

Dr Ronald Nazareth

Registrar St Aloysius

(Deemed to be UNIVERSITY)

Contact

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Skills

Motivation

Academic Calendar
Management

Adaptability and Flexibility

Enrollment Management

Analytical Skills

Team building

Organizational Skills

Multitasking

Inspiring Professor brings advanced teaching skills and department leadership experience. Goal-oriented to advance department, improve teaching and modernize courses. Extensive background in research and university fundraising. Student-centered Professor with expertise in Analytical Electrochemistry. Offers 31-year background supporting students, developing instructional plans and organizing and grading exams and tests. Commended for sustaining effective learning environment through prepared classes and relevant assignments and consistently achieving classroom management and academic goals.

Research Output

Publications

- Produced a robust body of scholarly work with 21 papers published in esteemed peer-reviewed journals, showcasing dedication to advancing knowledge in the field.

Engagement and Dissemination

- Demonstrated active involvement in academic discourse by presenting research findings at over 25 conferences and seminars, fostering dialogue and collaboration within the scholarly community.

Knowledge Dissemination

- Served as a resource person for numerous conferences and seminars, contributing expertise and insights to enhance understanding and exchange of ideas among peers and participants.

Projects

- Successfully executed a minor research project funded by UGC titled "Synthesis of Functionalized Nano Particles and Its Application to Inhibition of Corrosion of Maraging Steel," with a grant of 4.9 lakhs, addressing critical challenges in material science and corrosion prevention.

Mentorship

- Provided mentorship to over 75 Master's level students, guiding them through their thesis projects, nurturing the next generation of researchers, and fostering intellectual growth and academic excellence.

Research Papers

- Saji, S., Nazareth, R. A., Sudhakar, Y. N., & Desai, N. (2025). Carbon dot-infused gel polymer electrolytes: A new horizon for redox-enhanced supercapacitors. *Journal of Alloys and Compounds*. <https://doi.org/10.1016/j.jallcom.2025.179514>
- Pujari, S., Desai, N., Sudhakar, Y. N., Nidhin, M., & Nazareth, R. A. (2025). Polyoxometalate/ α -Fe₂O₃/polyaniline composite: Tailored

approaches for high-performance supercapacitors. *Journal of Alloys and Compounds*, 1010, 177306. <https://doi.org/10.1016/j.jallcom.2024.177306>

- Bangera, Deeksha N; Sudhakar, YN; Nazareth, Ronald Aquin; , Concrete-based energy storage: exploring electrode and electrolyte enhancements, *RSC advances*, 14, 39, 28854-28880, 2024, Royal Society of Chemistry
- Devadiga, Vidya; Pinto, Geetha M; Nazareth, Ronald; Amrutha, K; , Synthesis of functionalized α -Fe₂O₃ nanoparticles: Characterization and applications, *Materials Today: Proceedings*, , 2023, Elsevier
- Natash Mary, Rachael; Nazareth, Ronald; Suchetan, Parameshwar Adimule; Potla, Krishnamurthy; , Schiff bases derived from triazoles as corrosion inhibitors for maraging steel in acid mixtures: experimental and theoretical studies, *Polycyclic Aromatic Compounds*, 43, 3, 2788-2809, 2023, Taylor & Francis
- Geetha, M.P.; Nazareth, R.; Surya, P.; Pratheeksha, P.; Suchetan, P.A.; , Synthesis of Ca-doped CeO₂ Nanoparticles for the Enhanced Adsorption Activity of Chitosan and Other Applications, *Asian Journal of Chemistry*, 35, 2, , 2023,
- Mary, Rachael Natash; Nazareth, Ronald; Adimule, Suchetan Parameshwar; Potla, Krishnamurthy; , Investigation of corrosion inhibition property of triazole-based schiff bases on maraging steel in acid mixtures, *Journal of Failure Analysis and Prevention*, 21, 2, 547-562, 2021, Springer US New York
- Prasad, Ashwini; Nazareth, Ronald A; , Synthesis of 4- $\{[E]-[3\text{-methyl-5-sulphanyl-4H-1, 2, 4-triazol-4-yl}] \text{ imino} \}$ methyl} benzaldehyde and its complexes with Ag (I), Hg (II), Zn (II), Co (II), Ni (II) ions and its characterisation, *Indian Journal of Chemistry-Section A (IJCA)*, 60, 5, 649-655, 2021,
- Nazareth, Ronald A; , L-Cysteine Hydrochloride As A Complexing Agent For The Determination Of Cobalt (II) By Spectrophotometric Method., *Rasayan Journal of Chemistry*, 13, 4, , 2020,
- Shet, Nandini; Nazareth, Ronald; Suchetan, Parameshwar Adimule; , Corrosion inhibition of 316 stainless steel in 2M HCl by 4- $\{[4\text{-}(\text{dimethylamino}) \text{ benzylidene}] \text{ amino}\}$ -5-methyl-4H-1, 2, 4-triazole-3-thiol, *Chemical Data Collections*, 20, , 100209, 2019, Elsevier
- Nellikaya, Gopalakrishna Bhat; Nazareth, Ronald Aquin; , A selective complexometric method of L, *Research Journal of Chemical*, 9, 4, 30-33, 2019,

