



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:12-09-2025

Department	PHYSICS	Application No.	2025010412
Area of Research	COSMOLOGY, ASTRO PHYSICS, THIN FILMS, NANO TECHNOLOGY	Research Mode	PART TIME

Name :SIVASHANTHINI K G
Date of Birth / Age :06-08-1987 / 38 Years
Gender :FEMALE
Category :MBC
e-Mail ID :benoshanthini@gmail.com
Mobile :0568723076



Father's/Husband's Name	BENO	Father's/Husband's Occupation	SUPERVISOR IN ATANA HOTEL, DUBAI
Family Income	600000	Residential Type	RURAL
Birth Place	NAGERCOIL	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	MARRIED
Aadhaar No.	942578367331	PAN No.	FOTPS6050C
Physically Challenged	NO	Type of Disability	-

Address for Communication:
 1503, ALIYA TOWER A BLOCK
 AL NAHDA, SHARJAH
 SHARJAH
 SHARJAH DISTRICT
 TAMIL NADU
 UNITED ARAB EMIRATES
 Pin-00000

Permenant Address:
 3/1
 RAJIV NAGAR 1ST STREET
 ARUPPUKOTTAI
 VIRUDHUNAGAR DISTRICT
 TAMILNADU
 TAMILNADU
 Pin-629163

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
M.PHIL	PHYSICS	VHNSN COLLEGE	2014	87%	FIRST	REGULAR
M.SC	PHYSICS	DEVANGA ARTS COLLEGE	2011	88%	FIRST	REGULAR
B.ED	PHYSICAL SCIENCE	TNTEU	2009	77%	FIRST	REGULAR
B.SC	PHYSICS	DEVANGA ARTS COLLEGE	2008	77%	FIRST	REGULAR

Experience					
Organization	Designation	Experience From	Experience TO	Work Nature	
JSS PRIVATE SCHOOL, DUBAI	PGT PHYSICS TEACHER	2024-11-04	2025-09-11	TEACHER	
BUDS PUBLIC SCHOOL, DUBAI	PGT PHYSICS TEACHER	2022-08-15	2024-10-31	TEACHER	
UNITY PUBLIC SCHOOL	PGT PHYSICS TEACHER	2019-05-18	2022-05-15	TEACHER	
SIVAJI COLLEGE OF ENGINEERING	ASSISTANT PROFESSOR	2015-05-18	2017-06-15	ASSISTANT PROFESSOR	

Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
2025010412_251012141645	BAX6NRZ0Z1IPRU	12-10-2025	600	SUCCESS

RESEARCH PROPOSAL

Title :

Could Dark Energy Cause a Big Rip? Observational Constraints, Theoretical Models and End-Of – Universe Scenarios

Objective of the Proposal :

We propose a combined theoretical, computational and observational investigation into the viability of the “ Big Rip” scenario, in which phantom dark energy (equation of state Parameter ($\omega < -1$) causes the cosmic scale factor to diverge in finite proper time, destroying bound structures from galaxy clusters down to atoms. The project will

derive robust analytic conditions for a finite time singularity under general dark energy parametrizations ,

perform cosmological simulations to track structure disruption under phantom expansion histories and

constrain the relevant parameter space with present and near-term observations (Type Ia supernovae, BAO,CMB, redshift space distortions and standard siren gravitational wave measurements).

The work will produce updated limits on w and its time dependence, simulated timelines for disassembly of bound systems as a function of dark – energy parameters and observational strategies to decisively rule in /out parameter regions leading to a Big Rip within astrophysically relevant timescales.

Back ground and Motivation:

Dark energy drives the accelerated expansion of the universe. The simplest model Λ CDM uses a cosmological constant with $\omega = -1$.

If dark energy is “ phantom “ with constant $\omega < -1$, the energy density increases with time and the scale factor can diverge at a finite future time ,the so called Big Rip.

Determining whether a Big Rip is possible requires both (i) precise constraints on w and its evolution and (ii) physical modelling of how accelerated expansion disrupts bound systems. This Project unites both.

Key Research Questions :

What is the time line (relative to today) for disruption of structures : galaxy clusters \rightarrow galaxies \rightarrow solar systems \rightarrow planets \rightarrow molecules \rightarrow atoms?

What current or near term observations can decisively rule out parameter regions that produce astrophysically relevant Big rip timescales

How robust are these results when including inhomogeneities, back reaction, and non trivial dark energy dynamics?

Expected Outcomes :

Analytic Paper : Conditions for finite-time cosmic singularities under general dark- energy parameterizations.

Observational constraints Paper : updated credible regions on dark – energy parameters and explicit probability that a Big Rip occurs before specified times (eg ., 1 Gyr, 10 Gyr, 100 Gyr)

Simulation study : sequence of N body / hydro experiments showing structural disruption stages; timelines for gravitational un binding of typical clusters, galaxies, and planetary systems for benchmark phantom models.

