

Name	B.Maria Sumathi
Qualification	M.Sc., B.Ed., M.Phil., Ph.D.
Designation	Assistant Professor
Year of Joining	22.11.2017
Specialization	Medicinal Botany
Email id	sumathiatsmc@gmail.com
Mobile No.	8056327837



Seminars/Workshops/FDP/ Conferences

Title of the Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organized By	Date
Online Workshop on Creation of Research Id's				Department of Commerce, Patrician College of Arts and Science	3/07/2021
State level Webinar on 'Delicious and Medicinal Mushroom Culture Techniques- Lab to Farm				Department of Botany, Sadakathullah Appa College, Tirunelveli	28/06/2021
National Webinar on 'Technical Details of Covid-19 Vaccines and Opportunities for Biologists'	National			IQAC, Guru Nanak College (Autonomous) Chennai	25/06/2021

Faculty development programme on 'Higher Education for the 21st Century; Important Factors that shape the role of the Academic today'				Geetha Jeevan Arts and Science College, Thoothukudi	18/06/2021
International Webinar on 'Microbiome Understanding the host pathogen interactions'	International			Sadakathullah Appa College, Tirunelveli	18/06/2021
National Webinar on 'Plant Metabolic Engineering'	National			Guru Nanak College (Autonomous) Chennai	15/06/2021
International faculty development programme on 'Challenges in Energy Management for Smart Cities (CEMSC) 2021'	International			Department of Electrical and Electronics Engineering and Centre for Renewable Energy Technology- AVIT	07/06/2021 to 11/06/2021
One day webinar on 'Covid 19 Variants- Health and Safety'				St. Marys College (Autonomous), Thoothukudi	19/05/2021
One week faculty development programme on 'Open source tools'				Teaching Learning centre, Ramanujan College University of Delhi	03/04/2021 To 09/04/2021

for research'					
One day faculty development programme on "Microbes as Biopreservatives"	National	Participated	-	Department of Zoology. V.V Vanniperumal College for women(Autonomous), Virudhunagar	18/03/2021
International Webinar on Marine Biology	International	Participated	-	PG and Research Department of Zoology, St. Mary's College (Autonomous), Thoothukudi	11/08/2020
National level Webinar on "Holistic Approach to Conserve Nature-A need of the Day"	National	Participated	-	Department of PG Zoology in association with IQAC, Nesamony Memorial Christian College, Marthandam	30/07/2020
International Webinar on Challenges and Prospects ; Teaching-Learning Environment during and after Pandemic period in india	International	Participated	-	Department of Geography, In Collaboration with IQAC, Government College of Education, Banipur, West Bengal	30/07/2020
One day national webinar on "Covid-A hidden war in open field	-	Participated	-	Internal quality assurance cell, St. Mary's College (Autonomous), Thoothukudi	29/07/2020

National Webinar on Issues and Challenges of women in Covid-19 Contexts	National	Participated	-	St.John's College of Education, Palayamkottai	29/07/2020
Online International Webinar on Hepatitis-An Insight to Comemorate World Hebatitis Day	International	Participated	-	Department of Microbiology and Biotechnology, Kumararani Meena Muthiah College of Arts and science ,Adyar Chennai	28/07/2020
National Webinar on Current Issues Emerging over Environment and Education	National	Participated	-	Department of Botany, St.Joseph 's College (Autonomous) Tiruchirappalli	28/07/2020
Webinar on "Plants and people"	-	Participated	-	Department of Botany, Sri Parasakthi College for Women ,Courtallam	27/07/2020
National level webinar on" Covid-19;How to increase our immunity and Siddha Medicines to take for Corona "	National	Participated	-	Department of commerce, Rathinam College of Arts and Science (Autonomous) Coimbatore	24/07/2020
Oneday National Webinar on Microplastics - Identification ,Quantificati	National	Participated	-	PG department of Zoology ,Aditanar College of Arts and Science ,Tiruchendur	24/07/2020

