

Name : Dr.S.Sasikala
Designation : Assistant Professor.
Department : Clinical Lab Technology
Qualification : M.Sc., M.Phil., Ph.D.
Experience : Teaching: 8.5 Years Industry: NIL
Area of Specialization(s) : Biochemistry
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Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
PhD	Biochemistry	Bharathiar University, Coimbatore	2021
M.Phil.	Biochemistry	Bharathiar University, Coimbatore	2010
M.Sc	Biochemistry	PSG College of Arts and Science College, Coimbatore	2009
B.Sc	Biochemistry	Dr N.G.P Arts and Science College, Coimbatore	2007

Additional Qualifications

Diploma / Vocational / Certification	Area of Specialization	Institution / University / Agency Name	Year
Certification	ORACLE	Bharathiar University	2007
Certificate of merit	Food Preservation	PSG College of Arts and Science College, Coimbatore	2008
Elite Certification	Research Writing	NPTEL, MHRD	2018

Research Publications (Indexed)

International

S. Sasikala, S. Gowri, M, Thiruselvi, **Antimutagenic activity of ethanolic extract of *Caralluma fimbriata***, World journal of pharmacy and pharmaceutical sciences, Vol. 5, No. 2, pp.582-587, January 2016, ISSN: 2278-4357, (Indexed in Google Scholar).

S. Divyapriya, C. Sowmia S. Sasikala, **Synthesis of zinc oxide nanoparticles and antimicrobial activity of *Murraya Koenigii***. World journal of pharmacy and pharmaceutical sciences. Vol. 3, No.12, pp.1635–1645, December 2014, ISSN: 2278-4357, (Indexed in Elsevier).

S. Sasikala, N. Kannikaparameswari, **Toxicity Studies of a developed nephroprotective polyherbal formulation in experimental rats.** Asian Journal of Pharmaceutical and Clinical Research, Vol. 12, no. 6, pp. 166-9, April 2019, ISSN: 2455-3891 (Indexed in Scopus)

S. Sasikala, N. Kannikaparameswari, **Free radical scavenging activity of developed herbal formulation.** Drug invention today. Vol. 14, pp. 145, November 2019, ISSN: 0975-7619(Indexed in Scopus)

Presentations in Conference

Biofuel, ISCA sponsored National Conference on Reaching the Unreached through science and Technology- Concepts, Principles And Application of science and technology for nation building, Kongunadu Arts and Science College, Coimbatore, 09-Oct -17 to 11- Oct -17.

Influence of VAM, AZO, PHOSPHO Bacteria on Cow Pea, National conference on Innovative Approaches in Biosciences Organized by Department of Microbiology, Sree Narayana Guru College, Coimbatore, 12-Feb-15.

Copper nanoparticles synthesis from *Cascabelathevetia* leaves, Biological Science – Emerging Challenges & Issues (NCBCI'19), Sri Ramakrishna College of Arts and Science for Women, Coimbatore, 16-Feb-19

Participation in Conference

International

International conference on Biology in 21st Century, Kongunadu Arts and Science College, Coimbatore, 4th – 13th Aug- 21

Indian rural Public Health and Non communicable disease, Kovai Medical Center and Hospital, 6-Apr-19

Food protection, Kongu Engineering College, Erode, 26-Mar-18

National

Emerging Education Models for 21st Century Learners, Dr. N.G.P Arts and Science College, Coimbatore, 1-Aug-15.

Transitional and Transational Scenerios, Department of Microbiology, Dr. N.G.P Arts and Science College, Coimbatore, 10-Sep-2016.

Momentous Microbes from Menace to Marvel 2014, Dr.N.G.P.Arts and Science College, Coimbatore, 20-Aug-14.

Ethical and Legal Issues in Healthcare Documentation, Dr.N.G.P. Arts and Science College, Coimbatore, 25-Feb-14.

Thrust Research in Modern Biosciences, P.S.G College of Arts and Science, Coimbatore, 24th & 25-Feb-2008.

Molecular basis of human disease: Diagnosis and treatment, Dr. N.G.P Arts and Science College, Coimbatore, 27-Feb-07 to 28-Feb-07.

Recent trends in Biochemistry, Dr. N.G.P Arts and Science College, Coimbatore, 23-Feb-2005.

Participation in Workshop

Basics in Bioinformatics, Department of Biochemistry, PSG College of Arts & Science, Coimbatore, 27-Feb-19.

Health Risk Assessment of Nanoparticles, Dr.N.G.P Arts and Science, Coimbatore on 05-07-Dec-18.

