KALASALINGAM
ACADEMY OF RESEARCH AND EDUCATION
(DEEMED TO BE UNIVERSITY)
Under sec. 3 of UGC Act 1956. Accredited by NAAC with "A" Grade

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

APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:28-03-2025

Department	PHYSICS	Application No.	2025010118
Area of Research	MEDICAL PHYSICS	Research Mode	PART TIME

Name :NIVETHA

Date of Birth / Age :04-07-1994 / 30 Years

Gender :FEMALE

Category :MBC

e-Mail ID :nivi9447@gmail.com

Mobile :7049072595

Father's/Husband's Name	ATHITHYA KUMARAN	**Father's/Husband's Occupation**	SOFTWARE ENGINEER
Family Income	$83,000	**Residental Type**	RURAL
Birth Place	RAMANATHAPURAM	**Mother Tongue**	TAMIL
Religion	HINDU	**Martial Status**	MARRIED
Aadhaar No.	292559563547	**PAN No.**	BPMPN9790J
Physically Challenged	NO	**Type of Disability**	-

Address for Communication:
APT-102
8619 DREAM STREET
CHARLOTTE
NC DISTRICT
NORTH CAROLINA
UNITED STATES
Pin-28262

Permenant Address:
4/274
BARUTHULLAH NAGAR
ANANDHUR
RAMANATHAPURAM DISTRICT
TAMILNADU
INDIA
Pin-623401

Qualification

Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.SC	PHYSICS	HOLY CROSS COLLEGE	2014	71	FIRST CLASS	REGULAR
M.SC	MEDICAL PHYSICS	DR.NGP ARTS AND SCIENCE COLLEGE	2016	79.5	FIRST CLASS WITH DISTINCTION	REGULAR

Experience

Organization	Designation	Experience From	Experience TO	Work Nature
KOVAI MEDICAL CENTER AND RESEARCH CENTER	RESIDENT MEDICAL PHYSICIST	2016-12-05	2017-12-05	CLINICAL MEDICAL PHYSICIST
MANGALORE INSTITUTE OF ONCOLOGY	JUNIOR MEDICAL PHYSICIST	2018-03-23	2019-08-30	CLINICAL MEDICAL PHYSICIST
OMEGA HEALTH CARE	JUNIOR MEDICAL PHYSICIST	2019-09-16	2020-03-05	CLINICAL MEDICAL PHYSICIST

Payment Details

Transaction ID	Reference	Date of transaction	Amount	Status
2025010118_250404204817	BHD5CP80HHHFG9	04-04-2025	600	SUCCESS

Title: ***Nanoparticles as Radiosensitizers***

1. Introduction

Radiotherapy (RT) play an important role in cancer treatments. However, one of the challenges in radiotherapy is ensuring that the maximum radiation dose is delivered to the tumor while minimizing damage to surrounding healthy tissue. The introduction of nanoparticles as radiosensitizers has emerged as a promising approach to overcome this challenge. Nanoparticles, especially those with high atomic numbers, can increase the absorption of radiation by the tumor, thus enhancing the radiation dose delivered to cancer cells. This process can help improve the therapeutic outcomes of RT by increasing the efficacy of radiation treatment.

Nanoparticles, such as superparamagnetic iron oxide nanoparticles (SPIONs)have shown potential to enhance radiation-induced damage to tumor cells. Citrate-coated SPIONs act as excellent radiosensitizers and enhance the generation of reactive oxygen species (ROS).

The aim of this research is to investigate the role of nanoparticles, specifically SPIONs, as radiosensitizers in enhancing the effects of radiotherapy. The study will focus on understanding the physical and biological mechanisms behind radiosensitization, including the generation of reactive oxygen species (ROS) and DNA damage in cancer cells.

2. Research Objectives

1. To investigate the physical and biological mechanisms through which nanoparticles act as radiosensitizers in radiotherapy.
2. To analyze the effect of nanoparticles, specifically SPIONs, on radiation-induced DNA damage (single- and double-strand breaks) in cancer cells.
3. To evaluate the impact of nanoparticle concentration and coating on the radiosensitizing effects.
4. To assess the dose enhancement factor of nanoparticles in radiotherapy, both for high- and low-energy photon radiation.