- Pinto, GM; Nazareth, R; , Green synthesis and characterization of zinc oxide nanoparticles, *Journal of chemical and Pharmaceutical Research*, 6, , 427-432, 2016,
- Sreekumar, Narachum V; Bhat, Nellikalaya G; Narayana, Badiadka; Nazareth, Ronald A; Hegde, Prashant; Manjunatha, Busnur R; , Selective complexometric determination of titanium (IV) using sodium potassium tartrate or ascorbic acid as masking agent, *Microchimica Acta*, 141, , 29-33, 2003, Springer
- Nazareth, Ronald A; Narayana, B; , Spectrophotometric determination of nickel in alloys using 5-mercapto-3-methyl-4-[2-pyridylideneamino]-1, 2, 4-triazole (MMPT), 2003, NISCAIR-CSIR, India
- GOPALAKRISHNA BHAT, N; Narayana, B; AQUIN NAZARETH, Ronald; Sreekumar, NV; Nambiar, CHR; , Spectrophotometric determination of nickel using sulfosalicylic acid, *Journal of the Indian Chemical Society*, 80, 10, 939-940, 2003, Indian Chemical Society
- Sreekumar, Naracham Veedu; Nazareth, Ronald Aquin; Narayana, Badiadka; Hegde, Prashant; Manjunatha, Busnur Rachotappa; , Indirect complexometric determination of mercury (II) using potassium bromide as selective masking agent, *Microchimica Acta*, 140, , 63-67, 2002, Springer
- Sreekumar, NV; Narayana, B; Nazareth, RA; Bhat, NG; Hegde, Prashant; Manjunatha, BR; , Indirect complexometric determination of thorium (IV) using 5-sulfosalicylic acid as masking agent, *Chemia Analityczna*, 47, 5, 759-764, 2002,
- Sreekumar, NV; Narayana, B; Bhat, N Gopalakrishna; Nazareth, Ronald A; Hegde, Prashant; Manjunatha, BR; , Indirect complexometric determination of cadmium (II) using sodium thiosulfate as a masking agent, *Chemia Analityczna*, 47, 5, 765-768, 2002,
- Nambiar, CH; Narayana, B; Sreekumar, NV; Nazareth, RA; BHAT, N Gopalakrishna; , Spectrophotometric determination of platinum (IV) using anthranilic acid, *Journal of the Indian Chemical Society*, 79, 9, 778-779, 2002, Indian Chemical Society
- Sreekumar, Naracham Veedu; Nazareth, Ronald Aquin; Narayana, Badiadka; Hegde, Prashant; Manjunatha, Busnur Rachotappa; , Indirect complexometric determination of thorium (IV) using sodium fluoride as masking agent, *Microchimica Acta*, 140, , 77-79, 2002, Springer
- Nazareth, RA; Sreekumar, NV; Narayana, B; , Indirect complexometric determination of mercury (II) using sodium chloride as selective masking agent, *Chemia analityczna*, 47, 4, 645-649, 2002,

