

**Name** : Dr.S.Kokila

**Designation** : Assistant Professor (SG) & Head

**Department** : Clinical Lab Technology

**Qualification** : M.Sc., M.Phil., MBA., Ph.D.

**Experience** :Teaching: 16.4 Years Industry: - Research: -

**Area of Specialization(s)** : Enzymology and Clinical Biochemistry

**Email (Official ID)** : kokila@drngpasc.ac.in



### Academic Qualifications

Degree	Branch	Institution / University Name	Year of Graduation
Ph.D.	Biochemistry	PSG College of Arts and Science, Coimbatore	2021
MBA	HR Management	Periyar University	2009
M.Phil.	Biochemistry	Avinashilingam University, Coimbatore	2005
M.Sc.	Biochemistry	Avinashilingam University, Coimbatore	2004
B.Sc.	Biotechnology & Biochemistry	Avinashilingam University, Coimbatore	2002

### Research Guidance

Programme	No. of Scholars	
	Completed	Pursuing
Ph. D.	-	-
M. Phil.	2	-

### Research Publications (Indexed)

**International** Subbaian Kokila and Balliah Ragavan, **Effect of *Kaempferia galanga* rhizome extract on Haematological parameters in streptozotocin induced Diabetic wistar rats,** International Journal of Pharmaceutical Sciences and Drug Research, 2020.

K. Nithya, N. Rosheni, S. Brindha, S. N. Nishmitha Elango, V. Gokila S. Kokila, **Anticataract Activity of *Abutilon hirtum* on Glucose Induced Cataract in Goat Eye Lens**, Int. J. Pharm. Sci. Rev. Res., Vol.38, No. 27, pp.145-148. June 2016, ISSN 0976 – 044X

### **National**

Kokila Subbaian and Ragavan Balliah, **Antihyperlipidemic effect of *Kaempferia galanga* in streptozotocin-induced diabetic rats**, Drug Invention Today, Vol 14. Issue 3. 2020.

S. Kokila, R. Bhuvaneshwari, GP. Jeyanthi, **Mutagenicity of zinc electroplating industry effluents and genotoxicity in lymphocytes of zinc electroplating industry workers**, Journal of Industrial Pollution Control, Vol. 21 No.2, pp.243-250. 2005.

N. Rosheni, K. Nithya, S. Brindha, N. Elango, V. Gokila, S. Nishmitha and S. Kokila **Evaluation of anticataract potential of *Abutilon indicum* : An *in vitro* study**, Indian J.Sci.Res. Vol.7, No.1, pp. 81-84. 2016, ISSN : 0976-2876 (Print), ISSN : 2250-0138 (Online)

S, Kokila, T. Arunkumar , **Biodegradation of Azo dye using *Bacillus flexu***, *Malaya Journal of Biosciences*, Vol.1, pp.46-48. 2014,

S, Kokila, T. Arunkumar, **Biodegradation studies on Azo dye by using *Pseudimonas aeruginos***, Eduved International Journal of Interdisciplinary Research, Vol.1, Issue 5, pp. 9-12. 2014.

S, Kokila, T. Arunkumar, **Effect of Dyeing Industry Effluent on The Growth of *Vigna Radiata***, The International Journal on Recent Trends in Life Science and Mathematics (IJLSM), Vol. 2, No.3, pp. 10-15. March, 2014.

S, Kokila, T. Arunkumar, **Biodegradation studies on Azo dye by using *Pseudimonas aeruginosa***, Eduved International Journal of Interdisciplinary Research, Vol. 1, Issue 5, pp. 9-12.

T. ArunKumar, S Kokila, **Biodegradation of textile dye using bacteria**, Indian Journal of Scholarly Research , 2013 (ISSN: 2278-8271).

S. Jayanth, S, Kokila (2012), **Effect of dye industry effluent on the growth of *Cicer arientinum* and *Trigonella foenum***, Wide Spectrum Research Journal, Vol.1, No.5, pp. 45-50. ISSN: 2250-2815.

K. Sri Jeevan, S. Kokila, **Anti inflammatory and membrane stabilizing potential of ethanolic floral extract of *Calendula officinalis***, Wide Spectrum Research Journal, Vol.1, No.12, pp 73-77. 2013, ISSN: 2250-2815.