3. Hypotheses

1. The presence of SPIONs in radiotherapy will enhance DNA damage in cancer cells, leading to greater cell death compared to radiation alone.
2. Nanoparticles with a higher concentration and proper surface coating will result in increased radiosensitization.
3. The interaction of nanoparticles with ionizing radiation will produce a higher dose of radiation at the tumor site, improving tumor-targeting while sparing healthy tissues.
4. The degree of radiosensitization will depend on the nanoparticle's physicochemical properties, such as size, charge, and coating.

4. Methodology

a. Nanoparticles Selection
Superparamagnetic iron oxide nanoparticles (SPIONs) will be chosen for their potential to enhance radiation effects. SPIONs will be synthesized with different sizes, surface coatings (e.g., citrate, polyethylene glycol), and concentrations to test their radiosensitizing properties.

b. In Vitro Experimentation

1. **DNA Damage Assessment**: The plasmid DNA assay will be used to assess DNA damage, including single- and double-strand breaks, as indicators of radiosensitization.
2. **Reactive Oxygen Species (ROS) Measurement**: ROS generation will be measured using fluorescent probes to assess the role of nanoparticles in enhancing radiation-induced oxidative stress.

c. Data Analysis

1. **Dose Enhancement Factor**: The efficiency of RT will be analyzed by calculating the dose enhancement factor (DEF) for each treatment group.
2. **Statistical Analysis**: The data will be analyzed using statistical software to determine significant differences between the control and experimental groups.

5. Expected Results

1. The presence of SPIONs in cancer cells will lead to increased DNA damage, including both single- and double-strand breaks.
2. SPIONs will enhance the biological efficiency of radiation, leading to higher cell death in cancer cells.
3. The radiosensitization effect will be stronger at higher concentrations of SPIONs, with the optimal concentration determined based on dose enhancement factors.
4. The coating of SPIONs (e.g., citrate or polyethylene glycol) will influence the degree of radiosensitization, potentially due to altered interactions with cells and radiation.
5. Nanoparticles will enhance radiation effects at both low- and high-energy photon doses, with a greater effect expected at higher radiation energies due to the increased atomic number of SPIONs.

6. Implications of the Study

This research will provide valuable insights into the potential of nanoparticles as radiosensitizers in cancer treatment. By improving the delivery of radiation to tumor cells and reducing damage to healthy tissues, nanoparticle-based radiosensitization could significantly improve the therapeutic outcomes of radiotherapy. The findings of this study could also pave the way for the development of new nanoparticle formulations and strategies for more efficient and targeted cancer therapies.

Furthermore, this research may contribute to a better understanding of the biological mechanisms underlying radiosensitization, including ROS generation and DNA

damage. It could also establish guidelines for optimizing nanoparticle characteristics (e.g., size, surface coating) to enhance radiosensitization in clinical applications.

8. Conclusion

The use of nanoparticles as radiosensitizers holds great promise for improving the efficacy of radiotherapy in cancer treatment. This research aims to investigate the mechanisms by which nanoparticles enhance radiation-induced damage to tumor cells and to assess the potential of nanoparticle-based strategies to improve cancer treatment outcomes. The findings could contribute significantly to the development of more effective and targeted therapies for cancer patients.

Reg No: 14SM0007

பாரதியார் பல்கலைக் கழகம்
Bharathiar University

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதியார் பல்கலைக் கழகம் ஏப்ரல் 2016-ஆம் ஆண்டு நடந்திய
மதிப்பு இயற்பியல் தேர்வில் தேர்வாளர்கள் சான்றளித்ததை ஏற்று
அறிவியல் நிறைஞர் என்னும் பட்டத்தினை அவருக்கும் பல்கலைக் கழக இலச்சினையுடன்
பாரதியார் பல்கலைக் கழக ஆட்சிக் குழு வழங்கின்றது

The Syndicate of the Bharathiar University hereby makes known that **NIVETHA V** has been admitted to the Degree of **MASTER OF SCIENCE**, having been certified by duly appointed Examiners to be qualified to receive the same in **MEDICAL PHYSICS** and was placed in **FIRST CLASS WITH DISTINCTION**, at the Examination conducted in **APRIL 2016** by Bharathiar University.

