

SRI SANKARA ARTS & SCIENCE COLLEGE

ENATHUR, KANCHIPURAM

STAFF PROFILE

DEPARTMENT OF BIOCHEMISTRY

1.	Name of the Staff	Mr. S.SHANMUGAM
2.	Designation	Assistant Professor
3.	Date of Joining	18.12.2023
4.	Mobile Number	9884604512
5.	E-Mail ID	shanmugambio@sankaracollege.edu.in
6.	Nationality	Indian
7.	Academic Qualification	M.Sc., M.Phil., B.Ed, NET
8.	Field of Specialization	Phytochemistry
9.	Ph.D Thesis Title	NIL
10	Awarding University, Year of Award.	NIL

10. Work Experience (in chronological order):

S.No.	Name of the Institution	Designation	Period
1	Sri Sankara Arts and Science College, Enathur, Kanchipuram	Lecturer	11/12/2002 to 31/05/2003
2	Chennai National Arts and Science College, Avadi.	Lecturer and Head	01/07/2003 to 09/09/2006
3	Asan Memorial college of Arts and Science, Chennai	Associate professor	11/09/2006 to 7/12/2023
3	Sri Sankara Arts and Science College, Enathur, Kanchipuram	Assistant Professor	18/12/2023 to till date

11. Other Academic and Administrative Responsibilities:

S.No.	Name of the Institution/Committee	Position	Period
1	Indian Red cross Soceity, Tamil Nadu	District organizer, kanchipuram	April- 2011- December 2015
2	State Council for Educational Research and Training Tamilnadui	Syllabus framing member for Chemistry and Biochemistry	2015

12. Publications:

S.No.	Title	Journal	Pages
1	“Studies on comparison of phytochemical constituents and antimicrobial activity of Curcume longa Varieties	<i>International Journal of current Microbiology and Applied science</i>	Volume.3, (9), 2014: pg-573-581.

2	“Phytochemical Screening and antimicrobial activity of fruit extract of Sapindus mukorossi	<i>International Journal of current Microbiology and Applied. Science,</i>	Volume.3, (10), 2014:Pg-604-611
3	Nano particle characterization and application: An Overview	<i>“International Journal of current microbiology and Applied Sciences</i>	Volume 4(8) 379-386
3	Green Synthesis of copper nanoparticles using Gymnema Sylvestre by different solvent extract”	<i>International Journal of Current research and academic review</i>	Vol. 3 (10,)
4	Pharmacokinetics of 1NH PZA in MDR-TB”	<i>International Journal of pharmaceutical and Biological Science</i>	Vol 7 (5) page num 23-27.
5	FTIR spectroscopy XRD, SEM EDX and AFM studies on Natural Biomaterial	<i>International journal of chemtech research</i>	Vol.6(6) page3307-3309
6	Studies on chromium (VI) removal capacity using coagulant protein from Moringa oleifera	<i>Pollution Research 36(1): 84-89 (2017)</i>	Vol 36(1) Page 84-89
7	Phytochemical Analysis, Antioxidant Properties and Vermicidal Activity of Flower Extract of Delonix regia	<i>International Journal of Zoological Investigations.</i> March, 2024, ISSN: 2454-3055, https://doi.org/10.33745/ijzi.2024.v10ispl1.006 . (Web of Science and UGC-CARE)	Vol.10(1), 46-57,

13. Awards / Distinction :

S.No.	Name of the Award	Venue	Period
1	Best YRC Programme officer	Indian Red Cross Society, Tamilnadu	2010
2	Asia specific interfinish SERIA 2013 Best poster Award and Cash prize	Rajalakshmi Engineering college, Thandalam	2013
3	Certificate of Excellence in reviewing	Journal of Scientific Research and Report	2021
4	Certificate of excellence in reviewing	Chemical Science international Journal	2023

14. Membership in Professional Bodies: NIL**15. Seminars/ Conferences organized /Participation:**

S.No.	Program Attended	Place	Organized/ Participated	Period
1	“National conference on recent advances and current trends in bioscience”	Asan Memorial college of arts and science	organised	8th February, 2013.
2	Quality Enrichment _A Pinnacle for Higher Educational Institutions’	Asan Memorial college of arts and science	organised	21.2.2015
3	“Developing a new curriculum 2017”	kalaivanar arangam and Anna University	participated	20-7-2017 to 22-7- 2017.
4	BIOMICS 2018	Asan Memorial college of arts and science, chennai	Organised	05.08.2018
5	International E-conference on Scientific Research in multidisciplinary approach	SrRM arts and science college	participated	13th & 14th July 2022

WEBINARS ATTENDED:

S. NO	WEBINAR NAME	COLLEGE/UNIVERSITY ORGANIZED	DATE
1	What it means to be a professional teacher	British Council, India.	02.03.2023