on and its impact on Marine Biodiversity					
One day National Workshop on The importance of ICT and its tools	National	Participated	-	Department of English and IQAC,Saradha Gangadharan College,Puducherry	23/07/2020
National Webinar on “Effect of Global Climatic change on Biodiversity	National	Participated	-	PG and Research Department of Zoology,Sri Parasakthi College for Women ,Courtallam	23/07/2020
National level webinar on Challenges of the post Covid-19 World	National	Participated	-	Scot Springes,Scot Christian college,Nagercoil	22/07/2020
Webinar on “Science behind Criminal Investigation (SBCI-2020)	-	Participated		Department of chemistry,Kamaraj college,Thoothukudi	22/07/2020
Webinar on Marine Biodiversity-Status, Threats and conservation	-	Participated		Department of Zoology,Muthayammal college of Arts and science,Rasipuram, Namakkal	20/07/2020
International webinar on “Advancement in Nano Technology	International	Participated	-	Department of Chemistry and Research,Annai velankanni college Tholayavattam	18/07/2020
National Webinar on “Vermicomposting:The	National	Participated	-	The Health Club and Entrepreneurship development	16/07/2020

future of sustainable agriculture and organic waste management				cell of Annammal college of education for women	
Capability Enhancement programme on "Steps ;Success through essestial people skills	-	Participated		IQAC,A.P.C Mahalaxmi College for women	14/07/2020
International Webinar on "Cancer Research and Therapy	International	Participated	-	The center for extension activities -Red Ribbon Club,Geetha Jeevan Arts And Science College	13/07/2020
Webinar on "Phytoremediation technologies: An Overview	-	Participated	-	PG Department of Chemistry, A.P.C Mahalaxmi college for women	11/07/2020
Two – Day National level E-Worshop on "Unterstantin g OBS Studio and Streamyard for E-Content creation and live streaming	National	Participated	-	The faculty of humanities and science,Adayala mpattu Phase-II campus, Dr.M.G.R Educational and Research Institute, Chennai	10/07/2020 to 11/07 /2020
One day National level Webinar on "Personality Development	National	Participated	-	Department of Social work,Ganesar Arts and science college. Ponnamaravathy ,Melasivapuri,pudukottai	10/07 /2020

				District, Tamilnadu	
International Webinar on An Update on Covid-19	International	Participated	-	Internal quality assurance cell, St. Mary's College (Autonomous), Thoothukudi	10/07/2020
Webinar on "Plant tissue culture- Biotechnological tool for conservation of medicinal plants	-	Participated	-	The Department of Botany, Kamaraj college	09/07/2020
International webinar on Recent innovations in applied microbiology	International	Participated		Department of microbiology, N oorul Islam college of Arts and science, Kumara covil, Tamilnadu	09/07/2020
International Webinar on "ICT in education during and after Covid-19	International	Participated	-	Internal quality assurance cell, SNM Training college, Moothak unnam, Kerala	09/07/2020
One day online session on 'Learn to live-Attitude and skills to face the future	-	Participated	-	Internal quality assurance cell, A.P.C Mahalaxmi college for women	08/07/2020
Faculty development programme on "Innovation and intellectual property rights"	-	Participated	-	The PG department of chemistry, A.P.C Mahalaxmi college for women	06/07/2020

Webinar on “Rudiments of outcome based education	-	Participated	-	Internal quality assurance cell, Kamaraj college	06/07/2020
National Level webinar on Effective online Teaching Tools	National	Participated	-	Bachelor of Commerce and Commerce (CA), K.S Rangasamy College of Arts and Science(Autonomous),	04/07/2020
Webinar on”X-Fragile Chromosome in human	-	Participated	-	Department of Zoology, Michael Job College of Arts and Science for women	1/07/2020
International Webinar on Vision for a better post-COVID-19 WORLD”	International	Participated	-	The Department of History,Servite Arts and Science College for women,Karur	30/06/2020
National webinar on Shola forest;A Paradise of Biodiversity’	National	Participated	-	The Department of Botany, Bishop Heber College, (Autonomous), Tiruchirappalli	30/06/2020
National webinar on ‘Relaxation Techniques for Stress Management ,	National	Participated	-	St. Mary’s College (Autonomous), Thoothukudi	28/06/2020
International Webinar on A Path to wellness; Diabetes and Me	International	Participated	-	The Department of Zoology St. Mary’s College (Autonomous), Thoothukudi	26/06/2020
Virtual session on	-	Participated	-	Dr.M.G.R Educational and	23/06/2020

