

## Faculty profile

<b>Name</b>	<b>First Name</b>	<b>Middle Name</b>	<b>Surname</b>
	Mahabaleshwar	Sadeppa	Yaragop
<b>Department</b>	Physics		
<b>Designation</b>	Associate Professor		
<b>Qualification(s)</b>	M. Sc., PGDCA., Ph. D.		
<b>Certification(s)/Professional Courses/Exams</b>			
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### Area of Experience:

<b>1</b>	<b>Served as Controller of Examination at KLE'S P C Jabin Science College, Hubli for two years</b>
<b>2</b>	<b>Served as Incharge Principal at KLE'S G H College, Haveri for two years</b>

### Research Publications:

1	Vibrational and DFT investigation of (S) - (+)-3-Methyl-2-butyl isocyanate. J. Tonannavar, M S Yaragop, Jayashree Yenagi. Journal of International Academic Research for Multidisciplinary (jiarm), vol.1, issue 10, Nov 2013(555-567)
2	<i>An experimental study on vibrational structure of (S)-(-)-1-Phenylethyl isocyanate and DFT methods.</i> J. Tonannavar, M S Yaragop, Jayashree Yenagi. Journal of International Academic Research for Multidisciplinary (jiarm) vol. 1, issue 10, Nov 2013(648-662)
3	Spectroscopic study on structure of 2-Chloro-6-Trifluoromethylphenylisocyanate as studied by experimental and DFT methods M. S. Yaragop, P M Patil, M. K. Aralakkanavar, J. Int. Aca. Res. For Multidisciplinary, 7(5), 2019.
4	Spectroscopic structure of 3-methoxyphenyl isocyanate as studied by experimental and DFT methods M. S. Yaragop, Preeti M Patil and M. K. Aralakkanavar, Review of Research, 8(8). 2019.

**Area of Interest in Research:**

<b>1</b>	<b>Vibrational Spectroscopy</b>
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**Participated / Presented papers in Conference/Seminar/Symposia**

<p><b>01</b></p>	<p>On the vibrational structure of (S)-(-)-1-Phenylethyl isocyanate as studied by experimental and DFT methods J. Tonannavar, M S Yaragop, JayashreeYenagi</p>	<p><b>3<sup>rd</sup> International Conference on Current Developments in Atomic, Molecular, Optical &amp; Nano Physics with Applications (CDAMOP-2011)</b>, which was held at University of Delhi from 14<sup>th</sup> to 16<sup>th</sup> December 2011, p-158.</p>
<p><b>02</b></p>	<p>Experimental and DFT Vibrational analysis of (R)-(+)-1-Phenylpropyl isocyanate (C<sub>10</sub>H<sub>11</sub>NO) J. Tonannavar, M S Yaragop, Jayashree <b>Yenagi</b></p>	<p><b>23<sup>rd</sup> International Conference on Raman Spectroscopy</b>, which was held at Indian Institute of Science, Bangalore, from 12<sup>th</sup> to 17<sup>th</sup> August 2012, Tu-098, p- 96.</p>
<p><b>03</b></p>	<p>DFT, VCD And Vibrational Studies Of (S)-(+)-3-Methyl-2-Butyl Isocyanate. J. Tonannavar, M S Yaragop, JayashreeYenagi.</p>	<p><b>4<sup>th</sup> International Conferenceon Perspectives in Vibrational Spectroscopy</b> held at Bishop Moore College, Mavelikara,Kerala, p-130.</p>