Policy/forecast brief: which near term surveys will most strongly constrain the Big – Rip parameter region.

Public dataset and code repository with simulation snapshots, analytic scripts and posterior samples.

Reference:

1. Riess, A. G. et al. (1998). *Observational Evidence from Supernovae for an Accelerating Universe and a Cosmological Constant*. *Astronomical Journal*, 116, 1009.

2. Perlmutter, S. et al. (1999). *Measurements of Ω and Λ from 42 High-Redshift Supernovae*. *Astrophysical Journal*, 517, 565.
[DOI: 10.1086/307221]

3. Caldwell, R. R. (2002). *A Phantom Menace? Cosmological consequences of a dark energy component with super-negative equation of state*. *Physics Letters B*, 545, 23–29.



அறிவியற் புலம்
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

சிவசுந்தரி. க. க.

இப்பல்கலைக்கழகத்தில் இணைந்த

தன்னாட்சிக் கல்லூரியான விருதுநகர் இந்து நாடார்களுக்குப் பரத்தியமன செந்திக்குமார நாடார்க் கல்லூரி,
விருதுநகர்

விதித்திருந்த பாடப் பயிற்சியினையும் தேர்வினையும் நன்கு முடித்த பின்னர் ஏப்பிரல் 2014 இல் நடைபெற்ற தேர்வில்

முதல் வகுப்பு

பெற்று தேர்வுற்றார் எனக் கல்லூரித் தேர்வு ஏற்புக்குழு பரிந்துரைத்தவாறு,

இயற்சியல் சிசுவில் மெய்ப்பெருளியல் நிறைஞர் பட்டம்

பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY

hereby makes known that SIVASHANTHINI K G has been admitted to the

DEGREE OF MASTER OF PHILOSOPHY IN PHYSICS

he/she having successfully completed the course of studies and examination prescribed therefor by the

VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE

(an Autonomous College of this University) and upon the recommendation by the College Awards Committee and

having been placed by them in the FIRST CLASS

at the Examination held in APRIL 2014

Register No. : 135MPH009

Centre Code : 630



He/She has passed the Viva Voce
Examination in 14/08/14

Given under the seal of the University

பல்கலைநகர், மதுரை - 625 021

Palkalainagar, Madurai - 625 021

நாள் Dated

28 October 2014

ச.புலி
தேர்வாணையர்
Controller of Examinations

பதிவுாளர்
Registrar

துணைவேந்தர்
Vice-Chancellor

DIV
SAMPANNA

URE

ATTESTED

NOTARY PUBLIC
Entry No.



Debasis Biswal

DEBASIS BISWAL
Sub Divisional Magistrate (Shahdara)
District Shahdara
D.C. Office Complex, Nand Nagar,
New Delhi-110093



الإمارات العربية المتحدة
UNITED ARAB EMIRATES
Ministry of Foreign Affairs
وزارة الخارجية
والعلاقات الدولية

Date: 16/08/2022 09:31 التاريخ
No: 22123285916 رقم
Fee: AED 150 الرسوم - درهم إماراتي

نصافق على صحة ختم و توقيع
سفارة الإمارات العربية المتحدة - نيودلهي
دون تحمل اي مسؤولية تجاه المحتويات

15396486

सं० दिनांक
No. Date
जिला न्यायाधीश/सब डिविजनल मजिस्ट्रेट/
विवाह पंजीयक के हस्ताक्षर सत्यापित किये जाते हैं।
The Signature of District Judge/
Sub Divisional Magistrate/Registrar
of Marriage Attested.
विदेश मंत्रालय इस दस्तावेज के किसी भी विषय कब
जिम्मेदारी नहीं लेता।
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207757

18 AUG 2022

الإمارات العربية المتحدة
UNITED ARAB EMIRATES
Ministry of Foreign Affairs
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والعلاقات الدولية

Date: 10/08/2022 09:21 التاريخ
No: 22010114812 رقم
Fee: INR 3249.71 الرسوم - روبية هندية

نصافق على صحة ختم و توقيع
وزارة الخارجية الهندي
دون تحمل اي مسؤولية تجاه المحتويات

14704071



(सुनील चानप)
(SUNIL CHANAP)
अनुमति अधिकारी (अत्यापन / ओ.आई.)
Senior Officer - Attestation (O.I.)
C.P.V. Division
दिल्ली
Ministry of External Affairs, New Delhi

READ BY	S. Suman
EXAMINED BY	B. Vijayabaskar
SUPERINTENDENT	<i>[Signature]</i>
DEPUTY REGISTRAR	PM

