

## DETAILED FACULTY BIODATA

S. No.	Name	Dr. NEETA N. NAIR
1	Designation	Assistant Professor
2.	Department	Botany
3	Contact Numbers	9961853885, 0469/2635904
4	Email	Neeta.sanjeev@yahoo.com
5	Personal Web Page	
6	Date of entry into service	26/09/2005
7	Date of Retirement	31/03/2025
8	Edu. Qualification	M. Sc, Ph. D
9	Area of Interest / Specialisation	Mycology , Phycology, Environmental Biology
10	Courses / Subject Taught	UG- Mycology, Environmental Science PG- Phycology, Environmental Science, Microtechnique, Industrial Microbiology and Clinical Microbiology
11	Field of Research	Phycology and Mycology Specially aeromycoflora, soil fungi and seed borne fungi
12	Guideship details	Name of University- M. G. University , Kottayam
		Faculty-Science
		Subject - Botany
		Research Centre- Mar Thoma College, Tiruvalla
		Order Number- 895/ Ac AVI/I/RG 2009 dated 27.02.09
13	Experience	<i>Research – 9 years</i>
		Teaching – 18 years
14	Memberships in Learned Bodies / Societies , if any	Life member of Indian Science Congress
15	Extension Activities	
16	Scholarships and Fellowships Obtained	

17	Papers Published	Paper Details	Impact Factor
		1. Neeta N. Nair and R. Arora . Studies on cultural characterisation of seed borne <i>Fusarium moniliforme</i> isolates. <i>Indian bot.Reptr.</i> 1993,12 ( 1 + 4 ),65-69.	6.878
		2. Neeta N. Nair and Rupinder Arora . <i>Fusarium moniliforme</i> : A significant pathogen of some important legume crops of Chhattisgarh. <i>Geobios new Reports.</i> 1993 , 12 (1), 65-69.	
		3. Neeta N. Nair and Rupinder Arora . Cultural Characterisation of some seed borne fungal pathogens of legume crops . <i>Geobios.</i> 1994,21(2),105-108	1.205
		4. Neeta N. Nair and R. Arora . Production of cellulolytic enzyme (CX) by different seed borne pathogens . <i>J. Phytol. Res .</i> 1995, 8(1) , 93-96.	
		5. R. Arora and Neeta N. Nair. Production of phosphomonoesterases by <i>Fusarium spp.</i> and their possible role in pathogenicity. <i>Biome .</i> 1998,8(142),17-20	
		6. Usha K. E, Babu M. Philip , Neeta S. Kumar and Radha T. Comparative efficacy of different growing medium for commercial cultivation of Anthurium. Proceedings of the twelfth Kerala Science Congress. January ,2000,565-567.	
		7. Lini k. Mathew and Neeta N. Nair. A preliminary survey of Black mildew fungi in Malabar Wildlife Sanctuary , Kerala. Proceedings of 26 <sup>th</sup> Kerala Science Congress. January 2014.	

	8.Swapna S. and Neeta N. Nair . Diversity of aeromycoflora of Taluk hospital , Tiruvalla, Pathanamthitta Dist, Kerala. Proceedings of National Seminar at MarThoma College , Tiruvalla.2014	
	9.Neeta N. Nair. Algal Diversity of four different fresh waterbodies Proceedings of National Seminar at MarThoma College , Tiruvalla.2014.	
	10. Lini K. Mathew and Neeta N. Nair.Diversity of folicolous fungi in Kakkayam zone of Malabar Wildlife Sanctuary , Kerala State.Proceedings of National Seminar at MarThoma College , Tiruvalla.2014	
	11. Bitty B. M. and Nair N. N. .Isolation and cellulase production of <i>Aspergillus niger</i> . <i>Journal of Plant and Pest Science</i> . ,2014,1(2),83-87.ISSN:2204-0021	
	12.Neeta N. Nair and Bitty B. M. Isolation of seed borne pathogens of Cowpea ( <i>Vigna unguiculata</i> var. <i>Sesquipedalis</i> (L. ) verdcourt. Proceedings of National Seminar at MarThoma College , Tiruvalla.2014	
	13. Bitty B. M. and Neeta N.Nair . Role of Broth media on growth of <i>Aspergillus niger</i> . <i>International Journal of Recent Scientific Research</i> . 2014,5(12),2283-2285.ISSN 0976-3031	5.114
	14,Swapna S. And Neeta N. Nair.Diversity of Aeromycoflora in sawmill environment of Adoor , Pathanamthitta Dist,Kerala, India.Proceedings of 27 <sup>th</sup> Kerala Science Congress .2015.	

