



MANONMANIAM SUNDARANAR UNIVERSITY

Reaccredited with 'A' Grade by NAAC (3rd Cycle)

CENTRE FOR RESEARCH

ABISHEKAPATTI, TIRUNELVELI - 627 012, TAMILNADU, INDIA

Phone : 0462 - 2333741, 9487907000, Intercom: 2563073, Mail: cfrmsu@msuniv.ac.in, web: msuniv.ac.in



DR. K. SENTHAMARAI KANNAN
DIRECTOR

REF : MSU/RES/Admn/July 2019

Date : July 22, 2019

Ph.D., Programme Commencement Order

To
ABILA R
KADAIVILAI, THICKURICHY POST
Kanniyakumari, Tamil Nadu, Pincode - 629168
Mobile No. : 9443831353, Email ID : abilamaths86@gmail.com

Sir/Madam,

Sub: Registration for doing Ph.D., programme - Date of Commencement of Research work -
Intimation - Reg

Ref: Counseling attended by the candidate for July 2019 session.

With reference to the above, you are provisionally registered for Ph.D., Programme as detailed below :

Name of the Scholar	ABILA R
Registration No.	19223162092016
Discipline	Mathematics
Gender / Community	Female / BC
Nationality	INDIAN
PWD Status	Not Applicable
Admission Based On / Mode	M.Phil / PART TIME
Research Centre	Scott Christian College (Autonomous), Nagercoil
Name of the Supervisor with Address	Dr. T. Binu Selin, Assistant Professor Department of Mathematics, Scott Christian College (Autonomous), Nagercoil, 629003 Mobile No. : 8870100931, Email ID : binuselin@gmail.com
Name of the Co-Supervisor with Address	NIL
Doctoral Committee Members	1. DR Y S IRINE SHEELA , ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS, SCOTT CHRISTIAN COLLEGE, NAGERCOIL - 629 003 Mobile No. : 9442390257, Email ID : irinesheela@gmail.com
	2. DR A VIJAYAN, ASSOCIATE PROFESSOR, DEPARTMENT OF MATHEMATICS, NESAMONY MEMORIAL CHRISTIAN COLLEGE, MARTHANDAM Mobile No. : 9442761471, Email ID : dravijayan@gmail.com
Proposed Title	A STUDY ON NON SPLIT GEODETIC SETS AND POLYNOMIAL OF GRAPHS
Date of Commencement	22.07.2019

  
ASSISTANT SUPERINTENDENT ASSISTANT REGISTRAR


DIRECTOR

Copy To : Supervisor, Co-Supervisor (if applicable) / Research Centre / Doctoral Committee Members

Research collaboration

Research Centre

Department of Physics

Nanjil Catholic College
of Arts and Science

Kaliyakkavilai

Research Collaboration

(Combined Publication)

Research Centre, Department of Physics, Nanjil Catholic College has research collaboration (combined publication) with following institutions.

1. Women's Christian College, Nagercoil, India
2. Holy Cross College, Nagercoil, India
3. Nesamony Memorial Christian College, Marthandam, India
4. Scott Christian College, Nagercoil, Tamil Nadu
5. Department of Chemistry, The University of Lahore, Lahore 54590
Pakistan
6. Department of Chemistry, University of Shiwal, Sahiwal, Pakistan
7. Department of Chemistry, University of Central Punjab, Lahore 54590
Pakistan
8. Chemistry Department, College of Science, King Saud University,
Riyadh 11451, Saudi Arabia
9. School of Materials Science and Engineering, Jiangsu University,
Zhenjiang 212013, China
10. Department of Chemistry, Faculty of Science, University of
Kragujevac Serbia
11. Department of Physics, Annai Velankanni College, Tholayavattan,
India
12. Centre for Molecular and Biophysics Research, Department of
Physics Department of Physics, Mar Ivanios College,
Thiruvananthapuram, India
13. Department of Biological Sciences, International Islamic University,
Islamabad, Pakistan

