

# ANGITHA FRANCY



**Date of Birth:** 31-03-1995

**Gender:** Female



## CONTACT

+91 9656045435

angithafrancy@gmail.com

Chirayath House,  
Anthikad P O, PIN 680641



## EDUCATION

M. Sc. Chemistry, PhD in Chemical Science (Hydrophobic materials development), KSCSTE-fellow.



## CAREER OBJECTIVE

To make a good contribution to my field by applying my professional experience and fundamental beliefs in a creative manner and by giving all of my effort to the responsibilities that have been assigned to me within the organization.



## ABOUT

A highly motivated post-graduate in Chemistry with a proven track record of academic and professional excellence. Possessing a diverse range of experiences, including serving as a Chemistry Faculty at Science NET Coaching centre, and currently excelling as a Research Fellow at the Materials Science and Technology Division, CSIR-NIIST, specializing in the development of hydrophobic materials for various functional applications. Competent at obtaining, evaluating, and interpreting information to support well-informed choices and problem-solving.



## WORK EXPERIENCE

- As Project Intern at CSIR-NIIST, Thiruvananthapuram (April-June 2017)
- As a Chemistry Faculty at Science NET Coaching Centre, Thrissur (January-June 2019)
- Research Fellow at the Materials Science and Technology Division, CSIR-NIIST(2019 till present)



## NO. OF PUBLICATIONS

02



## JOB PREFERRED

Seeking opportunities in research, teaching, or industry fields within the realm of chemistry



## AREAS OF INTEREST

I'm interested in research and development roles at the intersection of materials science and chemistry, with a focus on creating novel materials for practical applications. Specifically, I'm passionate about exploring the potential of hydrophobic materials and its diverse uses.



## ACHIEVEMENTS AND AWARDS

Best Paper and Poster presentation awards in 2020, 2021 and 2023 in events conducted by University of Kerala and MG University, Kottayam



## SKILLS

: UV-Vis Spectrophotometer, FTIR, Contact Angle and Surface Area analysis. Analysing, and interpreting data from different sources to make informed decisions or solve problems. Proficient in delivering information through presentations, reports, or speeches and able to prioritize tasks, manage time efficiently, and keep work organized.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM

# ANJALI S.



**Date of Birth:** 13-09-1994

**Gender:** Female



## CONTACT

+91 9645723738

anjalisept94@gmail.com

Veliyil Pathirapally P O  
Alappuzha  
Kerala 688521



## EDUCATION

M. Sc. Organic Chemistry, PhD in Organic Chemistry- Medicinal Chemistry (UGC-SRF)



## CAREER OBJECTIVE

Seeking to join in post doc position to get more experience in Chemical Biology. Also, interested to work in Pharmaceutical companies.



## ABOUT

I'm an enthusiastic researcher specializing in the field of Medicinal Chemistry primarily in the synthesis of biologically important small molecule-based heterocycles. Basically expertized in various Organic synthesis reactions, Inorganic complex synthesis, various biological assays (DPPH, FRAP, ABTS, and enzymatic assays related to Alzheimer's disease) and various purification skills such as column chromatography, preparative TLC, crystallization, precipitation techniques, etc. I'm also interested in teaching since it is a dynamic process that requires continuous learning and adaptation.



## WORK EXPERIENCE

Worked as guest lecturer at SN College Kollam, Kerala (from October 2018 to March 2019)



## NO. OF PUBLICATIONS

04



## JOB PREFERRED

Pharmaceutical companies



## AREAS OF INTEREST

Medicinal Chemistry, Organic Chemistry, Drug Discovery, Synthesis of small molecule based heterocycles



## ACHIEVEMENTS AND AWARDS

INSPIRE Scholar, UGC JRF, Best poster award in NS-DPHM-2022



## SKILLS

I'm a passionate researcher with strong problem-solving abilities, great self-motivation, and time management skills. I'm a good listener with critical thinking skills.



## LANGUAGE

• ENGLISH • HINDI • MALAYALAM



## HOBBIES

• READING • NSS VOLUNTEER

# ANJUMOL K.P.



**Date of Birth:** 14-04-1996

**Gender:** Female



## CONTACT

+91 9061386173

anjumolkp96@gmail.com

Shelter, TRA-9,  
Moolathoppu, Perukavu P.O,  
Thiruvananthapuram,  
Kerala- 695573



## EDUCATION

M. Sc. Biotechnology, Ph.D. in Environmental Technology (Bioprocess development for the treatment of polluted gaseous stream).



## CAREER OBJECTIVE

With a master's degree in Biotechnology and four years of experience in the field of Environmental Technology, I am looking to apply my skills and contribute to the knowledge production on Environmental science and technology.



