



Government of Puducherry
Tagore Government Arts and Science College
 Accredited at "A" Grade by NAAC
 Puducherry – 605008



Faculty Profile

1	Name	:	Dr. Sambasivam Vijayan	
2	Designation	:	Assistant professor of Botany	
3	Employee ID	:	R20180105	
4	Date of Birth	:	07-07-1979	
5	Date of Joining in Regular Service	:	29-01-2018	
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8	Academic Record		:	
	Degree	Branch	University	Class
	B.Sc.	Botany	Pondicherry University	1 st class
	M.Sc.	Botany	Pondicherry University	1 st class
	M.Phil.	Botany	Pondicherry University	1 st class
	Ph.D.	Botany	University of Hyderabad	1 st class
	B.Ed.	Bioscience	Pondicherry University	1 st class
9	Awards/ Fellowships		:	
	Name of the award/ Fellowship	Year	Agency	
	National Science Foundation	2015-17	Johns Hopkins University, USA	
	DST-DAAD	2008-09	Indo-German Agency	
	CSIR(JRF and SRF)	2005-10	CSIR, India	
10	Publication		:	
	Patent: William R. Bishai, John R. Murphy, Drew M. Pardoll, Laurene Cheung, Juan Fu, Pankaj Kumar, Amit Kumar, Sadiya Parveen, Cynthia Korin Bullen, Vijayan Sambasivam, Sumit Siddharth, Dipali Sharma (2019). WO2019173478 - COMBINATION OF DEPLETES TREGS AND A CHECKPOINT INHIBITOR. Application Number PCT/US2019/020959.			
	[1] Laura H. McCulloch*, Vijayan Sambasivam* <i>et al.</i>(2023) Consequences of a telomerase-related fitness defect and chromosome substitution technology in yeast synIX strains. Cell Genomics https://doi.org/10.1016/j.xgen.2023.100419			
	[2] Sharma, A., Sambasivam, V[#] <i>et al</i> (2020). An in vitro generated variant of <i>Tephrosia villosa</i> defensin (α-TvD1) enhances biotic stress tolerance in transgenic tobacco. Journal of Plant Pathology 102, 1133–1143			
	[3] Vijayan Sambasivam, Desirazu N Rao and Srinivasan Chandrasegaran (2020). Rewriting the Genome of the Model Eukaryote <i>Saccharomyces cerevisiae</i>. Resonance 6, Vol 25; 801-816			
	[4] Pawan Shukla, Naveen Kumar Singh, Dilip Kumar, Sambasivam Vijayan, IsrarAhmed, Pulugurtha Bharadwaja Kirti (2014). Expression of a pathogen induced cysteine protease (AdCP) in tapetum results in male sterility in tobacco. Functional and			

	<i>Integrated Genomics</i>, 14; 307-317		
10	Membership in Professional bodies	:	
	1. Member, Pondicherry University UG and PG Examination valuation Board 2. Member, Pondicherry University, Botany Board of Studies for NEP2020		