Name	Dr.S.Mary Baptista Janet
Qualification	M.Sc.,M.Phil.,B.Ed.,PhD
Designation	Associate Professor
Year of Joining	17.01.2001
Specialization	Aquaculture &Sericulture
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Seminars/Workshops/FDP/ Conferences

Workshop/ Seminar/ FDP	Туре	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Interdisciplinary Research	National Seminar	Participated		PG and Research department of zoology, St.Mary's College,Thoothukud i.	18.09.2024
Taxidermy	Workshop	Participated		PG and Research department of zoology, St.Mary's College,Thoothukud i	13.09.2024
The fate of mismanagement of ocean resources	Webinar	Participated		IQAC, Sree Narayana College, Kollam	11.08.2024
Essential Skills for Professional Development in Higher Education	FDP	Participated		Star International Foundation for Research and Education	1.7.2024 To 7.7.2024

Al Tools for Teaching	FDP	Participated	Star Internation Foundation fo Research and Education	r 22.06.2024
Al Tools for Teaching and Learning	Training Programm e	Participated	IQAC, St.Xavie College, (Autonomous)Pa amkottai	06 04 2024
Upskilling Faculty Development Programme	National FDP	Participated	Cluster Departm of Life Science Ayya Nadar Jan AmmalColleg	s, to 27.02.2024
Recent Scenario in Biological Science	Virtual FDP	Participated	Department of Zoology, V.O. College, Thoothukudi	1 / (1 / / / / / / / / / / / / / / / / /
Quality Enhancement to Facilitate Academic Excellence and Well-Being	Internatio nal FDP	Participated	IQAC,Jyoti N College(Autonon s) Bangaluru	ivas 16.01.2024 nou To 21.01.2024
Avoiding Predatory Publishing:Guidelin es for Choosing Quality Journalsin the Digital Age	Workshop	Participated	Marian Researd Forum, St. Mary College (Autonomous) Thoothukudi	y's 11.12.2023
Current Trends in Life Sciences (CTLS'23)	FDP	Participated	Research Department of Zoology, Seethalakshm Ramaswami College, Tiruchirappall	i 27.11.2023 to 03.11.2023
NEP2020: Critical Thinking	Webinar	Participated	IQAC, Sree Narayana Colleg Kollam	ge, 12.10.2023
Campus Genie as an Educational Resource Planning Software	Online training	Participated	IQAC, Sree Narayana Colle Kollam	ge, 11.10.2023

NEP 2020:			
Environment & Development- Solutions to plastic pollution	Webinar	Participated	UGC-HRDC, Jai Narain Vyas University, Jodhpur, Rajasthan.
Agrobiome	National Conferenc e	Participated	Department of Microbiology, St. Mary's College (Autonomous), Thoothukudi
Race to Rescue with GeodataPart2: Climate change Mitigation and Adaptation	Webinar	Participated	IQAC, Sree Narayana College, Kollam as part of AGORA-2023
Academic Writing: Authenticity and Ethical Imperatives (Exclusive Hands on Training on eAarjav)	workshop	Participated	Marian Research Forum and Library Committee,St.Marys College (Autonomous), Thoothukudi
Chat GPT and other Artificial Intelligence (AI) Tools for Classroom Teaching and Research	workshop	Participated	LibraryCommittee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi
Artificial Intelligence (AI) tools for Education with Special Reference to Chat GPT, GPT 4 and Lamma	National Seminar	Participated	Library Committee and Institution's Innovation Council, St. Mary's College (Autonomous), Thoothukudi
Research Publication:An Interactive and Dynamic Approach	Conferenc e	Participated	Marian Research Forum, St. Mary's College (Autonomous),