Given under the Seal of the University.

கோயம்புத்தூர்
Coimbatore
மாவட்டம்
தமிழ்நாடு

Dated: 7th February 2017
ISSUED ON 13 OCT 2017

தேர்வாணையர்
Controller of Examinations

பதிவாளர்(பொ)
Registrar(i/c)

துணைவேந்தர்
Vice-Chancellor

Centre Code :27

Reg. No. 11P7516 :Code No. UA829 :S.No. 816479

பாரதிதாசன் பல்கலைக்கழகம்
BHARATHIDASAN UNIVERSITY

Re-accredited with 'A' Grade by NAAC

(Established by the Government of Tamil Nadu in 1982; Recognized by UGC under 2f and 12B of UGC Act; Member, Association of Indian Universities and Association of Commonwealth Universities)

அறிவியல் புலம்
FACULTY OF SCIENCE

பாரதிதாசன் பல்கலைக்கழக ஆட்சிக் குழு ஏப்ரல் 2014 ஆம் ஆண்டு புனித சிலுவை தன்னாட்சிக் கல்லூரி, திருச்சிராப்பள்ளி நடத்திய இயற்பியல் தேர்வில்

வே. நிவேதா

என்பவர் முதல் வகுப்பில் A தரத்துடன் தேர்ச்சி பெற்றார் என்று தக்க தேர்வாளர்கள் சான்றளித்தபடி அறிவியல் இளையர் என்னும் பட்டத்தை அவருக்குப் பல்கலைக்கழக இலச்சினையுடன் வழங்குகிறது.

The Syndicate of the **BHARATHIDASAN UNIVERSITY** *hereby makes known that* **V. NIVETHA** *has been admitted to the Degree of* **BACHELOR OF SCIENCE**, *having been certified by duly appointed Examiners to be qualified to receive the same in* **PHYSICS *** *at the Examination held in* **APRIL 2014** *and placed in* **FIRST CLASS WITH A GRADE** *through the* HOLY CROSS COLLEGE(Autonomous),TIRUCHIRAPPALLI *of the University.*

* WITH SPECIALISATION IN ELECTRONICS

Given under the seal of the University.

திருச்சிராப்பள்ளி
Tiruchirappalli

நாள் : 23rd December 2014
Date :

பதிவாளர் Registrar

துணைவேந்தர் Vice - Chancellor

BHARATHIAR UNIVERSITY

COIMBATORE

CHOICE BASED CREDIT SYSTEM

Folio No. 33399

CONSOLIDATED STATEMENT OF MARKS

NAME OF THE EXAMINEE	COLLEGE OF STUDY / CENTRE
NIVETHA V	DR.N G P ARTS & SCIENCE COLLEGE COIMBATORE

REGISTER NO.	DEGREE & BRANCH OF STUDY	MONTH & YEAR OF LAST APPEARANCE
1436M0007	M.SC. MEDICAL PHYSICS	APRIL 2016

PART	SEM	COURSE CODE	COURSE TITLE	CREDIT	MAX MARKS	AWARDED	GRADE POINTS	GRADE	MONTH & YEAR
3	1	13A	INTRODUCTORY NUCLEAR PHYSICS	04	100	075	07.5	D	11 14
3	1	13B	SOLID STATE PHYSICS	04	100	067	06.7	A	11 14
3	1	13C	FUNDAMENTAL RADIATION PHYSICS	04	100	071	07.1	A+	11 14
3	1	13D	MICROELECTRONICS AND BIOMEDICAL INSTRUMENTATION	04	100	071	07.1	A+	11 14
3	1	13E	ANATOMY AND PHYSIOLOGY AS APPLIED TO ONCOLOGY AND IMAGING	04	100	076	07.6	D	11 14
3	1	13P	ELECTRONICS LAB	08	200	199	09.9	O	11 14
3	2	23A	MATHEMATICAL PHYSICS	04	100	075	07.5	D	04 15
3	2	23B	RADIATION DETECTORS AND INSTRUMENTATION	04	100	061	06.1	A	04 15
3	2	23C	PHYSICS OF RADIATION THERAPY	04	100	069	06.9	A	04 15
3	2	23D	MEDICAL IMAGING TECHNOLOGY	04	100	064	06.4	A	04 15
3	2	23E	RADIATION DOSIMETRY & STANDARDISATION	04	100	063	06.3	A	04 15
3	2	23P	PRACTICAL: MEDICAL PHYSICS	08	200	196	09.8	O	04 15
3	3	33A	MODERN RADIOTHERAPY TRENDS	04	100	065	06.5	A	11 15
3	3	33B	NUCLEAR MEDICINE AND INTERNAL DOSIMETRY	04	100	072	07.2	A+	11 15
3	3	33C	RADIATION BIOLOGY	04	100	071	07.1	A+	11 15
3	3	33D	RADIATION HAZARDS EVALUATION AND CONTROL	04	100	067	06.7	A	11 15
3	3	33P	PRACTICAL: MEDICAL PHYSICS	08	200	199	09.9	O	11 15
3	4	47V	PROJECT WORK AND VIVA VOCE	10	250	230	09.2	O	04 16

