

## STAFF PROFILE



1. Name : P. SASIKUMAR  
2. Designation : Assistant Professor  
3. Date of entry into service : 06.12.1995  
4. Email : sasibiology@gmail.com  
5. Mobile (optional) : 8248571099  
6. Education : M.Sc., M.Phil.  
7. Areas of Specialization : Microbiology - Nanobiotechnology  
8. Projects undertaken : Nil

Title of the project	Name of the funding agency	Duration	Completed / Ongoing	Amount (In Rupees)	Remarks

### 9. Seminars organized

Title of the Seminars / Conferences / Workshop	Date	Sponsoring Agency	National / State /International	Co-ordinator / Convener
International Symposium on Recent Advances in Biological Sciences	October 11-12, 2001	-	International	-
Molecular Biology Tools in the improvement of Plant	September 7-20, 2003	International Crop Research Institute (ICRO), European Molecular Biology Organization (EMBO) and UNESCO	International	-
National Level Symposium on Nanotechnology in Healthcare	23 July 2009	-	National	Convener

### 10. Seminars, Workshop and Conferences attended

Title of the Seminars / Conferences / Workshop	Date	Sponsoring Agency	National / State /International	Organization in which attended
Seminar on Biological Sciences	4 <sup>th</sup> and 5 <sup>th</sup> of January 2002	FLORA	State	Muthayammal College of Science, Rasipuram
INSTRUCTIONAL DESIGN AND DELIVERY SYSTEMS	20-22, June 2002	Technical Teachers' Training Institute (TTTI), Chennai	State	K. S. Rangasamy College of Arts & Science, Tiruchengode
Microteaching for Biological Sciences Faculty	19-23 November 2002	Technical Teachers Training Institute, Chennai	State	K. S. Rangasamy College of Arts & Science, Tiruchengode
BIOTECHNOLOGY AND BIOCHEMICAL ENGINEERING	19-23, November 2007	National Technical Teachers' Training and Research Institute (NITTTR), Chandigarh	National	National Technical Teachers' Training and Research Institute (NITTTR), Chandigarh
International Seminar and Workshop on Medical and Pharmaceutical Nanotechnology	September 25-26, 2008	Anna University Trichy	International	Anna University-Trichy
One Day Workshop on Learning Management System	17 October 2019	-	-	The Madura College, Madurai

## 11. Books Published

Title of the Book Published	ISBN No.	Publisher, if any	Year of Publishing	Authored / Edited

## 12. Research Publication

Title of the Journal	Title of the Paper	ISSN No. if any	Volume No. and Page No. if any	Year	International / National / State
Indian Journal of Environmental Protection	Production, extraction and estimation of Poly $\beta$ hydroxy butyrate by <i>Alkaligenes eutrophus</i> isolated from soil	0253 – 7141	vol. 23: 552-561	May 2003	National
International Journal of Pharmaceutical Sciences and Drug Research	Effectiveness of Tricyclic Phtalimide Quinoxaline Analogues as Novel Inhibitors of HIV-1 Integrase Using Glide and Gold	0975-248X	6(1 ): 60 - 66	2014	International
Research & Reviews in Bio Science	In silico drug designing against DNA topoisomerase 1 for brain cancer treatment	0974-7532	Vol. 9 . No. 10. pp. 356 -367	2014	National
Environmental Science: An Indian Journal	Molecular characterization of tannery effluent treating <i>Pseudomonas</i> species by 16 s r RNA analysis	0974-7451	Vol. 9 . No. 11. pp. 365 -375.	2014	National
Nano Science and Nano Technology: An Indian Journal	Formulation and characterization of starch nanoparticles for controlled release of doxorubicin	0974-7494	Vol. 10 (1 ). 030 -035.	2016	National
International Journal of Pharmaceutical Sciences and Nanotechnology	Design and Evaluation of Cellulose-Alginate Nanoparticles as an Effective Delivery System for Controlled Release of Doxorubicin	0974-3278	Vol. 9, Issue 2 . pp 3208 - 3211.	2016	International
International Journal of Current Microbiology and Applied Sciences	Antibacterial effects of soft contact lens disinfectant solutions	2319-7706	Vol. 4 No. 6. pp. 103 - 110.	2015	International
IAETSD JOURNAL FOR ADVANCED RESEARCH IN APPLIED SCIENCES	Electronic cough monitor and Respiratory Monitor using GSM Module	2394-8442	VOLUME 5, ISSUE 4, pp 620-626.	April 2018	International
IAETSD JOURNAL FOR ADVANCED RESEARCH IN APPLIED SCIENCES	DEVELOPING e-HEALTH CARD USING QR CODE	2394-8442	VOL. 5, ISSUE 4, pp 458-463.	April 2018	International
International Journal of Advanced Research in Biology, Ecology, Science and Technology (IJARBEST)	Efficacy of Polymer Nanoparticles for Controlled in vitro release of Doxorubicin for Cancer treatment		Vol. No. 1(8), Page Nos.15-18	2015	International
International Journal of Current Microbiology and Applied Sciences	Design and Characterization of Poly-Hydroxy Butyric Acid (PHB) Based Polymeric Nanoparticles for Controlled Release of Doxorubicin	2319-7692 (print), 2319-7706 (online)	Vol.No. 4(12) Page Nos. 311-317	2015	International

(IJCMAS)	for Cancer Treatment				
International Journal of Medical Science and Clinical Invention (IJMSCI)	PLGA based Nanoencapsulation for Controlled Release of Doxorubicin for Cancer Therapy	2454-9576 (print), 2348-991X (online)	Vol.No. 2(12) Page Nos. 1456-1461	2015	International

13. Research Activities

Nil

Degree	No. Awarded	No. Submitted	No. Guiding
M.Phil.			
Ph.D. (Part time)			
Ph.D. (Full time)			

14. Details of Invited Lecture / Resource Person

Place	Date	Sponsoring Agency	Topic	Audience Type	International / National / State Level
Steel Plant, Salem	-	National Science Foundation	National Science Exhibition	-	National

15. Academic council / Board of Studies member

Institution	For a period of	Department

16. Honors Achieved

Agency	Recognition International / National / State	Cash Amount if any (amount)	For the Service of

17. Service in Extra Curricular Activities (NSS/NCC/AEEP/YRC/MCCA/Club etc.,)

Nil

Whether NSS/NCC/AEEP/YRC	Period

18. Reviewer / Editor of a Journal Nil

Title of the Journal	ISSN No. if any	International / National / State	Impact Factor / h-index

19. Details of Orientation / Refresher attended

Orientation / Refresher	University / College / Institute at which attended	Duration	
		From	To

20. Any other Information

Conducted Training Programs on Biomedical Equipment Training on Calibration, Repair and Maintenance for Ethiopian Scholars during 22-29, August 2016 and 07 August – 04 September 2017 at PSNA College of Engineering and Technology, Dindigul funded by American International Health Alliance.