			Thoothukudi	
Recent Trends in Life sciences	National Conferenc e	Participated	PG and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	17.03.2023 - 18.03.2023
Production and Entrepreneurship approach on Spirulina and Nanoparticles	National worksho p	Participated	Dept.of Microbiology, St. Mary's College (Autonomous), Thoothukudi	07.03.2023
Mental health through Cyber security and Social media	Awarenes s Webinar	Participated	Department of Psychology, St. Mary's College (Autonomous), Thoothukudi	08.02.2023
Bacterial Identification- Conventional to Modern methods	National Webinar	Participated	Dept.of Microbiology, St. Mary's College (Autonomous), Thoothukudi	29.09.2022
Biotechnology Today and Tommorrow: Innovations and Implications	FDP	Participated	Marian Star Centre, PG and Research dept. of Zoology, (Autonomous), Thoothukudi	1. 09.2022 - 5.09.2022
Assessing outcome based on Bloom's Taxonomy	worksho p	Participated	Dept. of Education, M.S.University, Tirunelveli.	30.08.2022
IP Awareness Program	National Intellectua I property awareness mission	Participated	Intellectual Property Office, Ministry of Commerce and Industry	29.07.2022
Hands on training on 'Open Source Tools for Research'	Hands on training	Participated	Dept.of Microbiology, St. Mary's College (Autonomous), Thoothukudi	6.04.2022

Webinar on Higher Education Services Offered by INFLIPNET Centre	webinar	Participated	Library &NAAC Committee,Governme nt Arts College (Autonomous),Karur.	16.03.2022
Training on Bioinformatic Tools for Covid Research	webinar	Participated	Dept.of Zoology, Sree Narayana College , Kollam	5/03/2022
Webinar on The Amazing World of Ants	webinar	Participated	Dept.of Zoology, Sree Narayana College , Kollam	13-02-2022
Webinar on Biodiversity of Coral reefs	webinar	Participated	Dept.of Zoology, Sree Narayana College , Kollam	12-02-2022
FDP on Exploring New Frontiers in Chemical and Biological Science	National webinar	Participated	Marian Star Centre, Department of Chemistry, c Thoothukudi	31o1-2022 - 5-02-2022
Hands-on Tutorial on Library without walls: E- Resources through NLIST	Regional webinar	Participated	Department of Library, St. Mary's College (Autonomous), Thoothukudi	10-01-2022
NATIONAL WEBINAR on "Freshwater faunal diversity in India" and "Marine environments: Diversity, threats and opportunities	National webinar	Participated	Department of Zoology, St. Xavier's College (Autonomous), Palayamkottai on	3.8.2021.
NAAC revised guidelines: A paradigm shift to quality initiative for criterion VII Institutional values and best practices	National workshop	Participated	IQAC, Career College, Bhopal	01.08.2021

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NAAC revised guidelines: A paradigm shift to quality initiative for criterion VI Governance, leadership and management	National workshop	Participated	IQAC, Career College, Bhopal	31.07.2021
NAAC revised guidelines: A paradigm shift to quality initiative for criterion V student support and progression	National workshop	Participated	IQAC, Career College, Bhopal	30.07.2021
NAAC revised guidelines: A paradigm shift to quality initiative for criterion IV Infra structure and learning resources	National workshop	Participated	IQAC, Career College, Bhopal	29.07.2021
NAAC revised guidelines: A paradigm shift to quality initiative for criterion IV Research innovation and extension	National workshop	Participated	IQAC, Career College, Bhopal	28.07.2021
Anthropogenic impactbon Zoochores	National Webinar	Participated	IQAC, Nesamani Memorial College, Marthandam.	28.07.2021
NAAC revised guidelines: A paradigm shift to quality initiative for criterion I:Curricular aspects	National workshop	Participated	IQAC, Career College, Bhopal	26.07.2021
Biotechnology for 21st century	FDP	Participated	DBT, Marian star centre and Dept. of Botany, St.Mary's College, Thoothukudi	19.7.2021 - 24.07.201

"National Parks, Tiger Reserves, WLS and Botanical, Zoological Gardens of India- Identification, Conservation and Management"	National Webinar	Participated	Department of Botany Under RUSA and World Bank MPHEQIP Scheme	14.07.2021 - 18.07.2021
Transformation in Indian Education through New Education Policy - Challenges and Opportunities	National FDP	Participated	Govt.First Grade College for Women, Balmatta, Mangaluru & St.Aloysius College(Autonomou s),Mangaluru	05.07.2021 - 11.07.2021
Bioinformatics	Certificate Course	Course Completed	Centre for Faculty development of Association of Indian Biologist, Tirupattur, Tamil Nadu	01.06.2021 - 28- 06.2021
Current Trends in Biostatistics	Internatio nal Workshop	Participated	Department of Zoology and Research Center with IQAC of Nesamony Memorial Christian College, Marthandam	29.06.2021
Lifestyle Modification and Management with Siddha	Webinar	Participated	IQAC of Holy Cross College (Autonomous), Nagercoil	29.06.2021
Scope of Biotechnology: Novel Career and Job Roles	Webinar	Participated	Biospectra Association, Department of Biotechnology, Guru Nanak college (Autonomous), Velachery, Chennai	25.06.2021