20896800



கல்விப் புலம்
FACULTY OF EDUCATION



தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழக ஆட்சிக்குழு
2009 ஆம் ஆண்டு ஜூன் மாதம் நடந்த கல்வியியல் தேர்வில்
சிவஜாந்தினி கா.க என்பவர்
எழுத்துத் தேர்வில் தனிச்சிறப்புடன் கூடிய முதல் வகுப்பிலும், செய்முறைத் தேர்வில்
முதலாம் வகுப்பிலும் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள்
சான்றளித்தபடி, கல்வியியல் இளையர் என்னும் பட்டத்தை அவருக்குப்
பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **TAMILNADU TEACHERS EDUCATION UNIVERSITY**
hereby makes known that SIVA SHANTHINI K G
has been admitted to the Degree of **Bachelor of Education**, he / she having been
certified by duly appointed Examiners to be qualified to receive the same at the Examination
held in JUNE 2009 and having been placed in First Class with Distinction in the
Theory Examination and in First Class in the Practical Examination.



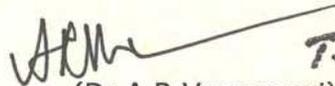
Given under the seal of the University.

சென்னை, இந்தியா
Chennai, India

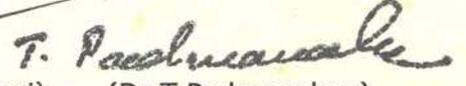
நாள்
Dated **07-04-2010**


(Dr. M. Jayakumar)

தேர்வாளையர்
Controller of Examinations


(Dr. A. R. Veeramani)

பதிவாளர்
Registrar


(Dr. T. Padmanaban)

துணைவேந்தர்
Vice-Chancellor

DIV
SDM MEA

UAE

ATTESTED

NOTARY PUBLIC
Entry No. 277



[Handwritten Signature]

DEBASIS BISWAL
Sub Divisional Magistrate (Shahdara)
District Shahdara
D.C. Office Complex, Nand Nagari,
New Delhi-110093



सं. वि. सं. /
No. Date
जिला न्यायाधीश/ज्य. डिविजनल मॅजिस्ट्रेट/
विवाह रोजीयक के हस्ताक्षर प्रत्यापित किने जाते है
The Signature of District Judge/
Sub Divisional Magistrate /Magistrate
of Marriage Attested.
विदेश मंत्रालय इस प्रसादेन के लिखी कि विषय वस्तु की
जिम्मेवारी नहीं लेता।
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8 AUG 2022



(सुनील चानप)
(SUNIL CHANAP)
Ministry of External Affairs, New Delhi

Prepared by	<i>[Signature]</i> CDC
Verified by	<i>S. Nalini</i> <i>R. Sumalatha</i>
Examined by	<i>[Signature]</i>

ppp6966
2022



அறிவியல் புலம்
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை

சிவஷாந்தினி. கா. க. இப்பல்கலைக்கழகத்தில் இணைந்த

தன்னாட்சிக் கல்லூரியான தேவாங்கா கலைக் கல்லூரி, அரூப்புக்கோட்டை

விதித்திருந்த பாடப் பயிற்சியினையும் தேர்வினையும் நன்கு முடித்த பின்னர் ஏப்பிரல் 2011 இல் நடைபெற்ற தேர்வில்

முதல் வகுப்பு பெற்று தேர்வுற்றார் எனக் கல்லூரித் தேர்வு ஏற்புக்குழு பரிந்துரைத்தவாறு,

இயற்சியல் சிசுவில் அறிவியல் நிறைவுப் பட்டம்

பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the MADURAI KAMARAJ UNIVERSITY hereby makes known that SIVASHANTHINI K G has been admitted to the

DEGREE OF MASTER OF SCIENCE IN PHYSICS

he/she having successfully completed the course of studies and examination prescribed therefor by the

DEVANGA ARTS COLLEGE, ARUPPUKOTTAI

(an Autonomous College of this University) and upon the recommendation by the College Awards Committee and

having been placed by them in the FIRST CLASS

at the Examination held in APRIL 2011

Register No. : 095103

Centre Code : 622

Given under the seal of the University



பல்கலைநகர், மதுரை - 625 021
Palkalainagar, Madurai - 625 021
நாள் Dated 28 March 2012

தேர்வாணையர்
Controller of Examinations

பதிவாளர்
Registrar in-charge

துணைவேந்தர்
Vice-Chancellor

T. S. S. S. S.
Convener, Syndicate Committee



அறிவியற் புலம்
FACULTY OF SCIENCE

மதுரை காமராசர் பல்கலைக்கழக ஆட்சிப்பேரவை
சிவஷாந்தினி. கர. க.

இயற்பியல் பிரிவில் அறிவியல் இளையர் பட்டம்

பெறுதற்குத் தகுதியுடையவர் என முறையாக அமைக்கப்பெற்ற தேர்வினோர் சூலை 2008 இல் நடைபெற்ற
தேர்வுகளில் சான்றளித்தவாறு, முதல் வகுப்பு

பெற்று இச்சான்றிதழ் பெறுதற்கு உரியவர் ஆகின்றார் என இதன்வழி அறிவிக்கின்றது.

