

D.D.G.D. VAISHNAV COLLEGE (AUTONOMOUS)

1	Name	Dr. N. SENTHIL KUMAR
2	Designation	ASSISTANT PROFESSOR
3	Department	BIOTECHNOLOGY
4	Employee Id	EC04014
5	Date of Birth	25.05.1984
6	Gender	MALE
7	Date of Appointment in this institution	19.06.2023
8	Experience in this institution	TWO MONTHS
9	Official Mail Id	n.senthilkumar@dgvaishnavcollege.edu.in
10	Blood Group	'A' NEGATIVE

11	EDUCATION DETAILS (from highest qualification):				
S. No.	Degree	Institution	University	Year of study	Grade/Class
1	Ph. D	Presidency College (Autonomous), Chennai	University of Madras	2009-2013	Highly Recommended
2	M. Sc	Sathyabama University, Chennai	Sathyabama University	2007-2009	First class with Distinction
3	B. Sc	King Nandhivarman College of Arts and Science, Thellar	University of Madras	2003-2006	Second Class

12	Details of ORIENTATION/REFRESHER COURSES attended:			
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from-to)
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13	Details of SEMINARS, CONFERENCES, WORKSHOPS, FDPs etc. attended:				
S.No	Type (Regional/National/International)	Theme (Workshop/Conference/Seminar/FDP)	Organized by	Duration	Date
1.	Regional	Faculty Development Programme	SRM Institute of Science and Technology, Ramapuram, Campus, Chennai	7 Days	03.07.2023 to 09.07.2023
2.	Regional	Faculty Induction Programme	The Faculty Development Cell in association with Internal Quality Assurance Cell. DG. Vaishnav College, Chennai – 600 106.	5 Days	14.06.2023 to 18.06.2023
3.	National	Workshop on Intellectual property rights – a Prescience	Kumararani Meena Muthiah College of arts and science, Chennai	1 Days	15.02.2020
4.	National	Recent Trends on Nutraceuticals & Gene Therapy	Jaya College of arts and science, Chennai	1 Days	06.02.2020
5.	National	National Level Conference “Conserve Our Natural Resources - its Time to be Greeny”	Prince Shri Venkateshwara Arts and Science College	2 Days	28.02.2020 And 29.02.2020
6.	National	National seminar cum Workshop on Applied Plant Genomics	Presidency College (Autonomous), Chennai.	1 Days	13.07.2012
7.	Regional	Assembling Nanomaterials of the seminar series Nano revelation – 2012	Science City and National Centre for Nanoscience and Nanotechnology, University of Madras	1 Days	20.03.2012
8.	International	International Algal Summit “Algae for Sustainable Development”	TERI, New Delhi.	2 Days	21.09.2012 And 22.09.2012
9.	National	National Conference on Algae and Algal Products	Sathyabama University, Chennai.	3 Days	22.09.2011 To 24.09.2011
10.	Regional	Genetic Transformation and transgenic plants:	VIT University, Vellore.	3 Days	07.09.2010 To 09.09.2010

		Concepts, applications and concerns,			
11.	International	7 th Asia – Pacific Conference on Algal Biotechnology,	December 1 - 4, 2009, Delhi University, New Delhi.	4 Days	01.12.2009 To 04.12.2009
12.	Regional	Recent Trends in Nano - Biotechnology and Nanotechnology Instrumentation,	IIT Madras, Chennai.	3 Days	17.09.2009 To 19.09.2009
13.	Regional	Second Annual Science Symposium on HIV/AIDS,	YRG CARE, Taramani, Chennai.	2 Days	28.08.2009 And 29.08.2009
14.	National	National Seminar Cum Workshop on Nanotechnology and Nano Biotechnology,	Department of Biotechnology, Sathyabama University Chennai.	3 Days	14.02.2008 To 16.02.2008