Nanostructures for Applications Fabricated via the Electrospinning Technique	Internatio nal Webinar	Participated		Department of Physics, St. Mary's College (Autonomous), Thoothukudi	24.06.2021
Recent Trends in Immunostimulants Application in Aquaculture Industry	Internatio nal Webinar	Participated		Department of Zoology, Sadakathullah Appa College (Autonomous), Tirunelveli	24.06.2021
Chennai Biodiversity - Past, Present and Future	National Webinar	Participated		Department of Information Technology, Guru Nanak Center of Research and The Organisation for Industrial, Spiritual and Cultural Advancement International - Guru Nanak College Chapter	23.06.2021
Microbiom: Understanding the Host Pathogen Interaction	Internatio nal Webinar	Participated		PG and Research Department of Zoology, Sadakathullah Appa College (Autonomous), Tirunelveli	18.06.2021
National Educational Policy : A Quality Enhancer for Inculcation of Human Values in Higher Education Institutions		Participated & Presented paper	Teaching Beyond Classroom: Pros and Cons of Online Education	IQAC, AMET Deemed to be University, Chennai	08.06.2021 - 10.06.2021
Generation of genomic resources and usage of bioinformatic tools	Webinar	Participated		V.O.C.College, Thoothukudi	09.06.2021

Ocean Technologies in India	Webinar	Participated	Sree Narayana College, Kollam and Ocean Society of India- Cochin	08.06.2021
Virtual Practices and security	National FDP	Participated	Tamil Nadu Teachers Education University Chennai- 97 & Faculty of Education, Dr.MGR.Educationa l and Research Institute Chennai-95	07.06.2021 - 13.06.2021
Teaching beyond classroom: Pros and Cons of online Education		Participated	IQAC- AMET, Chennai	08.06.2021 - 10.06.2021
Complex Diseases: Yoga in Health Promotion and Management	Webinar	Participated	Sree Narayana College, Kollam	07.06.2021
Music as a Language	Webinar	Participated	Sree Narayana College, Kollam	06.06.2021
Pedagagy and Research Methods	National FDP	Participated	HRDC & IQAC of AMET	24.05.2021 - 06.06.2021
Biodiversity: Life Insurance for our Changing World	National Webinar	Participated	Eco-Club of Mannar Thirumalai Naicker College (Autonomous), Pasumalai, Madurai	26.05.2021
Graphics Design	National STC	Participated	St.Mary's College (Autonomous), Thoothukudi	26.05.2021 - 31.05.2021
"Covid 19 Variants - Health and Safety	Webinar		Department of Microbiology in collaboration with Covid Cell	19.05.2021

Computational Biology	National FDP	Participated	P.G and Research Dept.of Zoology,St.Mary's College & Dept.of Zoology ,Rani Anna Govt. College for Women, Tirunelveli.
Research Methodology	FDP	Participated	Kamala Nahru Mahavidyalaya, Nagpur. 26.04.2021 - 01.05.2021
Scientific Thinking for Better Democracy	webinar	Participated	Sree Narayana College, Kollam 01-05- 2021
Post-Covid and Higher Education	FDP	Participated	IQAC of Kamaltai Jamkar Mahila Mahavidyalaya, Parbhani 19.04.2021 26.04.2021
Interdisciplinary research perspectives: Integration of science and humanity in biodiversity conservation	Internatio nal Conferenc e	Participated	DBT,Ministry of Science and technology & Dept. of Commerce, St.Mary's College, Thoothukudi
Backyard Aquaculture"	Webinar	Participated	Sree Narayana College, Kollam
Advanced Techniques in Microbiology	Internatio nal Webinar	Participated	Marian Star Center, Depa, Thoothukudirtment of Microbiology, St. Mary's College (Autonomous), Thoothukudi and Research Department of Microbiology of Sadakathullah Appa College (Autonomous), Thirunelveli