பல்கலைக்கழக இலச்சினையுடன் இது வழங்கப்படுகின்றது.

The Senate of the **MADURAI KAMARAJ UNIVERSITY**

SIVASHANTHINI K G

hereby makes known that _____ has been admitted to the

DEGREE OF BACHELOR OF SCIENCE IN PHYSICS

he/she having been certified by duly appointed Examiners to be qualified to receive the same, and having been placed by

FIRST CLASS

JULY 2008

them in the _____ at the Examination held in _____

Register No. : A5114314

Centre Code : 301

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பல்கலைநகர், மதுரை - 625 021
Palkalainagar, Madurai - 625 021
நாள் Dated 12 November 2008

S. K. S. S. S.
தேர்வாணையர்
Controller of Examinations

J. S. S. S.
பதிவாளர்
Registrar

R. S. S. S.
துணைவேந்தர்
Vice-Chancellor



தமிழ்நாடு ஆசிரியர் கல்வியியல் பல்கலைக்கழகம்
Tamilnadu Teachers Education University
CHENNAI - 600 005



B.Ed. DEGREE EXAMINATION
STATEMENT OF MARKS

NAME OF THE CANDIDATE SIVA SHANTHINI K G			DATE OF BIRTH 06/08/1987		
REGISTER NO. 1090108BD065	MONTH & YEAR JUNE 2009	COLLEGE CODE 10901	DATE OF PUBLICATION 19/08/2009		
NAME OF THE SUBJECT	SUBJECT CODE	MARKS SECURED		TOTAL MAX MARKS SECURED	RESULT
		INT.	EXT.		
Core Subjects					
Education in Emerging Indian Society	BDAA	21	52	073	P
Psychology of Teaching and Learning	BDAB	23	53	076	P
Educational Innovations and Technology	BDAC	23	58	081	P
Elective Subject					
Environmental Education	BDED	24	44	068	P
Optional Subjects					
Physical Science - I	BPS1	21	48	069	P
English - I	BEN1	22	63	085	P
Total (Theory)				452	P
Practicals					
Group A - Teaching Practice				231	
Group B - Lesson Plans, Practical Records, Educational Technology and Tests & Measurements				130	
Group C - School & Community Based Activities				082	
Total (Group A + Group B + Group C)				443	P
Total					
Theory :		452 / 600			
Practical :		443 / 600			
--- End of the Statement ---					

	MARKS	INT.	EXT.	AGRE.
THEORY	MAXIMUM	25	75	100
	PASSING MINIMUM	-	34	50
PRACTICAL	MAXIMUM	-	-	600
	PASSING MINIMUM	-	-	300

OTHER ABBREVIATIONS

RA - Re-Appear
P - Pass
AA - Absent



[Handwritten Signature]

Controller of Examinations



DEVANGA ARTS COLLEGE (Autonomous)

(Affiliated to Madurai Kamaraj University, Re-accredited and Graded "A" by NAAC)

ARUPPUKOTTAI - 626 101, TAMIL NADU.

CHOICE BASED CREDIT SYSTEM

No. : 006109

CONSOLIDATED MARKS AND GRADE SHEET

M.Sc. PHYSICS



Name of the candidate SIVASHANTHINI K.G.	Register No. 095103	Exam. Month & Year Apr-2011	Date of Publication 26-Jun-2011
--	-------------------------------	---------------------------------------	---

Sem.	Course code	Course Title	Credit	Marks Secured			Grade Point	Grade	Result	M & Yr
				INT	EXT.	Total				
1	08PP11	Mathematical Physics - I	5	20	61	81	8.1	D+	PASS	N09
1	08PP12	Classical and Statistical Mechanics	4	25	69	94	9.4	O	PASS	N09
1	08PP13	Advanced Electronics	4	25	62	87	8.7	D++	PASS	N09
1	08PP1E	Computer Oriented Numerical Methods	4	24	62	86	8.6	D++	PASS	N09
1	08PP1R	Electronics - Practical - I	5	40	57	97	9.7	O+	PASS	N09
2	08PP21	Mathematical Physics - II	4	24	48	72	7.2	A++	PASS	A10
2	08PP22	Electromagnetic Theory	5	23	59	82	8.2	D+	PASS	A10
2	08PP23	Quantum Mechanics - I	5	24	47	71	7.1	A++	PASS	A10
2	08PP2E	Energy Physics & Environmental Science	4	24	57	81	8.1	D+	PASS	A10
2	08PP2R	Non-Electronics - Practical II	5	40	60	100	10.0	O+	PASS	A10
3	08PP31	Solid State Physics - I	4	25	67	92	9.2	O	PASS	N10
3	08PP32	Nuclear Physics	4	24	64	88	8.8	D++	PASS	N10
3	08PP33	Quantum Mechanics - II	5	22	59	81	8.1	D+	PASS	N10
3	08PP3E	Programming in C++	4	25	62	87	8.7	D++	PASS	N10
3	08PP3R	Electronics - Practical - III	5	40	60	100	10.0	O+	PASS	N10
4	08PP41	Nano Science	5	22	62	84	8.4	D+	PASS	A11
4	08PP42	Solid State Physics - II	5	24	62	86	8.6	D++	PASS	A11
4	08PP43	Molecular Spectroscopy	4	23	56	79	7.9	D	PASS	A11
4	08PP4E	Microprocessor	4	23	59	82	8.2	D+	PASS	A11
4	08PP4R	Non-Electronics - Practical IV	5	40	60	100	10.0	O+	PASS	A11