** END OF STATEMENT **

CONTROLLER OF EXAMINATIONS * COIMBATORE 641 046. * BHARATHIAR UNIVERSITY

PART	Credit Earned	CGPA	GRADE	Classification
3	90	7.951	D	FIRST CLASS WITH DISTINCTION

COIMBATORE - 641 046

HOLY CROSS COLLEGE (AUTONOMOUS)

TIRUCHIRAPPALLI - 620 002. TAMIL NADU, INDIA.

(Affiliated to Bharathidasan University)

NATIONALLY RE-ACCREDITED WITH 'A' GRADE BY NAAC

CONSOLIDATED STATEMENT OF MARKS

CHOICE BASED CREDIT - CAFETERIA SYSTEM

COURSE
B.SC. PHYSICS WITH SPECIALISATION IN ELECTRONICS

Name **NIVETHA V** | Month & Year **APRIL 2014** | Register No. **11P7516**

Sem	Part	Subject Code	Course - Title of the Paper	Marks Max.	Marks Sec.	No. of Credits	Grade Point	Passed Month / Year
I	I	U09TL1TAM01	Language : Tamil - I	100	62	3	18.60	NOV 11
II	I	U09TL2TAM02	Language : Tamil - II	100	61	3	18.30	APR 12
III	I	U12TL3TAM03	Language : Tamil - III	100	65	3	19.50	NOV 12
IV	I	U10TL4TAM04	Language : Tamil - IV	100	61	3	18.30	APR 13
I	II	U10EL1GEN01	English - I	100	67	3	20.10	NOV 11
II	II	U10EL2GEN02	English - II	100	69	3	20.70	APR 12
III	II	U10EL3GEN03	English - III	100	65	3	19.50	NOV 12
IV	II	U10EL4GEN04	English - IV	100	66	3	19.80	APR 13
I	III	U08PH1MCT01	Major Core 1: General Physics	100	76	5	38.00	NOV 11
II	III	U08PH2MCT02	Major Core 2: Electricity and Electromagnetism	100	65	6	39.00	APR 12
II	III	U08PH2MCP03	Major Core 3: Practical - I	100	93	3	27.90	APR 12
III	III	U08PH3MCT04	Major Core 4: Electronics	100	69	5	34.50	NOV 12
III	III	U08PH3MCP05	Major Core 5: Main Practicals - II	100	96	5	48.00	NOV 12
IV	III	U08PH4MCT06	Major Core 6: Optics and Spectroscopy	100	71	5	35.50	APR 13
V	III	U08PH5MCT07	Major Core 7: Atomic and Nuclear Physics	100	70	4	28.00	NOV 13
V	III	U08PH5MCT09	Major Optional 8: Circuit and Network Theory	100	74	4	29.60	NOV 13
V	III	U08PH5MCT11	Major Optional 9: NonLinear Optics, Quantum and Statistical Mechanics	100	64	4	25.60	NOV 13
V	III	U08PH5MCP12	Major Core 10: Practical - III	100	95	4	38.00	NOV 13
VI	III	U08PH6MCT13	Major Core 11: Condensed Matter Physics	100	66	5	33.00	APR 14
VI	III	U08PH6MCT15	Major Optional 12: Communication Electronics	100	61	5	30.50	APR 14
VI	III	U08PH6MCP17	Major Optional 13: Practical IV - B	100	91	5	45.50	APR 14
IV	III	U08PH4MET01	Major Elective 1: Basics of Digital Electronics	100	76	5	38.00	APR 13
