


## FACULTY PROFILE

<b>Name</b>	:	<b>Prof. Ratnaprabha. P. Araganji</b>	
<b>Designation</b>	:	<b>Assistant Professor (Sl. Gr.)</b>	
<b>Department</b>	:	<b>Physics</b>	
<b>Employee ID</b>	:	<b>TPH003</b>	
<b>E mail ID</b> (College official ID), (Personal mail ID)	:	<a href="mailto:apratna@gmail.com">apratna@gmail.com</a> <a href="mailto:rpaph@becbgk.edu">rpaph@becbgk.edu</a>	
<b>Contact details</b>	:	<b>Department of Physics</b> <b>Basaveshwar Engineering College (A),</b> <b>Bagalkot-587103</b> <b>Phone: 08354-234204</b>	
<b>Orcid ID</b>	:		
<b>Scopus ID</b>	:		
<b>Vidwan Id</b>	:		
<b>Researcher ID (Web of Science)</b>	:		
<b>Google Scholar ID</b>	:		
<b>Qualification</b>	:	<b>M.Sc</b>	
<b>Professional Experience</b>	:	<b>27</b>	
Teaching experience	:	<b>27</b>	
Industry experience	:	<b>Nil</b>	
<b>Administrative Responsibilities</b>	:	<ol style="list-style-type: none"> <li><b>1. Member for BoS for Engineering Physics.</b></li> <li><b>2. Worked as a BoE for Engineering Physics subject.</b></li> <li><b>3. BOS member since 2007</b></li> <li><b>4. Lab coordinator</b></li> <li><b>5. BOE Coordinator, Dept. of Physics, BEC Bagalkot (2012-13) (2017-18) (2021-22)</b></li> <li><b>6. Exam Coordinator-2013-14, 2017-18, 2021-22</b></li> <li><b>7. QEEE Coordinator</b></li> <li><b>8. Participated in stock verification of various departments.</b></li> <li><b>9. Coordinator anti ragging committee 2012-13</b></li> <li><b>10. Coordinated in CIE conduction</b></li> <li><b>11. Coordinated in admission session</b></li> </ol>	

		<b>12. Department NBA, NAAC Coordinator 2019-20, 2020-21, 2021-22</b>
<b>Teaching</b>	:	<b>27 Years of Experience</b> <b>1. Basaveshwar Engineering College , Bagalkote. (1997– Till Date)</b>
<b>No. of Projects Guided</b>		
UG	:	<b>Nil</b>
PG	:	<b>Nil</b>
<b>Research</b>		
Interest Area	:	<b>Material science</b>
<b>No. of Research Scholars</b>		
Pursuing	:	<b>Nil</b>
Awarded	:	<b>Nil</b>
<b>Patents</b>	:	<b>Nil</b>
<b>Research Grants</b>	:	<b>Nil</b>
<b>Publications</b> Books/Chapters	:	<b><i>Has published book on “ENGINEERING PHYSICS” in August 2015 with a joint author. Publish: Eastern book promoters Belgaum.</i></b>
<b>Journals (with citations)</b>	:	<b>Nil</b>
<b>Conferences</b>	:	<b>Nil</b>
<b>Events Organized</b>	:	<ol style="list-style-type: none"> <li>1. <i>Has conducted a workshop on “Robotics &amp; Nanotechnology” in Feb.2009 at Basaveshwar Engineering College, Bagalkot.</i></li> <li>2. <i>Has conducted a workshop on “composites and their applications” in mar.2014 at Basaveshwar Engineering College, Bagalkot.</i></li> </ol>
<b>Conferences/ Symposiums/ Workshops/ Training Programs Attended</b>		<ol style="list-style-type: none"> <li>1. <i>AICTE-ISTE 2 Weeks workshop on “Recent trends in renewable energy sources”, from 3/9/01-15/9/01 at BEC Bagalkot</i></li> <li>2. <i>ISTE sponsored 2 Days Technical education and challenges in the new millennium, BEC Bagalkot 3-4 Nov 2001</i></li> <li>3. <i>1 Day workshop on “uniform teaching methodology for physics teachers, Belgaum region”, on 1/5/2002 at BEC Bagalkot</i></li> <li>4. <i>AICTE-ISTE 2 Weeks workshop on “Processing of composite materials”, from 26/8/02-7/9/02 at BEC Bagalkot</i></li> <li>5. <i>AICTE-ISTE 2 Weeks workshop on “Futuristic materials and their applications” from 18/8/03—30/8/03</i></li> <li>6. <i>AICTE 2 Weeks Induction programme for young teachers from 19/1/04—31/1/04</i></li> <li>7. <i>DBT MST 2 Days seminar on “Recent advances in food biotechnology” at BEC Bagalkot from 21-22 Oct 2005</i></li> <li>8. <i>TEQIP sponsored 1 Week workshop on “Mathematical modeling for digital image processing”, at BEC Bagalkot from 9/1/06-14/1/06</i></li> </ol>