<< End of Statement >>

CUMULATIVE PERFORMANCE

CREDITS EARNED	GRADE POINTS	CGPA	CLASS & GRADE	SECURED	MAXIMUM	%
90	780.20	8.67	FIRST CLASS D++	1730	2000	86.50

Medium of the Instruction : English

ELIGIBLE FOR M.Sc. PHYSICS DEGREE - Apr-2011

Siva Shanthini K.G.

Signature of the Candidate

Dr. B. RAVIKUMAR

PRINCIPAL

D. GANESAN

CONTROLLER OF EXAMINATIONS



VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE

(An Autonomous Institution affiliated to Madurai Kamaraj University and Reaccredited with 'A' Grade by NAAC)

VIRUDHUNAGAR - 626 001, TAMIL NADU

M.Phil. Physics

S. No. A 01514

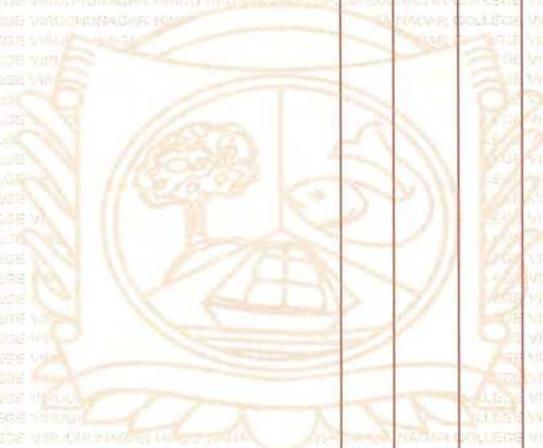
CONSOLIDATED STATEMENT OF MARKS AND GRADES



NAME OF THE CANDIDATE	REGISTER NO.	MONTH & YEAR OF EXAM.	DATE OF PUBLICATION
SIVASHANTHINI K G	13SMPH009	APR. 2014	14/08/2014

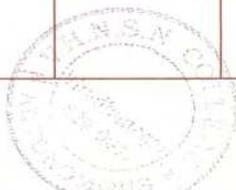
SEMESTER	COURSE CODE	COURSE DESCRIPTION	CREDIT	MAXIMUM		MARKS SECURED		TOTAL	GRADE POINT	GRADE	RESULT	M & Yr. of Passing
				INTERNAL	EXTERNAL	INTERNAL	EXTERNAL					
1	M1 PHC 11	Research Methodology and Characterization Techniques	5	40	60	39	55	94	9.40	O	P	N13
1	M1 PHC 12	Advanced Topics in Condensed Matter Physics	5	40	60	39	47	86	8.60	D++	P	N13
1	M1 PHE 13	Optoelectronics	5	40	60	39	49	88	8.80	D++	P	N13
2	M1 PH2 PV	Dissertation & Viva Voce *** END OF STATEMENT ***	15	--	200	--	168	168	8.40	D+	P	A14

The candidate has passed the VIVA - VOCE on 14/08/2014



CUMULATIVE PERFORMANCE

CREDITS EARNED	WGPT	CGPA	CLASS	% OF MARKS
30	260.00	8.67	FIRST	87.2



(Dr. P. Sundara Pandian)
PRINCIPAL

(R. Palaniappan)
CONTROLLER OF EXAMINATIONS

SIGNATURE OF THE CANDIDATE

OFFICE SEAL

CONTROLLER OF EXAMINATIONS



MADURAI KAMARAJ UNIVERSITY

B Sc PHYSICS (SEMESTER)

