

8. Synthesis, structural, spectroscopic and docking studies on (E)-1-Ferrocenyl-3-phenylpropen-1-one by the density functional theory
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Molecular simulation, Volume 48, 2022
[Link to the article](#)
<https://doi.org/10.1080/08927022.2021.2016743>

**Department of Physics & Research Centre Holy Cross College,
Nagercoil, India**

1. Vibrational Spectroscopic Analysis of 10H-Dibenzo[b,e][2,4]oxazine and Investigate their Structural Reactivity by DFT Computations and Molecular Docking Analysis
(M. LATHA BEATRICE, S. MARY DELPHINE, M. AMALANATHAN and H. MARSHAN ROBERT)
Asian Journal of Chemistry; Vol. 32, No. 10, 2475-2485. 2020
[Link to the article](#)
<https://doi.org/10.14233/ajchem.2020.22718>
1. Molecular structure, spectroscopic, Fukui function, RDG, anti-microbial and molecular docking analysis of higher concentration star anise content compound methyl 4-methoxybenzoate-DFT study
(M. Latha Beatric , S. Mary Delphine, M. Amalanathan, M. Sony Michael Mary , H. Marshan Robert , K. Thibi Mol)
Journal of Molecular Structure Volume 1238 ,2021
[Link to the article](#)
<https://doi.org/10.1016/j.molstruc.2021.130381>
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3. Spectroscopic and topological analysis and in vitro antimicrobial activity of phenothiazine
(M. SonyMichaelMary, R.RacilJeyaGeetha, M.Amalanathan H.MarshanRobert and A. RonaldoAnufe)
Spectroscopy letters, Volume 55, Issue 3, 2022
[Link to article/paper](#)
<https://doi.org/10.1080/00387010.2022.2046611>

**Department of Physics & Research Centre Nesamony Memorial
Christian College, Marthandam, India**

1. Spectroscopic (UV, NMR) Investigation, AntiMicrobial And Molecular Docking Analysis Of 2,3Dichloronaphthalene-1,4-Dione
(Marshan Robert H, Amalanathan M, Usha D, Racil Jeya Geetha R, Sony Michael Mary M)
International journal of scientific & technology research Volume 8, Issue 12, 2019
[Link to the article](#)
<https://www.ijstr.org/final-print/dec2019/Spectroscopic-uv-Nmr-Investigation-Anti-microbial-And-Molecular-Docking-Analysis-Of-23-dichloronaphthalene-14-dione-.pdf>
2. Vibrational spectral, density functional theory and molecular docking analysis on 4-nitrobenzohydrazide
(H. Marshan Robert , D Usha, M. Amalanathan, R. Racil Jeya Geetha, M. Sony Michael Mary)
Journal of Molecular Structure Volume 1223, 2020
[Link to the article](#)
<https://doi.org/10.1016/j.molstruc.2020.128948>
3. Spectroscopic (IR, Raman, UV, NMR) characterization and investigation of reactive properties of pyrazine-2-carboxamide by anti-bacterial, anti-mycobacterial, Fukui function, molecular docking and DFT calculations
(H. Marshan Robert , D. Usha , M. Amalanathan, R. Racil Jeya Geetha, M. Sony Michael Mary)
Chemical Data Collections Volume 30, 2020
[Link to the article](#)
<https://doi.org/10.1016/j.cdc.2020.100583>
4. Critical green routing synthesis of silver NPs using jasmine flower extract for biological activities and photocatalytical degradation of methylene blue
(M. Aravind, Awais Ahmad, Ikram Ahmad, M. Amalanathan, Khalida Naseem, Sony M. Michael Mary, C. Parvathiraja, Shahid Hussain, Tahani Saad Algarni, Muhammad Pervaiz, Muhammad Zuber

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Journal of Molecular Structure 1238 (2021)

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6. Molecular structure, vibrational spectroscopic, frontier molecular orbital and natural bond orbital analysis of anti-cancer drug 6-chloro-3- pyridine carbonitrile

