

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

1	Name	Dr.K.Selva Kothai Nachiyar
2	Designation	Assistant Professor
3	Department	Physics
4	Employee Id	EC27003
5	Date of Birth	25.05.1974
6	Gender	Female
7	Date of Appointment in this institution	14.07.2011
8	Experience in this institution	11 Years and 6 Months
9	Official Mail Id	selvakothainachiyar@dgvaishnavcollege.edu.in
10	Blood Group	B-ve

11	EDUCATION DETAILS (from highest qualification):				
S.No.	Degree	Institution	University	Year of study	Grade/Class
1.	Ph.D		Manonmaniam Sundaranar University, Tirunelveli	July 2015	
2.	M.Phil		Manonmaniam Sundaranar University, Tirunelveli	March 2007	Second
3.	M.Sc	Scott Christian College, Nagercoil	Manonmaniam Sundaranar University, Tirunelveli	March 1999	Second
4.	B.Sc	Sree Ayyapa college for Women, Nagercoil	Manonmaniam Sundaranar University, Tirunelveli	April 1996	First

12 Details of ORIENTATION/REFRESHER COURSES attended:					
S.No.	Orientation/Refresher	University/Institution	Duration	Date (from -to)	
1	Refresher programme in physics practical DBT Star college scheme support – for PG teachers of Govt.Schools	Department of physics DDGDVC Vaishnav college in association	One day		
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	International	International conference "Solid State ionics"	Wuhan University China		2008
2	Regional	Organizing committee -Seminar on recent trends in Applied Physics (SRTAP 2012)	Department of physics , DDGD Vaishnav College, Arumbakkam Chennai-106.	One day	Feb 20 12
3	Regional	Interactive training workshop Empowering Teachers: current technology based on educational content - open source free software	Department of physics , DDGDVaishnav College, Arumbakkam Chennai-106.	One day	May 20 13

4	National	UGC seminar on science in Ancient India	Department of physics – DDGDVaishnav college Chennai in association with Kuppuswami Sastri Research Institute, Chennai	One day	Feb 20 15
5	Regional	Faculty development programme	Internal quality assurance cell (IQAC) DDGD Vaishnav college	One day	March 2016
6	National	Virtual Training on ICT Competency for Higher Education Teachers	Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Three days	13th July - 15th July 2020
7	International	Webinar on "Silicon and Beyond"	Department of Physics Shift II, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	Sep 20
8	National	Webinar - "Liquid Crystals- Technology and Current Trends"	Department of Physics Shift II, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	Sep 20
9	National	Webinar- Women in STEM- Empowering Diversity in Science. Global Women's Breakfast IUPAC	Department of Physics Shift I, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	Feb 21

10	National	Webinar- Self awareness for Personal growth.	Department of Physics Shift I, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	Jan 21
11	National	online FDP in Science pedagogy in	Department of Physics Shift I, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Eight days	9-16 August 2021
12	Regional	Building Stem Intelligence through story telling	NDLI Club- Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	20th Sep21
13	National	webinar series - Empowering youth towards Nation building Motivating 1 self.	Department of Physics Shift I, Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	One day	29th Sep21
14	National	Webinar-Future perspective of Hybrid Supercapacitor for Green Revolution.	Nehru Institute of Engineering and Technology -Coimbatore.	Two days	07th Oct21
15	Regional	Next generation materials and devices.(Online FDP -six days)	AMET University Chennai	Six days	13th Dec21
16	Regional	Pasumai vikatan "Terrace Gardening	Dept. of Horticulture TN-Enviro club- Dept. of Botany Dwaraka Doss Goverdhan Doss Vaishnav college, Chennai	One day	Oct 2022

17	Regional	Faculty development programme	FDP Cell, IQAC, DDGD Vaishnav college, Chennai.	Five days	14-18 June 2023
18	National	New IPR e-Workshop	Innovative Technology Enabling Centre CSIR -IMMT- Bhuvaneshwar	Five days	12 June 2023

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	National	Advances in Physics NSAP(2011	A Dynamic natural source beyond metal soil – Eco-friendly novel conductor	Department of Physics Manonmanium Sundaranar University, Tirunelveli.	March 2011
2	International	Advanced Materials and its Application (ICAMA-2011)	An Eco friendly soil cell	Department of Physics and Chemistry, Kalasalingam University, Srivilliputhur	March 2011
3	International	Research: Perspectives and Procedures-2012-	“Electrical conductivity of soil and characteristics” (Oral presentation)	SDNB Vaishnav College for Women, Chrompet, Chennai.	2012

4	International	Emerging Trends and Challenges in Science and Technology	“Characteristics study of Organic matter in– Saline Soil”	Bhaktavatsalam Memorial College for Women, Korattur, Chennai	March 2013
5	National	Technical Seminar in Applied Science and Engineering	Electrical conductivity study of Marina beach soil	Science and Humanities Association, St. Peter’s University, Avadi, Chennai	6 th March 2014
6	National		Tamil Conference “Bhakthi Illakiyangal Oru Panmuga Parvai” – Vallalar Potrum Manniyal Sakthigal-	Department of Tamil, DDGD Vaishnav College, Chennai.	
7	National	Frontier Avenues in Chemistry and Environment	Structural characterization and Electrochemical Impedance spectroscopy study of Tamira barani River soil”	PG & Research Department of Chemistry DDGD Vaishnav College , Chennai	2015
8	National	Tamil conference	Siddhar Illakiyangal	Department of Tamil, DDGD Vaishnav	Dec.2016
			Panmuga Parvai”-	College, Chennai,	
9	International	Tamil Conference	Seeyviyal Illakiyangal Panmuga Parvai	Department of Tamil, DDGD Vaishnav College Chennai.	.March 2017.

