insulator", Journal of Electrical Engineering, 102(1), pp. 187-194, Jan 2020. I.F: 1.069
5. Anusha M.R. M.G. Veena, "PWM Controlled Solenoid Valves for Automatic Gear Change in Four Wheelers", International Conference on VLSI, Signal Processing, Power Systems, Illumination and Control, Communication, and Embedded Systems (VSPICE-2019) being held on 23rd and 24th May 2019 at
N. M. A. M. Institute of Technology, Karkala, Mangaluru, India. Published as Book Series Lecture Notes in Electrical Engineering by Springer. 2020, 614, pp. 335-344. I.F: 0.3
6. V.V. Pattanshetti, G.M. Shashidhara and M.G. Veena, "Dielectric and Thermal Properties of Magnesium Oxide-Poly (Aryl Ether Ketone) Nanocomposites, Science and Engineering of Composite Materials, Vol 25, Issue 5, pp. 915-925, Oct 2017. IF: 0.467
7. Vinith. V. Kumar, M.G. Veena, G.S. Suresh, Seetharamaiah Nandini, "Design of a potentiostat and glucometer for Rhoeo discolor leaf extract based glucose biosensor", Journal of Innovation in Electronics and Communication Engineering, Vol. 5, Issue 1, pp. 63-70, ISSN 2249-9946, Jan-June 2015. IF: 2.098
8. M.G. Veena, N.M. Renukappa, D. Meghala, C. Ranganathaiah and J. Sundara Rajan, "Influence of Nanopores on Molecular Polarizability and Polarization Currents in Epoxy Nanocomposites", IEEE Transactions on Dielectric and Electrical Insulation, Vol. 21(3), pp. 1166-1174, June 2014. IF: 1.306
9. M.G. Veena, N.M. Renukappa, J.M. Raj, C. Ranganathaiah, K.N. Shivakumar, "Characterization of Nano-Silica Filled Epoxy composites for Electrical and Insulating Applications", Journal of Applied Polymer Science, Vol. 21(5), pp.2752-2760, 2011. IF: 1.6
10. M.G. Veena, N.M. Renukappa, B. Suresha, K.N. Shivakumar, "Tribological and Electrical Properties of Silica-Filled Epoxy

- Nanocomposites”, Polymer Composites Journal, Wiley Publications, Polymer Composites, Vol. 32(12), pp. 2038-2050, Dec 2011. IF: 2.0014
11. M.G. Veena, Kunigal N. Shivakumar, N.M. Renukappa, B. Suresha, “Influence of SiO₂ content in epoxy-SiO₂ nanocomposites on mechanical and electrical resistivity behavior”, International Conference on Advanced Nanomaterials and Nanotechnology (ICANN-2009), AIP Conference Proceedings, Vol. 1276, pp. 219-226, Oct 2010.
 12. M.G. Veena, N.M. Renukappa, S. Seetharamu, P. Sampathkumaran, “Effect of nanofiller at low frequency behavior of dielectric insulator”, IEEE Proceedings of the 9th International Conference on Properties and Applications of Dielectric Materials (ICPADM), Harbin, China, pp. 745-748, 19-23rd July 2009.
 13. M.G. Veena, N.M. Renukappa, Siddaramaiah, R.D. Sudhakersamuel, “Electrical conducting behavior of hybrid nanocomposites containing polyaniline, carbon nanotube and carbon black”, Proceedings of the SPIE, vol. 7267, pp. 1-6, 30th Dec 2008. I.F. 0.38

National Journal: 02

14. M.G. Veena, N.M. Renukappa, Kunigal N. Shivakumar, S. Seetharamu, “Dielectric properties of nanosilica filled epoxy nanocomposites”, Sadhana - Academy Proceedings in Engineering Science, Vol. 14, No. 4, pp. 407-414, Feb 2016. IF: 0.349
- [15] Ashwini Kumar, Anusha, M.G. Veena, “Obstacle Detection and Warning System”, Journal of the Instrument Society of India, Vol. 47, No. 4, ISSN: 0970-9983, Dec 2017.