- Nazareth, Ronald Aquin; Narayana, B; Sreekumar, NV; , Spectrophotometric determination of copper (II) using 4-vanillideneamino-3-methyl-5-mercapto-1, 2, 4-triazole (VAMMT), 2001, NISCAIR-CSIR, India
- Nazareth, Ronald Aquin; Sreekumar, NV; Narayana, B; , Indirect complexometric determination of mercury (II) using guanidine nitrate as a selective masking agent, Analytical sciences, 17, 11, 1339-1341, 2001, The Japan Society for Analytical Chemistry

Patents Published

- Application number: 202441078780 A
Title of the Invention: Supercapacitor comprises of activated carbon/graphene electrode and xanthan gum-based gel polymer electrolyte
- Application number: 202441086243 A
Title of the Invention: A method for preparation of carbon dot-infused gel polymer electrolyte for supercapacitor

Work History

2024-02 - Current	Registrar <i>St Aloysius (Deemed To Be University), Mangalore, Karnataka, India</i> <ul style="list-style-type: none">• Performed regular quality and validation assessments on patient data to verify accuracy.• Verified paperwork accuracy and checked for completion prior to processing.• Prepared balanced course schedules, student rosters and class lists.• Improved data integrity by conducting regular audits of student records and making necessary corrections.• Supported academic advising efforts by providing timely access to student records, enabling informed decision-making about course selections and degree progress.• Addressed registration, student accounts and billing inquiries to limit enrollment disruptions.• Assisted with accreditation efforts through meticulous record-keeping and timely submission of required documentation.• Facilitated seamless course enrollment for students with timely processing of requests and effective communication
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2022-06 -
Current

Director, International And Domestic Relations

St Aloysius (Deemed To Be University), Mangalore, India

- At present 107 Domestic and 39 International Collaborations established
- Facilitated cross-functional collaboration for improved decision-making processes within organization.
- Strengthened internal controls by reviewing existing policies and procedures, ensuring compliance with regulatory requirements.
- Established culture of continuous improvement by fostering open communication channels and empowering employees to voice their ideas.
- Cultivated positive work environment that fostered employee engagement, increased retention rates, and boosted overall team morale.

2018-05
Current

- **International Collaboration**

St Aloysius (Deemed To Be University), Mangalore, India

- Enhanced international collaboration by establishing and maintaining partnerships with global organizations.
- Was management representative for ASSEMBLY OF International Association of Jesuit Universities held at Deusto University, Bilbao, Spain in 2018
- Was member of management team to Portugal for signing MoU with universities from Lisbon, Porto and Vila Real of Portugal
- Visited University of Namur Belgium and Organized bilateral discussions at fostering collaboration opportunities with top management.
- Represented college in bilateral discussions with Universities of Pennsylvania in Bangalore, fostering potential academic partnerships
- Promoted international collaboration through simultaneous interpretation at conferences, seminars, and business meetings.
- Spearheaded global mobility initiatives that fostered international collaboration and knowledge sharing among employees worldwide.
- Facilitated study abroad opportunities for students interested in pursuing international research experiences or collaborations with foreign institutions.
- Developed and maintained strong relationships with key stakeholders to drive successful cross-functional collaboration on international projects.

2019-05
Current

- **Coordinator, RISHII Programme**

Deusto University, Spain, Spain

- As programme coordinator of EU Strategy on India signed on 20 Nov 2018, emphasizing Internationalization of Curriculum (IoC) in collaboration with Indian institutions.
- RISHII, focuses on devising management strategies essential for planning and executing curriculum internationalization.
- Our primary goal is to enhance communication and cooperation among all stakeholders

- engaged in curriculum internationalization endeavors.
- By adopting methodologies and frameworks provided by RISHII, Indian Higher Education Institutions (HEIs) can significantly enhance their organizational efficiency and effectiveness.
- RISHII specifically emphasizes development of strategic planning skills and promotion of globally open pedagogy among project participants.
- Aim is to demonstrate that Curriculum Internationalization principles are universally applicable across diverse academic disciplines, thereby enabling Indian partners to implement these principles across all programmes offered by HEIs.
- Through collaborative efforts, we strive to elevate the standard of education and promote global engagement in Indian higher education landscape.
- Participated in 5th general meeting of RISHII in Deusto University, Bilbao Spain, and submitted Strategic plans of Institute for Internationalization of Curriculum
- Represented college at 6th general meeting of RISHII in Jawaharlal Nehru University New Delhi, encouraging for international collaboration.