Science in Tamil Literature	Internatio nal Web Conferenc e	Participated	Marian star centre,Dept. of Tamil, St.Mary's College & Raj Publication	16.04.2021
THEORY BUILDING RESEARCH"	Internatio nal Webinar	Participated	Marian Research Forum, St. Mary's College(Autonomou s), Thoothukudi	12.03.2021
Ignite your potential:Leadershi p and Communication	Internatio nal Webinar	Participated	Alumnae Association HolycCross College[Autonomous], Nagercoil	30.07.2020
Therapeutic applications of plant based inorganic nano particles: Current status and future perspectives	Internatio nal Webinar	Participated	Dept.of Zoology, Chikkaiah Naicker College, Erode	29.07.2020
Emerging trends of professional communicationskill s in the digital era	National Webinar	Participated	Dept.of English, St.Mary's College [Autonomous], Thoothukudi	20.07.2020
Regenerative medicine and Psychoneuroimmun ology	National E- conferenc e	Participated	Dept.of Zoology, HolycCross College[Autonomou s], Nagercoil	16.07.2020
Learning to live with COVID-19: Embracing the new reality	National Webinar	Participated	IQAC, St.Mary's College [Autonomous], Thoothukudi	11.07.2020

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An Update on Covid -19	Internatio nal Webinar	Participated	IQAC, St.Mary's College [Autonomous], Thoothukudi	10.07.2020
Inclusive Procedures and Processes in Assesment and Accreditation by NAAC	Online FDP	Participated	IQAC, St.Joseph's College[Autonomou s], Tiruchirappalli	30.06.2020
Relaxation Techniques For Stress Management	National Webinar	Participated	Counselling Forum, St.Mary's College [Autonomous], Thoothukudi	28.06.2020
A Path to Wellness: Diabetes and Me	Internatio nal Webinar	Participated	Department of Zoology St.Mary's College [Autonomous], Thoothukudi	26.06.2020
RNA Vaccines- A Paradigm shift towards a Vaccine for COVID -19	Webinar	Participated	Department of Biotechnology, PSG College of Arts & Science	15.06.2020
Women In Entrepreneurship	Webinar	Participated	Entrepreneurship Cell, Jeyaraj Annapackiam College For Women, Periyakulam	15.6.2020
Porous carbon- based nano composite for energy storage and sensing & Chemical biology of COVID – 19	Internatio nal Webinar	Participated	PG and Research Center of Chemistry, Jeyaraj Annapackiam College For Women Periyakulam	11.6.2020- 12.6.2020
Future Perspective	Internatio nal Webinar	Participated	Nehru Institute Of Information Technology &Management, Coimbatore	10.6.2020- 12.6.2020
Organic Foods And Healthy Life Style	Webinar	Participated	Jeyaraj Annapackiam College For Women	10.6.2020

			Periyakulam
Biodiversity-Urgent and Existential Concern	Webinar	Participated	Dept.of Botany, St.Mary's College [Autonomous], Thoothukudi
Generation of Genomic Resources and usage of Bioinformatic Tool	Webinar	Participated	Department of Zoology V.O.C. College Thoothukudi
COVID – 19 A Herculean challenge to human immunology	Webinar	Participated	Department of Zoology St.Mary's College [Autonomous], Thoothukudi
Effective usage of ICT tools for Higher Education	Internatio nal Webinar	Participated	Servite Arts And Science College For Women, Thogamalai.
Invisible Scholars: Students with Learning Disabilities & Identification of Students with Learning Disabilities	Internatio nal Conferenc e	Participated	IQAC, St.Mary's College , Thoothukudi
How to use open educational resources to desire	National Webinar	Participated	Dept.of Physics, St.Mary's College, Thoothukudi
"Young professionals: Plotting a Career PathPost Pandemic"	Webinar	Participated	IQAC and Career Guidance and Placement Cell, St. Mary's College (Autonomous), Thoothukudi
Chemistry of Covid-19 -Threat to Global Public Health	FDP	Participated	Department of 26.05.2020 Chemistry, St.Mary's College (Autonomous),
Bioinformatics in microbiome research and climate, biome and India	Internatio nal Webinar	Participated	PG Dept. of 17.05. Chemistry, 2020 St.Mary's College, Thoothukudi
Effective usage of	FDP	Participated	Jeyaraj 09.05.2020