## ABOUT

As a Self-driven detail-oriented researcher in environmental biotechnology with a passion for solving problems through scientific knowledge I acquired. I have a solid background in bioscience. I am committed to delivering excellence in every task undertaken. Adept at good lab practices as well as, computational tools in application studies. I thrive in dynamic environments and constantly seeking opportunities for growth and development and contribute to the success of the organization.



## WORK EXPERIENCE

Worked as an intern in ICAR Sugar Cane Breeding Institute, Coimbatore, India during Feb 2018 to Mar 2018 in a project titled "Isolation of *Bacillus thuringiensis* and Screening for Identifying Novel Crystal Toxin (Cry genes)". The objectives of the study are the Isolation of native isolates of *B. thuringiensis* from Western Ghats in Karnataka and screening for Lepidopteran specific cry genes viz., cry1, cry9 and Coleopteran specific cry 8 genes for identifying novel BT types.



## JOB PREFERRED

Post Doc, Assistant professor, Assistant Scientist, Junior Scientific assistant



## AREAS OF INTEREST

Biotechnology, Environmental Technology and Microbiology including Biodegradation.



## ACHIEVEMENTS AND AWARDS

- Qualified CSIR-UGC NET-JRF with all India rank 136
- Successfully passed NPTEL online certification exam on Biomedical Nanotechnology with Elite category organized by Indian Institute of Technology, Roorkee.



## SKILLS

Problem solving, Critical thinking and good communication skills. Ability to work as team, and also well-versed in research and data analysis. Technical skills like Instrumentation (GC - FID, GC - TCD, Micro GC, UV spectroscopy, TOC, Respirometer, Olfactometer) Microbiology techniques (Sterilization, Isolation, streaking, straining and identification), Molecular biology techniques (DNA isolation, PAGE, AGE, paper chromatography, calorimetry, PCR, Gel elution), Bioinformatic tools and techniques : Sequence search, sequence alignment, Phylogenetic tree construction (NCBI -BLAST, MEGA 11, Bioedit), Plant biotechnology (Sterilization and culture), Enzymology ( proteins assays ) and Immunology ( ELISA).



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL



## HOBBIES

- WRITING
- READING
- LISTENING MUSIC
- GARDENING

# ARUN KUMAR S.




**Date of Birth:** 21-05-1992

**Gender:** Male

## CONTACT

 +91 9809992095

 arunskumar980@gmail.com

 Lailanivas, Kadukkara,  
Malayinkeezhu,  
Thiruvananthapuram,  
India. Pin- 695571

## EDUCATION

B.Tech /M.Tech

## CAREER OBJECTIVE

Continued Learning and Development in materials science and engineering. Aspire to pursue advanced certifications and training opportunities to expand my expertise and knowledge base. Contributing to Industry Innovation to contribute to the development of next-generation materials and technologies that address emerging challenges and opportunities in various industries. Advancing in Leadership Roles and also aspire to become a recognized subject matter expert and thought leader in the field.

## ABOUT

My passion for interdisciplinary research and product development has been the driving force behind my pursuit of excellence in material science and mechanical engineering. I am committed to develop new products and systems through innovative research and technology development. I am working on novel materials based on Mg alloys for biodegradable implant applications particularly with aluminium and magnesium based alloys and composites for various applications like automobile and biomedical. The interdisciplinary research exposure at NIIST has honed my skills, allowing me to proficiently utilize various material characterization techniques (SEM, TEM, EBSD, XRD, XPS, corrosion studies, mechanical property evaluation as well as in vitro bio characterization techniques).

## WORK EXPERIENCE

CSIR-NIIST (From July 2017 to till date).

## NO. OF PUBLICATIONS

06

## JOB PREFERRED

Industry and post-doctoral positions, Assistant professor, Assistant Scientist, Junior Scientific assistant.

## AREAS OF INTEREST

Material Sciences

## ACHIEVEMENTS AND AWARDS

CSIR Senior Research Fellowship – 2021 and Best Poster Award in 2023

## SKILLS

Experience in technical and management leadership roles, characterization techniques (optical microscopy and image analysis, SEM, mechanical testing, wear and electrochemical corrosion testing). Aptitude for networking and public speaking. Strong communication skills, presentation skills, and flexibility.

## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL

## HOBBIES

- AVID READER
- MUSIC AND SPORTS
- STUDENT ORGANISATIONS
- RESEARCH COMPETITIONS
- ADVENTURE ACTIVITIES AND LONG BIKE RIDES


# ARSHA A.G.





**Date of Birth:** 15-08-1990

**Gender:** Female

## CONTACT

 +91 8075385746

 arshaag@gmail.com

 KPNRA 151 B,  
Kanjirampara P.O  
Thiruvananthapuram-30

## EDUCATION

Ph.D. in Engineering

## CAREER OBJECTIVE

To secure a challenging position a reputable organization to expand my learnings, knowledge, and skills.

