

EUROPEAN CURRICULUM VITAE FORMAT



PERSONAL INFORMATION

Name
Address
Telephone
Fax
E-mail

Nationality
Date of birth

VILLA JOHN REENA

WORK EXPERIENCE

- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities
-
- Dates (from – to)
 - Name and address of employer
 - Type of business or sector
 - Occupation or position held
 - Main activities and responsibilities

SEPTEMBER 2024- CURRENT
IEOMI, CNR 2nd Unit, Napoli
Research Institute
Post Doc
Raman spectroscopy Analysis of bacterial sample.

June 2015- June 2016
St. Cecily's Pre-University College, Udupi, Karnataka, India- 576101
Educational Institute
Lecturer
Teaching physics to pre- university students

EDUCATION AND TRAINING

- Dates (from – to)
 - Name and type of organization providing education and training
 - Principal subjects/occupational skills covered
 - Title of qualification awarded
-
- Dates (from – to)
 - Name and type of organization providing education and training
 - Principal subjects/occupational skills covered
 - Title of qualification awarded

July 2016- December 2023
Department of Atomic and Molecular Physics, Manipal Academy of Higher Education
Manipal, India- 576104
Raman spectroscopy analysis of cardiac blood samples. Development of LED- Fluorescent detector for the HPLC and analyzing the serum samples in developed system.
PhD Biophysics

July 2013- April 2025
Department of Sciences, Manipal Academy of Higher Education
Manipal, India- 576104
Condensed Matter Physics, Quantum Mechanics, Mathematical Physics, Classical Mechanics, Masters project has been carried out on the topic 'color confinement using chaos theory'
MSc Physics

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|---|--|
| MOTHER TONGUE | KANNADA |
| OTHER LANGUAGES | |
| <ul style="list-style-type: none"> • Reading skills • Writing skills • Verbal skills | ENGLISH Excellent Good Excellent |
| PUBLICATION | <ol style="list-style-type: none"> 1. Reena V John, Tom Devasia, Sphurti S Adigal, Jijo Lukose, V.B. Kartha and Santhosh Chidangil, Serum protein profile study of Myocardial Infarction using a LED Induced Fluorescence-based HPLC system, Journal of Chromatography B, 1217, (2023). https://doi.org/10.1016/j.jchromb.2023.123616 2. Reena V John, Tom Devasia, Nidheesh V.R., Sphurti S Adigal, Jijo Lukose, V.B. Kartha, Santhosh Chidangil, Cardiovascular biomarkers in body fluids: progress and prospects in optical sensors, Biophys. Rev. 14 (2022) 1023–1050. https://doi.org/10.1007/s12551-022-00990-2. 3. Reena V John, Tom Devasia, Jijo Lukose, Mithun N, Santhosh Chidangil, Micro - Raman spectroscopy study of blood samples from myocardial infarction patients, Lasers Med. Sci. (2022). https://doi.org/10.1007/s10103-022-03604-1. 4. Ajaya Kumar Barik, Clint Mathew, Pavithran M. Sanoop, Reena V John, Sphurti S Adigal, Sujatha Bhat, Keerthilatha M. Pai, Sulatha V Bhandary, Tom Devasia, Rekha Upadhya, V.B. Kartha, Santhosh Chidangil, Protein profile pattern analysis: A multifarious, in vitro diagnosis technique for universal screening, J. Chromatogr. B. 1232 (2024) 123944. https://doi.org/10.1016/j.jchromb.2023.123944. 5. Sphurti S Adigal, Neetha IR Kuzhuppilly, Nagaraj Hegde, Nidheesh V.R., Alisha Rizvi, Reena V John, Sajjan D. George, V.B. Kartha, Sulatha V Bhandary, Santhosh Chidangil, HPLC-LED-Induced Fluorescence Analysis of Tear Fluids: An Objective Method for Primary Open Angle Glaucoma Diagnosis, Curr. Eye Res. 0 (2023) 1–10. https://doi.org/10.1080/02713683.2023.2289862. 6. Sphurti S Adigal, Sulatha V. Bhandary, Nagaraj Hegde, Nidheesh V.R., Reena V. John, Alisha Rizvi, Sajjan D. George, V. B. Kartha, and Santhosh Chidangil. "Protein profile analysis of tear fluid with hyphenated HPLC-UV LED-induced fluorescence detection for the diagnosis of dry eye syndrome." RSC advances 13, no. 32 (2023): 22559-22568. https://doi.org/10.1039/d3ra04389d |