# SRI SANKARA ARTS & SCIENCE COLLEGE ENATHUR, KANCHIPURAM

## STAFF PROFILE



#### DEPARTMENT OF BIOCHEMISTRY

1.	Name of the Staff	M. V. DASS PRAKASH
2.	Designation	ASSISTANT PROFESSOR
3.	Date of Joining	04.07.2014
4.	Mobile Number	9944467306
5.	E-Mail ID	dassbms@gmail.com
6.	Nationality	INDIAN
7.	Academic Qualification	M.Sc., Ph.D., DMLT., DMSO., NET.,
8.	Field of Specialization	Phyto-nanotechnology Biochemical & Genetic Toxicology
9.	Ph.D Thesis Title	Evaluation of Antioxidant, Antigenotoxic Potential of <i>Punica</i> granatum Leaf Extract and Chemosensitizing Ability of Maltol in Ascitic Tumor Model
10	Awarding University, Year of Award.	Bharathidasan University, 2013

## 10. Work Experience (in chronological order):

S. No	Name of the Institution	Designation	Period
1	Sri Sankara Arts and Science College.	Assistant Professor	July 2014 – Till date
2	Life Cell International Pvt (Stem cell Bank).	QC-Executive	Sep 2013 – Dec 203
3	Bharathidasan University.	Project Fellow	Mar'2010 to Jan' 2013
4	Orchid Chemicals and Pharmaceuticals Ltd (R&D).	Research Assistant	Apr'2004 to Jun'2005

# 11. Other Academic and Administrative Responsibilities:

S. No.	Name of the Institution/Committee	Position	Period
1	Sri Sankara Arts and Science College/ Online Course – NPTEL/SWAYAM	Department Co- Ordinator	2018 to Till date
2	Sri Sankara Arts and Science College/ University Examination committee	Member	2018 to 2019
3	Sri Sankara Arts and Science College/ Internal Examination committee	Member	2015 to Till date
4	Bharathidasan University/ Hostel Mess committee	Secretary	2012 to 2013

## 12. Publications:

S. No	Title	Journal	Pages
1	Phytosynthesis, Characterization and Antimicrobial Activity of Copper Oxide Nanoparticles from Cassia auriculata	Bioscience Biotechnology Research Communication	270-274
2	UV Spectrophotometry and FTIR analysis of Phenolic Compounds with Antioxidant Potentials in Glycyrrhiza glabra and Zingiber officinale	Int. J. Res. Pharm. Sci	877-883
3	Phytoremediation: As a Boon to Nature - A Review	Emperor Journal of Life Science Research	1-8
4	Approach to Diabetes Diagnosis:- A Review	Emperor Journal of Life Science Research	33-40
5	In-Vitro Mutagenic and Cytotoxic	International Journal of	1000-1005

