

# DESY T M

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## EDUCATIONAL QUALIFICATION

	Name of the Degree	Institution	Board/University	Percentage Of Marks	YEAR OF PASSING
1	PhD. Medical Biochemistry	KS Hegde Medical Academy, Mangalore	NITTE Deemed to be University	-	(2020 October - Pursuing)
2	MSc. Medical Biochemistry	Kasturba Medical College, Mangalore	Manipal Academy of Higher Education	74%	2018
3	BSc. Medical Biochemistry	Co-operative institute of Health Sciences, Thalassery.	Kannur University	62.32%	2016
4	PLUS TWO	Govt. Girls Higher Secondary School, Thiruvangad, Thalassery	Board of higher secondary examination, Govt. of Kerala	69%	2012
5	SSLC	Govt. Girls Higher Secondary School, Thiruvangad, Thalassery	Government of Kerala	86%	2010

## EXPERIENCE

<b>SRINIVAS INSTITUTE OF MEDICAL SCIENCES AND RESEARCH CENTRE, MANGALORE</b>		<b>DECEMBER 2018-JUNE 2020</b>
<b>DESIGNATION</b>	TUTOR IN BIOCHEMISTRY DEPARTMENT	
<b>RESPONSIBILITY</b>	Do classes for MBBS, BDS, BPT and AHS Courses and Diagnostic Laboratory duty	

## PHD TOPIC:

- Role of SIRT1 Gene and its Downstream Pathway in Carcinoma of Breast – A Case-Control Study

## TECHNICAL SKILLS

<ul style="list-style-type: none"><li>• Polymerase Chain Reaction</li></ul>	<ul style="list-style-type: none"><li>• Blood gas analysis</li></ul>
<ul style="list-style-type: none"><li>• Gel Electrophoresis</li></ul>	<ul style="list-style-type: none"><li>• Semi auto analyzer experiments</li></ul>
<ul style="list-style-type: none"><li>• ELISA</li></ul>	<ul style="list-style-type: none"><li>• Staining and Culture methods.</li></ul>
<ul style="list-style-type: none"><li>• RFLP</li></ul>	<ul style="list-style-type: none"><li>• Chromatography techniques</li></ul>

## RESEARCH INTERESTS

<ul style="list-style-type: none"><li>• <b>Molecular genetics</b></li><li>• <b>Diabetes Mellitus</b></li><li>• <b>Molecular genetics and breast cancer</b></li></ul>	<ul style="list-style-type: none"><li>• <b>Cardiovascular diseases</b></li><li>• <b>Neurology</b></li></ul>
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## RESEARCH EXPERIENCE

1. Utility of calculated sdLDL in diabetic patients with and without nephropathy. – 4 months (2018)

## AWARDS/ACHIEVEMENTS

- Awarded of **IBRO** (International Brain Research Organization) International travel grant of 1800 Euros for attending INPC 2021, taking place in Singapore between September 29-30, 2021

## WORKSHOPS/ SYMPOSIA / CONFERENCES ATTENDED

- Attended 41<sup>st</sup> Annual Conference On Indian Association Of Biomedical Scientists Held From 12<sup>th</sup> - 14<sup>th</sup> March.
- Participated in the symposium on “Flow Cytometry Advanced Concepts And Its Application In Research And Clinical Diagnostics” held on occasion of National Science day, 26<sup>th</sup> February 2021 at NITTE Deemed to be University, Mangaluru
- Attended Webinar on Understanding and Interpretation of serum protein electrophoresis – An update’ held on 21<sup>st</sup> December 2020 conducted by Department of Biochemistry, KMC Mangalore.
- Attended 48<sup>th</sup> Annual Digital Meeting of RSSDI 2020 from 26<sup>th</sup> tom 29<sup>th</sup> November.
- Attended 41<sup>st</sup> Annual Conference on Indian Association Of Biomedical Scientists Held From 12<sup>th</sup> -14<sup>th</sup> March.
- Participated in the symposium on “Flow Cytometry Advanced Concepts And Its Application In Research And Clinical Diagnostics” held on occasion of National Science day, 26<sup>th</sup> February 2021 at NITTE Deemed to be University, Mangaluru
- Participated in ACMBCON 2016, National Conference of Clinical Microbiologists and Biochemists held at School of Health Sciences, University of Calicut
- Participated in Pre- conference workshop on "Hemoglobin variants: Fundamentals and Challenges" held as a part of 43rd National Conference of the Association of Clinical Biochemists of India- ACBICON 2016
- Participated in CME- "Pediatric Clinical Biochemistry" conducted by Department of Biochemistry, Father Muller Medical College, Mangaluru
- Participated in National nutrition conference- NUTRICON 2018 held at Justice K.S Hegde MedicalAcademy, Mangaluru.

