



NAME	Mrs. Helen Serrao
DESIGNATION	HOD and Associate Professor
QUALIFICATION	M.Sc
EMAIL	helen@stagnescollege.edu.in
WORK EXPERIENCE (IN YEARS)	33 years
EDUCATIONAL DETAILS	M.Sc. from Mumbai University
OVERALL TEACHING EXPERIENCE	PREVIOUS WORK EXPERIENCE Institution: St. Philomena's College, Puttur Period: November 1991 to March 1995 Designation: Assistant Professor

	Institution: St Agnes College (Autonomous), Mangaluru Period: April 1995 onwards Designation: Associate Professor
SPECIALIZATION PG	Organic Chemistry
ANY OTHER SPECIALIZATION	Drugs and Dyes
SUBJECTS TAUGHT AT UG/PG	Chemistry
SKILL SETS	Critical Thinking, Teamwork, Organization, Interpersonal skills, Communication, Adaptability and Attention to Detail

PARTICIPATION IN CONFERENCES/ SEMINARS/ WORKSHOPS

DATE	NATIONAL/ INTERNATIONAL LEVEL	TITLE	DETAILS OF ORGANISERS	PLACE	TITLE OF PAPER PRESENTED
16/03/2026	National	Chemical Innovations For Sustainable India	St. Aloysius (Deemed to be University)	Mangaluru	-
28/07/2025	State	The future of Chemistry: Emerging Fields and Career Opportunities	St. Agnes College (Autonomous)	Mangaluru	

17/2/2025 to 18/2/2025	National	Ever Young Topics In Physical and Chemical Sciences	St Aloysius (Deemed to be University)	Mangaluru	-
15/2/2023	National	IPR Awareness programme	IPO,Kolkata	Online	-
26/5/2023	National	Implementation of NEP2020: Challenges and Way forward	KRMSS, KSHEC, Bengaluru and University College, Mangaluru	Online	
2/7/2022	State	Learning from the front for an equal future	IQAC, St Agnes College (8th Endowment Lecture)	Mangaluru	
6/6/2022	State	A journey from Campus to Corporate	Department of Chemistry, St Agnes College	Mangaluru	
8/4/2022	State	Novel Materials	Department of Chemistry, St Agnes College	Webinar	
13/1/2022	State	Science Adda	DBT and St Agnes College	Mangaluru	
19/11/2021	State	Research Methods in Sciences	St Agnes College	Mangaluru	
12/10/2021	State	Nanotechnology:T echnology of the Future	Department of Chemistry, St Agnes College	Webinar	

10/09/2021	State	Research Culture in the College	St Agnes College	Mangaluru	
14/11/2019	State	Hydroponics	Department of Chemistry and Botany, St Agnes College	Mangaluru	

CHIEF GUEST/ RESOURCE PERSON/ MODERATOR/ CHAIRPERSON/ CO-ORDINATOR/ ANY OTHER

DATE	POSITION HELD	TITLE OF THE PROGRAM ORGANISED	PLACE
03/02/2026	Staff Co-ordinator	Ecopreneurship Workshop on "Seeds ans Sustainability"	St Agnes College, Mangaluru
03/09/2025	Staff Co-ordinator	Illuminare 2025	St Agnes College, Mangaluru
16/08/2024	Staff Co-ordinator	Vitascapers-An Innovative Science model competition	St Agnes College, Mangaluru
17/02/2023	Convenor	Caldera-Intra class Fest	St Agnes College, Mangaluru
28/04/2022	Convenor	Spectrum-Intra class Fest	St Agnes College, Mangaluru
13/01/2022	Convenor	Science Adda-One day Interaction program for High School students	St Agnes College, Mangaluru

RESEARCH PROJECTS GUIDED

YEAR	TITLE OF THE PROJECT	NAME OF STUDENT
2025-26	Analysis of Fertilizers and Instrumentation	1. Diya.G 2. Fathima Suha Shoubeen 3. Ananya Madhu 4. Mahimalakshmi 5. Nikhitha C A 6. Sanidhya H A 7. Vidyashree K 8. Clare Manneiching 9. Nafeesath Afeefa 10. Nuamneikim
2025-26	Evaluation of nutritional and Quality attributes of selected ready to eat food	1. E Krithi Rai 2. Nireeksha 3. Soukya Subramanya Gaonkar 4. Irene Mawithangpui
2024-25	Quality Control	1. Jayashree 2. Keerthika
2022-2023	Preparation of Cosmetics	1.Sandra Das 2.Neethu Johnson
2021-2022	Synthesis of chalcone and mild steel corrosion inhibition by weight loss method	1.Niharika G 2. Deepthi
2021-2022	Synthesis of Copper nanoparticles- photocatalytic activity	1. Abishree 2. Anushree
2019-2020	A comparative study on "The Hydrophobicity of Waxes"	1.Rena Shareef 2. Pavitra

DETAILS OF MEMBERSHIP IN PROFESSIONAL BODIES	Life Member of ISTD, AMUCT, Toastmasters International
DETAILS OF MEMBERSHIP IN ACADEMIC BODIES	Member of AMUCT, BOS Member of Canara College (Autonomous)
ADMINISTRATIVE RESPONSIBILITIES	HOD of Chemistry, Convener of Discipline Committee, Member of Ant-Ragging Committee, Dean of Science 2020-2025, NSS Coordinator 2017-2019, Star College Scheme – Department Coordinator (2015-2020)

NPTEL/FDP/COURSERA/ CERTIFICATE COURSES COMPLETED

TYPE	YEAR	TITLE	DETAILS OF THE SPONSORS/ORGANISERS	DURATION
Certificate	June2025	FDP on “Empowering Educators for the Digital Age”	IQAC(Villa Marie degree college for women, Hyderabad	Five days
Certificate	June2025	FDP on “Balanced approach to Purposeful Teaching”	IQAC, St Agnes college, Mangaluru	Six Days
Certificate	July 2025	Online Certificate course on “Emotional Intelligence :Cultivating Immensely Human Interactions”	University of Michigan (Coursera)	30hours

Certificate	October 2025	Online certificate course on "Introduction to Forensic Science"	Nanyang Technological University, Singapore	30 hours
Certificate	June 2024	FDP on Digital Pedagogy : ICT & AI assisted teaching in line with OBE & NEP	St. James College of Nursing and St James college of pharmaceutical sciences, Chalakudy	8 days
Certificate	September 2024	Human Engineering for Psychological Wellbeing	St Joseph's College, Tiruchirappalli, TN	5 days
Certificate	September 2023	Soft Skills for Capacity Building	Josephs Academy of Soft Skills (JKASS), Tiruchirappalli	30 hours
Certificate	November 2022	Cosmetic Chemistry	PG Department of Chemistry, St Agnes College	30 hours
Certificate	June 2022	Culinary Chemistry-Everyday Chemistry of Cooking	St Aloysius College (Autonomous)	30 hours
Certificate	January 2022	Presentation Mastery-Level 3	Toastmasters International	30 hours
Certificate	June 2021	FDP-Outcome Based Education	IPSR Solutions Pvt Ltd	Five days
Certificate	November 2020	Science of Exercise	Coursera	30 hours
Certificate	May 2020	Nutritionist Diploma Course	Kew Training Academy	4 weeks
