|  |
| --- |
| **Publications 2015-2016** |
| **International Journal** | **National Journal** | **International Conference** | **National Conference** |
| 7 | NIL | 4 | 1 |

**International Journal:**

1. Effect of Annealing on Super-capacitive Performance of Electrodeposited Vanadium-Nickel Oxide Thin Film Electrode. A. Sutar, M. S. Pawar, **M. K. Rendale,**S. K. Kandalkar, Imperial Journal of Interdisciplinary Research 2(5)(2016)595-599.
2. Dielectric and Magnetic Properties of Substituted Li–Zn Ferrite Thick Films Clouded over a Half Wavelength Microstrip Rejection Filter. **M. K. Rendale**, S. N. Mathad, D. C. Kulkarni, Vijaya. Puri. International Journal of Self Propagating High Temperature Synthesis 25(2)(2016)86- 91.
3. Study of lead free ferroelectrics using overlay technique on thick film microstrip ring resonator, Shridhar N. Mathad, **Maruti K. Rendale**, Roopali N. Jadhav, Vijaya R. Puri, Processing and Application of Ceramics 10 (1) (2016) 41–46.
4. LED based evanescent wave fiber optic sensor technique to detect Fe+2 concentration, V.K. Kulkarni, **H. H. Bendigeri,**R.M. Kulkarni, AIP Conf. Proc. 1731 (2015) 060024(1-3)
5. Enhancing Electrochemical Performance of V2O5 Thin Film by using Ultrasonic Weltering. M. A. Sutar, M.S. Pawar, **M. K. Rendale**, S. G. Kandalkar. IOSR Journal of Applied Physics 7(6)(2015)41-45.
6. Structural and IR study of Ni0.5-x Cd*x*Zn0.5Fe2O4. M. R. Patil, **M. K. Rendale**, S. N. Mathad, R. B. Pujar.  International Journal of Self Propagating High Temperature Synthesis 24(4)(2015)241-245.
7. Dielectric Relaxation Studies of 2-Ethoxybenzonitrile, 4-Ethoxybenzonitrile, 1-Bromo 2,4-Difluorobenzene, 2,6-Difluorobenzaldehyde and 2-Bromo 4-Fluoroanisole in Benzene, P. R. Hiremath, **M. K. Rendale, P. B. Belavi**, and S. N. Mathad, Materials Focus Vol. 4, (2015) pp. 1–9.

**International Conference:**

1. Structural and Electrochemical Behaviour of Electro-deposited Ni Doped V2O5 Thin Film on Quenched Stainless Steel Substrate, M. A. Sutar, **M. K. Rendale**, S. G. Kandalkar was presented in the 5th International  Conference on “Materials Processing and Characterization” held at “Gokaraju Rangaraju Institute of Engineering and Technology, Hyderabad”  from 12-13th March 2016.
2. Measurement of Magnesium Ferrite Semiconductors with Nickel Substituent, Pradeep. Chavan, **P.B. Belavi**,and L.R. Naik. International Conference on “Materials Science and Ionizing Radiation Safety & Awareness (**ICMSIRSA –2016**)” held at Shivaji University, Kolhapur, from 19th – 21st January, 2016.
3. Synthesis, characterization and magnetic properties of Mn substituted Ni-Cu ferrites. **P.B. Belavi**, Pradeep. Chavan, and L.R. Naik. International Conference on “Materials Science and Ionizing Radiation Safety & Awareness (**ICMSIRSA –2016**)” held at Shivaji University, Kolhapur, from 19th – 21st January, 2016.
4. Structural and Elastic Properties of  Bismuth Substituted Ni-Cu Ferrites, Pradeep. Chavan, **P.B. Belavi**, G.N. Chavan, L.R. Naik. International Conference on Nanoscience, Nanotechnology & Advanced Materials (**NANOS-2015**) held at Gitam University, Visakhapatnam (A.P), from 14th – 17th December, 2015.

**National Conference:**

1. Radiation induced modification of acoustic parameters in PVDF solution. **S.S. Kulkarni** and U.V. Khadke, National symposium on Radiation Physics held at Mangalore University Mangalore from 28th October to 30th October 2015.