	Activity of Nigella Sativa Seed Extract	Pharmaceutical	
	by Ames And MTT Assay	Sciences and Research	
	Non-Antioxidant Enzymes and In	European Journal of	
6	Vitro Antioxidant Activity of Roasted	Molecular & Clinical	1717-1726
	Soybean and Flaxseed	Medicine	
	Additive inhibitory effect of the peels	International Journal of	
7	of Citrus limon and Citrus sinensis	Research in	6876-6880
•	against amylase and glucosidase	Pharmaceutical	0070 0000
	activity	Sciences	
_	Assessment of Quinone Enriched		
8	Fraction in <i>Nigella sativa</i> Seed	Int. J. Res. Pharm. Sci	1-6
	Extracts		
	Comparative Study on Phytochemical	International Journal	
9	Composition and Antioxidant Activity	for Innovative Research	17-23
	of Natural and Hybrid Variety of	in Multidisciplinary	
	Papaya Leaves	Field	
10	The Inhibitory Effect of Costus Igneus Leaf Extract On Salivary Amylase	Journal of Emerging Technologies and	56-63
10	And Pancreatic Amylase Activities	Innovative Research	30-03
	Assessment of Bioactive Compounds	Journal of Emerging	
11	and Their Antioxidant Activities of	Technologies and	588-599
	Nigella Sativa Seeds	Innovative Research	000 033
	Inhibitory potential of Hydroxychavic	Natural Product	1-6
10	ol on Ehrlich ascites carcinoma mode	Research	
12	1 and in silico		
	interaction on cancer targets		
	Spectral Studies and Biochemical	International Journal of	246-253
13	Evaluation of Citrus limon Pulp	Pharmacognosy and	
		Phytochemical Research	
	Comparative study of	International Journal of	1145-1148
14	physicochemical properties and		
	antioxidant analysis on refined and	Development	
	unrefined edible oils		
	Influence of Cox-2 Modulators Over	South Asian Journal of	
15	Busulfan Induced Genotoxicity in	Engineering and	
	Human Peripheral Blood	Technology	
	Lymphocytes.  Comparative bioactive studies	Applied Biochemistry	2105-2120
16	between wild plant and callus culture	and Biotechnology	4100 4140
	of Tephrosia tinctoriapers		
	Protective effect of naringenin on	Molecular Biology	3681-91
	hepatic and renal dysfunction and	Reports	
17	oxidative stress in arsenic intoxicated	•	
	rats.		
	In vitro and In vivo evaluation of	Pharmaceutical biology	1744-5116
18	antioxidant and antigenotoxic		
	potential of Punica granatum leaf		
	Phytochemical Screening, Free	International Journal of	333-337
19	Radical Scavenging and Cytotoxic	Medicobiological	
	Studies on Punica granatum Leaf	Research	
	Extracts		

20	Influence of COX-2 modulators over busulfan induced genotoxicity in human peripheral blood lymphocytes	Medicobiological	211-221
21	Role of Syzygium cumini seed extract in the chemoprevention of in vivo genomic damage and oxidative stress		329-33
22	Evaluation of the in vitro antioxidant, anti-enteropathogenic and anticancer efficacy of natural and synthetic hydroxychavicol	Medicobiological	272-276

#### **BOOK PUBLISHED**

**M. V. Dass Prakash**, S. Sivakumar , **K. Premkumar** , Childhood Asthma: Antioxidant Diagnosis and Management: Analysis of Antioxidants and Trace Elements Status in Rehabilitating Asthamatic Children. LAP LAMBERT Academic Publishing, Germany. (2011) pages 108.

#### 13. Awards / Distinction:

S.No.	Name of the Award	Venue	Period
1	Best Assistant Professor Award (Mayas Academic Excellence Awards–2019)	Mayas Research, and Learning (OPC) Private Limited	December 2019.
2	Appreciation for Implementation of MOOC in the department	Sri Sankara Arts and Science College	2018-2019
3	Best Poster Award	Punjab University	March 2010

#### 14. Membership in Professional Bodies:

S.No.	Name of the Membership	Venue	Period
1	Environmental Mutagen Society of India ( <b>EMSI</b> ).		Life Member

#### 15. Seminars/ Webinar/ FDP/Conferences organized /Participation:

#### a) Seminars/ Conferences organized:

S.No.	Program Attended	Place	Organized/ Participated	Period
1	Webinar on "Traditional System of Medicine in Modern Healthcare"	Department of Biochemistry, Sri Sankara Arts and	Organized	4 <sup>th</sup> January 2021

		Science College, Kanchipuram		
		Department of	Organized	
	National Workshop on	Biochemistry, Sri	Organized	
2	Fundamentals of Medical	Sankara Arts and		8 <sup>th</sup> March 2019
_	Coding,	Science College,		o march 2019
	J	Kanchipuram		
		Department of	Organized	
	National Seminar on	Biochemistry, Sri		
3	Recent Strategies in	Sankara Arts and		8 <sup>th</sup> March 2018
	Regenerative Therapy	Science College,		
		Kanchipuram		
		Department of	Organized	
	National Seminar on	Biochemistry, Sri		
4	Biomarkers in Clinical	Sankara Arts and		8 <sup>th</sup> March 2017
	Research	Science College,		
		Kanchipuram		
		Department of	Organized	
	State Level seminar on	Biochemistry, Sri		
5	"Emerging facts in	Sankara Arts and		January, 2015
	Diabetes Mellitus	Science College,		
		Kanchipuram		