WEBINARS ORGANISED :

S. NO	WEBINAR NAME	COLLEGE/UNIVERSITY ORGANIZED	DATE
1	Myth and Facts of Novel Corona Virus(COVID 19)	Asan Memorial college of arts and science, chennai	2-5-2020
2	“Psychology- Corona Virus Anxiety” on	Asan Memorial college of arts and science, chennai	19-5-2020
3	“Drug Development Process from Bench to Beside” on	Asan Memorial college of arts and science, chennai	11-6-2020
4	“Dietician Tips during Covid-19 Pandemic” on	Asan Memorial college of arts and science, chennai	12-7-2020
5	“When I Step Out of the College, Career Options for Biochemistry” on	Asan Memorial college of arts and science, chennai	26-9-2020
6	“Scope and Innovation in Biochemistry”	Asan Memorial college of arts and science, chennai	29-9-2021

16. Participated as Resource Person:

S.No.	Program	Venue	Period
1	Environmental Expo 2015	Asan Memorial college of arts and science, chennai	26-02-2015

17. Workshop & Training Programmes:

S.No.	Programe	Venue	Period
1	How to publish our Research in top Tier Journals	Dr MGR Educational and Research Institutions, Chennai.	30.04.2020
2	International FDP pm Research Challenges and Innovations in Renewable Energy system	AVIT,	11.05.2020 -16.05.2020
3	The Challenges to opportunity in COVID19 PANDEMIC	Tamil Nadu Teachers Education University, chennai	05.06.2020
4	Sri Kumarakurbarar Brapandankal	SKSS Arts College, Thiruppanandal.	08.06.2020 to 10.06.2020
5	National online workshop on sculptural tradition of Tamilnadu	Tamil University, Tanjore	08.06.2020 to 13.06.2020
6	Workshop on National e-awareness cum Training on (IPRNeAT IPR)	University of Madras & CSIR-IMMT Bhuvanesar.	25-7-2022 to 30-7-2022
7	“All you need to know about books & publishing”	IQAC, Annai vailankanni college of arts and science	4-2-2023
8	Naan Mudhalvan FDP Programme on Cambridge English/Microsoft office”	University of madras	8-2-2023 to 9-2-2023
9	INUP-i2i Familiarization workshop on Nano fabrication	IIT Madras	12-6-2023 to 14-06-2023
10	Development of eContent-Audio Resources	NCERT	26-6-2023 to 30-06-2023
11	for Naan Mudhalvan Scheme	Tamil Nadu Govt Higher education Department	17-7-2023 to 21-7-2023

12	DIGVIJAYA	Amrita Viswa vidyapeertham, Amritapuri.	December 2023
13	Workshop on “Global community health annual workshop[online]”	UNESCO(GHE)	4-6 June 2024.

18. Projects Completed:

S.No.	Name of the Projects	Period	Grant Received/Status

19. Any other Details:

Selected by Indian Ministry of Education for Kasi Tamil Sangamam December 2022 for learning Indian cultural heritage across India

BOOK CHAPTERS PUBLISHED :

- Power of social networks and Academic performance on overview” ISBN:978-93-82570-90-5

MEDICAL DIAGNOSIS CAMP ORGANIZED:

- Medical camp in collaboration with star med diagnostic center at Govt Higher Secondary School, Pallikaranai on 1/8/16
- Medical camp at Govt higher secondary school, Pallikaranai on 8/8/17
- one day Medical Camp in collaboration with Dr.Mohan’s Diabetes,Chennai at Govt.Hr.Sec School,Selaiyur on 21-8-2019.
- An awareness on Food adulteration by performing experiments and Virtual presentation 11th &12th of August 2023

POSTERS PRESENTED

Surface characterization of nano composite international conference on surface engineering Interfinish SERIA 2013 organised by Rajalakshmi Engineering college, Thandalam.

TECHNICAL SKILLS

- PCR.
- HPLC.
- Isolation and purification of enzymes.
- Chromatographic techniques.
- Electrophoretic techniques.
- Diagnostic enzymology, determination of activity of serum enzymes.
- UV spectrophotometry assay of Biomolecules.
- Analysis of Blood constituents.
- Spectrofluorimetry assay of vitamins.
- Flame photometric assay of minerals.
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SOFTWARE SKILLS

- Proficiency in MS-Office, HTML.
- Completed Spoken English course conducted by BCL, Chennai.

ROLE AS EXAMINER

- Ethiraj College for women, Chennai, (autonomous) affiliated to university of Madras.
- Ramakrishna mission Vivekananda college, Vivekananda college(Up to March, 2013)
- University of Madras
- D. G. Vaishnava college, Chennai
- Vels university, Chennai