

**SRI SANKARA ARTS & SCIENCE COLLEGE**  
**ENATHUR, KANCHIPURAM**  
**STAFF PROFILE**  
**DEPARTMENT OF BIOTECHNOLOGY**



1.	<b>Name of the Staff</b> <b>Unique ID</b>	Mr. E.G.Jagan DBTTE0014
2.	<b>Designation</b>	Assistant Professor
3.	<b>Date of Joining</b>	04-03-2022
4.	<b>Mobile Number</b>	8939683160
5.	<b>Email ID</b>	<a href="mailto:egjaganbt@sankaracollege.edu.in">egjaganbt@sankaracollege.edu.in</a> <a href="mailto:egjagan@gmail.com">egjagan@gmail.com</a>
6.	<b>Nationality</b>	Indian
7.	<b>Academic Qualification</b>	M.Sc., M.Phil., NET, SET
8.	<b>Field of Specialization</b>	Mycology, Cancer Biology, Nanotechnology

**9. Work Experience (in chronological order)**

S.No.	Name of the Institution	Positions held	Temporary/ Permanent	Teaching	Duration	
1.	Sherubtse College, Kanglung, Bhutan	Lecturer	Temporary (contractual)	UG & Honours	July 2009	January 2013
2.	Sri Sankara Arts and Science College, Enathur, Kanchipuram	Assistant Professor	Temporary	UG & PG	March 2022	Till date

**10. Research Experience (in chronological order)**

S.No.	Name of the Institution	Positions held	Temporary/ Permanent	Funding agency	Duration	
1.	Madurai Kamaraj University, Madurai	Junior research fellow	Temporary	SERB	2013	2015

**11. Other Academic and Administrative Responsibilities:**

S.No	Name of the Institution/ Committee	Position	Period
1.	CIA Exam Committee, Sri Sankara Arts and Science College, Enathur, Kanchipuram	Representative, Dept of Biotechnology	July 2022 to Till date

**12. Publications:****Journal Articles:**

S.No.	Authors	Article Title	Journal Name	Year of publication & page details	Impact Factor
1.	Anjusha AJ, <b>Jagan EG</b> , Thirunavukkara su S, Vaippully R, Roy B, Pandi M, Dhanapandian S, Krishnakumar N	Rapid and one-step mechanochemical ligand exchange of Yb <sup>3+</sup> /Er <sup>3+</sup> co-doped NaGdF <sub>4</sub> upconversion nanoparticles for efficient MR and CT imaging	<i>Zeitschrift für Physikalische Chemie</i>	2023, 237(4-5), 617-644	4.31
2.	Malathi S, Manikandan D, Nishanthi R, <b>Jagan EG</b> , Mohammed Riyaz SU, Palani P, Gandara JS	Silver Nanoparticles, Synthesized using <i>Hyptis suaveolens</i> (L) Poit and their Antifungal Activity against <i>Candida</i> spp.	Chemistry Select	2022, 7, e20220305, 1 -11	2.3

3.	<b>Jagan EG,</b> Sharma P, Sureshkumar S, Pandi M	Isolation of Taxol and Flavin-like fluorochrome from Endophytic Fungi of <i>Mangifera indica</i> .	Journal of Pure and Applied Microbiology	2021; 15(4):2195- 2208	0.4
4.	Sundaresan N, <b>Jagan EG,</b> Gokul Raj K, Pandi M,	Molecular Morphometrics based species delimitation of foliar endophytic fungi from Magnoliopsida plants.	Plos One	2018; 14 (4), e0215024	3.7
5.	Sundaresan N, Amit Kumar Shahu, <b>Jagan EG,</b> Pandi M	Evaluation of ITS2 molecular morphometrics effectiveness in species delimitation of Ascomycota.	Fungal Biology	2018; 123 (7), 517-527	2.9
6.	Gokul Raj K, Sundaresan N, <b>Jagan EG,</b> Rajapriya P, Muthumary J, Sridhar J, Pandi M	Phylogenetic reconstruction of endophytic fungal isolates using internal transcribed spacer 2 (ITS2) region	Bioinformation	2014; 10(6): 1- 6.	-
7.	Krishnaraj C, <b>Jagan EG,</b> Ramachandran R, Abirami SM, Mohan N, Kalaichelvan PT	Effect of biologically synthesized silver nanoparticles on <i>Bacopa monnieri</i> (Linn.) Wettst. plant growth metabolism	Process Biochemistry	2012; 47(4): 651-658	3.7
8.	Krishnaraj C, <b>Jagan EG,</b> Rajasekar S, Selvakumar P, Kalaichelvan PT, Mohan N	Synthesis of silver nanoparticles using <i>Acalypha indica</i> leaf extracts and its antibacterial activity against water borne pathogens	Colloids and Surfaces B: Biointerfaces	2010; 76(1): 50-55	5.2