1993-07 -
Current

Associate Professor Department of Undergraduate and Post Graduate Studies and Research in Chemistry

St Aloysius (Deemed To Be University), Mangalore, India

- Associate Professor of Chemistry, with teaching experience of over 31 years for UG and 17 years for PG
- Mentored students and advised on career paths, degree requirements and post-graduate education options.
- Organized extracurricular activities that enriched students' educational experience while also promoting community involvement.
- Participated in various campus memberships at each assigned school to promote academics and faculty development.
- Conducted engaging in-class discussions to facilitate learning and encourage participation.
- Contributed to the development of a comprehensive curriculum, ensuring alignment with state standards and academic goals.

- Collaborated with colleagues to share best practices, refine instructional strategies, and improve overall teaching quality.
- Updated curricula and lesson plans for primary instructors, researching developments in relevant fields and updating materials to reflect most recent data and statistics.
- Researched and selected course texts and supplemental learning materials.

1998-07
Current

- **Students Welfare Officer and Student Counsellor**

St Aloysius College (Autonomous), Mangalore, India

- Was the students welfare officer, student counsellor for undergraduate and post graduate students
- Developed and maintained strong relationships with community resources for successful referrals.
- Participated in professional development and training opportunities to enhance clinical skills.
- Evaluated program effectiveness using established performance indicators, ensuring that goals were met or exceeded each fiscal year.
- Addressed Students and faculty grievances professionally and efficiently, resolving conflicts and maintaining positive relationships across the College

2021-06
Current

- **Coordinator, Certificate Courses**

St Aloysius (Deemed To Be University), Mangalore, India

- The University designed over 120 Certificate courses over wide range of subjects and were offered to the students using LMS portal of the College
- Courses were designed to enhance the student comprehension by incorporating real-world examples and case studies
- Advised undergraduate and graduate students on course selection, research interests ensuring timely completion of their courses
- Designed the Assessment criteria for students' progress and provided feedback to enhance learning.
- Gave guidelines to Create syllabus and instructional plans for each session in accord with stated course objectives.

- 2011-06 - **Coordinator of STAR COLLEGE SCHEME**
Current
St Aloysius College (Autonomous), Mangalore, India
- At present is the coordinator of STAR COLLEGE SCHEME of St Aloysius College, a scheme by Department of biotechnology Government of India
 - Represented the college every year in the Expert committee meetings held in New Delhi
 - Participated in the progress evaluation of the Star College Scheme in Pondicherry where the college was graded as A+
 - This scheme is upgraded to STAR STATUS and St Aloysius College is now one among the 2 colleges in India getting this status in Karnataka
- 2019-03 - **Advisory Committee Member**
Current
Star College Scheme, Mangalore, India
- Advisory committee member for the activities of Star College Scheme in SVS College Bantwal and SDM College Ujire where the recommendations are provided to
 - Strengthen practical experimentation in student learning to foster hands-on skills and comprehension.
 - Broaden undergraduate access to laboratory and bioinformatics facilities to enrich their educational experience.
 - Facilitate students' access to life sciences journals to deepen their understanding and research capabilities.
 - Introduce summer schools to provide immersive learning opportunities and broaden students' horizons.
 - Track the percentage of students choosing life science careers to gauge the impact of implemented initiatives.
 - Evaluate the effectiveness of the initiatives through comprehensive feedback from students and faculty members.
- 2006-06 - **Coordinator for National Seminars and Intercollegiate Chemistry Programmes**
Current
St Aloysius College (Autonomous), Mangalore, India
- Coordinator for the National seminars and Intercollegiate chemistry programmes held for the students of Pre University and UG and PG level

- Coordinated cross-functional teams, resulting in seamless project execution and enhanced outcomes.
- Collaborated with department heads to develop strategic plans for organising the popularisation programmes, seminars, conferences and workshops