04	<p>Experimental And Dft Vibrational Analysis Of 4-Chloro-3-(Trifluoro Methyl) Phenyl Isocyanate  Dr. G B Kalkoti<sup>1*</sup>, M S Yaragop<sup>1</sup> and  <b>Dr. M K Aralakkanavar<sup>1</sup></b></p>	<p>Experimental And Dft Vibrational Analysis Of 4-Chloro-3-(Trifluoro Methyl) Phenyl Isocyanate  Dr. G B Kalkoti<sup>1*</sup>, M S Yaragop<sup>1</sup> and  <b>Dr. M K Aralakkanavar<sup>1</sup></b></p>
05	<p>On The Assignment Of Vibrational Modes Of 4-Chloro-3-(Trifluoro Methyl) Phenyl Isothiocyanate As Measured Experimentally And Aided By Ab Initio And Dft Analysis  M S Yaragop<sup>1*</sup>, Dr. G B Kalkoti<sup>1</sup>, and  <b>Dr. M K Aralakkanavar<sup>1</sup></b></p>	<p><b>International Conference on Current Developments in Atomic, Molecular, Optical &amp; Nano Physics with Applications (CDAMOP-2011)</b>, which was held at University of Delhi from <b>11th - 14th March, 2015.</b></p>
06	<p><i>Ab initio</i>, DFT and normal coordinate calculations, and vibrational assignments for 2,3,4-trifluorobenzonitrile.  M.S.Yargop, <b>C. S. Hiremath, G.B.Kalakoti And J. Tonannavar</b></p>	<p>Presented and published in the proceedings of NCMS-July 19-20, 2007, Dept of Physics, Aarupadai Veedu Institute of Technology, Vinayak Missions University Payanoor.  <b>Proceedings Pages-14,15,</b></p>
07	<p>ASSIGNMENT OF VIBRATIONAL MODES OF (R)-(-)-2-BUTANOL AS MEASURED XPERIMENTALLY AND AIDED BY AB INITIO AND DFT ANALYSIS</p>	<p><b>International Conference on Mathematics, Physics &amp; Allied Sciences – 2016</b>  <b>Organized by: Carmel College for Women, Goa</b></p>

<b>08</b>	Vibrational analysis of (R)-(+)-1-Phenylpropyl isocyanate (C <sub>10</sub> H <sub>11</sub> NO). J. Tonannavar, M S Yaragop, Jayashree <b>Yenagi</b>	UGC sponsored national seminar on “Advances in soft matter and low dimensional materials” 20 <sup>th</sup> 21 <sup>st</sup> Feb 2015 at P C Jabin <b>Science College Hubballi</b>
<b>09</b>	Rotational diffusion of a polar solute in <b>DMSO – water system</b>	TEQIP III sponsored Int. Nat. Conf. on Atomic, Molecular, Optical & Nanophysics with applications, Delhi Technological <b>University, Delhi</b>
<b>10</b>	Raman and Infrared spectra and Ab initio/DFT calculations for the optimized structure of (S)-(+)-2-Nonyl isocyanate (C <sub>10</sub> H <sub>19</sub> NO)	
<b>11</b>	National Seminar Sponsored by NAAC on Quality in Higher Education: Rural Empowerment; Challenges and Opportunities	B.K.College Chikodi on 6 <sup>th</sup> and <b>7<sup>th</sup> March 2005</b>
<b>12</b>	One day State level Seminar on Astrophysics	22 <sup>nd</sup> Sept 2007 Basaveshwar Sc College Bagalkot
<b>13</b>	UGC Sponsored two-days National Seminar on Emerging Multidisciplinary Trends in Nanoscience and Technology	9 <sup>th</sup> , 10 <sup>th</sup> Feb 2009; P C Jabin Science College Hubli
<b>14</b>	UGC Sponsored two-days National Seminar on Higher Education in the New Millennium- Issues and Challenges	18 <sup>th</sup> , 19 <sup>th</sup> Feb 2011; P C Jabin Science College Hubli
<b>15</b>	NAAC Sponsored two-days National Seminar on Innovative Curriculum for	2 <sup>nd</sup> , 3 <sup>rd</sup> March 2017; P C Jabin Science College Hubballi

	Student Employability and Global Competency	
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**Add if any.....**

**Dr M SYaragop**  
**Associate Professor in Physics,**  
**KLE'S G H College, Haveri**