mindfulness				Research Institute	
International Technical Webinar on Advancements in Biotechnology	-	Participated	-	Department of Biotechnology, St. Joseph's College of Engineering, OM R, Chennai	22/06/2020 to 24/06/2020
Online Faculty Development Programme on "E-Content Creation and Online Learning Management System"	-	Participated	-	Department of Computer Science MARY MATHA COLLEGE of Arts and Science Periyakulam East, Theni Dt, Tamilnadu	16/06/2020 to 20/06/2020
Faculty Development Programme on "Research Capacity Building under UGC scheme, STRIDE component-1"	-	Participated	-	V.O.Chidambaram College, Thoothukudi	15/06/2020 to 17/06/2020
International Webinar on ; Genetic Factors-The Root Cause of Drug Response variation	International	Participated	-	The Department Botany, St. Joseph's College (Autonomous), Tiruchirappalli	13/06/2020
International Webinar on "The Role of strong internal system in organization"	International	Participated	-	The Department of Commerce, St. Mary's College (Autonomous), Thoothukudi	11/06/2020
A One day Webinar on Biodiversity	-	Participated	-	Department of Botany, St. Mary's College	10/06/2020

- Urgent and Existential concerns				(Autonomous), Thoothukudi	
Webinar on "Philosophy of Science behind Biotechnology"	-	Participated	-	Research Department of Biotechnology, Annai Velankanni College, Tholayavattam	09/06/2020
Generation of Genomic Resources and usage of Bioinformatics tool	-	Participated	-	The Department of Zoology V.O.Chidambaram College, Thoothukudi	09/06/2020
One day online webinar on "Stemcell therapy in Covid -19 present in future"	-	Participated	-	The Department of Microbiology (SSC), St. Mary's College (Autonomous), Thoothukudi	08/06/2020
DNA Fingerprinting and its Applications in Genetic Testing	-	Participated	-	The Department of Zoology V.O.Chidambaram College, Thoothukudi	08/06/2020
Online Faculty Development Program on 'Challenges for College Teachers in the new Educational Scenario'	-	Participated	-	Mary Matha College of Arts and Science, Periyakulam East, Theni	06/06/2020
Webinar on Dream Big	-	Participated	-	PG and Research Department of Zoology, V.O.Chidambaram College,	06/06/2020

				Thoothukudi	
Webinar on Microbes, The Drivers of human life	-	Participated	-	The Department of Botany, St. Joseph's College, (Autonomous), Tiruchirappalli	06/06/2020
National Webinar on "Plant Biodiversity of India; Status and Trends"	National	Participated	-	The Department of Botany in association with IQAC of Sree Narayana College, Sivagiri	05/06/2020
Webinar on "Covid 19-A Herculean Challenge to Human Immunology"	National	Participated	-	The Department of Zoology St. Mary's College (Autonomous), Thoothukudi	05/06/2020
Online course on "Time for Nature"	-	Participated	-	International youth Society-Tuticorin chapter	05/06/2020
Webinar on "Insights into Research"	National	Participated	-	The Yenepoya Institute of Arts, Science, Commerce & Management Mangalore	04/06/2020
Webinar on "Biodiversity Conservation with Special Reference to Agrobiodiversity"	-	Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	04/06/2020
Two day Webinar on 'Mossbauer Spectroscopy - Elucidation of Magnetic compounds in Biological	National	Participated	-	The Department of Botany, Mary's College (Autonomous), Thoothukudi	03/06/2020

system'					
Webinar on 'Protecting ourselves from the spread of noval Corona virus in the present scenario'	National	Participated	-	The Department of Botany and Research centre, Nesamony Memorial Christian College. Marthandam	03/06/2020
International National Webinar on 'Effective usage of ICT tools for Higher Education'	International	Participated	-	Servite Arts and Science College for women, Thogamalai	03/06/2020
Webinar on "Bioprospecting of Medicinal plants: Challenges and Opportunities"	-	Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	03/06/2020
International Faculty Development Programme on "Invisible Scholars: Students with learning disabilities and identification of students with learning disabilities"	International	Participated	-	IQAC St. Mary's College (Autonomous), Thoothukudi	02/06/2020
Webinar on "How to use open Educational Resources to Desire"	-	Participated	-	The Department of Botany, The American College, Madurai	01/06/2020
International	International	Participated	-	Loyola College,	01/06/2020

