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| **Publications 2017-2018** | | | |
| **International Journal** | **National Journal** | **International Conference** | **National Conference** |
| 7 | NIL | 1 | NIL |

**International Journal:**

1. Structural and Dielectric Properties of Lead-Free Zr-Doped Barium Titanates, S. D. Vasawade, S. S. Paramaje, N. J. Choudhari, B. V. Grampurohit,**M. K. Rendale**, S. N. Mathad, C. S. Hiremath, and R. B. Pujar,  International Journal of Self-Propagating High-Temperature Synthesis, 27(1)(2018)26-32
2. Light Emiting Diode Based Evanescent Eave Fiber Optical Chemical Sensor for Detection of Thiocynate, V.K. Kulkarni, **H. H. Bendigeri,**R.M. Kulkarni,  Asian Journal of Chemistry, Vol.30, No. 2 (2018)  351-354
3. Structural and Elastic Properties of Chromium Substituted Nickel Ferrites, VT Muttannavar, Pradeep Chavan, Geeta Chavan, **P B Belavi**, LR Naik, International journal of pure and applied research 2 (1), 1-6 (2018)
4. Structure and nonlinear optical properties of (E)-1-(4-aminophenyl)-3-(3-chlorophenyl) prop-2-en-1-one: A promising new D-p-A-p-D type chalcone derivative crystal for nonlinear optical devices, **Anusha Ekbote**, P.S. Patil,, Shivaraj R. Maidu, Tze Shyang Chia and Ching Kheng Quah  Journal of Molecular Structure 1129 (2017) 239e247
5. Structural, third-order optical nonlinearities and figures of merit of (E)-1-(3-substituted phenyl)-3-(4-fluorophenyl) prop-2-en-1-one under CW regime: New chalcone derivatives for optical limiting applications,**Anusha Ekbote**, P.S. Patil,, Shivaraj R. Maidu, Tze Shyang Chia and Ching Kheng Quah, Dyes and Pigments 139, (2017)720-729
6. Molecular structure, second- and third-order nonlinear optical properties and DFT studies of a novel non-centrosymmetricchalcone derivative: (2E)-3-(4-fluorophenyl)-1-(4-{[(1E)-(4-fluorophenyl)methylene]amino}phenyl)prop-2-en-1-one Shivaraj R. Maidur,Parutagouda Shankaragouda Patil,**Anusha Ekbote**,Tze Shyang Chia and Ching Kheng Quah , SpectrochimicaActa Part A: Molecular and Biomolecular Spectroscopy, 184, (2017) 342-354
7. Ferromagnetic resonance of NiCoFe2O4 nanoparticles and microwave absorption properties of NiCoFe2O4– Carbon black/Poly (vinyl alcohol) composites, Gopal Gutt, **Chetan Kotabage**, A.C. Abhyankar, Physical Chemistry Chemical Physics, 19 ( 2017), 20699

**International Conference:**

1. Synthesis, Structural, Characterization and Dielectric Spectroscopy of PVDF – BaTiO3 Polymer Composite. S. S. Kulkarni, **P. B. Belavi**, U. V. Khadke. “2nd International Conference on Condensed Matter & Applied Physics (ICC-2017)” held from 24th – 25th November, 2017, at Bikaner, Rajasthan.