		15.Neeta N. N., Mathew K. L. And Swapna S. . <i>Sciffnerula dioscoriae</i> sp. Nov.from Malabar Wildlife Sanctuary, Kerala. <i>Current Research in Environmental and applied Mycology</i> .2015,5(1),16-19.ISSN:2229-2225	Indexed in Scopus from 2017
		16.Swapna S. And Nair N. Neeta. <i>Corynespora aeria</i> : A new species recorded amongst aeromycoflora of Kerala,India. <i>World Journal of Pharmacy and pharmaceutical sciences</i> .2015,4(9)487-492.ISSN:2278-4357.	7.421 Indexed in Google Scholar
		17.Nair N. N. ,S. Swapna and Lini K. Mathew.Addition of new <i>Staphylotrichum indicum</i> in fungal diversity of aeromycoflora of taluk hospital , Tiruvalla, Pathanamthitta Dist. of Kerala, India. <i>Journal of Chemical and Pharmaceutical Research</i> .2015,7(9),1-3.ISSN:0975-7384.	0.684 Indexed in Scopus,Google scholar
		18._Swapna S. , Dr.Neeta N. Nair,Lini K. Mathew.Diversity of aeromycoflora in hospital environment of Adoor , Pathanamthitta Dist.,Kerala, India. <i>International Journal of multidisciplinary reserch review</i> .2016,1(1),277-280.ISSN-2395-1877	2.262
		19.Lini K. Mathew and Neeta N. Nair. <i>Balladyna celastrii</i> : A new fungal species from malabar wildlife sanctuary in Kerala State, India. <i>Rational Discourse</i> .2016,22(1),17-19. ISSN - 0972-2955	

	20.. Swapna S. ,Neeta N. Nair and Lini K. Mathew. Aeromycoflora in hospital environment of Ranni, Pathanamthitta Dist, Kerala, India. <i>Rational Discourse</i> .2016,22 (1),66-72. ISSN -0972-2955	
	21.Hina Mohammed and Neeta N. Nair..Diversity of soil fungi in Kumarakom Bird Sanctuary , Kerala. <i>International Journal of Recent Scientific Research</i> .2016, 7(10),13611-13616 . ISSN: 0976-3031	5.971
	22.Meritty Jacob and Neeta N. Nair.Isolation and Identification of seed borne fungi from Anaswara variety ( <i>V. Unguiculata sequipedalis</i> (L. )Verdcourt. ).Proceedings of 29 <sup>th</sup> kerala Science Congress.2017.	
	23.Mathew K. L. , Nair N. N. and Swapna S. <i>Cirsosia humboldtigena</i> sp.nov. ( Lembosiaceae, ascomycetes) on <i>Humboldtia vahliana</i> from Kerala, India. <i>Plant Pathology and Quarantine</i> .2017.7(1),60-63.ISSN:2329-2217.	
	24.Lini K. M., Neeta N. N. and Swapna S. . <i>Amazonia atlanticola</i> sp. nov.( Ascomycetes, meliolales from Malabar Wildlife Sanctuary in Kerala State, India. <i>Studies in fungi</i> 2017.2(1)14-16.ISSN:2465-4973.	
	25.Merity Jacob and Neeta N. Nair .Effect of some selected leaf extracts on <i>Fusarium oxysporum</i> from Anaswara variety ( <i>V. Unguiculata</i> sub sp.sesquipedalis L. Verdcourt). <i>International Journal for Scientific Research, science, Engineering and Technology</i> .2017.3(8).ISSN:2395-1990.	5.016

		26. Shigi Joseph and Neeta N. Nair Isolation and Identification of Soil Mycoflora of Paddy field in two sites of Kayal Land region of Kuttanad. Proceedings of 30 <sup>th</sup> Kerala Science Congress held at Thalassery. 2018.	
		27. Lini K. M. , Neeta N. N. , Jacob T. and Swapna S. A modified digital formula as Identification Tool for Thyriothecous Follicolous Fungi and their Anamorphs. <i>Plant Pathology and Quarantine</i> . 2018. 8(1), 53-56. ISSN:2229-2217.	
18	Paper Presented	<ol style="list-style-type: none"> <li>1. <i>Fusarium moniliforme</i> : A significant pathogen of some important legume crops of Chhattisgarh. Paper presented at the 80<sup>th</sup> annual session of the Indian Science Congress held at Goa during January 3-5, 1993.</li> <li>2. Survey of seed borne fungal pathogens of some important legume crops of Chhattisgarh . Paper presented at the fifteenth All India Botanical Conference , Aurangabad, December 28-30, 1992</li> <li>3. Production of phosphomonoesterases by <i>Fusarium</i> spp. And their possible role in pathogenicity. Paper Presented at National seminar on recent trends of Biological Science, Raipur, 1994.</li> </ol>	
19	Books Published		
20	Research Projects Undertaken	<b>Minor Projects</b> <ol style="list-style-type: none"> <li>1. Title-Studies on aeromycoflora of Mar Thoma College Campus, Tiruvalla. Year-2007-2009. Funding Agency- UGC</li> </ol>	
		<ol style="list-style-type: none"> <li>2. Title – Isolation of seed borne fungi of <i>Phaseolus aureus</i> L. Year – 2011-2013 Funding Agency - UGC</li> </ol>	