## ABOUT

Specialized in the development and analysis of aluminum alloys and composites for structural, automotive, and aerospace applications. Expertise includes investigating metallurgical, mechanical, and thermal characteristics, as well as utilizing advanced manufacturing technologies such as squeeze casting and compo casting. Additionally, experienced with functionally graded materials (FGM) and porous preforms for enhancing material properties.

## WORK EXPERIENCE

worked as project associate at CSIR-NIIST from March 2015 to till date in different projects.

## NO. OF PUBLICATIONS

8 publications and 3 book chapters

## JOB PREFERRED

Research and development

## AREAS OF INTEREST

Aluminum Alloys and Metal Matrix Composites. Graphene based composites, Functionally Graded Materials (FGM), Advanced Manufacturing Technology (Squeeze casting, Compo casting, Centrifugal casting etc. Porous preforms and squeeze infiltration processing.

## ACHIEVEMENTS AND AWARDS

First prize in Metallography contest in NMD ATM

## SKILLS

Knowledgeable in analytical techniques including optical microscopy and SEM analysis, Effective research skills and ability to work both independently and in collaboration with others, Leadership skills and strong interpersonal relationship management, Experienced in effective cross-cultural workplace interactions and adaptability

## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL

## HOBBIES

- ARTISTIC METALLOGRAPHY
- VOLUNTEERING
- BADMINTON
- DRIVING
- COOKING
- SINGER (TRAINED CARNATIC MUSICIAN)
- INSTRUMENTAL MUSIC



# AVIJA A.V.



**Date of Birth:** 13-07-1994

**Gender:** Female



## CONTACT

+91 6282334171

avijaajayakumar705@gmail.com

Karikkathuvila Puthen Veedu  
Dhanuvachapuram,  
Dhanuvachapuram P.O.  
Thiruvananthapuram,  
Kerala Pin: 695503



## EDUCATION

MSc in Chemistry, BEd in  
Physical Science, PhD in  
Chemical Sciences  
(CSIR-UGC-SRF)



## CAREER OBJECTIVE

To pursue a permanent research  
carrier in chemistry



## ABOUT

Enthusiastic, Assertive and the Ability to work under changing environments. Qualified CSIR-UGC JGF in 2019 with an AIR of 60 and currently working as a senior research fellow. Published two first author papers (IF: 4.6 and 19.9) and one coauthor paper (IF: 15). Recently got selection for the SERB-OVDF program at Purdue University, USA.



## WORK EXPERIENCE

Worked as **Guest Lecturer in chemistry**  
(July 2019 - December 2019)



## NO. OF PUBLICATIONS

03



## JOB PREFERRED

Permanent research positions, Scientist positions and  
Teaching Profession



## AREAS OF INTEREST

Halide Perovskites and device applications, Material  
Chemistry, Photochemistry



## ACADEMIC ACHIEVEMENTS

- Won two Best Poster Awards in National and International Conferences in 2020 & 2022
- Qualified CSIR-UGC National Eligibility Test/Junior Research Fellowship (60th rank all over India) in 2019
- Qualified State Eligibility Test (SET) in 2018
- Qualified Kerala Teacher Eligibility Test (KTET) in 2018



## SKILLS

UV-Visible Spectrophotometer, Fluorimeter, Modular  
Potentiostat/Galvanostat, Spin Coater, and Rotary Evaporator,  
Microsoft Office, Origin, Chem Draw, Mest ReNova, Mercury,  
MultiPak, and End Note



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL



## HOBBIES

- READING
- SINGING

# DEVI R.



**Date of Birth:** 08-08-1991

**Gender:** Female



## CONTACT



+917012262512



devirajan8891@gmail.com



Industrial Estate,  
Pappanamcode



## EDUCATION

PhD



## CAREER OBJECTIVE

Research Associate/Research scientist/Post-Doc positions in the field of Biotechnology, microbiology, protein engineering, enzymology molecular biology etc...



## ABOUT

I am a PhD student currently submitted my thesis and looking forward to new career roles. I did my PhD in Biotechnology and specialized in the fields of enzymology, fermentation, molecular biology, and protein purification and applications.



## NO. OF PUBLICATIONS

02



## JOB PREFERRED

Research associate/Research scientist/Post Doc



## AREAS OF INTEREST

Enzymology, Structural biology, Molecular biology, Bioprocess technology, protein purification and applications, genetic engineering, and immobilization of enzymes.



## ACHIEVEMENTS AND AWARDS

CSIR-UGC NET, KSCSTE JRF and 2 best oral presentation awards (PhD)



## SKILLS

Ability to work as a team, communication, problem-solving, leadership quality, data analysis, Adaptability, critical thinking, and time management.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL



## HOBBIES

- MUSIC
- SPORTS
- DANCE

# DRISHYA ELIZEBATH K.



**Date of Birth:** 01-11-1994

**Gender:** Female



## CONTACT

+919497566392

drishyaelizebathk@gmail.com



Kochenkudiyil H,  
Amaramblam P O,  
Nilambur, Malappuram



## EDUCATION

PhD in Chemistry



## CAREER OBJECTIVE

My long-term objective is to use fundamental research into practical applications that positively address issues beneficial to humanity.