V	III	U08PH5MET03	Major Elective 2: Microprocessor and its Applications	100	73	5	36.50	NOV 13
VI	III	U08PH6MET05	Major Elective 3: Applied Electronics	100	72	5	36.00	APR 14
I	III	U10MA1ACT02	Allied 1: Mathematics-I	100	61	4	24.40	NOV 11
I	III	U10MA1ACT07	Allied 2: Mathematics-II	100	66	3	19.80	NOV 11
II	III	U10MA2ACT09	Allied 3: Mathematics - III	100	61	3	18.30	APR 12
III	III	U08CH3AOT01	Allied 4: Chemistry-I	100	63	3	18.90	NOV 12
IV	III	U08CH4AOT02	Allied (Optional) 5: Chemistry - II	100	67	4	26.80	APR 13
IV	III	U11CH4AOP03	Allied (Optional) 6: Chemistry Practical - III	100	83	3	24.90	APR 13
II	IV	U08RE2EST01	Environmental Studies	100	64	2	12.80	APR 12
I	IV	U08RE1SBT01	SBE 1: Capacity Building	100	76	2	15.20	NOV 11
II	IV	U08RE2SBT02	SBE 2: Rural Enrichment and Sustainable Development	100	70	2	14.00	APR 12
III	IV	U08PH3SBT03	SBE 3: House Wiring	100	54	2	10.80	NOV 12
V	IV	U08PH5SBT04	SBE 4: Trouble Shooting and Maintenance of Electronic Equipments	100	63	2	12.60	NOV 13
VI	IV	U08PH6SBT05	SBE 5: Printed Circuit Techniques	100	81	2	16.20	APR 14
VI	IV	U13DS6SBT06	SBE 6: Research Methodology	100	83	2	16.60	APR 14
V	IV	U08MA5NMT01	N.M.E. 1 : Quick Mathematics	100	44	2	8.80	NOV 13
VI	IV	U08MA6NMT02	N.M.E. 2 : Art of Programming	100	68	2	13.60	APR 14
VI	IV	U13VE6LVE03	Value Education - Ethics	100	62	2	12.40	APR 14
III	IV	U12WS3GST01	Gender Studies	100	76	1	7.60	NOV 12
VI	V	U08RE6ETF01	Extension Activity-RESCAPES-Impact Study of Projects	100	87	1	8.70	APR 14
			*** END OF STATEMENT ***					

Part - I			Part - II			Part - III - Main & Allied			E.C.	N.M.		
Marks Secured	Grade	G.P.A.	Marks Secured	Grade	G.P.A.	Marks Secured	Grade	G.P.A.	Marks Secured		Grade	G.P.A.
249/400	A	6.23	267/400	A	6.68	1613/2200	A	7.33	------	112/200	B	5.60

Overall Grade Points **1000.8** | Total Credits **141** | O.G.P.A. (Overall Grade Points / Total Credits) **7.10**

Any Correction is invalid
See Overleaf for Grade & Other Details

Controller of Examinations

HOLY CROSS COLLEGE TIRUCHIRAPPALLI - 620 002 AUTONOMOUS

Principal

Dr. N.G.P. ARTS AND SCIENCE COLLEGE

Approved by Government of Tamil Nadu & Affiliated to Bharathiar University, Coimbatore
Accredited by NAAC & ISO 9001 : 2008 Certified
Dr. N.G.P - Kalapatti Road, Coimbatore - 641 048, Tamil Nadu, India. Ph : (0422) 2369100, 2628944