## PRESENTATIONS

1. Oral presentation of research work titled 'CSF TAR DNA Binding Protein -43 (TDP-43) As a Potential Biomarker in Diagnosing Amyotrophic Lateral Sclerosis (ALS): A Meta-analysis' at Indo German Convention of Lindau Alumni (IGCLA) 2021 held at KMC Manipal on 24<sup>th</sup> september 2021.
2. Presented a paper "A study on Leptin Receptor Gene Polymorphism in Type 2 Diabetes Mellitus: A Cross Sectional Study" at National e conference - Genomic Conclave 2021 held at Chettinadu Hospital and research centre on 27<sup>th</sup> and 28<sup>th</sup> May 2021.
3. Poster presented on topic 'Role of SIRT 1 Gene and Its Downstream Pathway in Carcinoma of Breast: A Case Control Study' during Poster presentation competition conducted by Central Research Laboratory, KSHEMA.

## PUBLICATIONS

1. Nafeesath, Ameera, PB Nandith, Rai Tirthal, TM Desy, P Kathyayani. Leptin And Insulin Resistance - Markers To Predict Myocardial Infarction ?- A Cross Sectional Study. Pharmacology online. 2021;2: • 1059-1069
2. Usha Adiga, **Desy TM**, Nandith PB. Association of Paraoxonase 1(PON1) activity and Insulin Resistance Models in Type 2 Diabetes Mellitus: Cross- Sectional Study. Journal of Chinese Medical Association. 2021. (In Press)
3. Neha Martin Honnalli and **T. M. Desy**. Comparison of Three Techniques for The Diagnosis Of Malaria In Resource-Limited Settings: A Mini-Review. IJPSR.2022; Vol. 13(1): 1000-05
4. Usha Adiga and **Desy TM**. Influence Of Sirt-1 -Nf Kb Signalling Pathway In Tumorigenesis Of Breast Cancer: A Case-Control Study Protocol. IJPSR. 2021; Vol. 12(9): 1000-05
5. **Menambath DT**, Yella DR, Khandige AP, Kuthethur S, Mangalore N. Assessment of sdLDL-C by Three Different Formula and Its Correlation with Clinical Variables Among Diabetes Individuals with and without Nephropathy. The Indonesian Biomedical Journal. 2021;13(2):140-6.
6. Neha Honnalli and **Desy TM**. Nucleic Acid Test Versus ELISA for Detection Of Hepatitis B Infection Among Blood Donors: A Mini Review. RJPBCS. 2020;11(6):7-12

## PERSONAL PROFILE

**Date of Birth** : 23/10/1994

**Marital Status** :Married

**Nationality** : Indian

**Known Languages**: Malayalam, English, Kannada, Hindi

## REFERENCE

- **Dr. Nandini M**  
Additional Professor  
Department of Biochemistry,  
KMC Mangalore  
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- **Dr. Usha Adiga**  
Professor,  
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KSHEMA, Mangalore  
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## DECLARATION

I hereby confirm that the above mentioned information is true to best of my knowledge.

Date: 29/09/2021

Place: Mangalore



**DESY TM**