## ABOUT

As an enthusiastic researcher in chemistry I have always been fascinated by the complex materials created by natural systems with a surprisingly limited repertoire. In this regard, i have tried to mimic the mechanism adopted by the biological material to create the hierarchically organized structures, cultivated a solid foundation in multi-step organic synthesis, proficient knowledge of analytical techniques, understanding of the self-assembly mechanism, and honed skills in scientific writing and review, data analysis and presentation, as well as the effective use of literature and chemical search engines. I worked with chromophores, synthesis and characterization of supramolecular polymers and synthesized different fluorescent extended pie conjugated systems gave me profound experience in handling air and moisture-sensitive reactions like n-BuLi, t-BuLi, and MeLi.



## NO. OF PUBLICATIONS

06



## JOB PREFERRED

Post-doctoral position



## AREAS OF INTEREST

Supramolecular Chemistry



## ACHIEVEMENTS AND AWARDS

- Acquired 1st Rank in M.Sc. Chemistry, Department of Applied Chemistry, CUSAT, Qualified GATE 2018 (98.5%),
- Qualified NET-JRF with an all-India Rank of 37,
- Qualified JAM-2015 Exam Conducted by IIT for M.Sc. admission,
- Acquired 2nd Rank in B.Sc. chemistry, at Calicut University,
- Kerala State Council for Science and Technology and Environment (KSCSTE), Pratibha Scholarship (2012) &
- Best paper and poster awards in 2023 and 2018.



## SKILLS

Synthesis and characterisation of supramolecular polymers, extended-conjugated systems (mainly fluorescent chromophores such as BPEA, coronene derivatives, p-phenylene ethynylene, p-phenylenevinylene, Bodipy, azobenzene, and cyanostilbene), C-C coupling reactions (Sonogashira, Heck, Suzuki, Stille), air and moisture-sensitive reactions like n-BuLi, t-BuLi, and MeLi reactions, chromatographic and characterization techniques. Computer programs such as Chem-Draw, Origin, MATLAB, MS Office, Blender, Sci-Finder, MestReNova, Topspin, Adobe Photoshop, Gatan, Multipack, NanoScope, etc.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM




# EVELINE M. ANTO





**Date of Birth:** 25-11-1990

**Gender:** Female

## CONTACT

 +919539142356

 evemariaanto@gmail.com

 Karuthedath house,  
opposite milk society,  
Mundathicode, Thrissur, Kerala

## EDUCATION

PhD, Others (GATE, CSIR-JRF, ICMR, KSCSTE, RESEARCH FELLOWSHIP etc.)

## CAREER OBJECTIVE

I am actively seeking job opportunities that will propel my passion towards research and enable me to contribute to the scientific community. I am looking for research positions in industry as well as academia.

## ABOUT

Dedicated, passionate, and meticulous researcher with experience in the fields of biochemistry, cell biology, and molecular biology. Area of research includes Diabetes, Endoplasmic reticulum stress, and phytopharmacology. A trustworthy person with 6+ years of practical experience and a dedicated work ethic. Self-motivated to consistently provide first-class results in line with stringent targets and deadlines.

## WORK EXPERIENCE

Experience obtained during PhD

## NO. OF PUBLICATIONS

05

## JOB PREFERRED

Research positions: Scientist, research associate, post-doctoral researcher, research assistant and lecturer

## AREAS OF INTEREST

Cell biology, metabolic syndrome, neurobiology, Endoplasmic reticulum stress

## ACHIEVEMENTS AND AWARDS

- GATE Life Sciences (2015), ASRB NET Animal Biochemistry (2015), CSIR-UGC NET/JRF Life Sciences (AIR 52) (2016).
- 2015 CREAM (Creative Reliable Efficient Abiding Managers) award, Garden City College, Bangalore.
- 2 Best Paper and one poster Presentation awards in 2022.

## SKILLS

Mammalian cell culture, Western Blot, Flow cytometry, ELISA, Fluorescence microscopy, Immunofluorescence, MS Word, MS Excel, PowerPoint, Origin software, SPSS software.

## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM

## HOBBIES

- DRAWING
- PLAYING CHESS

# HRIDYA V.K.



**Date of Birth:** 02-05-1980

**Gender:** Female



## CONTACT

+918903592180

vkhridya@gmail.com

Puthenpurayil Madom, Pada:South,  
Karunagappally.P.O., Kollam-690518,  
Kerala, India.



## EDUCATION

Ph.D. Chemistry (DST-JRF)



## CAREER OBJECTIVE

To continue contributing to cutting-edge research and innovation in the field of chemistry.