TRANSFER CERTIFICATE

TC. No: **12934** Roll No: **142MP006** Admission No: **13345**

1.	Name of the Student	: **NIVETHA.V**
2.	Sex	: **Female**
3.	Date of Birth as entered in the Admission Register	: **04/07/1994** (**FOURTH JULY NINETEEN NINETY FOUR**)
4.	Name of the Parent / Guardian	: **VELUCHAMY M**
5.	Nationality & Religion	: **Indian** **Hindu** **MARAVAR**
6.	Community & Caste	: **MBC**
7.	Date of admission to the Course	: **28/07/2014**
8.	A. Course for which the student was admitted	: **MSC MEDICAL PHYSICS**
	B. Language under Part - I	-
9.	Class the student was studying at the time of leaving	: **II MSC MEDICAL PHYSICS**
10.	Whether the student is qualified for promotion to the next higher class	: **REFER MARKSHEET**
11.	Medium of Instruction	: **ENGLISH**
12.	Last date the student attended classes in the college	: **31/03/2016**
13.	Reason for leaving	: **COURSE COMPLETED**
14.	Duration of the Course	: **2 Years**
15.	Date of which the application for transfer certificate was made	: **05/04/2016**
16.	Date of issue of Transfer Certificate	: **05/04/2016**
17.	Conduct and Character	: GOOD

Dr. P.R. MUTHUSWAMY
PRINCIPAL
Dr. NGP Arts and Science College
Dr. NGP - Kalapatti Road
Coimbatore - 641 048
Tamilnadu, India.

Date : **05/04/2016**

Dr. N.G.P. Arts and Science College Coimbatore 641 048 College Seal

Principal

KOVAI MEDICAL CENTER AND HOSPITAL LIMITED
Excellence in Healthcare
Post Box No. 3209, Avanashi Road, Coimbatore - 641 014. INDIA I Phone : (0422) 4323800
Fax : (0422) 2627782 I Web : www.kmchhospitals.com I CIN No : L85110TZ1985PLC001659

Ref : RSO/2017/004

Date : 20 Dec 2017

Certificate of Medical Physicist Internship

This is to Certify that **Miss. Nivetha V** of Dr NGP Arts and Science College has underwent the Medical Physics internship at the Department of Radiation Oncology under the supervision of Mr. Senthil Kumar N (Medical Physicist and RSO) from **05-12-2016 to 05-12-2017**. It is also certified that the candidate has obtained the full competency in the following components

- Radiotherapy Equipment (Treatment and Imaging) and QA
- Beam Calibration and Dosimetry
- External Beam treatment planning
- Brachytherapy dosimetry and treatment planning
- In-vivo dosimetry and Patient dose Verification
- Radiation Protection and Safety

and She has acquired sufficient knowledge in

- Clinical Orientation
- Professional skill development and career planning

Head of the Institute
Date 29/12/2017

Dr. V. KUMARAN MS., MCh.,
DEAN
Kovai Medical Center and Hospital
Coimbatore - 641 014 Tamil Nadu

Chief Medical Physicist
Date 20/12/17

KOVAI MEDICAL CENTER AND HOSPITAL LTD
R.S.O.
Dt:

Internship
Date 20/12/17

KOVAI MEDICAL CENTER AND HOSPITAL LIMITED
Excellence in Healthcare
Post Box No. 3209, Avanashi Road, Coimbatore - 641 014. INDIA I Phone : (0422) 4323800
Fax : (0422) 2627782 I Web : www.kmchhospitals.com I CIN No : L85110TZ1985PLC001659

DECLARATION FOR MEDICAL PHYSICS INTERNSHIP PROGRAMME

1. Name and Address of the Institution : Kovai Medical Center and Hospital Avanashi Road, Coimbatore 641014

2. Institution e-LORA ID : TN-00040

3. Name of the Chief Medical Physicist : S. Anto Vaz

   Email : santovaz@gmail.com

   Contact Number/ MobileNumber : 0422 4324007 / 9600530268

4. Number of Medical Physicists available In the institution having experience atleast 3 years : Two (S. Anto Vaz, N. Senthil Kumar)

5. Number of Functional Radiotherapy Equipments and associated accessories

   a) Medical Linear Accelerator : One Unit (Varian Trilogy)

   b) HDR Brachytherapy Unit : One Unit (Varis Source iX)

   c) CT-Simulator : One Unit (Siemens Somatom)

   d) Treatment Planning Systems : Two Unit (Eclipse 13.5 , Brainlab Iplan)

   e) Radiation Field Analyzer (RFA) : One Unit (IBA Blue Phantom 2)

   f) Appropriate Dosimeters for Medical Accelerator: Yes, (0.6CC Chamber , Parallel Plate Chamber for Electrons)

   g) Appropriate Dosimeters for HDR Brachytherapy: Yes, (Well Type Ion Chamber and Electrometer)

   h) Appropriate Radiation Protection Instruments : Yes, (Survey Meter, Gamma Zone Monitor, Pocket dosimeter, PMS)

