

<b>DETAILED FACULTY BIODATA FOR COLLEGE WEBSITE JUNE 2024 TO MAY 2025</b>		
<b>Sl. No.</b>	<b>Name</b>	<b>DR. PONNI T G</b>
<b>1</b>	<b>Designation</b>	<b>Assistant professor</b>
<b>2</b>	<b>Department</b>	<b>Botany</b>
<b>3</b>	<b>Contact Number</b>	<b>8921242036</b>
<b>4</b>	<b>Whatsapp Number</b>	<b>8921242036</b>
<b>5</b>	<b>Email</b>	<b>bhavana691001@gmail.com</b>
<b>6</b>	<b>Institutional Email ID</b>	<b>ponnitg@sncwkollam.org</b>
<b>7</b>	<b>PEN Number</b>	<b>942737</b>
<b>8</b>	<b>Personal Web Page</b>	
<b>9</b>	<b>Date of Entry into Service</b>	<b>28-09-2020</b>
<b>10</b>	<b>Date of Retirement</b>	<b>30-04-2041</b>
<b>11</b>	<b>Edu. Qualifications</b>	<b>M.Sc, M.Phil and Ph.D.</b>
<b>12</b>	<b>Areas of Interest/Specialisation</b>	<b>Molecular Biology, Plant Biotechnology, Bioinformatics, Plant physiology</b>
<b>13</b>	<b>Courses/Subject Taught</b>	<b>PG : Molecular Biology, Plant Biotechnology, Bio informatics, Microbiology, Plant physiology, UG : Angiosperm Taxonomy, Anatomy, Reproductive biology, Mycology, Gymnosperms, Genetics</b>

14	Field of Research	Plant tissue culture, Molecular biology
15	Guideship Details (Guideship order number and date, Research Centre, Number of PhD students & title of their research topic)	
	1. Affiliated University: 2. Subject: 3. Guideship Order Number & Date: 4. Research Centre: 5. Number of Full time PhD Research Scholars: 6. Number of Part time PhD Research Scholars: 7. Details of PhD Research Scholars (Full Name, Title of Topic, Year of Joining): 1. 2. 3. 4.	
16	Google Scholar Profile Link/ORCID ID/Research Gate Profile Link (Give the links)	
	1. <a href="https://scholar.google.com/citations?user=-GsndZEAAAAJ&amp;hl=en">https://scholar.google.com/citations?user=-GsndZEAAAAJ&amp;hl=en</a>	
17	Patent Obtained/Applied (Give the details)	
18	Teaching Experience (Permanent) (Give the details)	
	1. 4 years 1 Month	
19	Teaching Experience (Contract) (Give the details)	

	1.
20	<b>Research Experience</b>
	1.
21	<b>Memberships in Learned Bodies/Societies, If Any</b>
	1.
22	<b>Scholarships/Fellowships Obtained</b>
	1.
23	<b>Research Papers Published (Mention UGC Care Listed/Peer-reviewed). Include Name of Authors, Year, Name of Journal, Volume, Page numbers, ISSN Number, DOC if any</b>
	<p>1. Ponni T.G. and Ashalatha S.Nair. (2019) Somatic embryogenesis to overcome low Seed viability and conserve wild banana (<i>Ensete superbum</i> (Roxb.) Cheesman). <i>In Vitro Cell.Dev.Biol.- Plant</i> 55:371. <a href="https://doi.org/10.1007/s11627-019-09998-y">https://doi.org/10.1007/s11627-019-09998-y</a></p> <p>2. Ponni T.G. and Ashalatha S.Nair. (2019) <i>In vitro</i> cormlet production- an efficient means for conservation in <i>Ensete superbum</i> (Roxb.) Cheesman. <i>Journal of Applied Horticulture</i>, 21(1), 20-24. DOI: <a href="https://doi.org/10.37855/jah.2019.v21i01.03">https://doi.org/10.37855/jah.2019.v21i01.03</a></p> <p>3. Ponni T.G. and Ashalatha S.Nair. (2019) Differential effects of position and size of explants in the development of <i>invitro</i> cormlets in <i>Ensete superbum</i> (Roxb.) Cheesman. <i>International Journal of Research and Analytical Reviews</i>. 6(2):958-962</p> <p>4. Ponni T.G. and Ashalatha S.Nair. 2019. “<i>In vitro</i> genetic fidelity assessment and Identification of drought responsive genes in wild banana-<i>Ensete superbum</i> (Roxb.)Cheesman”. International conference" Provectus Plantae'19 – Exploring The Scope of Plant Genetic Resources". 22-24 May. Department of Botany, University of Kerala.</p> <p>5. Archana Satheshan and Ponni T. G “Loss of Genetic Diversity in Cultivar Bananas increases Drought Susceptibility” Biodiversity Challenges and Threats; Current Scenario 2023 ISBN 978-81-958369-2-5</p>