14 Details of Papers published in CONFERENCES/attended Conferences:					
S.No	Type (Regional/National/International)	Name of the Conference	Name of the paper presented/Attended	Organized by	Date
1	International	Exploring the Secrets of Bio-fuel An International Summit	Paper presentation - Biodiesel production from fresh water micro algae	Dept. of Plant Biotechnology, Presidency College (Autonomous) Chennai.	08.08.2011
	International	International Conference on Algal Biorefinery,	Poster presentation, “Growth Kinetics and Fatty acid Composition of <i>Chlorella vulgaris</i> (Trebouxiphyceae), <i>Scenedesmus quadricauda</i> (Chlorophyceae) and <i>Isochrysis galbana</i> (Prymnesiophyceae)	Organized by IIT, Khargpur on	10.01.2023 To 12.01.2023

15	Details of visit as a RESOURCE PERSON:			
S. No	Type (Guest Lectures, Workshops, Conferences Or Seminars/ Ph.D, Viva-voce Examination)	Title	Institution Name	Date
1	Guest Lectures	Emerging Trends In Eco-Green Technology	New Prince Shri Bhavani College of Arts and Science	27-09-2019
2	Guest Lectures	Gene Therapy	Jaya College of arts and science, Chennai06.02.2020	Chennai 06.02.2020

16	Details of publication of Articles/ Chapters written in EDITED BOOKS:			
S.No	Book Name	Title of Articles/Chapters	Name & Address of the Publisher	Month & Year of Publication
1	Cell and Molecular Biology,		<i>Tipitaka</i> <i>Publisher of Science and Engineering Books</i> , (ISBN NO:978-81-948789-64,	Date 05.11.2021)

17	Details of individual/collaborative MAJOR/MINOR research project undertaken:					
S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration
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18	Details on RESEARCH GUIDANCE:				
S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status
-	-	-	-	-	-

19	Details of papers published in JOURNALS:						
S.No	Journal Type	Name of the Journal	Title of the article	Name of the Co-authors	Vol No, IssueNo ,Page	Month and year of Publication	Impact Factor/ SCI/Scopus

	(National/ International)				Nos. ISSN No/DOI		(if any)
1	National	<i>Parishod h Journal</i>	Length Weight Relationship Between the various Culture Practices,	Santhi ,Usha and Senthil Kumar.	ISSN NO:2347-6648	Jan 2020	Impact factor: 0.8
2	National	<i>Journal of applied Science and computat ions,</i>	Novel Synthesis of Erythrina Indica Leaf extract Conjugated gold Nanoparticles with potent antibacterial and antioxidant properties	N.Senthil Kumar,N.Santhi.	ISSN NO:1076-5131	April 2020,	Impact factor: 1.2
3	National	<i>Parishod h Journal</i>	Inventory of Medicinal Plants In Nanmangalam Reserve Forest, Medavakkam, Chennai,	G.Ramesh and N.Senthil Kumar,	ISSN NO: 2347 6648	Nov2019,	Impact factor: 0.8
4	National	<i>Parishod h Journal</i>	Histomorphology of Immune Organ of Spleen in Ophiocephalus (Channa punctatus),	Santhi Sivakumar, Usha Rajesh and Senthil Kumar.	ISSN NO: 2347-6648	Nov2019,	Impact factor: 0.8
5	National	<i>Parishod h Journal</i>	Proximate chemical composition analysis of Ragi straw before and after fermentation with <i>Plyporusmonticola</i> and <i>Trichoderma viride</i> ,	, S.Usha and N.Senthil Kumar.	ISSN NO: 2347-6648,	Nov 2019	Impact factor: 0.8
6	National	<i>Parishod h Journal</i>	Enzyme production through immobilization	S.Usha and N.Senthil Kumar.	ISBN NO:2347-6648,	Nov2019	Impact factor: 0.8

