



CURRICULUM VITAE

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| Name: | Prof. V. M. Bhumannavar | |
| Designation: | Assistant Professor | |
| Department: | Physics | |
| Specialization & Research Interests: | Spectroscopy, Fluorescence, Phosphorescence, Crystal Growth, Vibrational Spectroscopy, Density Functional Theory (DFT), Second & Third order Non-Linear Optics, Z – Scan Measurement of Third Order Nonlinearities. | |
| Email IDs (Official & Personal) | vmbhumannavar.phy@hsit.ac.in vbhumannavar@gmail.com | |
| Mobile No.: | 9448526988 | |
| Address: | Asst. Professor Dept. of Physics Hirasugar Institute of Technology, Nidasoshi Karnataka PIN - 591 236 | |

2. ACADEMIC QUALIFICATION (in reverse Chronological order):

| Degree | Year | University/Board |
|---------------------|----------------------|--|
| Ph. D (Pursuing) | 2013 (Registered) | Visvesvaraya Technological University, Belagavi. |
| M.Sc. | 2005 | Karnataka University, Dharwad. |
| M. Phil | 2007 | Periyar University, Salem. |
| B.Sc. | 2003 | Karnataka University Dharwad. |

3. ANY OTHER QUALIFICATION:

Bachelor of Education (B.Ed)

4. PROFESSIONAL EXPERIENCE:

| Organization/Institute/University | Position Held | Duration |
|--|---------------------|-------------------|
| S.J.P.N Trust's Hirasugar Institute of Technology, Nidasoshi | Assistant Professor | 2014 to till date |
| K L E Society's P. C. Jabin Science College, Hubballi | Lecturer | 8 years |

5. ADMINISTRATIVE ASSIGNMENTS:

| Position Held | Duration | Nature of Work |
|---------------|----------|----------------|
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6. COURSES TAUGHT:

Engineering Physics, Engineering Physics Laboratory

7. RESEARCH SUPERVISION:**A. Ph.D:**

- i. Awarded :
- ii. Submitted :
- iii. Ongoing :

B: M.Tech.

- i. Awarded :
- ii. Submitted :
- iii. Ongoing :

C. BE/B.Tech Degree Oriented (Bachelor Level Dissertation):

- i. Awarded :
- ii. Submitted :
- iii. Ongoing :

8. CONTRIBUTION TO CORPORATE LIFE OF THE INSTITUTE:**9. MEMBERSHIP OF SOCIETIES/PROFESSIONAL BODIES:****10. PUBLICATIONS:****A. BOOKS/MONOGRAPHS:**

1. Authored:
 - i.
 - ii.
 - iii.

2. Edited:
 - i.
 - ii.
 - iii.

B. PAPERS IN REFEREED/PEER REVIEWED JOURNALS:

- i. Second Harmonic Generation in Some Donor-Acceptor Substituted Chalcone Derivatives (*Journal of Crystallization Process and Technology*, 2013, 3, 108-117).

C. PAPERS IN CONFERENCES PROCEEDINGS:

- i. Determination of particle size of marble powder, Na_2CO_3 , CaF_2 and NaCl using Laser source.
- ii. FTIR and Raman Spectra assignments and Electronic Structure calculations for 3, 4-difluoroaniline.
- iii. Pd(II) catalyzed chlorination of livofoxacin during water treatment: Kinetics and Mechanism
- iv. Molecular structure, spectroscopic (FT-IR, FT Raman, UV, NMR and TGA/DTA) investigation and hyperpolarizability studies of (*E*)-1-(4-bromophenyl)-3-(2-chlorophenyl) prop-2-en-1-one

11. Patents/Copyrights/IPR (If Any)**12. INVITED TALKS:**

13. RESEARCH PROJECTS (COMPLETED/ONGOING):**14. PARTICIPATION & PRESENTATIONS IN SEMINARS /SYMPOSIA/ WORKSHOPS/ CONFERENCES:**

- i. Quality Improvement Programme (QIP) Short Term Course on MODERN BIOPHYSICAL TECHNIQUES on December 11 - 15, 2017 at Indian Institute of Technology Bombay Powai, Mumbai-400076
- ii. Faculty Development Program talk on “Duty and Sincerity” on 01/08/15 at S J P N Trust’s Hirasuagr Institute of Technology, Nidasoshi
- iii. "Intellectual Property Rights and Patent Filing" on 16-09-15 at S J P N Trust’s Hirasuagr Institute of Technology, Nidasoshi.
- iv. Plagiarism Awareness Program on 28-06-15 at VTU Headquarter Belagavi.
- v. “UGC Sponsored Two Day National Seminar on Advances in Soft Matter and Low Dimensional Materials” on 20-02-15 & 21-02-2015 at KLE'S P.C.Jabin Science College, Hubballi.
- vi. Research Methodologies & Latex on 8th – 10th July 2014 at Visvesvaraya Technological University Belgaum.

15. AWARDS, FELLOWSHIPS & OTHER DISTINCTIONS:**16. ANY OTHER SIGNIFICANT INFORMATION:**

(Prof. V. M. Bhumannavar)