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ICT tools			Annapackiam College for Women(Autonomou s), Periyakulam	14.05.2020
Psychological First Aid	Webinar	Participated	Dept. of Psychology, St.Mary's College, Thoothukudi	11.05.2020
Unleashing the power of webinar to acquire essential skills	FDP	Participated	Dept.of English, Govt.Arts and Science College, Komarapalayam.	01.05.2020 - 05.05.2020
Bacterial Virulence:Perspecti ve and Pragmatic approach	Webinar	participated	Dept.of Microbiology, Indian academy Degree College (Autonomous), Bangalore	05.05.2020
Natural Product Research	Faculty Developm ent Programm e	Participated	Biozone Research Technologies Pvt.Ltd	02.01.2020
Faculty Development Programme on Improving Teaching Practice- A Strategic Approach	Faculty Developm ent Programm e	Participated	IQAC St. Mary's College, Thoothukudi and AAdhi Foundation, Chennai	26.11.2019
Challenges and Provisions in Stem Cells and Cancer Research	National Conferenc e	Participated	Dept. of Microbiology St. Mary's College Thoothukudi	16.09.2019
Writing Research Proposals For Funded Projects	National Workshop	Participated	Marian Research Forum St. Mary's College Thoothukudi	14.09.2019
Basic Techniques in Molecular Biology	Faculty Developm ent Programm e	Participated	Department of Zoology St.Mary's College Thoothukudi	20.08.2019 - 22.08.2019
Biostatistics and Bioinformatics	Faculty Developm ent Programm	Participated	Department of Botany St.Mary's College Thoothukudi	18.07.2019 - 20.07.2019

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Marine resources including mangroves- A promising future	National Seminar	participated	Centre of Advanced Study In Marine Biology
Wonderful world of Oceans:Emerging trends and Implications	Internatio nal Seminar	participated	Department of Zoology, St.Mary's College Thoothukudi
An approach to Applied Life Sciences	Internatio nal Conferenc e	Participated	Department of Microbiology St. Mary's College Thoothukudi
Fostering Transparency: Routing out Plagiarism A to Z	National Seminar	Participated	Department of Library and Research Forum, St.Mary's College (Autonomous), Thoothukudi
Research in India – Current State and Future Prospects	National seminar	Participated	Marian Research Forum St. Mary's College Thoothukudi
Academic and Research Integrity in the digital world	National Seminar	Participated	Research forum 09.12.2017 and Dept. of Library
The Joy of Living – A Psychological Perspective	Internatio nal Seminar	Participated	Department of Psychology St.Mary's College Thoothukudi
Global Climate Change-Current Trends and Management	Internatio nal Seminar	Participated	Research Centre for Plant Sciences, Department of Botany
Corrosion Awareness Programme	Seminar	Participated	NCCI &CSIR- CECRI, Karakudi & School of Biological Science
E-Waste Hazards and Management	National Seminar	Participated	Centre for Eco Feminine Excellence. St. Mary's College
Cosmic Concerns:	National	Participated	IQAC St.Mary's 27.01.2017