STATEMENT OF MARKS

SSG 30025968

NAME OF THE CANDIDATE		REGISTER NO.	CENTRE NO.	COLLEGE OF STUDY		EXAM M & YR	DATE OF PUBLICATION												
SIVASHANTHINI K G		A5114314	301	DEVANGA ARTS COLLEGE - ARUPPUKOTTAI		JUL 2008	20-AUG-2008												
SUB CODE	SUBJECT DESCRIPTION	MAX MARKS			MARKS OBTAINED			SUB CODE	SUBJECT DESCRIPTION	MAX MARKS			MARKS OBTAINED						
		E	T	I	E	T	R			M&YR	E	T	I	E	T	R	M&YR		
1A1	TAMIL PAPER - I	--	100	100	--	064	064	P	N05	PPT	MAJOR PRACTICAL IV (ELECTRONICS)	--	100	100	--	100	100	P	A08
1A2	TAMIL PAPER - II	--	100	100	--	055	055	P	A06	PPX	PROJECT/AREA STUDY / FIELD WORK	--	100	100	--	100	100	P	A08
1A3	TAMIL PAPER - III	--	100	100	--	050	050	P	N06	PXA	MECHANICS, PROPERTIES OF MATTER, SOUND & THERMAL PHYSICS	--	100	100	--	077	077	P	N05
1A4	TAMIL PAPER - IV	--	100	100	--	040	040	P	A07	PXB	ELECTRICITY & ELECTROMAGNETISM	--	100	100	--	091	091	P	A06
3A1	ENGLISH PAPER - I	--	100	100	--	057	057	P	N05	PXC	COMPUTER PROGRAMMING IN C	--	100	100	--	075	075	P	N06
3A2	ENGLISH PAPER - II	--	100	100	--	068	068	P	A06	PXD	OPTICS & SPECTROSCOPY	--	100	100	--	083	083	P	A07
3A3	ENGLISH PAPER - III	--	100	100	--	052	052	P	N06	PXE	ELEMENTS OF THEORETICAL PHYSICS	--	100	100	--	081	081	P	N07
3A4	ENGLISH PAPER - IV	--	100	100	--	057	057	P	A07	PXF	ELECTRONICS-I	--	100	100	--	070	070	P	N07
5C1	INORGANIC, ORGANIC AND PHYSICAL CHEMISTRY	--	50	50	--	037	037	P	N06	PXG	ATOMIC & NUCLEAR PHYSICS	--	100	100	--	044	044	P	A08
5C2	INORGANIC AND ORGANIC CHEMISTRY	--	50	50	--	035	035	P	A07	PXH	ELECTRONICS-II	--	100	100	--	066	066	P	A08
5C3	INORGANIC AND PHYSICAL CHEMISTRY	--	50	50	--	042	042	P	N07	GKL	PART IV - GENERAL KNOWLEDGE	--	100	100	--	062	062	P	N07
5C4	ORGANIC & PHYSICAL CHEMISTRY	--	50	50	--	032	032	P	J08	4EN	PART V - ENVIRONMENTAL STUDIES	--	100	100	--	051	051	P	A08
5CQ	ANCILLARY CHEMISTRY PRACTICAL-I	--	40	40	--	040	040	P	A07		<<< END OF STATEMENT >>>								
5CR	ANCILLARY CHEMISTRY PRACTICAL-II	--	60	60	--	060	060	P	A08										
AMA	MATHEMATICS PAPER I	--	75	75	--	027	027	P	N05										
AMB	MATHEMATICS PAPER II	--	75	75	--	027	027	P	A06										
AMC	MATHEMATICS PAPER III	--	75	75	--	057	057	P	N06										
AMD	MATHEMATICS PAPER IV	--	75	75	--	055	055	P	A07										
PPQ	MAJOR PRACTICAL I	--	100	100	--	092	092	P	A06										
PPR	MAJOR PRACTICAL II	--	100	100	--	080	080	P	A07										
PPS	MAJOR PRACTICAL III(NON-ELECTRONICS)	--	100	100	--	100	100	P	A08										
CLASS	PART I - SECOND PART II - SECOND PART III - FIRST	TOTAL MARKS			PART I - 0209/400 PART II - 0234/400 PART III - 1471/1900														

PASSING MINIMUM - 35%

K.G. Siva Shanthini
Signature of the Candidate

S. Shanmugiah

Any alteration or overwriting makes this Statement of Marks Invalid.

Dr S SHANMUGIAH
Controller of Examinations



VIRUDHUNAGAR HINDU NADARS' SENTHIKUMARA NADAR COLLEGE
(An AUTONOMOUS and CO-EDUCATIONAL Institution)

Virudhunagar District, Tamilnadu
Re-accredited with 'A' Grade by NAAC

TRANSFER & CONDUCT CERTIFICATE

Serial No : 02733

Admission No : S6693

1. Name of the Student : **SIVASHANTHINI K G**
2. Name of the Father : **KARTHIGAI GANESAN**
3. Religion, Community & Caste : **HINDU, MBC, JOGI**
4. Date of Birth as entered in the Admission Register : **06-08-1987 SIX**
in figures and words **AUGUST NINETEEN EIGHTY SEVEN**
5. Personal Marks of Identification a) **A MOLE ON THE RIGHT FORE HEAD**
b) **A MOLE ON THE LEFT CHIN**
6. Date of Admission as entered in the Admission Register : **13-06-2013 , TWO THOUSAND THIRTEEN**
(the year to be entered in words) and Class Admitted **FIRST YEAR**
M.PHIL PHYSICS (SELF)
7. Class in which the student was studying at the : **FIRST YEAR**
time of leaving(in words) **M.PHIL PHYSICS (SELF)**
8. Whether qualified for promotion to a higher class : **REFER HER MARK STATEMENT**
9. Whether student has paid all the fees due : **Yes**
10. Date on which the student actually left the college : **30-04-2014**
11. Nature of Conduct & Character : **Good**
12. Date of Application for transfer certificate was made : **15-10-2014**
13. Date of Transfer Certificate : **15-10-2014**

