

Dr.SARALA GOPALAKRISHNAN**Associate Professor & Head**

Department of Microbiology
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Academic Background

Ph. D - Mahatma Gandhi University, Kerala

M. Phil- Mahatma Gandhi University, Kerala

M. Sc. Microbiology- First Rank-Mahatma Gandhi University, Kerala

B. Sc. Microbiology- First Rank-Mahatma Gandhi University, Kerala

Academic / Teaching Experience

Total years of teaching experience: 24 Years and six months (UG & PG together)

Associate Professor: 2011 onwards

Research Guidance

Number of Ph. D students: 3

Thesis submitted: 1

Ongoing: 2

Professional Affiliations

- Chairperson, Board of studies Microbiology (UG & PG combined) Kannur University from 2013 -2017
- Member Faculty of Science, Kannur University from 2013-2017.
- Member Board of studies Microbiology (UG & PG), Kannur University (2001-2017)
- Member, Board of studies University of Calicut (2005-2013)
- Chairperson and Member, Board of Question paper setters of UG and PG programmes of different Universities like Calicut, M.G and Kerala
- Question paper setter and Subject expert KPSC
- Chairperson, Board of Examiners UG Microbiology, Kannur University for eight years till 2017
- Ph.D Thesis adjudicator M.G. University,

- Chairperson, Board of adjudicators Ph D Thesis, M.G.University
- V C nominee subject expert for placement of faculty of affiliated colleges and department of Life Science, Kannur university
- Member Expert Committee, PG Diploma Course in Nanotechnology of Kannur University
- Resource person of Academic Staff College, Kannur University (2014)

• Institutional Assignments in St.Pius X Rajapuram

- Pioneer co-ordinator of 'Manini', the Women's Cell of the college
- Staff Editor of College Magazine
- Fine Arts co-ordinator
- Planning Forum member
- Staff Council Member
- Co-ordinator of 'Sagasangamam', the literary association of the college
- Member, Anti ragging committee
- Co ordinator, grading and semester system.

• Social activities in local area

- Resource person, Mathru Jyothi , Kallar Church

Research and Teaching Interest

Medical Microbiology

Publications

1. Swapna C, Senan Anitha C, **Sarala Gopalakrishnan**, Dinesh Roy D. Role of torch infection, oxidative stress and somatic DNA damage in high-risk pregnant women leading to congenital anomalies. European Journal of Molecular & Clinical Medicine, 7(9), 1125-1132 (2020).
2. Jeena Sharafudheen, **Sarala Gopalakrishnan**, J. K Mukkadan, Kayal Vizhi. Antibacterial, anti-inflammatory and anti-nociceptive activities of Areca nut components (Arecoline and Polyphenols). International Journal of Science and Research Methodology. 10 (2), 86-96 (2018).
3. Swapna C Senan, **Sarala Gopalakrishnan**, Sadiya Ahammed, Dinesh Roy D. Role of infections and genetic instabilities among low-birth-weight babies. International Journal of Scientific Research. 5 (11), 232-234 (2016).
4. Swapna C senan, Sumitha Prabhu PS, Sumin Cherian, **Sarala Gopalakrishnan**, Dinesh Roy D. Evidence of Teatogenicity and DNA damage among Women with second trimester abortions. Indian Journal of Applied Research. 6 (6), 9-11 (2016).

5. Deepthi T, Jiju JS, Aswathy Sundaresh, Sharmila K, **Sarala Gopalakrishnan** , Abdul Gafoor, Jeypal V, Dinesh Roy D. Predisposing factors in polycystic ovarian syndrome for cardiovascular disease. *International Journal of Advanced Research*. 3 (6), 792-797 (2015).
6. Jeena Sharafudheen, **Sarala Gopalakrishnan**, J K Mukkadan. Anti oxidant, Anti inflammatory and Antinociceptive Study on Arecanut, *Indian Journal of Arecanut, Spices and Medicinal Plants*: 17 (1), 3-12 (2015).
7. Swapna C senan, Aswathy Sundaresh, Jish P, **Sarala Gopalakrishnan**, Anjali K, Dinesh Roy D. Genetic instabilities and oxidative stress in congenital TORCH infected Children. *International Journal of Advanced Research*. 3 (6), 984-989 (2015).
8. Shibumon George, P J Benny, Sunny Kuriakose, Cincy George and **Sarala Gopalakrishnan**. Antiprotozoal activity of 2, 3 dihydroxy benzoic acid isolated from fruit extract of *Flacorita inermis* Roxb , *Medicinal Plants*, 3(3) (2011)
9. Shibumon George, **Sarala Gopalakrishnan** and PJ Benny. *In vitro* Antibacterial effect of methanolic extract of fruit pericarp of *P.granatum* against respiratory tract pathogens isolated from patients. (Proceedings of 22nd Kerala Science Congress, 28-31 January 2010)
10. **Sarala Gopalakrishnan**, Shibumon George, Benny P J Antimicrobial effect of *P. granatum* on pyogenic bacteria, *Journal of Pharmaceutical and Biomedical Sciences*, 3(3), (2010)
11. **Sarala Gopalakrishnan** and PJ Benny. *In vitro* Antimicrobial effect of *P.granatum* on bacterial pathogens causing urinary tract infections, *Indian Drugs*, 46 (9) (2009)

Seminars/Workshops Conducted

- State level seminar on Intellectual Property Rights
- One Day Workshop for members of Board of Studies and teachers of affiliated colleges on Revision of Syllabus for UG & PG ,Microbiology
- UGC sponsored National seminar on Quality Management Systems and HACCP for Food Industries

Workshops, Seminars & Invited Talks after 2010

- Workshop on Syllabus revision based on Hridayakumari Committee report for UG Programmes by Kannur University
- Resource person, National Seminar Resource person, National seminar, Pazhassiraja College, Pulpally.
- Resource person, Academic staff college, Kannur University
- Invited talk, Department of Molecular Biology, Dr. P K Rajan Memorial Campus, Kannur University
- Invited Talk: Majlis Arts and Science College, Valanchery, University of Calicut