An interdisciplinary	Conferenc		College	-
Dialogue in	e			28.01.2017
Applied Ethics	NT 1	D 1		11.02.2016
Marine	National Seminar	Participated	Department of	11.02.2016
Bioresources:	Seminar		Zoology St. Mary's College	12.02.2016
Prospects and Threats			Conege	12.02.2010
Quality	National	Participated	IQAC St.Mary's	07.01.2016
Enhancement in	seminar	Tarticipated	College	-08.01.
Higher Education:	Schillar		Conege	2016
Teaching, Learning				2010
and Evaluation				
Ornamental fish	Seminar	Participated	Department of	02.09.2015
culture and		•	Zoology, St. Mary's	
management			College	
Molecular	Training	Participated	Department of	12.09.2014
Biotechnology and			Microbiology,	-
Bionanotechnology			St.Mary's	13.09.2014
			College	
Herbal Research	State level	Participated	Dept. of Botany	08.01.2014
Methodology	Seminar	D (1.1. (1	St.Mary's College	21.01.201.4
Institutional Quality	National	Participated	IQAC	31.01.2014
Improvement: Role of Information	Seminar		St.Mary's College	01.02.2014
Technology and				01.02.2014
Communication				
Fabrication and	Workshop	Participated	Dept. Of Zoology	18.12.2012
Management of	Workshop	Tarrespacea	St.Mary's College	10.12.2012
Aquarium				
E-Resources A	Seminar	Participated	Dept. Of Library	19.10.2012
Must In Today's		•	St.Mary's College	
Scholarly World				
Molecular	National	Participated	Dept. of	12.09.2012
Biotechnology &	Seminar		Microbiology	-
Bionanotechnology			St.Mary's College	13.09.2012
The Use of	Seminar	Participated	I-CARE-Italy	05.01.2011
Alternatives to	and	•		
Animals in Life	Workshop			
Science				

Papers Published

Paper Title Author(s)	Journal	Year	Volume	Issue	Page No.	
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Molecular characterization of protein and antioxidant capacity of Turbo brunneus R. Cypraea annulus L. and Babylonia spirata L	P.Subavathy and S.Mary Baptista Janet	International Journal of Pharmaceutical Science and Research	2020	11	7	3285-3293
Evaluation of biochemical composition of <i>Fusinus nicobaricus</i> (Roeding, 1798)	P.Subavathy, R. D. Thilaga, Jemma Hermelin Jesy Diaz and S. Mary Baptista Janet	Outreach- Multidisciplinary Research Journal	2015	7	2	134-143
Anticancer activity of marine cephalopod S.Pharaonis from Gulf of Mannar	Jesy Diaz and Mary Baptista Janet	International Journal of Current Research	2014	6	11	10009- 10012

Book Chapter Published

Chapter Title	Book Title	Author(s)	Publisher	Year	ISBN
					No.
Marine derived	An International	Dr.Subavathy,	Selfypage		
pharmaceuticals:	Book on	Dr.M. Isai,	Developers	2024	978-1-
Recent trends	Emerging and	Dr.Jemma	Pvt.Ltd,		68576-
and applications	Advance	Hermalin Jessy	Paisley		499-9
	Applied Trends	Diaz and	Circle, Novi,		
	in Life sciences	Dr.S.Mary	Michigan,		
		Baptista Janet	USA.		
Analysis of	Biodiversity of	P.Subavathy,	Bharti	October,	978-93-
Marine	our Mother Earth	K.Chitra and	Publications,	2022	94779-
Molluscan		S.Mary	New Delhi		42-6
Biodiversity in		Baptista Janet			
the Gulf of					

Mannar Region			

As Resource Person

Date	Name of the Institution	Invited As	Topic/Event
28.08.2017 -	PG and Research		Inservice training
01.09.2017	Department of	Resource Person	programme for
	Zoology, St. Mary's		secondary grade
	College, Thoothukudi		science teachers"

COLLABORATIVE ACTIVITIES

- ➤ Member of CAS Evaluation Board (Evaluation of the CAS proposal submitted by the faculty member of the Department of Zoology), Kamaraj College, Thoothukudi 628003
- ➤ Member of Board of Studies in Department of Zoology, Holy Cross College, Nagercoil.
- ➤ Member of Board of Studies in Department of Zoology, M.S.University, Tirunelveli.
- ➤ External Member of Technical Expert Committee to interview candidates for selection of Assistant Professor, Department of Zoology, Lady Doak College, Madurai.

POSITIONS HELD:

Dean of School of Biological Sciences

Member of College Council

Member of Academic council

Member of Finance committee

Member of Awards committee

Member of IQAC

Member-NAAC Committee

Member-Career Guidance Cell

Staff-in-Charge of AICUF

Care taker of NCC

Staff-in-Charge of Parent Teacher Association

Student's Council Advisor

Member of Doctoral Committee

Staff-in-Charge of Staff Club

Member of Examination Cell

Member of College Choir

Member of Magazine Committee

Assistant Co-ordinator of Centre for Service Excellence

Member - Student Welfare Committee

Member of College Council