14. Department of Biotechnology, Kamaraj College of Engineering and Technology, Virudhunagar, Tamilnadu, India
15. Department of Food Sciences & Nutrition, College of Food & Agriculture Sciences, King Saud University, Riyadh 11451, Saudi Arabia
16. Department of de Quimica Organica, Universidad de Cordoba, Edificio Marie Curie (C-3), Ctra Nnal IV-A, Km 396, E14014 Cordoba, Spain
17. Division of Pharmacy and Optometry, Faculty of Biology, Medicine and Health, School of Health Sciences, University of Manchester, Manchester, UK
18. Department of Physics, Manonmaniam Sundaranar University, Tirunelveli, Tamilnadu, India

Department of Physics Women's Christian College, Nagercoil, India

1. Identification of anticoagulants activity using structural, spectroscopic and molecular docking analysis of 6-methyl coumarin
(Loice Bessylet, C.Gnana Sambandam, M.Amalanathan, and D.Usha)
International journal of research and analytical reviews, October 2018, Volume 5, Issue 4. 2018
Link to the article
<http://www.ijrar.org/papers/IJRAR1904202.pdf>
2. 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>
3. 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>

4. 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>

5. 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>

6. Molecular structure, spectroscopic, Fukui function, RDG, anti-microbial and molecular docking analysis of higher concentration star anise content compound methyl 4-methoxybenzoate-DFT study
Journal of Molecular Structure Volume 1238 ,2021
(M. Latha Beatrice , S. Mary Delphine, M. Amalanathan, M. Sony Michael Mary , H. Marshan Robert , K. Thibi Mol)

[Link to the article](#)

<https://doi.org/10.1016/j.molstruc.2021.130381>

7. 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)
SPECTROSCOPY LETTERS, Volume 54, 2021

[Link to the article](#)

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

8. Synthesis, structural, spectroscopic and docking studies on (E)-1-Ferrocenyl-3-phenylpropen-1-one by the density functional theory
(M. Amalanathan, M.SonyMichaelMary, M.LathaBeatrice, S.MaryDelphine, H.MarshanRobert, A. R.Twinkle, ZoranRatkovic and Y.Samson)
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
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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
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Journal of Molecular Structure Volume 1238 ,2021
[Link to the article](#)
<https://doi.org/10.1016/j.molstruc.2021.130381>
2. Synthesis, structural, spectroscopic and docking studies on (E)-1Ferrocenyl- 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>



THIRUVANANTHAPURAM DAIRY

[ISO 9001:2015 & ISO 22000:2005 Certified]

P.B. No. 4, Ambalathara, Poonthura P.O., Thiruvananthapuram - 695 026

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Fax: 0471 - 2382192, E-mail : milmatd@gmail.com, trcmputd@milma.com

GST No.32AAAAT9795J3ZV Web: www.trcmputd@milma.com

No.TD/PER/36/92/Vol.13/2977

02.12.2019

CERTIFICATE

This is to certify that Mr. Aacish G P, M.Sc. Chemistry students of Nanjil Catholic College of Arts & Science, Nedumcode, Kaliyakkavilai have successfully completed the Internship in this Dairy from 25.11.2019 to 29.11.2019 as a part of his curriculum.

We wish all success for his future endeavors.

Asst. Manager (HRD)



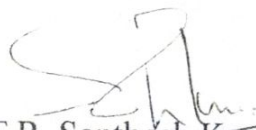
Dr. T.R. Santhosh Kumar
Scientist G
Integrated Cancer Research

CERTIFICATE

This is to certify that **Ashish Wilfred. P.**, pursuing 1st year M.Sc. Chemistry from Nanjil Catholic College of Arts and Science, Kaliyakkavila, affiliated to Manonmanium Sundaranar University has completed three weeks internship from November 18th to December 6th 2019 under my supervision at Integrated Cancer Research and Chemical Biology division of Rajiv Gandhi Centre for Biotechnology, Thiruvananthapuram, Kerala. During this internship period, he has learnt techniques such as HPLC, FTIR, Nano Fiber electro spinning unit, Western Blotting, Advanced Fluorescent Microscopy, Cell culture Techniques from the laboratory.

