

RESUME

NAME: Sicily Rilu Joseph

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EDUCATIONAL BACKGROUND:

- Post Graduate in Chemistry from St.Teresa's College(Autonomous) affiliated to MG University, Kottayam in 2017 with A+ (95%).
- Chemistry graduate from St.Teresa's College, Ernakulam(under MG University, Kottayam) in 2015 with 94.5%.
- Passed Senior School Certificate Examination(Class 12) from Assisi Vidyaniketan Public School(CBSE) in 2012 with 87.4%.
- Passed Secondary School Examination(class 10) from Assisi Vidyaniketan Public School(CBSE) in 2010 with 95%.

PROJECTS DONE:

- BSc Project- 'Spectrophotometric determination of Iron content in leaf samples' under the guidance of Mrs.Anitta Antony in the academic year 2014-2015.
- MSc Project-'Synthesis,Characterization and antimicrobial studies of biodegradable polymers and its metal complexes' under the guidance of Dr.JayaT.Varkey in the academic year 2016-2017.

ACHIEVEMENTS AND CERTIFICATES:

- Coordinator of Dr.(Sr.) Bertille endowment lecture on 'Computational Chemistry' by Dr.Cyriac Mathew organized by Department of Chemistry and Centre for Research of St.Teresa's College(Autonomous),Ernakulam on February 6,2019.
- Participated in the Albertian Knowledge Summit-An International Conference on Multidisciplinary Research organized by St.Albert's College (Autonomous), Ernakulam on 4th and 5th January 2019.
- Guided two projects by final year B.Sc Chemistry students of Department of Chemistry and centre for Research of St.Teresa's College(Autonomous),Ernakulam.
- Navadarshan incharge ,Scholar Support Program(SSP) coordinator,library and book purchase incharge of the Department of Chemistry and Centre for Research during the academic year 2018-2019.
- Organizing committee member of the following programs organised by the Department of Chemistry and Centre for Research of St.Teresa's College,Ernakulam-student enrichment programme-'Career prospects of Women in Industry',workshop on microscale volumetric analysis,Higher education and research at IISER-outreach program, Faculty enrichment programme-Teresian Ecofriendly Recycling and Reusing Activities(TERRA),Enrichment program-Total quality management,State level workshop

for laboratory staff-FAST 2018,Erudite lecture program by Prof.Toshiaki Enoki,Women achievers in Science 2019,Dr.Sr.Bertille endowment lecture on Spectroscopy,thermodynamics of living cells.

- Qualified for lecturership in the Joint CSIR-UGC NET exam held on 17th December,2017 with an all India rank of 51.
- Qualified Graduate Aptitude Test in Engineering-GATE 2018 in Chemistry with an all India rank of 3678 out of 19500 candidates who appeared in the paper.
- Dr.(Sr) Bertille Memorial Prize for the outstanding student of second year P.G Chemistry from St.Teresa's College(Autonomous),Ernakulam for the academic year 2016-2017.
- Presented a paper(posters) in Prof.K.V.Thomas Endowment International Symposium on 'New Trends in Applied Chemistry'(NTAC-2017) organized by the Post Graduate and Research Department of Chemistry,Sacred Heart College,Thevara,Kochi on 9-11 February,2017.
- Presented a paper(posters) in the UGC sponsored National seminar on 'Advancements in Polymer Science and Technology' organized by Post Graduate Department of Chemistry,St.Teresa's College(Autonomous),Ernakulam on 24-25 January,2017.
- Presented a paper(oral) in the National Seminar on 'Nanomaterials and its Advances in Chemical and Life Sciences' organized by the Department of Chemistry,St.Xavier's College for Women,Aluva on 5,6 January 2017.
- Participated in a two day National seminar on 'Smart materials-Theory and Applications' held at Post Graduate and Research Department of Chemistry, Maharaja's College, Ernakulam on 8,9 December,2016
- Participated in the student start-up exhibition held in connection with BIIC held on 15,16 December,2016 at Mahatma Gandhi University.
- Presented a paper(oral) entitled 'Biodegradable polymers in heterogeneous catalysis and their antimicrobial activities-a green chemical approach' in the 26thSwadeshi Science Congress organized by Swadeshi Science Movement,Kerala at CMFRI,Kochi during 7-9 November,2016.
- Certificate of participation in the Prof.V.A Joseph Endowment seminar on 'Spectroscopy' jointly organized by the Department of Chemistry,Sacred Heart College,Thevara and MG University,Kottayam on March 27,2015.
- Participated in the 16th Professor P.J Joseph Memorial Inter Collegiate Science Quiz organized by Department of Chemistry,Sacred Heart College(Autonomous), Thevara on 27 January,2016.
- 'Outstanding student award for selfless service' for Teresian Rural Outreach Program(TROP) from St.Teresa's College,Ernakulam in the academic year 2014-2015.
- Professor Annakutty Prize for the 'Best all rounder' from BSc degree class in Chemistry for excellence in curricular and co-curricular fields from St.Teresa's College in the academic year 2014-2015.
- Third prize in debate competition on 'Revolution in technology and existence of Ozone' held at St.Michael's College,Cherthala on 8 October,2014.

- Passed ‘Certificate in Business studies’ from St.Teresa’s College,Ernakulam in March 2013.

WORK EXPERIENCE:

- Worked as a guest faculty in the Department of Chemistry and Centre for Research of St.Teresa’s College(Autonomous),Ernakulam in the academic year 2018-2019(1 year).

RESEARCH EXPERIENCE:

- Ongoing work under the guidance of Dr.Jaya.T. Varkey - ‘Design and Fabrication of antibacterial nano fiber tea bags for clean drinking water’ approved by the Business Innovation and Incubation Centre(BIIC) of Mahatma Gandhi University, Kottayam.
- Guided two projects by final year B.Sc Chemistry students of Department of Chemistry and centre for Research of St.Teresa’s College(Autonomous),Ernakulam during the academic year 2018-2019:
‘Synthesis and Characterization of Starch-Urea based biodegradable polymeric ligand and its coordination complex with Zn(II) metal’
‘Synthesis,Characterization and antimicrobial studies of Schiff base and its metal complexes.’
- Worked as an Intern at Department of Chemistry and Centre for Research of St.Teresa’s College(Autonomous),Ernakulam for three months(February-April,2018) under the guidance of Dr.Jaya.T.Varkey.

PUBLICATION:

- Published a paper titled ‘Synthesis,characterization and antimicrobial studies of biodegradable polymers and their polymer metal complexes’ in World Journal of Pharmaceutical Research(ISSN 2277-7105,Volume 6,Issue 17,1111-1125)

PERSONAL DETAILS:

DATE OF BIRTH:23/07/1994

AGE: 24

FATHER:N.P Joseph

OCCUPATION:Business

MOTHER:Reena Joseph

OCCUPATION:Home Maker

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