## b) Webinars Participation:

S. No.	Program Attended	Organized By	Date	
	National webinar on "NAAC - Revised	IQAC, Sri Sankara	19th February,	
1	Accreditation Framework: Pathway to	Arts and Science	2021.	
	Excellence in HEI".	College		
		Department of		
	Webinar on COVID-19 Vaccines in	Biotechnology,	27 <sup>th</sup> February	
2	India.	SRM Arts and	21 th February 2021	
4		Science College,	2021	
		Chennai		
		National Centre for		
	International Webinar & 3rd National Conference of The Society for Alternatives to Animal Experiments	Alternatives to		
		Animal	December 28, 2020.	
•		Experiments		
3		(NCAAE),		
		Bharathidasan		
		University,		
		Tiruchirappalli		
	National Webinar - "Overview of Signal	Department of	02 <sup>nd</sup> December	
4	Transduction and Role of G Proteins"	Biochemistry, Soka	2020.	
	on	Ikeda College of	<i>2</i> 020.	

		A	1
		Arts & Science for	
		Women, Chennai	
		Prince Shri	
5	Where are we with vaccine and	Venkateshwara	13.05.2020
	Treatment for COVID-19	Arts and Science	
		College, Chennai	
	COVID-19 Stress Management Through	Nature Science	
6	Yoga	Foundation,	17.05.2020
	Toga	Coimbatore	
		Karpaga Vinayaga	
ı	Applications of Flow Cytometer in	College of	18.05.2020.
7	Applications of Flow Cytometer in Health care Sector	Engineering and	10.05.2020.
	Health care Sector	Technology,	
		Chengalpattu	
		Cosmopolitan's	
		Valia Centre of	
_	MS Excel – Data Analytics and	Excellence in	19.05.2020.
8	Visualisation Techniques.	Association with	
	1	Department of	
		BAF, Valia College.	
		Organization for	
		Industrial, Spiritual	
	National webinar on "Biodiversity	and Cultural	
9	Conservation in Tamil Nadu, Guru	Advancement	22.05.2020.
9	Nanak College.	(OISCA)	
	Wallak College.	International,	
		Japan, Chennai.	
		Shri Shankarlal	
	The Art of Writing Research Paper.	Sunderbai SHASUN	
10	The firt of writing Research Laper.	Jain College for	22.05.2020.
		Women, Chennai.	
		Vinayaka Mission's	
	International Webinar on STEM Cell	Kirupananda	
11	Research – SARS-Cov-2 (COVID-19).	Variyar	23.05.2020.
11	Research - Shiks-Cov-2 (COVID-19).	Engineering	40.00.4040.
	Next Ceneration Securesias	College, Salem. Bhaktavatsalam	
10	Next Generation Sequencing  Methodologies and Applications		25.05.2020.
12	Methodologies and Applications.	College for Women, Chennai.	<i>4</i> 5.05. <i>4</i> 020.
	Electron Microscopy: An Essential tool	Hindustan College	
13	for Nanomaterials Characterization.	of Arts and	29.05.2020.
		Science,	
		Coimbatore.	
	International Webinar entitled	Department of	
14	"Structure, function and mechanistic	Biochemistry and	30/10/2020.
- '	insights of a novel class of host defense	Chemistry, Jaya	,,,
	molecules employing NMR	College of Arts and	

	spectroscopy".	Science,	
		Thiruninravur.	
15	International Conference on Nutraceuticals as Immune boosters".	Department of Biochemistry, Dwaraka Doss Goverdhan Doss Vaishnav College (Autonomous), Chennai.	28th October,2020
16	webinar on Anti-microbial Resistance: Challenges and Present Approaches.	Shri Dharmasthala Manjunatheshwara University, Dharwad, Co- ordinated by: SDM Research Institute for Biomedical Sciences, Dharwad, Karnataka.	29th October 2020,
17	National Webinar on Technology in Education Sector.	Department of Computer Science, Anna Adarsh College for women, Chennai.	21 November 2020.
18	Two days International Virtual Conference on "Recent Advances in Biochemical and Material Sciences 2020"	Department of Chemistry, Physics and Biochemistry, Annai Violet Arts and Science College.	24th and 25th November 2020.
19	Webinar on Research Methodologies in Biosciences.	St. Joseph's College (Autonomous), Bengaluru	26 November 2020.
20	National Conference on "Trends in Biopharmaceutics 2020"	Department of Biochemistry, School of Life Sciences, Vels Institute of Science, Technology and Advanced Studies (VISTAS), Chennai	27th November 2020.