VK. Shamna, S. Kokila (2013), **Evaluation of in vitro cytotoxic effect of endosulfan in human peripheral lymphocytes**, Wide Spectrum Research Journal, Vol.2, No.1, pp 5-11. ISSN: 2250-2815.

C Nimmy and S Kokila, **Hepatoprotective effect of leaf, bark and root extracts of Andrographis paniculata**, Wide Spectrum Research Journal, Vol.2, No.2, pp. 41-44. 2013, ISSN: 2250-2815.

S. Kokila, K. Sreejeevan, **A study on antibacterial and anti-inflammatory activity on ethanolic floral extract of Nyctanthes arbortristis**, Wide Spectrum Research Journal, Vol.2, No.3, pp. 68-72. 2013, ISSN: 2250-2815.

J. Puthuserry, S. Kokila, **Antidiabetic activity of ethanolic extract of Cissus quadrangularis stem in alloxan induced Wistar albino rats**, Wide Spectrum Research Journal, Vol.2, No.4, pp. 42-48. 2013, ISSN: 2250-2815

S. Kokila, **A review on probiotics with special reference to Lactobacillus**, Wide Spectrum Research Journal, Vol.3, No.9, pp. 52-59. 2015, ISSN: 2250-2815.

### **Presentations in Conference**

**Hematological Parameters as Indices to Detect Hazards of Metal Pollution on Human Health** in National Conference On “Technological Advancement In Clinical Biochemistry”, held at Karpagam Arts And Science College, Coimbatore on October, 2004

**Mutagenicity of Zinc plating industry effluent and genotoxicity in plating industry workers** in a National Seminar on Biotechnology Institute-Industry Interaction conducted by Bannari Amman Institute of Technology, Sathyamangalam on 19-Feb-10 to 20-Feb-10.

**Biodegradation of Textile Dye using Bacteria** in the IEEE- International Conference on Research and Development Prospects on Engineering and Technology (IEEE-ICRDPET-2013). E.G.S Pillay Engineering College, Nagapattinam, 29-Mar-13 to 30-Mar-13.

### **Participation in Conference**

#### **International**

World Record event titled “Longest Virtual Event on Vision 2030: Importance of enhancing life skills for reaching Higher Heights”, 18-June-21

International conference on Indian rural Public Health and Non communicable disease, Kovai Medical center and Hospital, 06-Apr-19.

## **National**

DBT and ICMR sponsored National Conference on Translational scenarios in Biological sciences, Department of Microbiology, Dr.N.G.P. Arts and Science College, Coimbatore in association with Indian Association of Applied Microbiologists (IAAM). 09-Sep-16 to 10-Sep-16.

### **Participation in Seminars**

National Seminar on “Enzyme Technology” on 19-Feb- 09 to 20-Feb-09.

Application of SPSS in project analysis, a Faculty Development Programme” on 01-Jul-09.

One day Workshop on Exploring science through Bioinformatics tools organised by Dept. of Bioinformatics, Dr.GRDCS on 25-Jul-09

Faculty Development programme on “Teaching to Teachers and Research to Researchers”, organized by ED Cell and GRD School of IT, Dr.GRDCS. 24-Aug-09 to 29-Aug-09.

The role of Siddha and Ayurvedha medicines in geriatric care, conducted by School Of Biosciences, Dr.G.R.D.C.S, 19-Oct-09 to 20-oct-09.

Developments in deterrent drug formulation against microbial infections - in Microbial technology mt-09, G.R.Damodaran College of Science, Coimbatore, 2009.

Biotechnology Industry- Institute Meet, Bannari Amman Institute of Technology, 19-Feb-10 20-Feb-10.

Participated in National Seminar on Human Pathogens, School Of Biosciences, Dr.G.R.D.C.S, 31-Mar-2010.

Microbial Diagnostics conducted by Department of Microbiology,18-Mar-10.

The Applications of Chromatography for Bioscience Explorations Related to Defense Research sponsored by the ER & IPR Division, DRDO, Ministry of Defense, Govt. of India, Dr. G.R. Damodaran College of Science, Coimbatore.5-Dec-12 to 7-Dec-12.