	<ol style="list-style-type: none"> <li>9. <i>TEQIP sponsored 1 Week work shop on "Vision R &amp; D", at BEC Bagalkot from 20/3/06-25/3/06</i></li> <li>10. <i>TEQIP sponsored 1 Week STTP on " applied mathematics", at BEC Bagalkot from 3/4/06-8/4/06</i></li> <li>11. <i>TEQIP sponsored 1 Week FDP on " C# &amp; NET", at BEC Bagalkot from 1/6/06-6/6/06</i></li> <li>12. <i>TEQIP sponsored 1 Week STTP on "Nanotechnology and it's applications", at BEC Bagalkot from 14/8/06-19/8/06</i></li> <li>13. <i>TEQIP sponsored 1 Week Special lecture series on "mathematical modeling for biotechnology", at BEC Bagalkot from 11/9/06-16/9/06</i></li> <li>14. <i>TEQIP sponsored 2 Days National level seminar on "modern sensors and their applications" 17-18 Nov 2006</i></li> <li>15. <i>2 DAYS International symposium on " Green Technologies for sustainable development "BEC, Bagalkot.24-25 Feb 2007</i></li> <li>16. <i>TEQIP sponsored Day FDP on "Emotional intelligence and effective leadership", at BEC Bagalkot on 27/3/07</i></li> <li>17. <i>2 Days National Conference for research scholars, BEC Bagalkot 12-13 March 2007</i></li> <li>18. <i>TEQIP sponsored 2 Days National conference on Mathematical methods and applications, BEC BGK 17-18 March 2007</i></li> <li>19. <i>TEQIP sponsored 2 Days National symposium on Green chemistry – an essential measure in environmental protection, BEC BGK 21-22 Sept 2007</i></li> <li>20. <i>3 Days TEQIP sponsored FDP on "Basics of wavelets and applications", at BEC Bagalkot from 13/3/08-15/3/08</i></li> <li>21. <i>TEQIP sponsored 2 days International colloquium on Nanotechnology-gateway to a promising future 8-9 july 2008</i></li> <li>22. <i>STTP on recent trends in nanotechnology BEC Bagalkot from 16/2/09-20/2/09</i></li> <li>23. <i>3 days Recent Advances in Thin Film Technology 19-21 Dec 2013</i></li> <li>24. <i>TEQIP sponsored 2 days seminar on Sustainable Innovation-an End To End Approach 29-30 January 2014</i></li> <li>25. <i>TEQIP sponsored 1 day Intellectual Property Rights Awareness Programme 5/12/2014</i></li> <li>26. <i>3 day Faculty development programme conducted by teaching learning center IIT Madras 12-14 October 2015</i></li> </ol>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>27. <i>TEQIP-II sponsored 1 day Hands on training on thin film coating and lithography techniques 6TH November 2015</i></p> <p>28. <i>TEQIP-II sponsored day Outcome based education 18 December 2015</i></p> <p>29. <i>Management development Programme IIM KOZHIKODE 26-28-Sept 2016 3 DAYS</i></p> <p>30. <i>Analysis of Research problems through Design of Experiments at BEC, Bagalkot. 20-22 Jan 2017 3 DAYS</i></p> <p>31. <i>Winning Edge: Strategic thinking &amp; Creative leadership BEC, Bagalkot.4th Feb 2017 1 DAY</i></p> <p>32. <i>Fabrication &amp; characterization &amp; thin film samples of electronic and optoelectronic materials IEEE,BEC, Bagalkot 2 March 2017 1 DAY</i></p> <p>33. <i>Team Journey Towards Excellence, Basaveshwar Science College Bagalkot BVV Sangha Bagalkot 29/5/2017 to 3/6/2017 1 Week</i></p> <p>34. <i>Faculty development programme conducted by teaching learning center IIT Madras 6/10/2017 to 8/10/2017 3 days</i></p> <p>35. <i>2 DAYS International symposium on “Emerging technologies for sustainable development BEC, Bagalkot.27-28 Feb 2017.</i></p> <p>36. <i>Research Avenues in Information Technology TEQIP-III BEC-BGK 3-7-2019 to 7-7-2019 1 Week</i></p> <p>37. <i>ElectricVehicle- Electric Machine Drives, Power Converters And Latest Technologies TEQIP-III BEC-BGK 22-7-2019 to 26-7-2019 1 Week</i></p> <p>38. <i>NPTEL Workshop IIT Madras 29-11-2019 1 DAY</i></p> <p>39. <i>Current Practices and Critical Issues for OBE in Engineering Education/Institution AICTE 27-1-2019 to 7-2-2019 2 Week</i></p> <p>40. <i>International webinar on “Trait Emotional intelligence and Resilience at the time of Covid-19” by London Psychometric Laboratory, University College, London (UCL), U.K. TEQIP-III BEC-BGK 23rd July 2020 1 DAY</i></p> <p>41. <i>TEQIP-III sponsored online Faculty Development Programme on “Six Sigma ” Conducted by EI dept BEC, Bagalkot. TEQIP-III BEC-BGK 6th to 10th July 2020 1 Week</i></p> <p>42. <i>Faculty Development Programme on “Applications of Thermodynamics” conducted by Mech Dept, PESITM, Shivamogga.13th to 17th July, 2020 1 Week</i></p>
--	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