#### Book Chapters:

S. No	Authors	Chapter	Book	Year of publication & page details	Publisher
1.	Nishanthi R, Malathi S, <b>Jagan EG,</b> Manikandan D, Mohammed	Intermediate Host of CoV and SARS- CoV-2	An Epidemiological Update on COVID -19	2022; pp. 41: 48.	Bentham Science Publisher

	Riyaz SU				
2.	Malathi S, Nishanthi R, <b>Jagan EG</b>	The effect of chitosan nanoparticles on immune responses in plants	Role of Chitosan and Chitosan - Based Nanomaterials in Plant Sciences	2022; pp.185-196	Elsevier Inc.

### 13. Awards / Distinction:

S.No	Award	Venue/ DOI	Organization	Year
1.	Best oral presentation award	Virtual Conference on “Fungal Biotechnology: Recent Trends and Future Prospectives – (FBRTFP -2020)”	Bannari Amman Institute of Technology	11 – 12 <sup>th</sup> Dec, 2020
2.	Best oral presentation award	International conference on “Reasserting Microbial Biotechnology to Deflate Global Disease Burden”,	Manonmanium Sundaranar University	28 – 29 <sup>th</sup> Sep, 2015
3.	Our research article ranked 7 <sup>th</sup> among the Science Direct Top 25 articles	(Krishnaraj et al., 2010; doi:10.1016/j.colsurfb.2009.10.008)	Science Direct	Jan – Mar 2010
4.	Secured 24 <sup>th</sup> rank in UGC/CSIR - NET for Lectureship	-	UGC-CSIR	Dec – 2011
5.	Qualified State Eligibility Test (SET)	-	-	2012
6.	A.L.Mudaliyar Endowment Scholarship	Centre for Advanced Studies in Botany, University of Madras	University of Madras	2007–2008
7.	Prof. Mahadevan Endowment Scholarship	Centre for Advanced Studies in Botany, University of Madras	University of Madras	2008–2009

### 14. Membership in Professional Bodies: Nil

### 15. Seminars Conferences organized /participated:

S. No	Name of the Program	Place	Organized/ Participated	Period
1.	International Virtual Conference on “Fungal	Bannari Amman Institute of	Oral presentation “Foliar Endophytic	11 <sup>th</sup> – 12 <sup>th</sup>

