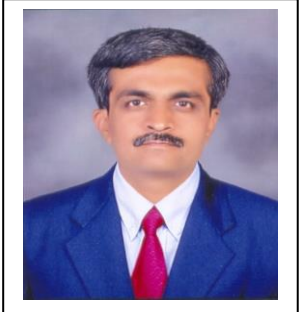


## FACULTY PROFILE

<b>Name</b>	:	<b>Dr. CHANDRASEKHAR KAMMARCHEDU</b>	
<b>Designation</b>	:	<b>Professor and Controller of Examinations</b>	
<b>Department</b>	:	<b>Physics</b>	
<b>Employee ID</b>	:	<b>TPH001</b>	
<b>Faculty Unique ID</b>	:	<b>1-499569561</b>	
<b>E mail ID</b> (College official ID) (Personal mail ID)	:	<a href="mailto:kcsph@becbgk.edu">kcsph@becbgk.edu</a> <a href="mailto:kcsbgk2@gmail.com">kcsbgk2@gmail.com</a>	
<b>Contact details</b>	:	<b>Department of Physics, Basaveshwar Engineering College, Bagalkote-587102</b>	
<b>Orcid ID</b>	:	<b>0000-0003-4643-785X</b>	
<b>Scopus ID</b>	:	<b>57197644883</b>	
<b>Vidwan Id</b>	:	<b>140789</b>	
<b>Researcher ID (Web of Science)</b>	:	<b>AAG-8675-2021</b>	
<b>Google Scholar ID</b>	:	<b>wuZ7eEwAAAAJ</b>	
<b>Qualification</b>	:	<b>M.Sc, Ph.D</b>	
<b>Professional Experience</b>			
Teaching experience	:	<b>28</b>	
<b>Administrative Responsibilities</b>	:	<b>Controller of Examinations</b>	
<b>Teaching</b>	:	<b>Physics for Electrical Sciences, Engineering Physics, Engineering Physics Laboratory</b>	
<b>Research Interest Area</b>	:	<b>Ultrafast Spectroscopy, Material science, Sensors for Biodiesel applications</b>	
<b>No. of Research Scholars Pursuing</b>	:	<b>02</b>	
<b>Awarded</b>	:	<b>02 (Co-guide)</b>	
<b>Publications</b>	:		
<b>Journals (with citations)</b>	:	<b>1. Krishnamurthy Bhat, Bharati S. Meti, K. Chandrasekhar, “Planar Inter Digital Capacitive Sensor for Real time Transesterification Progress Monitoring of Karanja (Pongamia) Oil”, Asian Journal of Convergence in Technology ISSN NO: 2350-1146, Volume VI Issue III,</b>	

	<p>December 2020, PP 39-47</p> <ol style="list-style-type: none"> <li>2. Krishnamurthy Bhat, Bharati Meti, K. Chandrasekhar, "Consolidation of available methods and design of a reliable physicochemical system for transesterification progress monitoring in biodiesel reaction chamber", International Research Journal of Engineering and Technology (IRJET), e-ISSN: 2395-0056, p-ISSN: 2395-0072, Vol. 3, Issue 6, June 2016, pp. 2334-2338.</li> <li>3. Krishnamurthy Bhat, Bharati Meti, K. Chandrasekhar, "Automation technique for online transesterification process of biodiesel plant in India", International Journal of Biotechnology and Research (IJBTR), ISSN (E): 2249-796X; ISSN (P): 2249-6858, Volume 6, Issue 1, February 2016, pp. 13-18.</li> <li>4. N R Patil, R M Melavanki, S B Kapatkar, K Chandrasekhar, N H Ayachit, Siva Umaphathy, "Solvent effect on the fluorescence quenching of biologically active carboxamide by aniline and carbon tetrachloride in different solvents using S-V plots", Journal of Luminescence, Volume 132, issue 3, March 2012, pp 558-565</li> <li>5. N R Patil, R M Melavanki, S B Kapatkar, K Chandrasekhar, H D Patil, Siva Umaphathy, "Fluorescence quenching of biologically active carboxamide by aniline and carbon tetrachloride in different solvents using Stern-Volmer plots", Spectrochimica Acta Part A : Molecular and Biomolecular Spectroscopy, Volume 79, issue 5, September 2011, pp 1985-1991</li> <li>6. K Chandrasekhar, S. R. Inamdar, D. C. Patil, N. N. Math, "Steady-state absorption and fluorescence study: Dipole moments of coumarins", Indian Journal of Pure and Applied Physics, volume 44, April 2006, pp 292-299</li> </ol>
<p><b>Invited Talks</b></p>	<p>: <b>"Smart Technologies for Health Care Professionals", P.M.N.M Dental College and Hospital, Bagalkot, 28<sup>th</sup> June 2017</b></p>

<b>Conferences/Symposiums /Workshops/Training Programs Attended</b>	<p><b>:</b></p> <p><b>Sl.No. Title of the Course/Programme</b></p> <p><b>01 Two days workshop on “ Outcome Based Education (OBE)”, 1.2.2023 and 2.02.23 at BEC, Bagalkote</b></p> <p><b>02 One day faculty Orientation Programme for VTU affiliated college teachers on revised Physics syllabus -2022 on 29<sup>th</sup> November 2022 at REC, Hulkoti</b></p> <p><b>03 Online 4 Days international conference on examinations – IDEA 2021(International Debate on Examinations &amp; Assessment-2021), Council of examiners – India and Skill Slate Foundation, Pune, 8<sup>th</sup> to 11<sup>th</sup>, June 2021</b></p> <p><b>04 Two days Online Webinar on “Emerging Semiconductors for Energy Conversion and storage devices”, Physics Department, KLE Technological University, Hubballi, 21<sup>st</sup> and 22<sup>nd</sup> October 2020.</b></p> <p><b>05 Online International webinar on “Trait Emotional Intelligence and Resilience at the time of COVID-19”, BEC(A), Bagalkot, 23<sup>rd</sup> July 2020</b></p> <p><b>06 Online Workshop on “Universal Human Values on the theme Including Universal Human Values in Technical Education”, AICTE, 18<sup>th</sup> to 22 July, 2020</b></p> <p><b>07 Online webinar on “Applications of IoT and Emerging Business model”, BEC(A), Bagalkot, 4<sup>th</sup> July, 2020</b></p> <p><b>08 Online “ Science Leadership Workshop”, Central University, Punjab, 22<sup>nd</sup> to 28<sup>th</sup> June, 2020</b></p> <p><b>09 National Level Webinar on “Advancing the future to Thrive in Next Normal”, BEC(A), Bagalkot, 6<sup>th</sup> June 2020</b></p> <p><b>10 E-workshop on “AICTE-Examination Reform Policy”, BEC(A), Bagalkot, 29<sup>th</sup> and 30<sup>th</sup> April, 2020</b></p> <p><b>11 National Level Webinar on “Unlocking the Lockdown Through E- Examination”, IET, Dr.RMLAU, Ayodhya,UP, 20<sup>th</sup> Aril, 2020</b></p> <p><b>12 Online 2 week course on “Digital Transformation in Teaching Learning Process”, IIT, Bombay, FEB. 14<sup>th</sup> to March 6<sup>th</sup> 2020</b></p>
<b>Awards and Honors</b>	<p><b>:</b></p> <p><b>B.Sc Gold Medal</b> <b>M.Sc Gold Medal</b></p>