## c) FDP Participation:

S. No.	Program Attended	Organized By	Date
1	National Level Faculty Development Programme on "REDEFINING THE ROLE OF TEACHERS"	Department of Computer Applications under the guidance of IQAC	13th December 2020.
2	One-day Faculty Development Programme on "Formulation of Research Problem and Research Funding"	IQAC, Anwarul Uloom College of Business Management, Telangana	04 <sup>th</sup> December 2020.
3	One-week Faculty Development Programme on "Stress and Anger Management"	Jaipur Engineering College and Research centre, Jaipur.	15.12.2020 to 19.12.2020
4	New Learning on Entrepreneurship for Educator,	Dhanraj Baid Jain College, Chennai.	18.05.2020.
5	Online Teaching Via Google LMS During COVID-19 Pandemic,	C. Abdul Hakeem College, Ranipet.	28 <sup>th</sup> to 30.05.2020.
6	50+ Ways of Teaching Learning Process.	Jointly Organized by MTC Global, Dhaka International University, Bangladesh, Bangalore,	30.05.2020.
7	Faculty Development Programme on "Recent trends in Molecular Biotechnology"	Department of Biochemistry, Ethiraj College for Women (Autonomous), Chennai.	June 3rd & 4th,2020.
8	Two Day International FDP on 'High impact Teaching Skills and Mind Mapping for Better Teaching'	International Centre for Business Studies (ICBS), Department of Commerce, Manipal Academy of Higher Education,	19th and 20th August 2020.

		Manipal.	
9	Faculty Development Program on "Stress Management".	Department of Computer Science, Sree Narayana Guru College, Coimbatore.	27th November 2020
10	Faculty Development Programme on Best Practises in Research"	Research and Publication Committee of IQAC of Sree Narayana College, Nattika, Thrissur, Kerala.	02/11/2020, 04.11.2020 & 07.11.2020.

# d) Seminars/ Conferences Presented Paper or Poster:

S. No.	Program Attended	Place	Presented Poster/Paper	Period
1	One day International Conference on Advances in Medical Science and Molecular Biology (AMSMB-20).	PG & Research Department of Microbiology, Idhaya College for Women, Kumbakonam.	Paper	27th January, 2020.
2	International Conference on Integrative nature of life science and its challenges in Research	Department of Biochemistry, Theivanai Ammal College for Women (Autonomous), Villupuram	Paper	6th September, 2019
3	International Conference on New Frontiers in Engineering, Science, Law, Management, Humanities and Social Science (INFES-2019)	IST-Gauhati University, Guwahati, India	Paper	23 <sup>rd</sup> & 24 <sup>th</sup> Feb, 2019
4	Biometabolites with Bioactivity (NCUBB'19)	Department of Biotechnology, Bishop Heber college, Trichy.	Paper	25 <sup>th</sup> Feb 2019.
5	DST Sponsored 4 <sup>th</sup> National Conference on Emerging Trends and New Challenges in Biotechnology – Bioenergy:	PG and Research Centre of Biotechnology, M.G.R College, Hosur	Paper	18 <sup>th</sup> and 19 <sup>th</sup> February 2016

	A Step towards			
	Sustainable Future			
6	National Symposium on "Emerging Trends in Life sciences (Biotrends 2015)	Department of Biochemistry, Soka Ikeda College of Arts and Science for Women, Madhanakuppam, Chennai.	Poster	27 <sup>th</sup> January, 2015
7	International Symposium on Mutagens and Genetic Diversity for health and Agriculture, XXXVI <sup>th</sup> Annual Conference of environmental society of India (EMSI)	VIT, Vellore	Poster	4-6 Feb' 2011
8	International Symposium on Mutagens and Genetic Diversity for health and Agriculture, XXXV <sup>th</sup> Annual Conference of environmental society of India (EMSI)	Punjab University, Chandigarh	Poster	12-14 Mar'2010.
9	National Level Conference on Antioxidants in Cancer	Sri Sankara Arts and Science College, Kanchipuram	Paper	10 <sup>th</sup> & 11 <sup>th</sup> Oct'2006.
10	National Level Conference on <b>Hepatotoxicity</b>	Theivanai Ammal College for women, Villupuram	Paper	02 Aug'2003