6th December 2019

Thiruvananthapuram


T.R. Santhosh Kumar
Dr. T. R. SANTHOSH KUMAR
Scientist G
Cancer Research
Rajiv Gandhi Centre for Biotechnology
Thiruvananthapuram, Kerala-695 014



THIRUVANANTHAPURAM DAIRY

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GST No.32AAAAT9795J3ZV Web: www.trcputd@milma.com

No.TD/PER/36/92/Vol.13 / 2977

02.12.2019

CERTIFICATE

This is to certify that Mr. Nijan S, M.Sc. Chemistry students of Nanjil Catholic College of Arts & Science, Nedumcode, Kaliyakkavilai have successfully completed the **Internship** in this Dairy from 25.11.2019 to 29.11.2019 as a part of his curriculum.

We wish all success for his future endeavors.

Asst. Manager (HRD)





Lofty Optical Industries

An ISO 9001 : 2015 Certified Company

E-mail : loftyindia@gmail.com

Website : www.loftyindia.com

Date: 13/07/2020

TO WHOMSOEVER IT MAY CONCERN

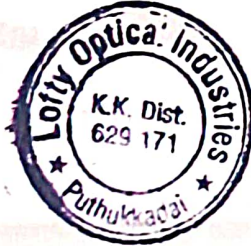
Completion Certificate

This is to certify that **Mr. ASHLIN EBENEZER.J.S (Reg No: 2018312108206)** doing **MSW** in **Nanjil Catholic College Of Arts And Science Kaliyakavilai**. He has done the internship in our organization **Lofty Optical Industries, Puthukkadai**". From a period of **8th June 2020 to 30th June 2020**. During that period attendance and attitude were found good. We wish all success in his future endeavor.

Thanking you

LOFTYOPTICAL INDUSTRIES


General Manager



DMWIMS/HR/LND/TCR/2020/0055

30th June, 2020



DM WIMS
Medical College & Hospital

TO WHOMSOEVER IT MAY CONCERN

This is to certify that **Ms. DHANYA MOHAN** has successfully undergone training in the department of **Guest Relations** for a period of 25 days with DM Wayanad Institute of Medical Sciences.

We wish all the success for her future.

For DM Wayanad Institute of Medical Sciences,

Sangeetha Susan Prem

Senior Manager – Human Resources





TIN 33304040477 CST 221411

A.T.S GROUP OF COMPANIES

504, No.2 Road, Rallady, Mayiladuthurai - 609 003

E-Mail : ats@atsgroups.com Phone : 04364 -222256, 222656, 320956

PAN AADPT 1791Q G-I 1769-T TAN CHET 07548C

Date : 03/07/20

CERTIFICATE

This is to certify that Miss.Janeefa RJ MSW (HR) student of Nanjil catholic college of arts and science, Nedumgode, kaliyakkavilai, Tamilnadu 695502 has carried out her one month internship at ATS GROUP OF COMPANIES, Mayiladuthurai, from June 01.06.2020 to 30.06.2020.

During the internship period her performance has been found satisfactory, we wish her all the best for future endeavours.




(Managing Director)

A.M.L. NEUROPSYCHIATRIC CLINIC

Dr. A. Arul Mary Lubeeth, MD (PSY)
Consultant Psychiatrist

Date 30/6/20

TRAINING CERTIFICATE

This is to certify that Mrs. J. Jeba Cristy, of Nanjil Catholic College of Arts and Science underwent block placement training in our institution between 5th June to 30th June 2020. During this period she got training in case work, counseling, documentation and trained a visually challenged person to access computer independently for his effective school teaching. Her conduct and character during this training period was excellent.

I wish her future endeavors a great success.

A. Arul Mary Lubeeth
30/6/20
Dr. A. ARUL MARY LUBEETH, MD(PSY)
A.M.L. NEURO PSYCHIATRIC CLINIC
384, Joe Daniel St (Near Paalpannai)
K.P. Road, Nagercoil - 629 003
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PAN AADPT 1791Q G-I 1769-T TAN CHET 07548C

Date : 03/07/20

CERTIFICATE

This is to certify that Miss.Shamini.TC MSW (HR) student of Nanjil catholic college of arts and science, Nedumgode, kaliyakkavilai, Tamilnadu 695502 has carried out her one month internship at ATS GROUP OF COMPANIES, Mayiladuthurai, from June 01.06.2020 to 30.06.2020.

During the internship period her performance has been found satisfactory, we wish her all the best for future endeavours.



(Managing Director)