KOVAI MEDICAL CENTER AND HOSPITAL LIMITED
Excellence in Healthcare
Post Box No. 3209, Avanashi Road, Coimbatore - 641 014. INDIA | Phone : (0422) 4323800
Fax : (0422) 2627782 | Web : www.kmchhospitals.com | CIN No : L85110TZ1985PLC001659

Details of the Interns and Supervisors

S.No	Name of Interns Admitted	Name of Course Undergone	Name of the College	Name of the University	Name of the Supervisor	Period of Supervision	Experience of Supervisor	Signature of the Supervisor
1.	Vignesh S	M.Sc (Medical Physics)	Dr NGP Arts & Science College	Bharathiyar University	S. Anto Vaz	5Dec2016 To 5Dec2017	14 years	S. Anto Vaz
2.	Nivetha V	M.Sc (Medical Physics)	Dr NGP Arts & Science College	Bharathiyar University	N. Senthil Kumar	5Dec2016 To 5Dec2017	14 years	

Signature of the Chief Medical Physicist : S. Anto Vaz
Name : S. ANTO VAZ.

Signature of Head of the Institute :
Name : DR. V. KUMARAN

Dr. V. KUMARAN MS., MCh.,
DEAN
Kovai Medical Center and Hospital
Coimbatore - 641 014 Tamil Nadu

KOVAI MEDICAL CENTER AND HOSPITAL LTD
K M C H
R.S.O.
Dt:.....

Date: 29/12/2017

Place : COIMBATORE -14

MANGALORE INSTITUTE OF ONCOLOGY
Speciality Cancer Hospital
(Dedicated to Cancer Awareness, Management, Education and Research)

TO WHOMSOEVER IT MAY CONCERN

Date:- 30/08/2019

This is to certify that Ms. NIVETHA V was employed as a Med. Physicist at Mangalore Institute of Oncology from 23rd March 2018 to 30th August 2019.

For Mangalore Institute of Oncology

Dr. D. Suresh Rao
Director – Clinical & Administration

MANGALORE INSTITUTE OF ONCOLOGY PVT. LTD. Pumpwell Kankanady Mangalore-2

CIN : U85110KA2006PTC040626

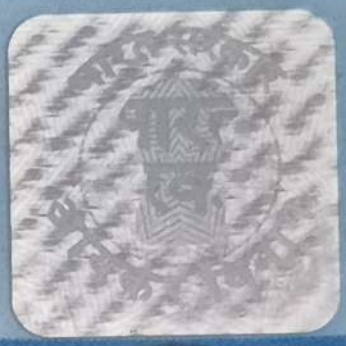
Pumpwell, Mangalore
Karnataka, India - 575 002
Phone : 0824 4249999 / 81978 07159
E-mail : mio_mangalore@rediffmail.com
Website : www.miohospital.com