	Biotechnology: Recent Trends and Future Prospectives – (FBRTFP -2020)”	Technology,	Fungal Diversity of <i>Manilkara zapota</i> L., A Horticultural Plant”	Dec, 2020
2.	International conference on “Reasserting Microbial Biotechnology to Deflate Global Disease Burden”	Manonmanium Sundaranar University,	Oral presentation on “An Exploration for taxol producing endophytic fungi”	28 <sup>th</sup> – 29 <sup>th</sup> Sep, 2015
3.	National conference on “Fungal Diversity and Biotechnology for Food and Chemicals” & 40 <sup>th</sup> Annual meeting of Mycological Society of India	Annamalai University,	Oral presentation entitled, “ITS2 secondary structure aided molecular identification of endophytic fungi”	27 <sup>th</sup> – 28 <sup>th</sup> Feb, 2014
4.	“Trends in Microbial Research”	Anna University, Chennai	Participated	27 <sup>th</sup> Feb 2009
5.	“New vistas for mycology in meeting global challenges” and “35 <sup>th</sup> Annual meeting of the Mycological Society of India”,	CAS in Botany, University of Madras, Chennai,	Participated	29 – 30 <sup>th</sup> Jan 2009
6.	National symposium on “New Biology in Agriculture”	Punjab University, Chandigarh	Participated	7 <sup>th</sup> – 8 <sup>th</sup> Nov, 2008
7.	National Conference on “Current Trends in Algal Biodiversity and Biotechnology”	Centre for Advance studies in Botany, University of Madras,	Participated	7 <sup>th</sup> – 8 <sup>th</sup> Feb, 2008
8.	National Symposium on “Biotechnology and Insect Pest Management”	Entomology Research Institute, Chennai,	Participated	2 <sup>nd</sup> – 3 <sup>rd</sup> Feb, 2006
9.	National symposium on “Recent Trends in Biotechnology – Biogenics ‘05”	Sree Buddha College of Engineering, Alappuzha, Kerala,	Participated	9 <sup>th</sup> – 10 <sup>th</sup> Mar, 2005
10.	National symposium on “Tsunami, Biogeo-Informatics”	Loyola College, Chennai	Participated	28 <sup>th</sup> Feb – 1 <sup>st</sup> Mar, 2005

#### 16. Workshop & Training Programmes:

S. No	Name of the Workshop	Place	Organized/ Participated	Period
1.	National Science academies’ lecture workshop on “Biotechnology – Principles and practice”	Sri Sankara Arts and Science College(Autonomous), Kanchipuram	Organized	10 <sup>th</sup> – 11 <sup>th</sup> August 2022

2.	One week faculty development programme on “Research prospects and progress in biological science (RPPB – 2022)”	SRM Institute of Science and Technology	Participated	4 <sup>th</sup> – 7 <sup>th</sup> July, 2022
3.	Workshop on “Next Generation Sequencing: Bioinformatics and Data Analysis”.	AU-KBC, MIT campus, Anna University, Chennai	Participated	15 <sup>th</sup> – 19 <sup>th</sup> July 2015
4.	“Author Workshop” jointly organized by Springer & Anna University	Anna University, Chennai	Participated	17 <sup>th</sup> March 2015
5.	Workshop on “Biomedical application of RNAi Technology”	BIT campus, Anna University, Trichy	Participated	28 <sup>th</sup> Jan – 10 <sup>th</sup> Feb, 2015
6.	Workshop on “Creative Writing”	Sherubtse College, Bhutan	Participated	3 <sup>th</sup> – 4 <sup>th</sup> May 2012
7.	Workshop on “Introduction to Teaching Skills and Strategies”	Sherubtse College, Bhutan	Participated	2010
8.	Workshop on “Patent Awareness”	Patent Information Cell, University of Madras	Participated	17 <sup>th</sup> Apr, 2009
9.	Advanced Level “International Workshop on Nanoscience and Technology”	Anna University, Chennai	Participated	23 <sup>th</sup> – 27 <sup>th</sup> Feb, 2009
10.	DBT & CSIR sponsored workshop on “Plant Tissue Culture & Biotechnology”	Loyola College, Chennai	Served as Technical assistant	18 <sup>th</sup> – 28 <sup>th</sup> Jan 2006
11.	In-Plant training at Shreedhar Bhat’s Laboratory, Bangalore in “Immunotechnology & Plant Tissue Culture”	Bhat’s Laboratory, Bangalore	Participated	21 <sup>th</sup> – 30 <sup>th</sup> Dec, 2005

**17: Any other details:**

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<b>Scopus ID:</b>	36087467800 <a href="https://www.scopus.com/authid/detail.uri?authorId=36087467800">https://www.scopus.com/authid/detail.uri?authorId=36087467800</a>
<b>Vidwan ID:</b>	318733

	<a href="https://vidwan.inflibnet.ac.in/profile/318733">https://vidwan.inflibnet.ac.in/profile/318733</a>
<b>Google Scholar page:</b>	<a href="https://scholar.google.com/citations?user=7C_T5nYAAAAJ&amp;hl=en&amp;oi=ao">https://scholar.google.com/citations?user=7C_T5nYAAAAJ&amp;hl=en&amp;oi=ao</a>