	<p>43. Faculty Development Program on “Sensors &amp; Their Applications” Veman institute of technology Bengaluru 13/07/2020 to 17/07/2020. 1Week</p> <p>44. One day webinar on “Insights on writing an impactful manuscript &amp; navigating through peer review process” conducted by Vemana Institute of Technology Bengaluru TEQIP-III BEC-BGK9th July, 2020 1 DAY</p> <p>45. 1 week “Science Leadership Workshop” Organized by Central University of Punjab, Bathinda, India June 22 to June 28, 2020</p> <p>46. TEQIP-III sponsored One day E-workshop on “Awareness and Prevention of Sexual Harassment at Workplaces”BEC-BGK 27thJune, 2020.</p> <p>47. TEQIP-III sponsored 1 DAY National level-Live Webinar on the topic, “Advancing the Future to Thrive in Next Normal” BEC-BGK 6th June-2020</p> <p>48. Recognition of the valuable services as Resourceful facilitator, in 3 Days HRD programme for I and II year Students in BEC Bagalkot 2nd to 4th Jan 2020</p> <p>49. Digital Transformation in teaching Learning Process from 14-02-2020 to.6-3-2020</p> <p>50. Universal human Values for Deeksharambha (student Induct)”from 21-9-2020 to 25-9-2020.</p> <p>51. International webinar on “Recent trends in Physics”. on 28-11-2020.</p> <p>52. NPTEL Course on Lasers: Fundamentals and Applications from sept 2020 to nov 2020(8 weeks)</p> <p>53. NPTEL Course onSolid state physics from sept -dec 2020 ( 12 weeks)</p> <p>54. NPTEL Course onPhysics of materials from sept -dec 2020 ( 12 weeks)</p> <p>55. Attended one dayWebinar on“Introduction to Powder X-Ray Diffraction and its Application in Material Science” on 28 th july 2021.</p> <p>56. Attended a one day faculty orientation programme for VTU affiliated college teachers on revised physics syllabus on 29 th November 2022.</p>
<b>Awards and Honors</b>	<b>: Nil</b>