24	<b>Popular Article Published</b>
	<p>1. Ponni T.G. and Ashalatha S.Nair. (2019) Differential effects of position and size of explants in the development of <i>invitro</i> cormlets in <i>Ensete superbum</i> (Roxb.) Cheesman. <i>International Journal of Research and Analytical Reviews</i>. 6(2):958-962</p> <p>2. Ponni T.G. and Ashalatha S.Nair. 2019. “<i>In vitro</i> genetic fidelity assessment and Identification of drought responsive genes in wild banana-<i>Ensete superbum</i> (Roxb.)Cheesman”. International conference" Provectus Plantae’19 – Exploring The Scope of Plant Genetic Resources”. 22-24 May. Department of Botany, University of Kerala.</p>
25	<b>Books Published (Include ISBN/ISSN Number)</b>
	<p>1.</p> <p>2.</p>
26	<b>Papers Presented</b>
	<ul style="list-style-type: none"> <li>▪ PonniT.G. and Ashalatha S.Nair. 2019. “<i>Invitro</i> genetic fidelity assessment and Identification of drought responsive genes in wild banana-<i>Ensetesuperbum</i> (Roxb.)Cheesman”. International conference" Provectus Plantae’19 – Exploring The Scope of Plant Genetic Resources”. 22-24 May. Department of Botany, University of Kerala.</li> <li>▪ PonniT.G. and Ashalatha S. Nair. 2016. “Transcriptional down regulation of <i>MaRAV</i> gene in banana under drought stress”. International Seminar on New Frontiers in Cytogenetics, XIII conference of the society of cytologists &amp; geneticists. 15-17 December. Department of Botany, University of Kerala.</li> <li>▪ Resmi L., Ponni T.G. and Ashalatha S.Nair.2016. “Sequencing and expression analysis of Drought responsive genes in banana“. National Conference on Genomics and Society Prospects, Challenges and Concerns. February 17-19.IU -CGGT, Department of Biotechnology, University of Kerala.</li> <li>▪ Ponni T.G. and Ashalatha S. Nair. 2015. “Cormlet production in <i>Ensete superbum</i> (Roxb.) cheesman-an efficient means for conservation”. National Multi- Disciplinary Annual Research Conference (MARC).15th to18th December. Department of Botany, University of Kerala, Karyavattom, Thiruvananthapuram.</li> <li>▪ Ponni T.G. and Ashalatha S. Nair. 2014. “Somatic embryogenesis in <i>Ensete superbum</i> (Roxb.)</li> </ul>

	<p>cheesman-A wild medicinal plant”. National symposium on underutilized and wild edible plants of India- Future crops” organized by Department of Botany, University of Kerala, Karyavottom on December 10th to 12th.</p> <ul style="list-style-type: none"> <li>▪ Ponni T.G. and Ashalatha S.Nair. 2014. “Conservation of <i>Ensete superbum</i> (Roxb.) Cheesman through Micropropagation”. National Seminar ‘Role of Plant Systematics in Biodiversity and its Conservation’ 4-5<sup>th</sup> March. Department of Botany, SN College, Cherthala.</li> <li>▪ Resmi L., Ponni T.G. and Ashalatha S.Nair. 2016. “Differential expression analysis of Expansin gene in drought tolerant and susceptible banana cultivars”. National Conference on Genomics and Society–Prospects, Challenges and Concerns. February 17-19. IU-CGGT, Department of Biotechnology, University of Kerala.</li> <li>▪ Archana Satheshan and Ponni T. G “Loss of Genetic Diversity in Cultivar Bananas increases Drought Susceptibility” Biodiversity Challenges and Threats; Current Scenario, organised by PG and Research Department of Botany In association with IQAC and Biodiversity club, held at S.N College Kollam on 21<sup>st</sup> and 22<sup>nd</sup> December 2022.</li> </ul>
<b>27</b>	<b>Invited Talks/Public Talks delivered</b>
	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol>
<b>28</b>	<b>Collaboration/Consultancy/Linkages</b>
	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> </ol>
<b>29</b>	<b>Orientation Courses Attended</b>
	1. Thirty days “ Induction Programme” (offline) organised by UGC – HRDC, University of Kerala, Kariavattom Campus, Thiruvananthapuram, from 25-07-2023 to 23-08-2023.
<b>30</b>	<b>Refresher Courses Attended</b>