webinar series on Infectious Disease – Biology, Diagnosis, Preventive				Chennai	to 04/06/2020
One week Faculty Development Program on”Transforming Education-The Google classroom way”	-	Participated	-	Aachi Institute of Management and Entrepreneurial Development, Anna Nagar, Chennai.	01/06/2020 to 07/06/2020
Faculty Development Program on”Capacity Building program for Teachers during and post COVID-19	National	Participated	-	Department of Management Studies, Godavari Institute of Engineering and Technology, Rajamahendravaram, Andhra Pradesh	29/05/2020 and 30/05/2020
A two-Day e-Faculty Development Program on”Virtual Teaching-Learning MOODLE the Efficient way	National	Participated	-	Faculty of Humanities and Science. Adayalampattu phase-II Campus in association with the Institution of Engineers(India) Local Centre. Dr.M.G.R Educational and Research	2/05/2020 and 30/05/2020
Webinar on ‘Family Enrichment’	National	Participated	-	Mary’s College (Autonomous), Thoothukudi	30/05/2020
Webinar on ‘Scope for the Utilization of Herbal	-	Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	29/05/2020

Medicines for Human Health in COVID-19 like Scenario					
National Webinar on Antiviral marine macroalgae sulfated polysaccharides to Boost immunity as well as active against Respiratory infection	National	Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	27/05/2020
National training Workshop on Research Proposal for UGC STRIDE projects; Preparation & Submission in Protocol	National	Participated	-	Department of English, JP College of Arts & Science	27/05/2020
Webinar on Manage Stress Before Stress Manages you	-	Participated	-	Department of Commerce Mary's College (Autonomous), Thoothukudi	27/05/2020
A One Day Online Faculty Development Programme on "Chemistry of Covid-19 - Threat to Global Public Health	-	Participated	-	Department of Chemistry, St. Mary's College (Autonomous), Thoothukudi	26/05/2020

Webinar on Climate Change on Biodiversity Resources	-	Participated	-	The Department of Botany, V.O.Chidambaram College, Thoothukudi	26/05/2020
A Two Day Faculty Development Programme on 'Impact of Emerging Technologies on Life Sciences'	-	Participated	-	Department of Biochemistry and Biotechnology, Kongu Arts and Science College(Autonomous),Erode	26/05/2020 to 27/05/2020
National Level MediaWebinar Series 'FromBooks To Screen The Real Challenge	National	Participated	-	The Department of visual Communication VLB Janakiammal College of Arts and Science,Coimbatore	25/05/2020
Webinar on An Insight Into NAAC - RAF	-	Participated	-	The Internal Quality Assurance Cell, V.O.Chidambaram College, Thoothukudi	22/05/2020
4 Days Online International E-Conference 2020 on 'Novel Biotechnological Approach to Sustain in pandemic Scenario	International	Participated	-	Department of Biotechnology & Research SNMV CAS,Coimbatore,India	18/05/2020 To 21/05/2020
Five Day online workshop on Effective Online	-	Participated	-	Department of Commerce, Kamaraj College, Thoothukudi	18/05/2020 To 22/05/2020

Teaching Methodologies					
A One Day International Webinar on “Bioinformatics in Microbiome Research & climate, Biomes and India	International	Participated	-	PG Department of Chemistry, St. Mary’s College (Autonomous), Thoothukudi	17/05/2020
Online Workshop on “Scientific writings for Journals “	-	Participated	-	Springer Nature	15/05/2020
E-Conference on “Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World”	International	Participated	-	Government Vidarbha Institute of Science & Humanities, Amravati, India	15/05/2020 to 17/05/2020
Three Day online course on Apiculture	-	Participated	-	Ayya Nadar Janaki Ammal College(Autonomous), Sivakasi	13/05/2020 to 15/05/2020
Two-day Online Workshop on Mental Health and Psychosocial Consideration During Lockdown	-	Participated	-	St. Mary’s College (Autonomous), Thoothukudi in association with Aadhi Foundation	13/05/2020 To 14/05/2020
Webinar on “Selection of Appropriate	-	Participated	-	Research Advisory Committee	12/05/2020