## JOB PREFERRED

Research and Innovation Scientist, Quality Control Analyst, Regulatory Affairs Specialist, Pharmaceutical Industry Researcher, Consultant or Freelancer, Scientific Reviewer or Editor



## ABOUT

Researcher of having 15 years of research experience in the field of polymer science, phytochemistry and geosciences and also expertise in various hands-on methods of natural products isolation, and structural elucidation by using various chromatographic and spectroscopic techniques.



## AREAS OF INTEREST

Natural Product Chemistry, Phytopharmacology, Pharmacognosy and Analytical Chemistry, Bioactive Compounds and Health Applications, Drug Discovery and Development, Bioprospecting and Biodiversity Conservation, Ethnobotany and Traditional Medicine, Polymers and biopolymers, Scientific writing and reviewing, Collaborations with Industry and Start-ups.



## WORK EXPERIENCE

- KSCSTE Post-Doctoral Fellow -BLP Women Scientist-CSIR-NIIST, Trivandrum, from 13 August 2020 to 12 August 2023.
- Consultant Scientist - Tridel Meteorology Projects Contracting LLC, Dubai, UAE from 04 November 2019 to 05 January 2020.
- Project Scientist - KSREC (Kerala State Remote Sensing & Environmental Centre), Trivandrum, from 05 July 2018 to 28 March 2019.
- Guest Lecturer -KUFOS (Kerala University of Fisheries Science & Ocean Studies), Panangadu, Ernakulam, Kerala from 01July 2016 to 29 April 2017.
- Junior Research -Manonmaniam Sundaranar University, Tamil Nadu, India from 30 April 2007 to 31 March 2010.
- Project Technician - SCTIMST (Sree Chitra Tirunal Institute for Medical Sciences & Technology), Trivandrum, India from 24 October 2005 to 28 April 2007.
- Research Assistant- SCTIMST (Sree Chitra Tirunal Institute for Medical Sciences & Technology), Trivandrum, from 14 July 2004 to 14 May 2005.



## NO. OF PUBLICATIONS

09



## ACHIEVEMENTS AND AWARDS

Second Rank in M Sc. Chemistry



## SKILLS

Natural products (Isolation, Purification & Structural Elucidation)Techniques, Bioactivity Assays, Subject matter Expertise in Polymer Science, Geosciences, Phytopharmacology, Knowledge in GIS & Remote sensing tools, Proficient Scientific Writer and Reviewer, Project Management & Team working Ability, Proficient Mentoring skillsAdvanced computer knowledge and IT expertise.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL



## HOBBIES

- READING
- WRITING
- COOKING
- VOLUNTEERING

# KRISHNAPRIYA V.U.



**Date of Birth:** 15-04-1996

**Gender:** Female



## CONTACT

+91 7558898131

krishnapriyakrishnavu@gmail.com

Sreepriya House, IERA 13,  
Industrial estate PO,  
Pappanamcode, 695019,  
Thiruvananthapuram



## EDUCATION

M. Sc. Chemistry, Ph.D. in  
Chemical Sciences  
(KSCSTE- Research Scholar)



## CAREER OBJECTIVE

To work with Core areas of  
Computational chemistry  
research.



## ABOUT

Highly motivated and results-oriented research scholar with four years of experience in Computational Chemistry research. Proven ability to design, model, observe, and analyse the chemistry problems, interpret data and communicate the research findings effectively. A dedicated professional excelling in team leadership, legislative relations, comprehensive technical knowledge and adapt in various theoretical aspects. Seeking to leverage expertise and contribute innovative projects.



## NO. OF PUBLICATIONS

04



## JOB PREFERRED

:Post-doctoral fellowship, Chemist & Data Scientist



## AREAS OF INTEREST

Computational Chemistry, DFT Calculation, Molecular Modelling, Molecular Simulation, Organometallic Chemistry, Non-Covalent bonding & Inorganic Chemistry



## ACHIEVEMENTS AND AWARDS

Qualified GATE 2020, KSCSTE- JRF Holder, Jan 2019, 6th rank in B.Sc. Chemistry, University of Calicut, 2016 & Suvarna Jubilee Merit Scholarship Winner 2013- 2016



## SKILLS

Critical Thinking, Time Management, Decision Making, Communication, Attention to Detail, Team Work, Leadership, Technical Investigation, Design and Analysis.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM
- TAMIL



## HOBBIES

- TRAINED SINGER

# LEKSHMI SUNDAR M.S.




**Date of Birth:** 19-03-1992

**Gender:** Female

## CONTACT

 +91 8137088677

 lekshmi.niist17j@acsir.res.in

 Aneesh Bhavan, Vattathara,  
Near Vinu's Workshop,  
Mukunthapuram, P.O., 691585

## EDUCATION

M. Sc. Biochemistry, PhD in  
Biological Sciences (CSIR-SRF)

## CAREER OBJECTIVE

I am a dedicated research scholar with a strong background in eco-friendly and sustainable development, coupled with valuable experience in implementing waste-to-wealth approaches and circular economy principles. My career objective is to further explore and contribute to this field, aiming to leverage my expertise to promote a balanced and healthy environment. I aspire to pursue innovative research, develop practical solutions and collaborate with diverse stakeholders to advance sustainability initiatives, ultimately fostering a greener and more prosperous future for all.