			using poly urethane foam cubes in solid state fermentation of ragi straw with polyporusmonticola and trichoderma viride.				
7	International	<i>European journal of molecular and clinical medicine</i>	Characterization of silver-Titanium Nanoparticles using UV-Visible spectrophotometer and scanning electron microscopy(SEM) Analysis.	G.Ramesh N.Senthil Kumar.	ISBN NO: 2515-8260	Nov2014	Impact factor: 1.0
8	National	<i>Indian Streams Research Journal</i>	Selection, characterization and mass cultivation of microalgae for biodiesel production,	Senthil Kumar Natesan and Elumalai Sanniyasi. (ISBN NO: ISSN No : 2230-7850	Jan-2014,	Impact factor: 5.1
9	National	<i>Review of Research journal Vol. 3,</i>	Molecular Characterization of β - subunit (accD region) of Acetyl - CoA Carboxylase gene in Microalgae	Senthil Kumar Natesan Elumalai Sanniyasi.	ISBN NO:294 9894x	Feb. 2014	Impact factor: 2.3
10	National	<i>Golden Research Thoughts Volume-3</i>	Biodegradation of Feathers by the Microorganisms Present in the Poultry Wastes and Enhance its Activity by Mutation	P. Senthil Kumari and N. Senthil Kumar.	ISSN, 2231-5063	Jan-2014	Impact factor: 1.9
11	National	<i>Journal of Ecobiotechnology</i>	Ultra Structural Analysis and Lipid Staining of Biodiesel Producing	. S. Elumalai*, S. Baskaran, V. Prakasam and N. Senthil	ISSN: 2077-0464	Jan-2011	(Impact factor: 1.8)

			Microalgae - <i>Chlorella vulgaris</i> Collected from Various Ponds in Tamil Nadu,	Kumar.			
12	International	International Journal of Current Research and Review.	Pilot scale production of Biodiesel from Macro algae Collected from Coromandal Coast, East Coast India.	Ramganes Selvarajan, Senthil Kumar, Rangasamy Murugesan and Sanniyasi Elumalai.	ISBN NO: 097552 41,	April-2011	Impact factor: 0.39
13	International	International Multidisciplinary research journal,	Analysis of Algal Cell Elements Collected from Temple Tanks, Rock Ponds and Seashore in Kovalam and Mahabalipuram, Tamil Nadu,	Sanniyasi Elumalai*, Ramasamy Sakthivel, Bartheolomai Infant Santhos and Natesan Senthil Kumar.	ISSN 2424-7073	2011	Impact factor: 3.7
14	International	Bioscience Biotechnology Research Asia,	FT-IR and GC-MS studies of dihydroflavonols from bark extract of <i>Lannea coromandelica</i> .	M.Prabhakaran, S.Elumalai, N.Senthil Kumar, and R. Murugesan.	ISSN: 2456-2602	2011	Impact factor: 4.2
15	International	International multidisciplinary Research Journal	Growth Kinetics and Fatty Acid Composition of <i>Chlorella vulgaris</i> (Trebouxiophyceae), <i>Scenedesmus quadricauda</i> (Chlorophyceae) & <i>Isochrysis galbana</i> (Prymnesiophyceae)	Senthil Kumar Natesan, Prakasam Velu, Elumalai Sanniyasi.	ISSN: 2455-3662	2011	Impact factor: 4.3
16	International	Elixir online journal	Ultra structural studies of macroalgae collected from coromandal	Elumalai Sanniyasi, Senthil Kumar Natesan and	ISBN NO: 2229-712X.	2011	Impact factor: 1.4

			coast, India for biofuel production	Ramganes Selvarajan.			
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20	Details of AWARDS received:		
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
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21	Details of MEMBERSHIP IN EDITORIAL BOARD/ACADEMIC AGENCIES/BODIES:			
S.No	Name of the Journal/Magazine/Agency	Position in the Board	ISBN/ISSN No.(if any)	Year
-	-	-	-	-

22	POSITIONS HELD in this institution:		
S.No.	Institution/Department Level	Position	Duration