International Conference: 18

- [1] Bhumika U, M G Veena, “Development of End-of-Line testing for Power net guardian products”, 13th IEEE PES Asia-Pacific Power and Energy Engineering virtual conference 2021 (APEEC), hosted by IEEE PES Kerala section, Kovalam, Trivendrum, Kerala, India on 21st to 23rd November 2021. (online presentation).
- [2] Parvathy Bhaskar, M. G. Veena, B.S. Madhukar, “Synthesis and Experimental Investigation of Zinc Oxide and Praseodymium Oxide Fused Metal Oxide Nanostructures”, 2021 IEEE 21st International Virtual Conference on Nanotechnology (NANO 2021), Montreal, Canada, 28th to 30th July, 2021.
- [3] Guruprasad, M.G. Veena, Detection of volatile compounds in MEMS fabricated cantilever sensor, IEEE International Conference on Electronics, Computing and Communication Technologies (IEEE CONECCT 2021), IEEE Bangalore Section, India, 9th to 11th July, 2021.
- [4] Parvathy Bhaskar, M. G. Veena, C.M. Mahadevapradas, Rachanasree, B.S. Madhukar, “Effect of Nano Pr₆O₁₁ on microcrystalline, morphological and optical properties of ZnO nanoparticles”, Indo-UK International Virtual Conference on Advanced Nanomaterials for Energy and Environment Applications (ICANEE- 2020), 16th to 18th Sep 2020.
- [5] Harish M. Prajna Holla, Chethan, Syed Azeem, M.G. Veena, “A Smart

- Attendance System based on Machine learning", IEEE GCAT 2019: Global Conference for Advancement in Technology 2019, Nagarjuna College of Engineering and Technology, Bengaluru, India, 18th-19th Oct 2019.
- [6] Mukund B. Balabhadra, M.G. Veena, Tejashwini,, "Two factor data security in cloud environment", IEEE-3rd International Conference on Electrical, Electronics, Communication, Computer Technologies and Optimization Techniques (ICEECCOT-2018), GSSS IETW- Mysuru, December 13th-14th 2018.
 - [7] Ashwini S. Doddamani, Veena M.G, "Smart video surveillance system based on motion detection by using Raspberry Pi", 2nd International Conference on Recent trends in Electronics, Information and Communication Technology (RTEICT- 2017), Dept. of Electronics and Communication Engineering, Sri Venkateshwara College of Engineering, Bengaluru, 19th – 20th May 2017.
 - [8] Abhishek, Veena M.G, "Industrial automation system for hydraulic cylinder lock testing", 2nd International Conference on Recent trends in Electronics, Information and Communication Technology (RTEICT-2017), Dept. of Electronics and Communication Engineering, Sri Venkateshwara College of Engineering, Bengaluru, 19th – 20th May 2017.
 - [9] Prasenjit Biswas, M.G. Veena, S. Ganga, MoumitaNaskar "Resistance to DC tracking and erosion of UV aged silicone rubber insulator", International Conference on High Voltage Engineering and Technology (ICHVET - 2015), Hyderabad, India, 29 - 30th Jan 2015.
 - [10] Prasenjit Biswas, M.G. Veena, S. Ganga, Moumita Naskar " Investigation of space charge and its transport process in UV aged silicone rubber", 19th International Symposium on High Voltage Engineering (ISH), University of West Bohemia in Pilsen, Czech Republic, organized by the Ministry of Industry and Trade of Czech Republic, 23 - 28th Aug 2015.
 - [11] M.G. Veena, N.M. Renukappa, P.B. Chethan, Rashmi, "Effect of seawater absorption on surface degradation of epoxy-alumina nanodielectrics for outdoor insulation applications", 3rd International Conference on Recent Advances in Material Processing Technology, (RAMPT – 2013), National Engineering College, Kovilpatti, Tamilnadu, pp. 172-174, 7th - 9th January, 2013.
 - [12] M.G. Veena, N.M. Renukappa, K.N. Shivakumar, S. Seetharamu, "Study of interface behavior on dielectric properties of epoxy-silica nanocomposites", Tenth International Conference on Properties and Applications of Dielectric Materials, ICPADM -2012, Central Power Research Institute, Bengaluru, pp. 72, 24-28th July 2012.
 - [13] M.G. Veena, N.M. Renukappa, J. Sundara Rajan, "Effect of Filler on Arc, Tracking Resistance and Dielectric Strength of Epoxy-Silica Nanocomposites", Second International Conference on Materials for the Future (ICMF), Government Engineering College, Trissur, Kerala, 23-25th Feb 2011.
 - [14] M.G. Veena, N.M. Renukappa, K.N. Shivakumar, S. Seetharamu, "Dielectric properties of nanosilica filled epoxy nanocomposites", International Conference on Composites in Future Trends (ICC-CFT 2011), Indian Institute of Science, Bengaluru, India, pp. 65, 4-7th Jan 2011.
 - [15] M.G. Veena, N.M. Renukappa, Kunigal N. Shivakumar, "Study of thermal

and dynamic mechanical properties of Nanopox F400/SC 79 epoxy composites”, International Conference on Advanced Materials, Manufacturing, Management, and Thermal Sciences (AMMMT 2010), Siddaganga Institute of Technology, Tumkur, 17-18th Nov 2010.