Microlevel Women Entrepreneurship in Biotechnology Applications, The School of Biotechnology, Dr GRDCS, 5-Feb -16 to 6-Feb-16.

## **Participation in Workshop**

Research methodology and pedagogy for tertiary education at Dr.N.G.P Arts and science college, Coimbatore on 15-Jun-21 to 21-Jun-2021

Recent Advances in Biological Sciences, Bharathidasan College of Arts and Science, Erode 12-Sep-17 to 13-Sep-17.

National Workshop on Quality Enhancement in HEIs by the effectiveness of Academic and Administrative Audit, by S.N.R. Sons College, Coimbatore, 21-Oct-16 to 22-Oct-16.

Analysis of biomolecules through molecular techniques" (sponsored by CSIR) by Dr. Sandeep Goel, CCMB, Hyderabad organized by School of Biosciences, 29-Jul-11.

Science Academies, Lecture Workshop on Prospects and Future Challenges in Plant Biotechnology, Dr G R Damodaran College of Science, Coimbatore, 28-Mar-11 to 19-Mar-11.

Process Optimization in Animal Cell Culture, Dr. G.R. Damodaran College of Science, Coimbatore. 18-Aug-10 to 19-Aug-10.

Antibody Purification" Dr. G.R. Damodaran College of Science, Coimbatore, 24-Sep-11  
Clinical Research and Clinical Data Management, in collaboration with IOCB, Bangalore on 14-Mar-08 to 18-Mar-08.

## **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.

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

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

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

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

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

Data Management and Statistical Analysis using SPSS, Dr.NGP arts and Science College, Coimbatore, 27-Jan-20

Teaching to teachers and Research to researchers-, Dr GRDCS, 24-Aug-09 to 25-Aug-09  
Internal Quality Assurance Cell, Dr GRDCS, Coimbatore, Jan-16.

Application of SPSS in project analysis, a Faculty Development Programme, Dr GRDCS, 1-Jul-09.

### **Conference / Seminar / Workshop Organized**

Longest virtual event on Vision 2030: Importance of enhancing life skills for reaching higher heights , Tamilnadu Teachers Education University, 18-Jun-2021.

National Conference on Futuristic Approaches in Transformation of Bioscience Research - (FATBR- 2020), Dr. N.G.P. Arts and Science College, Coimbatore, 6-Mar-20 to 7- Mar-20.

PCR and its Applications in disease Diagnosis, Department of Clinical Lab Technology, Dr.N.G.P Arts & Science College, 12-Oct-17.

State – Level Workshop on Scientific Writing, Department of Clinical Lab Technology, Dr. N. G. P Arts and Science College, 26-Feb-16.

Workshop on Junction of bio experts for School Teachers, Dr. G R Damodaran College of Science, Coimbatore 28-Dec-11.

Coordinator for a workshop cum Hands on Training programme on process optimization on animal Cell culture, Dr.GR Damodaran College of Science, Coimbatore, 18-Aug-10 to 19-Aug-10.

Organized Two Day National Seminar on Enzyme Technology, Dr.GR Damodaran College of Science, Coimbatore, 19-Feb-09 to 20-Feb-09.

### **Invited Speaker / Session Chair- Conference / Seminar / Workshop**

Invited speaker of a webinar conducted by Department of Computer science on 31.3.2022 on the topic “Fight against obesity”

Invited Speaker, Lecture on “Integrated Approach in Science and Technology for a sustainable future” at Sree Sakthi Engineering College, Coimbatore on 28.2.2022

Invited Speaker, Lecture on “Blood Donation” at Dr. N.G.P. College of Education, Coimbatore on 8 - Oct-21

Invited Speaker, Lecture on Cancer Preventive Measures at Dr. N.G.P. Arts and Science College, Coimbatore on 4-Feb-20

**Member in BoS**

**Editorial / Review Board Member**

Contribution to CSIR-UGC JRF/ NET/SET –Life Sciences Study material (ISBN- 978 - 81 - 927355 - 3 – 5): Diversity of life forms, Chapter 9, Vol. II, pp. 411-465.

.