2019-08
Current

- **Resource Person for Chemistry Seminars**

St Aloysius (Deemed To Be University), Mangalore, India

- Resource person for many seminar in chemistry for college teachers and students of PUC graduate and Postgraduate level
- Resource person for the Pre University chemistry lecturers of DK, Udupi, Hassan, Chickmagalore districts on techniques in chemistry teaching at the Pre University level
- Topics Covered Electronic Spectra of Coordination Compounds, ICT in Chemistry, Best Practices in Higher Educational Institutions

2016-06
Current

- **Indian Examiner for PhD Viva Examination**

St Aloysius (Deemed To Be University), Mangalore, India

- Indian examiner for the PhD viva examination

2018-04
Current

- **Research Supervisor for Ph D**

Mangalore University, Mangalore, India

- Research Supervisor for Ph D under Mangalore University
- Presently 4 students are working for the PhD
- Conducted thorough literature reviews to inform study design and ensure relevance to current trends in the field.
- Initiated cross-department collaborations to facilitate interdisciplinary research projects.
- Evaluated team performance objectively, providing constructive feedback to research scholars for continuous improvement efforts.
- Regularly monitored project progress against milestones, adjusting timelines as needed to meet deadlines without sacrificing quality of work.
- Developed research proposals, identified research objectives and created research plans.
- Continuously updated personal knowledge of industry advancements by attending workshops or seminars regularly.

- Developed strong relationships with internal colleagues across different departments, fostering a positive working environment that promoted teamwork.

2022-06 - **Director, Loyola Centre for Research & Innovation**
2024-03

St Aloysius (Deemed To Be University), Mangalore, India

- Cultivated a positive work environment that fostered Faculty and support staff engagement, increased retention rates, and boosted overall morale.
- Spearheaded innovative approaches to Research resource allocation and strategic planning for the optimal output.
- Established a culture of continuous improvement by fostering open communication channels and empowering all faculties to voice their concerns and ideas.
- Tracked trends in Research and suggested enhancements to both challenge and refine College's Research offerings.
- Optimized Faculty performance by designing comprehensive training programs tailored to individual needs.
- Strengthened internal controls by reviewing existing policies and procedures, ensuring compliance with regulatory requirements.

1998-06 - **Associate NCC Officer**
2010-03

NCC Air Wing, Mangalore, India

- Was the Associate NCC Officer of NCC Air wing for 15 years
- Was the contingent commander for the Karnataka and Goa contingency for All India Vayu Sainik camp held at Hyderabad

Education

2003-02 **Ph.D.**
Mangalore University - Mangalore, India

1996-10 **SLET**
Mysore University - Mysore

1993-04	Master of Science <i>St Joseph's College - Bengaluru, India</i>
1991-04	Bachelor of Science <i>Poornaprajna College - Udupi, India</i>
1988-04	PUC <i>St Mary's P U College, - Shirva, Udupi District, Karnataka, India</i>
1986-04	Primary And High School <i>St John's Higher Primary And High School</i>

Textbook Author - Levels

Authored Textbook for First Year and Second Year Pre-University Students of Karnataka State:

- Developed comprehensive textbooks tailored to the curriculum of first and second-year pre-university students in Karnataka.
- Ensured alignment with Karnataka State Board educational standards and requirements.
- Integrated innovative teaching methodologies and practical examples for enhanced comprehension.
- Received positive feedback from educators and students for its effectiveness.

Authored Tutor Book for First Year and Second Year Pre-University Students of Karnataka State:

- Created supplementary tutor books to reinforce concepts from the first and second-year pre-university textbooks.
- Included additional practice exercises, worked examples, and problem-solving strategies.
- Addressed common areas of difficulty based on feedback from educators and students.
- Acknowledged by teaching professionals for its utility and effectiveness.

Authored Book for the Preparation of CET, NEET, and JEE Examinations in Chemistry:

- Developed a comprehensive guidebook for students preparing for CET, NEET, and JEE examinations in chemistry.
- Compiled practice questions, mock tests, and solved examples covering the entire chemistry syllabus.

- Organized content systematically to emphasize key concepts and topics relevant to the exams.
- Provided valuable tips, strategies, and shortcuts to optimize study approaches.
- Recognized by students and educators for its effectiveness in enhancing exam performance.