statistical tools: A critical way for successful Research”				St. Mary’s College (Autonomous), Thoothukudi	
Faculty Development Programme on "Research Challenges and Innovations in Renewable Energy Systems	International	Participated	-	The Department of Electrical and Electronics Engineering in association with Centre for Renewable Energy Technology-AVIT	11/05/2020 to 16/05/2020
Webinar on “Bio Diversity	-	Participated	-	ECO Club, Mannar Thirumalai Naicker College, Madurai	2/05/2020
The Webinar Application of Molecular Markers in Plant Systematics	-	Participated	-	The Department of Botany, V.O.Chidambar am College, Thoothukudi	2/05/2020
Webinar on “Traditional Medicine	National	Participated	-	The Department of Botany, Sadakathullah Appa College(Autonomous), Tirunelveli	3/.05/2020
A Two – Week MOOC Workshop for College Teachers on “Management of Environment and its Resources”	-	Participated	-	Nesamony Memorial College , Marthandam &St.Xavier’s College, Palayamkottai	28/04/2020 to 11/05/2020

National Seminar on Scientific Publication and Evaluation: Reference tools, Citation Analysis and Plagiarism	National	Participated	-	Department of Library and Research forum of St. Mary's College (Autonomous), Thoothukudi in collaboration with SALIS (Tirunelveli Chapter	03/02/2020
Faculty Development Training on Natural Product Research	-	Participated	-	Bioscience Institute of Life Sciences in house R and D department recognized by Department of Scientific and Industrial Research	02/01/2020 to 04/01/2020
Seminar on "Biodiversity and Climate Change"	International	Presented	Phytochemical, Antioxidant, FTIR, GCMS analysis and Biological activities of two Cassia species.	Department of Botany and Research Centre, Scott Christian College (Autonomous), Nagercoil.	05/12/2019 - 06/12/2019
Faculty Development Programme	-	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	26/11/2019
National Workshop on Writing Research Proposals for Funded Projects	National	Participated	-	Research Advisory Committee, St. Mary's College (Autonomous), Thoothukudi	14/09/2019
Faculty Development Programme on	Workshop	Participated		Star College Programme 2019-2020, Department of	18/08/2019 - 20/08/2019

Biostatistics and Bioinformatics				Botany, St. Mary's College (Autonomous), Thoothukudi	
Conference on BIOMI 2019	National	Presented	Anti-Inflammatory Activity Of <i>Jatropha Maheswari</i> subram. &Nayar Leaves Extracts Against Carrageenan Induced Paw Edema	Chennai National Arts and Science College,Avadi .Chennai.	7/8/2019
E-Content: Processing and Development	Workshop	Participated	-	IQAC, St. Mary's College (Autonomous), Thoothukudi	18/03/2019-22/03/2019
Wonderful World of Oceans: Emerging Trends and Implications	International	Participated	-	Department of Zoology St. Mary's College (Autonomous), Thoothukudi	12/02/2019
Research in India- Current State and Future Prospects	National	Participated	-	Marian Research Forum, St. Mary's College (Autonomous), Thoothukudi	11/04/2018
Seminar on Academic and Research Integrity in the Digital World	National	Participated	-	Research Forum and Department of Library, St. Mary's College (Autonomous), Thoothukudi	09/12/2017
Seminar on Biology for Sustainable	International	Presented	Green synthesis and characterizati	Bharathidasan University Tiruchirappalli	7/3/2017 and 8/3/2017

Environment			on of silver nanoparticles using the plant <i>Jatropha multifida</i> L. <i>Jatropha podagrica</i> Hook. And their antioxidant capacity		
Workshop on Human values development programme	National	Participated	-	St.Mary's College, Thoothukudi	2/2/2017
Conference on Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics	National	Participated	-	St.Mary's College, Thoothukudi	27/1/2017 and 28/1/2017
Workshop on Current Scenario in Plant Sciences	National	Participated	-	V.O.Chidambaram College, Thoothukudi	28/12/2016 and 29/12/2016.
Conference on 'Emerging Infectious Disease and Curative Measures'	National	Participated	-	Kamaraj College, Thoothukudi	22/12/2016 and 23/12/2016
Conference on "Environment and Health in Changing Climate"	International	Presented	Antioxidant content and antioxidative capacities of <i>Commelina benghalensis</i>	Department of Environmental Biotechnology, Bharathidasan University Tiruchirappalli	14/09/2016-16/09/2016
Workshop on Recent Trends in Biological Sciences	National	Participated	-	Kamaraj College, Thoothukudi	17/8/2016 and 18/8/2016