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	Special invited Talk.	Paavai Vizha(online)	Department of Tamil,- Dwaraka Doss Goverdhan Doss Vaishnav College, Chennai	Janaury 1 1 2022
2	Special invited Talk	National Youth Day Celebration NSS cell	Dwaraka Doss Goverdhan Doss Vaishnav College,	Janaury 1 2 2022
3	Science exhibition- Chief Guest-Resoure person.	Akhil Bharatiya Vigyan Mela	Dr.Nalli Kuppuswami- Vivekananda Vidyalaya Junior College, Korattur, Chennai.	August 18- 2023
4	Organising Secretary-	EVS- Field Visit for I&III BSc Physics Students.	Adayar Eco Park. (Tholkappia poonga, Chennai.	August 17 - 2023

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, Month and Year
1	"NEYA"	Mannil irundu minsaram		September 2008
2	Ariviyal Olie	Mannil minnum minsakthi		January 2013, and 2014
3	Arivukkan	Michael Faraday.	Arivukkan Khan 8th st Thousand	June /July-2017
			Lights, Chennai 600006	
4	Arivukkan	Life history of Madam Curie Athisayam Ariviyal Athisayam –Marie Curie Archemedes		August September, December 2017,2021and February2018
5	Arivukkan	Abdul Kalam Tycho Brahe-, Nicholo Tesla.		January 2022 February -2022, April 2022
6	Arivukkan	C.V. Raman, Krishnan, G.N.Ramachandran		August 2022, November 2022
7	All India Radio Chennai.	Science talk lets in Tamil – Different fields of science with focus on recent trend		10th Dec- 14th Dec 2014 21th Sep- 25th Sep 2015 18th July- 22nd July 2016, 2018

8	Muthamil Aringar Translation Scheme	Venkatraman series- Physics-"The Big and the Small- Volume 1- Chapter 12- translated -Tamil	TamilNadu Text Book Educational Society,Colleg e Road,Chennai.	2021-2022
9.	Kaviyula- poetry	Ezhutharivikkum Iraivan- (Aasiriyar)	NDLI club, Department of Tamil, Dwaraka Doss Goverdhan Doss Vaishnav College, Arumbakkam, Chennai	November 2022 ISBN number: 101921
10.	Elakkia Thalathil Ariviyal thedal.-Book Publication.	Literature Research Article	JOTHI PUBLICATION S,Chennai.	February 2023, ISBN:978-81- 958085-9-5

17	Details of individual/collaborative MAJOR/MINOR research project undertaken:					
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S.No	Title of the Project	Name & Address of the Collaborating Faculty	Funding Agency	Fund Sanctioned	Period	Duration

18	Details on RESEARCH GUIDANCE:					
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S.No	Type (FT/PT)	Name of the candidate	Title of the Dissertation	University	Status

19	Details of papers published in JOURNALS:						
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S.No	Journal Type (National/International)	Name of the Journal	Title of the article	Name of the Co-authors	Vol No, Issue No, Page Nos. ISSN No/DOI	Month and year of Publication	Impact Factor/SI/Scopus (if any)
1	International	Journal of Physical Science – Ultra Scientist,	“Electrical Conductivity of Riverbedsoil	K. Selva Kothai Nachiyar, B. Annadurai	Vol.24(2)B,257-260(2012) ISBN: 2231-3478).	19th June 2012	0.036/2011
2	National	1. Asian Journal of MicroBiol. Bitech.Env. Sc.	Determination of Electrical Conductivity Study of Red Soil”	K. Selva Kothai Nachiyar, B. Annadurai	Vol 15, No (4):2013 : 709-712 ,	April 2013	

3	National	Asian journal of Chemical and Environmental Research	“Synthesis and Characterisation of Coastal Soil as an Electrolyte	K. Selva Kothai Nachiyar, B. Annadurai	Vol. 6, No: 3 Ref.No. acjer /149/13)	October 2013	
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20 Details of AWARDS received:			
S.No	Title of the Award	Awarding Agency / University / Government	Month/Year
1	Presented paper and won first prize, best exhibit award at the state level seminar on current advancement in physics exhibition and competition	Department of Physics St. Johns College, Palayamkottai, Tirunelveli	2006

2	Recognition of Doctoral Degree, Ten thousands cash award and released stamp	Sri Jayendra Silver Jubilee Matric. Hr.Sec. School, Maharaja Nagar, Tirunelveli	January 2017
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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
1.	INDIAN LASER ASSOCIATION	Life Membership	ID 3119	30-01-2023

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POSITIONS HELD in this institution:			
S.No.	Institution/Department Level	Position	Duration
1	NAAC Committee- Dwaraka Doss Goverdhan DossVaishnav College, Chennai	Criteria-II Member	2020-2022