- [16] M.G. Veena, Kunigal N. Shivakumar, N.M. Renukappa, Gowthaman Swaminathan, “Dielectric properties and Breakdown strength of uniformly dispersed Nanosilica/Epoxy nanocomposites”, International Conference on Electro ceramics (ICE), Delhi, pp. 347, 13-17th Dec 2009.
- [17] M.G. Veena, B. Suresha, R.M. Devarajaiah, Kunigal N. Shivakumar “Effect of silica sand and quartz abrasives on three-body abrasive wear behavior of SiO₂ filled epoxy nanocomposites”, International symposium on National Metallurgist Day - Annual Technical Meeting NMD-ATM 2009, Indian Institute of Metals (IIM), Kolkata, 16-17th Nov 2009.
- [18] M.G. Veena, N.M. Renukappa, Siddaramaiah “Studies on impedance and susceptance behavior of insulator-conductor composites”, International Conference on Recent Advances in Materials, Processing and Technology (RAMPT), Kovilpatti, Tamilnadu, pp. 184-188, 25-27th Feb 2009.

National Conference: 07

- [1] Abhishek, Rahul Doddamani, Shakeel Ahmad, Wessess J. Sangma, M.G. Veena., “Digital Door Locking System”, presented a project work at National Symposium on Instrumentation (NSI 41), organized by Dept. of IT in association with Instrument Society of India, IISc Bengaluru, S. J. College of Engineering, Mysuru, on 13th – 14th July 2018.
- [2] Ashwini Kumar, Anusha, M.G. Veena, “Obstacle Detection and Warning System”, presented a project work at National Symposium on Instrumentation (NSI 41), organized by Dept. of IT in association with Instrument Society of India, IISc Bengaluru, S. J. College of Engineering, Mysuru, on 13th – 14th July 2018.
- [3] Rameshwari N.G, Varsha U, Sumedha S, Neha Misba A.K, Veena. M.G, “Smart reader for visually impaired”, One-day Conference on INNOVATION & DO-IT-YOURSELF ELECTRONICS, IEEE-CAS Bangalore Chapter and Supported by IEEE Bangalore Section & Texas Instruments India, Texas Instruments India, Bangalore Campus, Bangalore 560093, 16th June 2018.
- [4] One day conference on “INNOVATION AND DO-IT-YOURSELF ELECTRONICS-2017” (IDIYE-2017) presented a project on “Cloud Based Home Security System” Texas Instruments India, Bangalore Campus, in cooperation with IEEE Circuits and Systems Society Bangalore Chapter and IEEE Bangalore Section, on 27th May 2017.
- [5] M.G. Veena, N.M. Renukappa, “Impedance and dielectric Strength of Silica Filled Epoxy Nanocomposites for Electrical Insulation”, 5th National Conference on Plastic and Rubber Technology (NCPRT), Dept. of Polymer Science & Engineering, S J College of Engineering, Mysuru, 25th -26th April 2011.
- [6] M.G. Veena, N.M. Renukappa, “Impedance Property and Morphology of Silica Filled Epoxy Nanocomposites”, Workshop and National Conference

on Monte Carlo Simulation, at School of Physics, Madurai Kamaraj University, Madurai, 9-13th Aug 2010.

- [7] M.G. Veena, N.M. Renukappa, “An effect of resistivity behavior on epoxy-SiO₂ nanocomposites”, National Conference on NANO-CRYSTAL-2009, Tiruchendur, Tamilnadu, pp. 82, 5-6th Aug 2009.

Publications

Research Publications

Books/ Manuals	Papers in Refereed International Journals	Papers in Refereed national Journals	Contributed papers in Conference or Symposium
02	13	02	25

Google scholar Citations : 104

h-index : 05

i10-index : 03