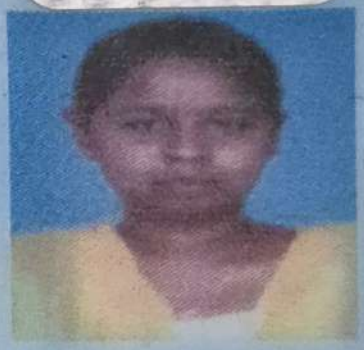
आयकर विभाग
INCOME TAX DEPARTMENT

भारत सरकार
GOVT. OF INDIA

स्थायी लेखा संख्या कार्ड
Permanent Account Number Card

BPMPN9790J





नाम/ Name
NIVETHA

पिता का नाम/ Father's Name
VELUCHAMY

जन्म की तारीख / Date of Birth
04/07/1994

हस्ताक्षर/ Signature

13032018

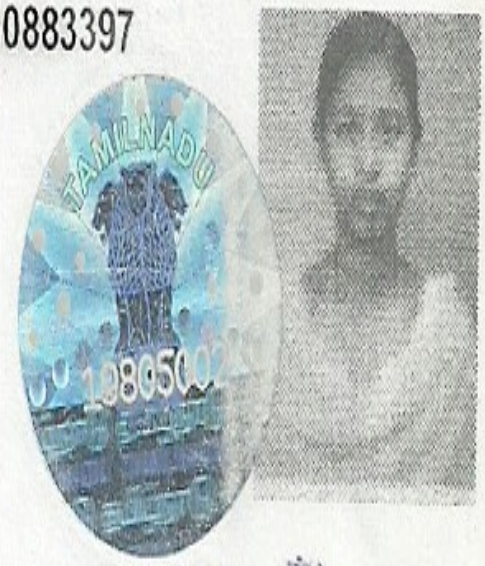
இந்திய தேர்தல் ஆணையம்

வாக்காளர் அடையாள அட்டை

ELECTION COMMISSION OF INDIA

IDENTITY CARD

STG0883397



வாக்காளர் பெயர் : நிவேதா

Elector's Name : Nivetha

தந்தை பெயர் : வேல்ச்சாமி

Father's Name : Velsamy

பாலினம் / Sex : பெண் / Female

பிறந்த தேதி / Date of Birth: 04/07/1994

STG0883397

முகவரி: 4-274 / 4-488
ஆனந்தூர்
ஆனந்தூர்(அ)
திருவாடானை(வ) இராமநாதபுரம்(மா)

Address : 4-274 / 4-488
Anandur
Anandur(P)
Thiruvadanai (TK)
Ramanathapuram(Dt)

நாள் / Date : 03/01/2014

வாக்காளர் பதிவு அதிகாரியின்
கையொப்ப முத்திரை
திருவாடானை
சட்டமன்ற தொகுதி

Facsimile Signature of
Electoral Registration Officer
210 - Tiruvadanai
Assembly Constituency

முகவரியில் மாற்றம் ஏற்பட்டால் வாக்காளர் பட்டியலில் புதிய முகவரியில் உங்கள் பெயரைச் சேர்ப்பதற்கான உரிய படிவத்தில் இந்த அட்டையின் எண்ணைக் குறிப்பிட்டு இதே எண்ணுள்ள அட்டையை பெறவும்

In case of change of address, mention this card No. in the relevant form for including your name in the roll at the changed address and to obtain

C no 204

GCP–26-8–1,50,000 Cps.–17-9-2002 [P2-1]

R.Dis...../200 dt.

DNC

சான்றிதழ் எண் :
Certificate No. :

மாவட்டக் குறியீடு எண் :
District Code : 16

வட்டக் குறியீடு எண் :
Taluk Code : 03

கிராமக் குறியீடு எண் :
Village Code :

0872458

சாதிச் சான்றிதழ்
COMMUNITY CERTIFICATE

திருவண்ணாமலை மாவட்டம் திருவண்ணாமலை வட்டம்
ஆதனூர் கிராமம்/நகரம், திரு / திருமதி / செல்வி/
செல்வன் ரவி த/பெ/க/கணவர்
பெயர் பெருமாள்

வகுப்பைச் சார்ந்தவர், அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும் மிகவும் பிற்பட்ட பிரிவின் நலத் துறை, நாள் 19-7-1994 வரிசை எண். 036 படி, சீர்மரபினர் பிரிவினைச் சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that.....Son / Daughter of Thiru.....of.....Village / Town,.....Taluk,..... District of the State of Tamil Nadu belongs to .....Community, which is recognised as a Denotified Community as per Government Order (Ms.) No. 28, Backward Classes and Most Backward Classes Welfare, dated 19th July 1994 vide Serial No.....

2. திரு / திருமதி / செல்வன் / செல்வி ரவி
என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் திருவண்ணாமலை மாவட்டத்தில் திருவண்ணாமலை வட்டத்தில் ஆதனூர் கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

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

முத்திரை
Seal

கையொப்பம் :
Signature :

நாள் :
Date :

பெயர் (தெளிவாக எழுத்துக்களில்)
Name (in Capital Letters) :

பதவி :
Designation :

ZONAL DEPUTY THASILDAR
THIRUVADANAI