Seminar on Multi disciplinary research	National	Participated	-	St.Mary's College, Thoothukudi	20/2/2016
Seminar on Quality enhancement in higher education: Teaching, Learning and Evaluation	National	Participated	-	St.Mary's College, Thoothukudi	7/1/2016 and 8/1/2016
Seminar on 'Role of Information and Communication Technology'	National	Participated	-	St.Mary's College, Thoothukudi	31/1/2014 and 1/2/2014
Seminar on 'Herbal Research Methodology'	state	Participated	-	St.Mary's College, Thoothukudi	8/1/2014
Seminar on E-Resources- A must in today's scholarly world	National	Participated	-	St.Mary's College, Thoothukudi	19/10/2012
Seminar on Nature and Biodiversity Conservation	National	Presented	Biopotential and biodiversity of Jatropha sp in Tamil nadu	Sadakathullah Appa College, Tirunelveli	11/9/2011
Conference on "Empowering learners Beyond Cognition"	International	Participated	-	V.O.Chidambar am College of Education, Thoothukudi	30/11/2006-02/12/2006
Seminar on 'Right to information'	state	Participated	-	V.O.Chidambar am College of Education, Thoothukudi	29/8/2006

Seminar on 'The management of estuaries and coastal zone in the context of recent tsunami'	state	Participated	-	Department of zoology, A.P.C Mahalaxmi College for women, Thoothukudi	17/10/2005
Workshop on medicinal plants	National	Participated	-	St.Mary's College, Thoothukudi	27/1/2005
Seminar on Biotechnology	National	Participated	-	St.Mary's College, Thoothukudi	11/9/2004

Papers Published

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Anti-inflammatory activity of <i>Jatropha gossipifolia</i> L. leaves extracts against carrageenan induced paw edema	B. Maria Sumathi,R.S Jothi and F.Uthayakumari	Marian Quest	2017	6		53-58
Phytochemical investigation of whole plant extracts of <i>Cyperus bulbosus</i> vahl by GC-MS analysis	Santhanamari N., Uthayakumari F. & Maria Sumathi B.	world journal of pharmacy and pharmaceutical sciences	2016	5	4	1671-1676
GC MS Analysis of leaves of <i>Jatropha maheswari</i> Subram and Nayer.	B. Maria Sumathi and Uthayakumari	Science Research Reporter	2014	4	1	24-30
Bioweedicidal Potential of <i>Jatropha</i>	B.M.Sumathi,F. Uthayakumari and Dhanaseeli	Marian Quest	2012	I	2	148-

<i>glandulifera</i> Roxb against <i>Parthenium</i> <i>hysterophorus</i>						153
Determination of Phytoconstituents by Gc-Ms in leaves of <i>Jatropha</i> <i>gossipifolia</i> L.	Bharathy V,B. Maria Sumathy and F. Uthayakumari	Science Research Reporter	2012	2	3	286- 290
Pharmacognostical Studies on the endemic medicinal plant <i>Jatropha</i> <i>maheswari</i> Subr and Nayer (Euphorbiaceae	F. Uthayakumari* and M. Sumathy	International Journal of Pharm tech.Research,	2011	3	4	2169- 2174

Online Courses:

1.Completed “Plant Developmental Biology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt, of India) offered by Indian Institute of Technology,Roorkee through Swayam Portal during Sep-Oct 2020 (4 week course)

2.Completed “Applied Environmental Microbiology” a NPTEL Online Certification Course (Funded by the Ministry of HRD, Govt, of India) offered by Indian Institute of Technology,Roorkee through Swayam Portal during Jan-Apr 2021 (12 week course)

Others:

- Member of CDP (2014-15; 2019-2021)
- Member of RRC (2015-16)
- Member of General Discipline committee (2016-17)
- Member of Examination Committee (2016-17; 2017-18; 2019-2021)
- M.Phil Project guided -1