(G. GoldingSheeba, D.Usha, M.Amalanathan, M.SonyMichaelMary and H.MarshanRobert)

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<https://doi.org/10.1080/00387010.2021.1932964>

7. Structural and vibrational spectra linvestigation on the identification of Non-Linear Optical properties and wave function analyses(electrostatic potential,electron localisation function,localised orbitallocator)of3-Ethoxy Salicilaldehyde

(B. QueenSheeba,, M.SonyMichaelMary, M.Amalanathan and C.BeskyJob)

Molecular simulation Volume 47, Issue 15, 2021

[Link to the article](#)

<https://doi.org/10.1080/08927022.2021.1962862>

8. Structure Activity Relationship, Topological Analysis and Molecular Docking Analysis of Pharmaceutical Molecule 2356 -Tetrafluoro-4-Pyridine Carbonitrile

(M. Sony Michael Mary, R. Racil Jeya Geetha , M. Amalanathan and R. Benisha)

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[Link to the article](#)

<https://journaljpri.com/index.php/JPRI/article/view/34956>

9. Synthesis of TiO₂ nanoparticles by chemical and green synthesis methods and their multifaceted properties
(M. Aravind, M. Amalanathan, M. Sony Michael Mary)
SN Applied Sciences Volume 3 2021
[Link to the article](#)
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11. Enhanced Photocatalytic and Biological Observations of Green Synthesized Activated Carbon, Activated Carbon Doped Silver and Activated Carbon/Silver/Titanium Dioxide Nanocomposites
(M. Aravind, M. Amalanathan, M. Sony Michael Mary, C. Parvathiraja, Asma A. Alothman, Saikh M. Wabaidur, Mohammad Ataul Islam)
Journal of Inorganic and Organometallic Polymers and Materials, Volume 33, 2022
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<http://dx.doi.org/10.1007/s10904-021-02096-w>
12. Synthesis of Silver Nanoparticles Using Syzygium malaccense Fruit Extract and Evaluation of Their Catalytic Activity and Antibacterial Properties
(H. Basalius Herbin, M. Aravind, M. Amalanathan, M. Sony Michael Mary, M. Maria Lenin, Parvathiraja, Masoom Raza Siddiqui, Saikh Mohammad Wabaidu, Md Ataul Islam)
Journal of Inorganic and Organometallic Polymers and Materials, Volume 32, 2022
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13. Synthesis, Structural, Spectroscopic investigation on 3-(2-Hydroxyphenyl)-1-ferrocenylpropan-1-one by Density Functional Theory
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Wutan Huatan Jisuan Jishu, Volume XVIII, Issue I, 2022
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https://drive.google.com/file/d/1jEVdp_TxVCzLMAyaNAWegYM7U9RIMiis/view?usp=sharing

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15. Catharanthus roseus leaf extract mediated Ag-MgO nanocatalyst for photocatalytic degradation of Congo red dye and their antibacterial activity

(R. Benisha , M. Amalanathan, M. Aravind, M Sony Michel Mary , Awais Ahmad, Sobia Tabassum, Wahidah H. Al-Qahtani , Ikram Ahmad)

Journal of Molecular Structure, Volume 1262, 2022

[Link to article/paper](#)

<https://doi.org/10.1016/j.molstruc.2022.133005>

16. Green synthesis of nano-silver using Syzygium samarangense flower extract for multifaceted applications in biomedical and photocatalytic degradation of methylene blue

(Herbin Basalius, Aravind Mani, Amalanathan Michael, Sony Michael Mary, Maria Lenin, Parvathiraja Chelliah, Masoom Raza Siddiqui, Saikh Mohammad Wabaidur, Mohammad Ataul Islam)

[Applied Nanoscience](#) , Volume , Volume 1, 2022

[Link to article/paper](#)

<https://doi.org/10.1007/s13204-022-02523-5>

**Department of Physics & Research Centre Scott Christian College,
Nagercoil, Tamil Nadu, India**

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Department of Chemistry, The University of Lahore, Lahore 54590

Pakistan

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Journal of Environmental Chemical Engineering Volume 09, Issue1, 2021 104877