## e) Seminars/ Conferences Participation:

S.No.	Program Attended	Place	Organized/ Participated	Period
1	National Seminar on Industry Academia Connect and Design Exhibit (IACDE-2020)	Rathinam College of Arts and Science, Coimbatore	Participated	8 <sup>th</sup> and 9 <sup>th</sup> January 2020
2	Two Days National Seminar on "Recent Trends in Life Science	Bhakthavatsalam Memorial College for Women, Chennai	Participated	4 <sup>th</sup> & 5 <sup>th</sup> October 2019
3	International Conference on Stem Cell and Cancer Therapy	Saveetha Dental College and Hospital, SIMATS, Chennai	Participated	July, 5 <sup>th</sup> 2019

4	PHARM-BIOTECH 2k19	Saveetha Dental College & Hospitals, SIMATS,	Participated	8 <sup>th</sup> January 2019
5	National Seminar on Towards Achieving Excellence in Higher Education	Chennai Sri Sankara Arts and Science College, Kanchipiram	Participated	15 <sup>th</sup> December,2018
6	Inter National Seminar on Emerging Paradigm in Cancer Therapy	Indo – American College, Cheyyar	Participated	17 <sup>th</sup> August 2016
7	National Seminar cum Conference on Frontiers Research in Applied Biology and Environmental Science	King Nandhivarman College of Arts and Science	Participated	30 <sup>th</sup> January, 2016
8	DST Sponsored 4th National Conference on Emerging Trends and New Challenges in Biotechnology – Bioenergy: A Step towards Sustainable Future organized	M.G.R College, Hosur	Participated	18 <sup>th</sup> and 19 <sup>th</sup> February 2016
9	International Conference on Green Energy and Green Environment	Nadar Saraswathi College of Arts & Science, Theni.	Participated	Jan 21, 2015.
10	Seminar on Recent Trends in Hospital management (RTHM-2012)	Bharathidasan University	Participated	2012
11	One day Regional workshop on Recent Trends in University Industry Relation	Bharathidasan University	Participated	16 <sup>th</sup> Feb'2012
12	International conference on Medical Genetics and Genomic conducted by department of Biomedical Science	Bharathidasan University	Participated	12-14 Dec'2011
13	National seminar on Recent advances in infectious and non- infectious diseases	Bharathidasan university	Participated	13-14 Oct'2011
14	International Symposium on Mutagens and Genetic Diversity for health and Agriculture/ XXXV <sup>th</sup> Annual Conference of environmental society of India (EMSI)	Punjab University, Chandigarh	Participated	12-14 Mar'2010

15	International Conference on frontiers in Biomedical Science	Holy Cross College, Trichy	Participated	26-28 Aug'2010
16	International Conference on Climate Change and Bioresource	Bharathidasan University	Participated	9-12 <sup>th</sup> 2010
17	National level symposia on "Emerging Facts in Cancer" 2006	Sankara Arts and Science College, Kanchipuram	Participated	10 <sup>th</sup> & 11 <sup>th</sup> Oct'2006
18	National level symposia on "Resent Trends in Microbial Biotechnology	Sri Sankara Arts and Science college, Kanchipuram	Participated	29-30 Dec'2005
19	National level seminar on "Biovision 2004" 2004,	king Nandhivarman College of Arts and science, Thellar	Participated	16 <sup>th</sup> Feb'2004
20	National level symposia on "Signal Transduction and Hepatotoxicity	Theivanai Ammal College for women, Villupuram	Participated	2 <sup>nd</sup> Aug 2003

# 16. Participated as Resource Person:

S.No.	Program	Venue	Period
1	Key Note Speaker -	IST-Gauhati	23 <sup>rd</sup> & 24 <sup>th</sup> Feb,
	International Conference on	University, Guwahati,	2019
	New Frontiers in Engineering,	India	
	Science, Law, Management,		
	Humanities and Social Science		
	(INFES-2019)		