## ABOUT

I Lekshmi Sundar M.S., recently completed my doctoral degree in "Integrated Bioprocess for the Conversion of Xylose to Xylonic acid by Recombinant *Corynebacterium glutamicum*" from [CSIR - NIIST, Trivandrum, 2023]. With six years of extensive experience in fermentation technology, molecular biology, circular economy, and value addition, I have developed a robust skill set in optimizing biological processes and contributing to sustainable development. As a dedicated research enthusiast, I am keen to pursue my career in Research and Development (R&D), where I can leverage my expertise to drive innovation. My passion lies in implementing waste-to-wealth approaches and developing technologies that promote sustainability and address environmental challenges.

## WORK EXPERIENCE

Worked as Guest lecturer at S.B college, Changanassery in the year 2016.

## NO. OF PUBLICATIONS

05

## JOB PREFERRED

Research oriented, Product development, Teaching

## AREAS OF INTEREST

Pharmaceutical, Bioprocess technology, Enzyme technology

## ACHIEVEMENTS AND AWARDS

Poster and Oral presentation in International conferences and Publications in reputed journals

## SKILLS

Good communication, Adaptability, Problem Solving, Data Analysis, Experimental Design, Technical Skill

## LANGUAGE

- ENGLISH • HINDI
- MALAYALAM • TAMIL

## HOBBIES

- BADMINTON • THROW BALL

# NABEEL BACKER



**Date of Birth:** 17-07-1999

**Gender:** Male



## CONTACT

+919645545702

nabeelpt4@gmail.com

Puthantheruvil House,  
Thachampoyil P.O, Thamarassery,  
Kozhikode, Kerala



## EDUCATION

M. Sc. Chemical Sciences (Medicinal Chemistry), Ph. D in Chemical Sciences (Phytomolecules for Combined Photo-Chemo Therapy), DST-INSPIRE JRF.



## CAREER OBJECTIVE

To be established in the area of medicinal chemistry and own an entrepreneurial business and get settled outside India for a better living.



## JOB PREFERRED

Research and development



## ABOUT

Motivated and detail-oriented postgraduate with a distinguished academic background in Chemistry, seeking to pursue a Ph.D. in organic chemistry. Passion for analytical problem-solving is complemented by a robust foundation in chemical theory and laboratory practices, understanding and contributes to cutting-edge research in the field. My major goal is to leverage my skills and knowledge to make significant contributions to the realm of organic chemistry. My multifaceted skill set encompasses expertise in laboratory techniques, organic synthesis, drug design, and biological evaluation. I am enthusiastic about the opportunity to engage in groundbreaking research and collaborate with experts.



## WORK EXPERIENCE

Project associate-1 at CSIR-NIIST, from 09 October 2023 to 08 April 2024



## NO. OF PUBLICATIONS

01



## AREAS OF INTEREST

Drug Discovery, Organic Synthesis, Medicinal Chemistry, Analytical Techniques Etc.



## ACHIEVEMENTS AND AWARDS

First Rank Holder-Gold Medallist in M. Sc. Chemical Sciences in Medicinal Chemistry From Central University Of Punjab, India.



## SKILLS

Analytical methods, like, Spectroscopic Analysis and chromatography (HPTLC) for compound characterization, Computer Aided Drug Designing (CADD)- Docking, ADMET studies, Pharmacophore mapping, Virtual Screening, and extraction and characterization of bioactive alkaloids with semi-synthesis of core moieties to enhance their pharmacological activity.



## LANGUAGE

- ENGLISH
- HINDI
- SKETCHING
- PLAYING
- MALAYALAM
- TAMIL
- BADMINTON
- CRICKET



## HOBBIES



# NISHNA N.



**Date of Birth:** : 01-09-1993

**Gender:** Female



## CONTACT

+91 8301838997

nishnanish11085@gmail.com

Dream Light,  
Nadukkunnu,  
Pathanapuram PO,  
Kollam 689695



## EDUCATION

BS-MS in Chemical Sciences & Biological Sciences, PhD in Chemical Sciences (CSIR-SRF)



## CAREER OBJECTIVE

My career objective in the research field is to leverage my passion for discovery and innovation to contribute meaningfully to advancements in knowledge and technology. With a keen interest in [Photochemistry, Material design and synthesis], my goal is to pursue opportunities that allow me to delve deeper into understanding complex phenomena and developing practical solutions to real-world challenges. I aspire to collaborate with interdisciplinary teams, engage in cutting-edge research projects, and ultimately make impactful contributions to the scientific community that benefit society as a whole.