Date : **15 OCT 2014**

Principal
PRINCIPAL
VIRUDHUNAGAR HINDU NADARS
SENTHIKUMARA NADAR COLLEGE
(AUTONOMOUS)
VIRUDHUNAGAR



Buds Public School

Affiliated to C.B.S.E. New Delhi. Affiliation No.: 6630037

P.O. Box. 12861, Dubai, United Arab Emirates

+97142888143 info@budsdxb.ae www.bpsdubai.ae

EXPERIENCE LETTER

This is to certify that **Sivashanthini Karthigai Ganesan** has been employed as a Physics Teacher at **Buds Public School** from 15/08/22 to 4/11/24. During this period, she has been responsible for teaching Physics to senior secondary classes (Grades 11 and 12).

Sivashanthini has demonstrated a thorough understanding of the subject matter and consistently delivered high-quality lessons that aligned with the school's academic standards. She took the responsibility of creating a stimulating and conducive learning environment for students and encouraged them to develop their scientific inquiry skills and critical thinking.

In addition to her academic contributions, **Sivashanthini** was actively involved in extracurricular activities and student mentoring. She built strong rapport with students, parents, and colleagues, contributing significantly to the overall academic and personal growth of students.

We found **Sivashanthini** to be dedicated, hardworking, and highly professional in her approach to teaching. Her passion for Physics and commitment to excellence in education have been invaluable to our school.

We wish **Sivashanthini** all the best in her future endeavours and have no hesitation in recommending her for any future teaching position.

Regards


17/10/24

Donald Errol Weilson



Unity Public School

(Affiliated to CBSE upto Class XII, Affiliation No. 1930241)

No. 109, Lake View Road, Kottur, Chennai - 600 085.

Ph : 91-44-2445 1233 / 4266 4333

Email : unitypublic@unityschool.in www.unitypublicschool.com

22.04.2022

SERVICE CERTIFICATE

Name : K G SIVASHANTHINI
Designation : PGT
Period of service : 02/08/2021 to 22/04/2022
Last Drawn Monthly Salary : ₹ 25000/-


Principal



GEETHA MATRICULATION HIGHER SECONDARY SCHOOL

(Affiliated to the State Board of Tamil Nadu)

May 29, 2020

SERVICE CERTIFICATE

This is to certify that Ms. SIVA SHANTHINI K G has worked as Higher Secondary Physics Teacher in this school from June 2019 to April 2020.

We wish her all success.

For Geetha Matriculation Hr Sec School

Correspondent.





M.R. MATRICULATION HIGHER SECONDARY SCHOOL

(Recognised by the Govt. of Tamilnadu)

Phone : 24798941
24798691
7418034591
7418009037

Date :

Date: 22.03.2022

SERVICE CERTIFICATE

This is to certify that Mrs. K.G. SIVASHANTHINI., M.SC., B.Ed.,
M.Phil. has worked as a PGT Physics Teacher in our school from
01/08/2020 to 30/04/2021. On her request, she was relieved from her
duties on 30/04/2021.


22/03/2022

PRINCIPAL
M.R. MATRIC HR. SEC SCHOOL
No 69, Nerkundram Road,
Mettukuppam Chennai - 107

No. SCET/ STAFF/ 2016

23/10/2016

EXPERIENCE CERTIFICATE & RELIEVING ORDER

This is to certify that **Ms.Sivashanthini.K.G** had worked in this college as an **Assistant Professor in Humanities and Science Department** from 18/05/2015 to 06/05/2016 and upon submission of resignation she has been relieved in the a.n. of 06/05/2016.