## 17. Workshop &Training Programmes:

S.No.	Programe	Venue	Period
	Moodle Learning	SRM Institute of	January 2020
	Management System -	Science and	
1	Spoken Tutorial Project, IIT	Technology,	
	Bombay.	Ramapuram Campus,	
		Chennai.	
	The Art of Writing Winnable	Department of	12 <sup>th</sup> July 2019
	Project Proposals Biotechnology, Sri		
2 Sankara Arts		Sankara Arts and	
		Science College,	
		Enathur,	

		Kanchipuram	
3	Workshop on MOOC Awareness & E-Content Development	Internal Quality Assurance Cell, Sri Sankara College, Kanchipuram	24 <sup>th</sup> & 25 <sup>th</sup> January 2019
4	NPTEL Awareness Workshop	SSN College of Engineering, Rajiv Gandhi Salai(OMR), Kalavakkam	9 <sup>th</sup> Dec 2017
5	State Level Workshop on Histopathological Techniques (HITECH-12)	Department of Biochemistry, StJoseph's College, Trichy	28 <sup>th</sup> September 2012
6	International Workshop on Micronucleus Assays with Buccal Cells for Human and Environmental Monitoring	department of Biotechnology, Anna University, trichy-24	9-13 <sup>th</sup> feb' 2011
7	Short term training Program on Structural and Medical Bioinformatics	Department of Biotechnology, Government of India at Karuniya University, Coimbatore	28 <sup>th</sup> Feb'2010 to 5 <sup>th</sup> Mar'2010
8	Two days National workshop on Scholarly Information Access	Bharathidasan University, Trichy	23 <sup>rd</sup> and 24 <sup>th</sup> October 2009
9	One day National workshop on patent information	Bharathidasan University, Trichy	29 <sup>th</sup> April 2009.
10	One day workshop on instrumental method of analysis organized	vellore institute of technology, Vellore	7 <sup>th</sup> January 2006

## 18. Projects Completed:

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

## 19. Any other Details:

University of Madras recognized M. Phil., Supervisor - Guideship Ref No: NO:

RP/Guideship/M.Phil/2019/1157 dated 29/07/2019.

#### **ORIENTATION PROGRAMME ATTENDED**

- 1. Faculty Development Workshop on **Digital Learning Resources**, organized by IQAC, Sri Sankara Arts and Science College, Kanchipuram on 2<sup>nd</sup> Februray 2018.
- 2. Faculty Development Workshop on **New Methodology in Teaching**, organized by IQAC, Sri Sankara Arts and Science College, Kanchipuram on 5<sup>th</sup> October 2016.
- Faculty development program on Computer Application for efficient teaching and research on 20<sup>th</sup> – 28<sup>th</sup> October 2014 organised by Sri Sankara Arts and Science College, Kanchepuram.

#### IPR & PANTED WEBINAR

- National Level Webinar on "Intellectual Property Rights in India" organised by the IPR Cell - Sree Narayana Guru College, Coimbatore on 2<sup>nd</sup> November 2020.
- 2. Webinar on "Patenting in Biotechnology: Indian Perspectives" Organized by Department of Biotechnology, Sree Narayana Guru College, Coimbatore on 21st November 2020.

#### FIELD VISITS ORGANIZED

- Organized field visit for II M.Sc Biochemistry students to eppendorp Pvt.Ltd, Ambit Park Road, Sidco Industrial Estate (South), Ambattur, Chennai 600 05 on 15th Feb 2019.
- 2. Organized field visit for II B. Sc and II M.Sc Biochemistry students to Life cell Pvt.Ltd, Chennai on 11<sup>th</sup> Jan 2018.

#### **JOURNAL EDITORIAL BOARD**

- Emperor Journal of Life Science Research Editor
- > Emperor Journal of Applied Scientific Research Editor
- ➤ International Journal of Innovative Research and Multidisciplinary Present-Day Science (ISSN: 2349-7300) (ID: 413) – Reviewer
- Journal of Emerging Technology and Innovative Research (ISSN:2349-5162)
   (ID:113997) Reviewer