## ABOUT

As someone deeply passionate about their work, I bring a wealth of skills and experiences to any team or role. My journey in the professional world has been marked by a relentless pursuit of excellence and a commitment to personal growth. One of my defining traits is my attention to detail, problem-solving skills, tackle challenges head-on and find innovative solutions. I value open communication and constructive feedback, as they foster a culture of mutual support and continuous improvement within the team. Looking ahead, I am excited about the prospect of bringing my unique blend of skills and experiences to new challenges and opportunities. I am confident that my passion, work ethic, attention to detail, problem-solving abilities, and collaborative nature make me a valuable asset to any team or organization. I am eager to contribute positively to the success and growth of future endeavors, while also continuing to learn and evolve along the way.



## NO. OF PUBLICATIONS

01



## JOB PREFERRED

Research type jobs



## AREAS OF INTEREST

Photochemistry, Material synthesis



## SKILLS

UV- Visible Spectroscopy, Fluorescence Spectroscopy, TCSPC, Cyclic voltammetry, Fluorescence Lifetime Imaging Microscopy



## LANGUAGE

• ENGLISH • MALAYALAM

# PRIYANKA A.S.



**Date of Birth:** 10-06-1994

**Gender:** Female



## CONTACT

+91 7034664057

priyankaas94@gmail.com

Azhiyakathu, Canal Ward,  
Alappuzha North



## EDUCATION

M. Sc. Chemistry (2017),  
Currently doing PhD in  
Chemical Sciences (UGC-SRF)



## CAREER OBJECTIVE

Looking for postdoctoral  
positions abroad



## ABOUT

I am currently doing PhD in CSIR-NIIST.



## WORK EXPERIENCE

Project associate-1 at CSIR-NIIST, from 09 October 2023 to 08 April 2024



## PUBLICATIONS

Manuscript under preparation.



## JOB PREFERRED

Post-doctoral



## AREAS OF INTEREST

Metal organic Framework, Covalent Organic Framework,  
Molecular sensors, Fluorescent materials, Stimuli  
responsive materials, Organic synthesis.



## ACHIEVEMENTS AND AWARDS

Qualified UGC-JRF (2018) and GATE (2019)



## SKILLS

Expert in Organic Synthesis and characterization using NMR,  
HRMS, IR. Other Photophysical instruments including UV-Vis and  
PL. Calculation of molecular properties, excited states, transition  
states, and intermediates using Gaussian software.  
Electrochemical analysis using CH instrument.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM



## HOBBIES

- DRAWING
- READING
- GARDENING
- COOKING

# RAGI T.M.



**Date of Birth:** 13-05-1995

**Gender:** Female



## CONTACT

+91 8075684898

raghi13@gmail.com

Thottupurath House,  
Ittonam, Chathanur PO,  
Palakkad, 679535



## EDUCATION

M. Sc. Chemistry, PhD in Chemical Science (Surface Engineered Multifunctional Kaolin Clays), UGC-SRF fellowship.



## CAREER OBJECTIVE

Seeking a challenging and rewarding role in the field of chemical science where I can utilize my research experience and expertise in functional materials to contribute to innovative research projects. With a strong commitment to precision and a passion for continuous learning, my objective is to collaborate with a dynamic team to advance scientific knowledge and drive meaningful advancements in the field of chemical science.



## ABOUT

A dedicated professional with a postgraduate degree in Chemistry, I bring a passion for advancing scientific knowledge and solving complex challenges in chemical science. With expertise in functional materials and strong organizational abilities, I thrive in research environments that prioritize both precision and innovation. Proficient in a range of characterization techniques, including FT-IR, NIR-UV-VIS spectroscopy, and surface area analysis, I have a proven track record of conducting in-depth studies to uncover insights into material properties. I am skillful at collaborating with colleagues and independently driving projects forward, as demonstrated in my current role as a Research Fellow at CSIR-NIIST.



## WORK EXPERIENCE

- Project Intern at Cochin University of Science and Technology, Ernakulam (2018 April-June)
- Subject Matter Expert at CSIR-JRF-Net Coaching Centre, Thrissur (2019 July-December)
- Research fellow at CSIR-NIIST, Thiruvananthapuram (2020-Present)



## NO. OF PUBLICATIONS

03



## JOB PREFERRED

Research Scientist/Chemist in academic institutions, research laboratories or industries.

Analytical Chemist in reputable companies and industries.

Chemistry educator in esteemed universities with strong affiliations.



## AREAS OF INTEREST

Cost-effective and environmentally friendly materials development for industrial applications. Green Synthesis of biocompatible and bio-inspired materials.