	<p>1. UGC sponsored refresher course in Life Sciences (Online -Interdisciplinary) conducted by UGC- Malaviya Mission Teacher Training Center, University of Calicut from 04-12-2023 to 18-12-2023.</p> <p>2. UGC- MMTTC University of Kerala, Kariavattom Campus, Thiruvananthapuram, sponsored NEP 2020 Orientation and sensitization Programme for 10 days, 02-09-2024 to 12-09-2024.</p>
<b>31</b>	<b>Seminars/Workshops/Training Organised</b>
	1. DIALECTICS 2024-An International Multidisciplinary Seminar Series of Sree Narayana College for Women Kollam, Kerala (Affiliated to University of Kerala), Jointly Organised by Department of Botany, IQAC-SNCW, & Association of Fungal Biologists (AFB) on “Marine Fungal Research in India” on 06-11-2024.
<b>32</b>	<b>Workshops Organised</b>
	<p>1.</p> <p>2.</p>
<b>33</b>	<b>Training Organised</b>
	<p>1.</p> <p>2.</p>
<b>34</b>	<b>Orientation Programmes/Induction Programmes Organised</b>
	<p>1.</p> <p>2.</p>
<b>35</b>	<b>FDP/Any Other Programmes Organised</b>
	<p>1.</p> <p>2.</p>
<b>36</b>	<b>Startups/Innovation/Incubation Centre (Give the details)</b>

	<b>1.</b>
<b>37</b>	<b>Seminars/Conferences Attended</b>
	<ul style="list-style-type: none"> <li>▪ “Transcriptomics and Metaboomics for Discovery Science in Plant Biology” Erudite Scholar in Residence Programme, held at Dept of Botany, University of Calicut, on 16<sup>th</sup> to 20<sup>th</sup> May 2022.</li> <li>▪ GNF National Seminar on ‘Modern Trends in Conservation, Utilisation and Improvement of Plant Genetic Resources’ held at the Department of Botany, University of Kerala on 23-24 November 2017.</li> <li>▪ National Symposium on ‘Biological Applications of Confocal Microscopy’, held at the Department of Botany, University of Kerala on 9<sup>th</sup> March 2016.</li> <li>▪ International Symposium on ‘Science Education and Sustainable Development’ held at the Department of Botany, University of Kerala on 22-23 January 2016.</li> <li>▪ National Seminar on ‘Recent Advances in Plant Science’ held at the Department of Botany, University of Kerala on 27 February 2016.</li> <li>▪ National Seminar on ‘New Perspectives in proteomics’ held at Inter University Centre for Genomics and Gene Technology, Karyavattom on 27<sup>th</sup> March 2015.</li> <li>▪ National Seminars on ‘Current Vistas In Cell and Molecular Biology’ held at the Department of Botany, University of Kerala on 26<sup>th</sup> March 2015.</li> <li>▪ National Symposium on ‘Plant Diversity, Utilization and Management’ held at the Department of Botany, University of Kerala on 27-29 May 2010.</li> <li>▪ 97<sup>th</sup> Indian Science Congress Held at Kerala University, Thiruvananthapuram on 3<sup>rd</sup> to 7<sup>th</sup> January 2010.</li> <li>▪ ‘RNAi and miRNA in Crops’ held at the Department of Botany, University of Kerala on 16<sup>th</sup> to 18<sup>th</sup> January 2018.</li> <li>▪ ‘Real Time PCR and its Applications’ held at the Department of Botany, University of Kerala on 17<sup>th</sup> to 18<sup>th</sup> August 2015.</li> <li>▪ ‘Research Methodology’ held at the Department of Botany, University of Kerala on 29<sup>th</sup> to 30<sup>th</sup> May 2015.</li> </ul>
<b>38</b>	<b>Workshops Attended</b>