21	Orientation Courses attended	Orientation Programme in IT from 27/12 07 – 23/01/08 at UGC Academic Staff College, University of Kerala, Thiruvananthapuram
22	Refresher Courses attended	<ol style="list-style-type: none"> <li>1. Refresher course in Life Sciences from 5/07/2012-26/07/2012 at UGC Academic Staff College, University of Kerala, Thiruvananthapuram.</li> <li>2. Refresher course in Life Sciences from 2/07/2014-22/07/2014 at UGC Academic Staff College, University of Kerala, Thiruvananthapuram.</li> <li>3. Short term Course in Research Methodology from 22/02/2018 -28/02/2018 at UGC Academic Staff College, University of Kerala, Thiruvananthapuram</li> </ol>
23	Seminars / Workshops / Trainings Organised	
24	Seminars /Conferences attended	<ol style="list-style-type: none"> <li>1. One day seminar -Human Genome Project and microbes and organic synthesis organized on12/11/2000 at K. E College ,Mannanam.</li> <li>2. National Seminar sponsored by M.G,University and Kerala State Council for Science Technology and Environment on Biodiversity Conservation on 20/12/2005- 21/12/2005 at N. S. S College, Changanacherry</li> <li>3. National Seminar on Biotechnology and Molecular Biology on 11/10/2006- 12/10/2006 at MarThoma College, Tiruvalla.</li> <li>4. One Day Seminar and Hands- on – Training in Bioinformatics organized by Dept. of Botany , MarThoma College, Tiruvalla on 28<sup>th</sup> July ,2011.</li> <li>5. International Conference sponsored byUGC- Plant Biosystematics held from 22/01/2013 to 24/01/2014 at S. B. College, Changanacherry.</li> </ol>

		<ol style="list-style-type: none"><li>6. National Seminar – Molecular Diagnostics and Therapeutics on February 27 ,2013 organised by Department of Dept. of Bioscience at MarThoma College, Tiruvalla.</li><li>7. UGC Sponsored National Seminar-Basic and Advanced Biochemical Techniques : Relevance in interdisciplinary research Scenario at B. K. College Amalgiri from 3/04/2013-4/04/2013</li><li>8. International Conference sponsored by UGC on Plant Biosystematics held on 22-24/01/2013 at S. B. College, Changanacherry</li><li>9. Endowment Seminar on The Western Ghats – Conservation , Issues And Concerns organised by Dept. of Zoology held on 17<sup>th</sup> march 2014 at MarThoma college, Tiruvalla.</li><li>10. National seminar sponsored by UGC on “Biodiversity of Western Ghats: Present Scerarion and future Threats”organized by Dept. of Botany, Marthoma college, Tiruvalla held on 4<sup>th</sup> and 5<sup>th</sup> March ,2014</li><li>11. 27<sup>th</sup> Kerala Science Congress held at Alappuzha during 27-29 January 2015.</li><li>12. Awareness Programme conducted in connection with the International Day for the preservation of the Ozone Layer 2015 organized Jointly by WWF-india, Kerala State Office and MarThoma college , Tiruvalla with the support of Department of Environment and Climate Change , Government Of Kerala on 15<sup>th</sup> and 16<sup>th</sup> September, 2015.</li><li>13. National Seminar sponsored by KSCSTE and Co-sponsored by M. G. University on “ Environment – Its Sustainable Conservation “ organized by Dept of Zoology, MarThoma College , Tiruvalla on 4<sup>th</sup> January</li></ol>
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5	Workshops / Trainings	1. National workshop sponsored by UGC on” Modern trends in Angiosperm Taxonomy “organized by St.

