

HARINI S V

Assistant Professor & Entrepreneur



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Dedicated Assistant Professor with a strong passion for STEM education, research, and innovation. Committed to promoting experiential and inquiry-based learning to foster scientific curiosity and critical thinking among students. As an entrepreneur, I am driven to transform ideas into impactful solutions. My research interests lie at the intersection of science, technology, and education, with a focus on integrating research and entrepreneurship to address real-world challenges.

Experience

Assistant Professor | K S R College Of Arts and Science For Women

June 2024 - Present

- Delivering engaging lectures and hand-on learning in Chemistry, fostering conceptual understanding and critical thinking.
- Co-ordinator for Value added course - "Molecule to Market" - equipping students with hands on activity.
- Coordinating departmental activities, served in the organizing committee of national & international seminars, sponsored national workshops and student outreach programs.
- Contributing to institutional development through Startup cell as SPOC, Entrepreneurship development Cell as an incharge and NPTEL - SPOC.

Resin Artist Cum Entrepreneur | SV Crafts & SV Designs

Apr 2022- Present

- Founded and managing a creative art venture specializing in customized resin and casting artworks.
- Managing end-to-end business operations including design, production, branding, and customer relations.
- Designed and handcrafted a variety of functional and decorative resin pieces including home decor, keepsakes and jewelry.

Life Science Consultant | Straive

March 2023- Jan 2024

- Specialized in scientific content development and quality analysis in the domain of polymer chemistry.
- Reviewed and validated manuscripts, technical articles for accuracy and clarity.

Educator | Tutition centre - Part time

Dec 2016-May 2019

- Developed worksheets, mock tests and revision guides to support student learning and exam readiness.
- Conducted personalized coaching sessions for school students.

Education

Bharathidasan University, Trichy

July 2019 - May 2021

- Master of Science - Chemistry
- CGPA: 7.96

K S Rangasamy College Of Arts and Science, Autonomous, Tiruchengode

June 2016 - May 2019

- Bachelor of Science - Chemistry
- CGPA: 8.6 (Passed with Distinction and Medal)

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Holy Angels' Mat Hr Sec School, Tiruchengode

June 2015 - May 2016

- Senior Secondary
- Percentage: 84.25

Holy Angels' Mat Hr Sec School, Tiruchengode

June 2013 - May 2014

- Secondary
- Percentage: 93.4

Skills

- Excellent Interpersonal Skills
- Strong Communication Skills
- Analytical & Conceptual Skill
- Laboratory Management

- Proficient in Chem draw
- Proficient in Microsoft
- Good in Typewriting

Project

- One Pot Synthesis Of Biologically Important Pyrazole Derivatives

Free Lancing

- Providing innovative educational solutions and content ideas as freelancer, focusing on curriculum enhancement, student engagement and concept based-learning strategies at SV Academy, Tiruchengode.

Certifications

- Certified for served as a member of the Organizing Committee with Outstanding performance in International Conference on "Nanotechnology and Material Science" (NANO-25) & TNSCST-Sponsored National Seminar on "Designing the Future with Chemistry" (NSDFC-25)
- Cerified for served as member of the Organizing Committee in 'Science Academics' Sponsored Lecture Workshop on "Recent Advances in Chemistry".
- Certified for participation in a Start-up Innovation idea Competition for University Department and Affiliated Colleges organized by Department of Commerce, Periyar University, Salem.
- Certified for participation in UGC-Sponsored Online Short Term Programme in Environment & Sustainable Development and obtained Grade A- organized by UGC -Malaviya Mission Teacher Training Centre.
- Certified for appreciation on 100% result in Allied Chemistry-I & Inorganic Chemistry I for the Academic year 2024-2025(Odd)
- Certified for Participation in Five Days Faculty Development Programme on "Sustainable Learning Practices: Preparing Educators for SDG-Aligned Education organized by Internal Quality Assurance Cell (I.Q.A.C) of K S R College Of Arts and Science For Women, Tiruchengode.