	<p>1. 'Next Generation Sequencing Data Analysis' held at Dept. of Computational Biology and Bioinformatics, University of Kerala on 16<sup>th</sup> to 19<sup>th</sup> March 2015</p> <p>2. 'Transcriptome Analysis in Plants' held at the Department of Botany, University of Kerala on 14<sup>th</sup> to 16<sup>th</sup> February 2018.</p> <p>3. "Applications of Gas Chromatographic Techniques in Plant Science Research" held at KSCSTE-JNTBGRI from 30<sup>th</sup> December to 31<sup>st</sup> December 2021.</p>
<b>39</b>	<b>Trainings Attended</b>
	<p>1. Five day Faculty Development Programme on "Effective Teaching and Learning Through Moodle " organised by Department of Physics combined with IQAC, Sree Narayana College Kollam in association with The Kerala State Higher Education Council from 31<sup>st</sup> May 2021 to 4<sup>th</sup> June 2021.</p> <p>2. Faculty Development Programme (Online) on Advances in Effective Teaching organized by IQAC, Sree Narayana College, Kollam in association with Kerala State Higher Education Council, held from 01- 11-2023 to 08-11-2023.</p> <p>3. Member of IIC and completed Innovation Ambassador (IA) training Foundation Level.</p>
<b>40</b>	<b>Extension Activities Organised/Participated inside the Campus</b>
	<p>1. World Migratory Bird Day (Organizing committee member). Dept of Botany in collaboration with Social Forestry Extension wing, Kollam</p> <p>2. World Environment day, 5<sup>th</sup> June 2021 (Organizing committee member) Dept of Botany in collaboration with Social Forestry Extension wing, Kollam</p> <p>3. As a Resource person, have conducted a class on the Significance of Mangroves found in the Ashtamudi Wetland, Ramsar Site 1204 conducted as part of AZADI KA AMRIT MAHOTSAV- ICONIC WEEK CELEBRATIONS- 2021 organized by Sree Narayana College, Kollam in association with Ministry of Environment, Forest and Climate Change, State Wetland Authority of Kerala (SWAK) &amp; Kollam Corporation.</p> <p>'STRATEGIES FOR CONSERVATION OF ASHTAMUDI LAKE, RAMSAR SITE-1204" Sree Narayana</p>



	<p>College, Kollam in association with Ministry of Environment, Forest and Climate Change, State Wetland Authority of Kerala (SWAK) &amp; Kollam Corporation</p> <p>4.Member of Judging panel of the Painting competition on the Theme: Significance of Ashtamudi Lake, Ramsar Site 1204 conducted as part of AZADI KA AMRIT MAHOTSAV- ICONIC WEEK CELEBRATIONS- 2021 organized by Sree Narayana College, Kollam in association with Ministry of Environment, Forest and Climate Change, State Wetland Authority of Kerala (SWAK) &amp; Kollam</p> <p>5.Skill -Development Programme on Terrarium &amp; Kokedama making Organized by the Dept of Botany, Sree Narayana College, Kollam.</p>
<b>41</b>	<b>Extension Activities Organised/Participated outside the Campus</b>
	<p>1. Member of Biodiversity club and Co-ordinated with Dhanya D.S. “A Nature Walk with an Experts” for UG and FYUGP students on 04- feb- 2024.</p>
<b>42</b>	<b>Representation in Syndicate/Senate/Academic Council/Board of Studies</b>
	<p>1.</p> <p>2.</p>
<b>43</b>	<b>Tutorship in UG/PG (Mention the Class and Year/Batch)</b>
	<p>1. UG Tutorship 2022-2023</p> <p>2. FYUGP Tutorship 2024- 2025.</p>
<b>44</b>	<b>Academic Responsibilities Undertaken</b>
	Class tutor of FYUGP 2024 admission (First year Core) students.

	<p>University Examination- Evaluation Duties.</p> <p>University Practical Examination- External Examiner.</p> <p>University Examination- Invigilation Duties.</p> <p>Involved in the FYUGP semester 1 and 2 question bank setting</p> <p>Involved in conducting of FYUGP university practical examinations in the campus</p> <p>Involved in paper valuation of FYUGP theory examinations in the campus</p> <p>Internal Examination- Question Paper Setting, Invigilation Duties and Evaluation.</p>
<b>45</b>	<b>Any other Duties Performed at College</b>
	<p>1..Member of “The ATAL RANKING 2021”.</p> <p>“The ATAL RANKING 2022”, PM USHA – 2023, Nature Club - 2020-2023, Debate Club - 2023, Media Club. - 2023.</p>

**Kindly attach a photograph as email attachment if you need to update in the website**