PRINCIPAL

Principal
Sivaji College of Engineering
& Technology, Manivila
Kanyakumari District

आयकर विभाग

INCOME TAX DEPARTMENT



सत्यमेव जयते

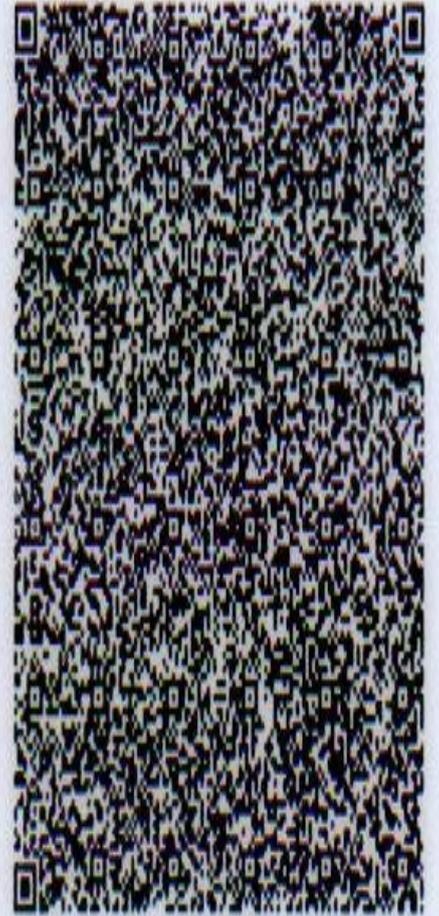
भारत सरकार

GOVT. OF INDIA



स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

FOTPS6050C



नाम/ Name

K G SIVASHANTHINI

पिता का नाम/ Father's Name

KARTHIGAIGANESAN

27012024

जन्म की तारीख/
Date of Birth

06/08/1987

हस्ताक्षर/ Signature



India Driving Licence(Tamilnadu)
Form 7

DOI 27/05/2010

D.L.No : TN75 20100005052
Name : SIVASHANTHINI K G
S/D/W of : S BENO
Address :
2/59, POOVANVILAI VEEDU
CHANDAVILAI, VILAVANCODE
MADICHEL PO, K K DIST 629163
Temp.Addr:



D.O.B : 06/08/1987 B.G :

Punishments:

Licensed to drive throughout India, vehicles of the following descriptions
M/CYCL. WOG 27/05/2010 TN75

Non-Transport Veh. Valid upto - 26/05/2030



Siva Shanthini K.G

Signature/L.T.I
of the Holder

[Handwritten Signature]
27/5/2010
Asst Licensing Authority
RTO, MARTHANDAM

R.Dis. 103/2003 200 dt.

MBC

சான்றிதழ் எண் :
Certificate No. :
 மாவட்டக் குறியீடு எண் :
District Code :
வட்டக் குறியீடு எண் :
Taluk Code :
கிராமக் குறியீடு எண் :
Village Code :

1	7
0	4
0	11

2515635

சாதிச் சான்றிதழ்

COMMUNITY CERTIFICATE

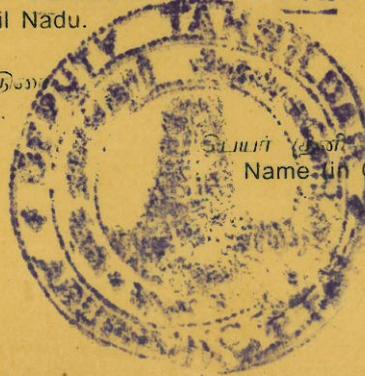
விருதுநகர் மாவட்டம் அரூப்பக்கோட்டை வட்டம்
பாளையம்பட்டி கிராமம்/நகரம், திரு. / திருமதி / செல்வி/
செல்வன் K. G. சிவசுந்தர் தகப்பனார்/கணவர்
பெயர் தார்த்தக தகைகம், 31 ராஜிவ் ராஜ்
பெயர்

வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும்
மிகவும் பிற்பட்ட பிரிவின் நலத் துறை, நாள் 19-7-1994 வரிசை எண் 155 படி
மிகவும் பிற்பட்ட பிரிவினைச் சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that K. G. SIVASHANTHINI Son / Daughter
of Thiru. Karthikeyan of Palayampatti
Village / Town, ARUPPUKOTTAI Taluk
VIRUDHUNAGAR District of the State of Tamil Nadu belongs to
Hindu S.C.C. Community, which is recognised as
a Most Backward Class as per Government Order (Ms.) No. 28, Backward
Classes and Most Backward Classes Welfare, dated 19th July 1994. vide
Serial No. 155

2. திரு. திருமதி / செல்வன் / செல்வி K. G. சிவசுந்தர் என்பவரும்
அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் விருதுநகர்
மாவட்டத்தில் அரூப்பக்கோட்டை வட்டத்தில் பாளையம்பட்டி கிராமத்தில் /
நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt/Selvan/Selvi K. G. Sivasanthini and
his/her family ordinarily reside(s) at Palayampatti Village/
Town ARUPPUKOTTAI Taluk VIRUDHUNAGAR District of
Tamil Nadu.

முத்திரை
Seal.கையொப்பம் :
Signatureநாள் :
Dateபெயர் (முன் எழுத்துக்களில்)
Name (in Capital Letters)பதவி :
Designation
 2732003
Lonal Deputy Tahsildar
ARUPPUKOTTAI