Publishing in premier journals, Publication in SCI & SCIE, Kumaraguru College of Technology, Coimbatore, 7-Dec-17 to 8-Dec-17.

Medicinal Mushroom Cultivation Training Programme, Kongunadu Arts and Science College, Coimbatore, 5-Oct- 17.

Recent Trends In Biological Sciences, Bharathidasan Arts and Science College Erode, 12-Sep-17 to 13-Sep-17.

Participation in Orientation Programme / Short Term Courses

Student's induction programme, Dr. N.G.P. Arts and Science College, Coimbatore, 17-Jul-19 to 08-Jul-2019.

Student's induction programme, Dr. N.G.P. Arts and Science College, Coimbatore, 29-Jun-18 to 30- Jun-18

Student's induction programme, Dr. N.G.P. Arts and Science College, Coimbatore, 17-Jun-17

Internship training programme on molecular biology and bioinformatics, Sourashtra College of Arts and Science, Madurai, 01-May-08 to 21-May -08

Internship training programme on Clinical techniques, PSG Institute of Medical Science, Coimbatore, 4-Apr-05 to 25-Apr-05.

Participation in Faculty Development Programme

Research Methodology and Pedagogy for Tertiary Education, Dr. N.G.P. Arts and Science, Coimbatore, 15-Jun-2021 to 21-Jun-2021

Digital Teaching Techniques, ICT Academy, 03-Aug-2020 to 08-Aug-2020

Bio python - Spoken Tutorial Free Open Source Software, Dr. N.G.P. Arts and Science, Coimbatore, 04-May-2020 to 10-May-2020

Teaching Learning Enhancement, Dr. N.G.P Arts and Science, Coimbatore, 11-Nov-19 to 20-Nov-19

NAAC Revised Accreditation Framework and OBE assessment methodology, Dr.N.G.P. Arts and Science, Coimbatore, 27-May-19 to 02-Jun-19.

Quality measures in Higher Education, Dr.N.G.P Arts and Science College, Coimbatore, 3-Dec-19 to 09-Dec-19.

Publishing in premier journals, Publication in SCI & SCIE, Kumaraguru College of Technology, Coimbatore, 7-Dec-17 to 8-Dec-17.

Conference / Seminar / Workshop Organized

Organiser, Webinar on The evolution and transformation of viruses, Clinical Laboratory Technology, Dr. N.G.P Arts and Science College, 28-Sep-2021

Organiser, Webinar on Basic elements in GLP at research Arena, Clinical Laboratory Technology, Dr. N.G.P Arts and Science College, 14-Sep-2021

Organiser, Webinar on Plastics – The environment and human health: Current Issues and Future Trends, Clinical Laboratory Technology, Dr. N.G.P Arts and Science College, 11-Jun-2021

Committee member, National Workshop on Big Data Analytics in Clinical Research (BDACR -21), 18-Mar-2021 to 19-Mar-2021

Organiser, Webinar on Psychological Issues in Women's Life Cycle, Centre for Women and Gender development Cell, Dr. N.G.P Arts and Science College, 28-May-21

Committee member, National Conference on Futuristic Approaches in Transformation of Bioscience Research - (FATBR- 2020), Dr. N.G.P. Arts and Science College, Coimbatore, 06-Mar-07-20.

Committee member, State level seminar on Scientific Writing, Clinical Laboratory Technology, Dr.N.G.P Arts and Science College, 26-Feb-18

Committee member, workshop on PCR and its Applications in disease Diagnosis, Clinical Laboratory Technology, Dr.N.G.P Arts and Science College, 12-Oct-17

Committee member, Building Business Leaders in Life Sciences, Clinical Laboratory Technology, Dr.N.G.P Arts and Science College, 29-Sep-16.

Resource Person, Inspire Internship Science Camp, Dr.N.G.P Arts and Science College, 25-Dec-17 to 29-Dec-17.

Organizing member, Inspire Internship Science Camp, Dr.N.G.P Arts and Science College, 24-Aug-15 to 28-Aug-15.

Organising member, National Conference on Biopharmaceuticals in achieving health by 2020, Dr.N.G.P Arts and Science College 10-Jul-15 to 11-Jul-15.

Organising member, Inspire Internship Science Camp, Dr. N.G.P Arts and Science College, 21-Jul-14 to 25-Jul-14.

Organising member, Inspire Internship Science Camp, Dr. N.G.P Arts and Science College, 18-Nov-13 to 22-Nov-13.