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- Certified for Participation in National Workshop entitled “Innovating Education with Artificial Intelligence” organized by IQAC, KSR College Of Education, Tiruchengode.
- Certified for Participation One week Faculty Development Program on “Science and Technology Developments (STD)- Academic Growth” by School of Sciences and IIC.
- Certified for Participation in Five Days Faculty Development Programme on “Innovative Teaching and Learning Pedagogy” organized by IQAC og K S R College Of Arts and Science For Women, Tiruchengode.
- Certified for Participation and completing “The Good Manufacturing Practices-Quality Assurance” course with A+ grade, offered by Tamilnadu Skill Development Corporation, to mark the training through the Naan Mudhalvan Program held at Periyar University, Salem.
- Certified for Participation and completing “The Electric Vehicle and Battery Management” course with B grade, offered by Tamilnadu Skill Development Corporation, to mark the training through the Naan Mudhalvan Program held at Periyar University, Salem.
- Certified for Participation in a one-day "Offline training program on NUCLEAR MAGNETIC RESONANCE Spectroscopy" organized by the Department of Applied Chemistry, Karunya Institute of Technology and Sciences, Coimbatore.
- Certified for Participation in an "Online short term course on FORENSIC SCIENCE" organized by the Department of Applied Chemistry, KITS, Coimbatore.
- Certified for Participation in one-day National symposium on Magnetic resonance catalysis and technology at the National Institute Of Technology (NIT), Trichy.
- Certified for Participation in the National Seminar on Recent Advancements In Chemistry (RAC-2019) at K.S.Rangasamy College Of Arts And Science, Tiruchengode.
- Certified for Participation in the National Seminar on Emerging Trends In Chemistry (ETC-2018) at K.S.Rangasamy College Of Arts And Science, Tiruchengode.

Additional Courses

- Certified as “Stem Educator” on successfully completing the STEM EDUCATOR PROGRAM Demonstrating proficiency in Innovative teaching strategies, Digital literacy, Simulation tools, Technology Integration, Lesson plan Creation, Digital resources for learning transformation, Gamification approach, Problem solving approaches and Effective Stem Pedagogy offered by Chitti, LMES Academy.
- Successfully completed DIY Science, Aeromodelling, Rocket Science, App development courses offered by Chitti, LMES Academy.
- Successfully completed One day Resin Workshop in Nilal Arts Institution of Creation.
- Successful completed Candle & Wax Sachet Making a 2 days Online workshop conducted by Smart Mouse Skill Development Factory.
- Successfully completed “Brownie & Fudgy Brownie Making” Online workshop conducted by Smart Mouse Skill Development Factory.
- Successfully completed “3D Hand Casting” Online Workshop conducted by Smart Mouse Skill Development Factory.
- Successfully completed “Online Saree Drapping”- Look and Learn session at Asmitha Makeover Artistry Academy, Chennai.

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Responsibilities

- SPOC for NPTEL of K S R College Of Arts and Science For Women, Tiruchengode, 2025-2026 (ODD)
- Startup Incharge for K S R College Of Arts and Science For Women, Tiruchengode.

Academic Contributions

- Course Coordinator for the Value-Added Course "Molecule to Market," overseeing hands on training and develop entrepreneurship among students.
- Course Coordinator for the current academic semester, responsible for curriculum planning and academic coordination.
- Successfully completed the NPTEL course on "Advanced Transition Metal Chemistry" with certification.
- Serving as an Innovation Ambassador, promoting innovation and entrepreneurship activities within our institution.
- Acted as a reviewer for YUKTI Innovation Repository, evaluating innovative ideas and projects for their potential and impact.
- Actively supporting the Campus Ambassador of E-Cell, IIT Bombay, in executing and completing assigned tasks and initiatives.
- Received copyright for a lab manual developed in collaboration with co-faculties.

Resource Person

- Acted as a Resource person to conduct a Hand's on Training on "Resin Craft: The Startup Edition" as Innovation Ambassador organized by Institution Innovation Council.
- Acted as a Resource person to conduct a workshop on "Design Thinking For Buisness Driving Growth Through Innovation" organized by IIC & Department of Chemistry.

Hobbies

- My hobbies include Aari embroidery work, designing clothes, and serving as Master of Ceremonies (MC) at college events, showcasing my creativity and communication skills.

Publications

- "Scroll, Delay, Repeat: How Academic Fatigue and Digital Distraction Intensify the Effects of Procrastination on Learning Outcomes" – International Journal of Innovative Research in Technology (IJIRT).
- Submitted an abstract on the topic "Phytochemical Profiling and Synthetic Modifications of Bioactive Compounds from Medicinal Plants" for presentation at an international conference with ISBN registration.

Conclusion

Dedicated and enthusiastic professional with a passion for teaching, research, and innovation. Committed to continuous learning, contributing meaningfully to academic and institutional growth, and fostering a creative and engaging learning environment.