

Dr. SUPRABHA G. NAIR
Assistant Professor
Department of Botany
The Cochin College
Kochi-682002

Name : **Dr. Suprabha G Nair**
Occupation : **Assistant Professor**
Age and Date of Birth : **51 years; 31/05/1972**
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Ponekkara,
Kochi- 682041**
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Nationality : **Indian**

Educational Qualifications

1. **Ph.D Microbiology** : School of Biosciences, M G University, Kottayam
2. **M. Phil Microbiology** : School of Biosciences, M G University, Kottayam
3. **B.Ed Natural Science** : St. Joseph's College for Women, Ernakulam
4. **M.Sc Botany** : Sacred Heart College, Thevara, Ernakulam
5. **B.Sc Botany** : St. Peter's College , Kolencherry

Details of Ph.D

Title of Ph.D work : **Isolation, Purification and Characterization of Xylanases
from *Aspergillus sydowii***

Post Doctoral Research Experience

Research Associate

National Research Centre on Plant Biotechnology

Indian Agricultural Research Institute

Pusa Campus, New Delhi

Title of the work: " Towards development of a single cell C4 photosynthetic system in rice"

Post Doctoral Fellow

Division of Biochemistry

Indian Agricultural Research Institute

Pusa Campus, New Delhi

Title of the work: ‘‘Protein profiling of heat resistant and susceptible varieties of wheat’’

Research Associate

Division of Plant Pathology

Indian Agricultural Research Institute

Pusa Campus, New Delhi

Title of the work: ‘‘Functional significance of Potyviral Hc-Pro interaction with host and vector factors’’

Publications

1. **Suprabha.G.Nair**; Sindhu.R; Shankar Shashidhar (2008) Purification and biochemical characterization of two xylanases from *Aspergillus sydowii* SBS 45; *Applied Biochemistry and Biotechnology*, 149(3), 229-243.
2. **Suprabha.G.Nair**; Sindhu.R; Shankar Shashidhar (2008) Fungal Xylanase Production under Solid State and Submerged Fermentation Conditions; *African Journal of Microbiology Research*, Vol (2), 082-086.
3. **Suprabha.G.Nair**; Sindhu.R; Shankar Shashidhar (2010) Enzymatic bleaching of Kraft pulp by Xylanase from *Aspergillus sydowii* SBS 45; *Indian Journal of Microbiology*, 50, 332-338
4. R. Sindhu, **G. N. Suprabha** and S. Shashidhar (2009) Optimization of process parameters for the production of α - amylase from *Penicillium janthinellum* (NCIM 4960) under solid state fermentation; *African Journal of Microbiology Research*, Vol. 3(9), 498-503.
5. R. Sindhu, **G. N. Suprabha** and S. Shashidhar (2009) Optimization of process parameters for the production of alkaline protease from *Penicillium godlewskii* SBSS25 and its application in detergent industry; *African Journal of Microbiology Research*, Vol. 3(9), 515-522.
6. R. Sindhu, **G. N. Suprabha** and S. Shashidhar (2010) Purification and characterization of α -amylase from *Penicillium janthinellum* (NCIM 4960) and its application in detergent industry; *Biotech. Bioferment. Bioeng.*, Vol.1, 37-45

Fellowships

Senior Research Fellowship

Council of Scientific and Industrial research, New Delhi

Junior Research Fellowship

Mahatma Gandhi University, Kottayam, Kerala

GenBank Deposition

GQ925914 - Zea mays NADP-dependent malic enzyme mRNA, complete cds

GQ925915 - Zea mays malate dehydrogenase mRNA, partial cds

Journal reviewer

Reviewer of research articles in leading International Journals