	attended	<p>Thomas College , Kozhencherry on 22-24 Nov. 2006.</p> <ol style="list-style-type: none"> <li>2. National Workshop on Biodiversity of Fungi with special reference to Mushrooms from 28-30 October 2009 at St. Thomas College , Kozhencherry</li> <li>3. 5Day Workshop in Restructuring Curriculum of Degree courses(Botany ) on 14,15,20,21,and 22 May,2009 conducted by M. G. University, Kottayam.</li> <li>4. National Workshop sponsored by UGC, KSCSTE and Co- sponsored by M. G. University on “Biodiversity of Fungi with special reference to Mushrooms”conducted by the Dept. of Botany St. Thomas College, Kozhencherry on 28-30, October,2009</li> <li>5. Workshop sponsored by KSCSTE on “Intellectual property rights: prospects and procedures “organized by Dept. of Zoology,MarThoma College, Tiruvalla on 27<sup>th</sup> and 28<sup>th</sup> Sept. 2007</li> <li>6. Lecture Workshop sponsored by Indian Academy of sciences , Banglore, Indian National Science Academy, New Delhi and The National Academy of Sciences, India, Allahabad on “ Molecular Biology in the 21<sup>st</sup> Century “ organized by The School of Biosiences , MACFAST, Tiruvalla during 28<sup>th</sup> -29<sup>th</sup> March, 2014.</li> <li>7. Workshop on “ Interdisciplinary Approach in Research “ UGC Educational Innovation Programme held on 17<sup>th</sup> and 18<sup>th</sup> March, 2016 organized by Dept. of Botany, MarThoma College, Tiruvalla.</li> </ol>
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26	Academic Responsibilities Undertaken	<p>-As Organizing committee member (Registration )of 29<sup>th</sup> Keral Science Congress held at the MarThoma College, Tiruvalla during 28-30 January,2017.</p> <p>-</p> <p>AsHallManageratTechnicalSession(Envt.Science,Forestry and Wildlife)of 29<sup>th</sup> Keral Science Congress held at the MarThoma College, Tiruvalla during 28-30 January,2017</p> <p>- As Resourse Person in the two day seminar on “ Cryptogams of Western Ghats : A Botanical Perspective held on 15<sup>th</sup> and 16<sup>th</sup> Feb. 2017 at MarThoma College, Tiruvalla</p> <p>-As Member, Publicity Committee of National Conference organized by Dept. of Biosciences, MarThoma college, Tiruvalla on 15<sup>th</sup> and 16<sup>th</sup> Feb.2017.</p> <p>-As Subject expert in the interview board for the selection of Guest Lecturerin the Department of Botany , N. S. College, Changanacherry.</p> <p>-As Question Paper setter of M. Sc Botany I Semester during 2015 ,2016 of Maharajas College , Ernakulam</p> <p>-As Question paper setter of Kerala Public Service Commission during 2017 and 2018.</p>
27	Duties Performed at college	<ol style="list-style-type: none"> <li>1.Teaching</li> <li>2.Research Guidance – Ph.D-Awarded- 1(Mrs.Lini K. Mathew) On 2018 and 4 students are doing research under my guidance .M. Phil-1 (Mrs. Bitty B. M. )awarded on 2009</li> <li>3.N. S. S Programme Officer for two years</li> <li>4.Member of Science Forum , UGC/JRF Guidance Cell 2009-2010</li> <li>5. Convener of Garden Club 2011-12</li> <li>6.Convener of remedial coaching 2012-13</li> <li>7.President of Botany Association 2013-14</li> <li>8. Convener of Ethics committee 2017-2018</li> <li>9. Convener of Beautification Committee 2016-18</li> </ol>

		<p>10. Nonresidential Warden of Girl's Hostel 2016-18</p> <p>11. Convener of UGC Utilisation Committee</p> <p>12. Member of Research Committee</p> <p>13. Additional examiner and Chief examiner of UG and PG Examination.</p> <p>14. Departmental convener of NAAC Work</p>
28	Awards /Honours/ Patents	<p><b>New Fungal Reports</b></p> <p>1. New species of fungus <i>Corynespora</i> i.e. <b><i>Corynespora aeria</i></b> obtained from air of taluk hospital of Phatanamthitta , Kerala. Published in <i>World Journal of Pharmacy and Pharmaceutical Sciences</i></p> <p>2. <i>Schiffnerula dioscoriae</i> sp.nov. from Malabar Wildlife sanctuary. Published in <i>Current Research in Environmental and Applied Mycology</i>.</p> <p>3. <i>Staphylotrichum indicum</i> from aeromycoflora of Taluk hospital , Tiruvalla, Pathanamthitta, Kerala. Published in <i>Journal of Chemical and Pharmaceutical Research</i>.</p> <p>4. <i>Balladyna celastrii</i> from Malabar Wild Life Sanctuary in Kerala. Published in <i>Rational Discourse</i>.</p> <p>5. <i>Cirsosia humboldtigena</i> sp. nov. on <i>Humboldtina vahliana</i>. Published in <i>Plant Pathology and Quarantine</i></p> <p>6. <i>Amazonia altanticola</i> sp. nov. from Malabar Wildlife Sanctuary. Published in <i>Studies in Fungi</i></p>
29	Collaboration / Consultancy	<p>1. Taught Microtechnique to B. A. M. College Thuruthikad</p> <p>2. Fungus Identified for various college students</p>