## SKILLS

Strong organizational and time-management skills. Expertise in characterization techniques: FT-IR, NIR-UV-VIS spectroscopy, Surface area & contact angle analysis. Exceptional communication and interpersonal skills, with ability to work independently as well as a team.



## LANGUAGE

- ENGLISH
- HINDI
- MALAYALAM

# RESHMA M. MATHEW



**Date of Birth:** 19-01-1993

**Gender:** Female



## CONTACT

+91 9645723738

anjalisept94@gmail.com

Parolickal (H),  
Anickadu P.O,  
Mallappally West,  
Pathanamthitta,  
Kerala, 689585



## EDUCATION

MSc. Biochemistry, PhD in  
Biological Sciences (CSIR-NET/JRF)



## CAREER OBJECTIVE

My career objective is to gain more research expertise in my areas of interest and to attain a sense of professional satisfaction and a work-life balance. I am also interested in Teaching along with my research life.



## ABOUT

I have been passionate towards Science since my childhood and gained a research temper and desire after my post-graduation. As a promising researcher in Protein Biology final year, I open-heartedly welcome and learn new technology and innovations in research. I am an intelligent hard-working person with utmost perseverance and determination towards my goal. Apart from my major research experience in biocatalysis and protein Biology, I have also developed an interest in sensor development in intelligent food packaging as part of one of my coursework during my PhD. Being too detail-oriented has become my strength and weakness as well.



## WORK EXPERIENCE

Junior Research Fellow (2017-2019) & Senior Research Fellow (2019-2022)



## NO. OF PUBLICATIONS

04



## JOB PREFERRED

Post-doctoral Fellow, Assistant Professor, Quality Controller, Research Assistant



## AREAS OF INTEREST

Protein Biology, Enzymes, Enzyme immobilization, Biochemical assays, Molecular Biology-Cloning, and overexpression studies, Docking studies, Biosensors in food packaging, Fermentation



## ACHIEVEMENTS AND AWARDS

CSIR-JRF (2017)



## SKILLS

Protein purification studies, Chromatography (TLC, Ion-exchange, Gel filtration, Column), Electrophoresis (SDS-PAGE, Agarose), DNA and RNA Extraction, PCR, Cloning (conventional Restriction digestion cloning, Gibson Assembly) HPLC, Fermentation (Submerged, Solid state), Biochemical assays, UV-Vis Spectroscopy, FT-IR, Nanoparticle synthesis, Enzyme immobilization.



## LANGUAGE

• ENGLISH • HINDI • MALAYALAM



## HOBBIES

• HANDBALL • THROWBALL  
• BADMINTON • SHORT STORY WRITING


# SARATH J. S.




**Date of Birth:** 21-04-1993

**Gender:** Male

## CONTACT

 +918281496656

 sarathjsmail@gmail.com

 Sreekrishna Vilasom,  
Palamkonam P.O,  
Thiruvananthapuram. 695607

## EDUCATION

M. Sc. Bio-Technology, PhD in Chemical Sciences (Raman Spectroscopy and Machine learning), CSIR-UGC SRF.

## CAREER OBJECTIVE

To leverage my expertise in molecular biology and biochemistry towards advancing research and innovation in the field of biotechnology. Seeking opportunities that allow me to utilize my skills in Raman spectroscopy for biosensing applications, particularly in the development of advanced diagnostic tools for healthcare. Committed to contributing to the improvement of human health and well-being through cutting-edge scientific exploration and technology development.

## ABOUT

As a dedicated and accomplished researcher in the field of biotechnology, I specialize in molecular biology and biochemistry, particularly in utilizing Raman spectroscopy for biosensing applications. My research aims to leverage the unique capabilities of Raman spectroscopy to develop innovative biosensing platforms with wide-ranging applications in healthcare. I am driven by the potential to revolutionize various fields, from medical diagnostics to

## WORK EXPERIENCE

- JRF: Institute of Transdisciplinary Health Sciences and Technology (TDU)
- JRF: Rajiv Gandhi Centre for Biotechnology (RGCB)

## JOB PREFERRED

Post-Doctoral

## AREAS OF INTEREST

Bio-sensing and Machine learning

## ACHIEVEMENTS AND AWARDS

- JOINT CSIR -UGC TEST-JUNE 2017 Organized by New Delhi, Score: 105.75, Rank 38 (NET -LECTURESHIP Qualified)
- JOINT CSIR -UGC TEST-DECEMBER 2018 Organized by New Delhi, Score: 118.5, Rank -68(JRF(NET) QUALIFIED)
- GATE -2019- BIOTECHNOLOGY All India rank -348 (Valid from march 17, 2019-march 16, 2022 (Status- QUALIFIED)

## SKILLS

Curious Listener and Passionate Reader

## LANGUAGE

- ENGLISH
- MALAYALAM

## HOBBIES

- BADMINTON
- READING BOOKS