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Department of Chemistry, University of Shiwal, Sahiwal, Pakistan

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Chemistry Department, College of Science, King Saud University, Riyadh 11451, Saudi Arabia

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School of Materials Science and Engineering, Jianguo University,

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Department of Chemistry, Faculty of Science, University of Kragujevac

Serbia

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Wutan Huatan Jisuan Jishu, Volume XVIII, Issue I, 2022

Ref. No. :

Date : 30-03-2021

Project Director / Project Co-ordinator

Sub. :

TO WHOM IT MAY CONCERN

This is to certify that **ABARNA ANGEL.Y.A**, Reg.No. 20203102108201 a student, Master of Social Work (MSW) programme in Nanjil Catholic College of Arts and Science, Kaliyakkavilai has successfully completed 18 days NGO field work as part her studies during the period of 29th January 2021 to 30th March 2021 (two days in a week) in our institution. I am pleased to state that she was found punctual, hardworking and inquisitive during the period of her field work time. She has also joined with our staff and volunteers to conduct various programmes like My Plan for Tomorrow (MPT) workshop, Life skill training, strategies for sustainable development, House visits, field study for STREET LIGHT CLUB (only for highly vulnerable children), Library at home campaign etc...

She is very compassionate and cooperative. Her character and conduct is good.

We wish her every success in life

Yours faithfully,


Mr. Saji Mariyapuram

Project Coordinator





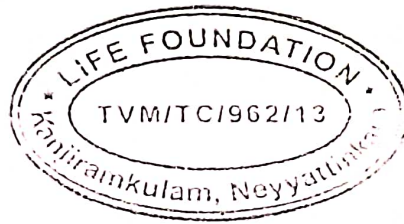
Life foundation
Reg. No.Tvm/TC/962/2013

CERTIFICATE

This is to certify that Ms.Malavika A.L. *Second Semester MSW* student of **Nanjil Catholic College Of Arts & Science Kaliyikkavilai** has attended the 2 days community program conducted by **Life Foundation** a Non-Governmental Organization in Neyyattinkara. During her course of internship she showcased a genuine interest and enthusiasm towards the work. And from my experience I can certify that she is very committed, studious, earnest in her activities.

Wishing you all the triumphs in your future endeavours

Place: Neyyattinkara
Date:29/03/2021




Beenamol.S.G
Director



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www.mitraniketan.org E-Mail: kvmitraniketan@gmail.com

Sethu Viswanathan
Director

Certificate

This is to certify that Sri Tony Abraham, M.S.W student of Naanjil Catholic College of Arts and Science, Kaliyakkavilai has placed in Mitraniketan for concurrent field work from 29th January to 30th March 2021. They have attended 15 working days in Mitraniketan and engaged in the assigned work including 2 case works and one group work in addition a community organization programme. They have done the work with dedication. We wish him all success.

30-03-2021



Dr. Reghu Rama Das
Joint Director,
Mitraniketan

Registered under Travancore Cochin Literary Scientific and Charitable Societies Registration Act XII of 1955 as 11 of 1967. Donations may be paid in favour of Mitraniketan through State Bank of India, Vellanad A/C No. 57059448714 IFSC No: SBIN 0070793 and overseas remittance through State Bank of India, Trivandrum main branch A/C No: 10570281200 IFSC No: SBIN 0002021 PAN AAATM 9103 E Donations exempt to limit 1% 80 G (5) VI of the 15 Act 1962 by order No. 302/12/Trivandrum/2012/13/ dated 20-06-2013



SWANATHAN
Founder



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CERTIFICATE

This is to certify that Ms.Veeshma Vijayan L. *Second* Semester MSW student of Nanjil Catholic College Of Arts & Science Kaliyikkavilai has attended the 2 days community program conducted by **Life Foundation** a Non-Governmental Organization in Neyyattinkara. During her course of internship she showcased a genuine interest and enthusiasm towards the work. And from my experience I can certify that she is very committed, studious, earnest in her activities.

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Beenamol.S.G
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