

Name	Dr. Sr. A. Arockia Jenecius Alphonse
Qualification	M.Sc., M.Phil., Ph.D.
Designation	Assistant Professor of Botany
Year of Joining	05/10/2007
Specialization	Marine Biology, Molecular Biology
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SEMINARS/WORKSHOPS/FDP/ CONFERENCES (2015 – 2020)

Title of the Workshop/ Seminar/ FDP	Type	Paper Presented/ Participated	Title of the Paper	Organised by	Date
Workshop on “Plant Proteomics for Teaching Faculty	National	Participated	-	SRM University	27.01.15 to 31.01.15
Seminar on Plant Genetic resources: Utilization and Conservation	National	Participated	-	PG & Research Department of Botany, V.O.Chidambar am College, Thoothukudi	12.02.15 & 13.02.15
Intensive Training Programme on “Communicative English	National	Participated	-	Dinkys Global HR and Edu. Consultancy	18.05.15 to 31.05.15
Workshop on Basic statistics using SPSS and Excel	National	Participated	-	Sadakathullah Appa College (Autonomous) Palayamkotai	05.01.16 & 06.01.16
Seminar on Quality Enhancement in Higher Education: Teaching,	National	Participated	-	IQAC, St. Mary’s College (Autonomous), Thoothukudi	07.01.16 & 08.01.16

Learning & Evaluation					
Training Programme of Direct Benefit Transfer (DBT) Scheme- Central Plan Scheme Monitoring System (CPSMS)	National	Participated	-	Mata Sundari College, New Delhi.	13.07.16
Conference on “Benchmarking Procedures and Practices for Quality Enhancement in Higher Education	National	Participated	-	Christ University, Bangalore	22.11.16 to 24.11.16
Conference on Cosmic Concerns: An Interdisciplinary Dialogue in Applied Ethics	National	Participated	-	IQAC, St. Mary’s College (Autonomous), Thoothukudi	27.01.17 & 28.01.17
Swatch Bharat Abhiyan Award Ceremony	National	Participated	-	Ministry of Human Resource Development, New Delhi	14.09.17
Workshop on Public Financial Management Systems (PFMS) with special reference to EAT modules	National	Participated	-	VHNSN College (Autonomous), Virudhunagar	07.08.18 & 08.08.18
Seminar on Prevention of Sexual Harassment at Working Places & Creation of Legal Awareness	University	Participated	-	Centre for Women Empowerment & Women Studies, Manonmaniam Sundaranar University	03.10.18
Workshop on “NAAC Reforms:	National	Participated	-	IQAC, V.O.Chidambar am College,	14.12.18 & 15.12.18

Outcome based education – an overview”				Thoothukudi	
Workshop on “Autonomy to Colleges, Benefits and way forward”	National	Participated	-	UGC, SERO, Hyderabad	04.02.19
Seminar on Indian Higher Education: Current Status and Leadership Challenges	National	Participated	-	Christ University	11.06.19 to 13.06.19
Workshop on Research Integrity & Awareness	National	Participated	-	University Grant Commission, South Eastern Regional Office, Hyderabad	05.08.19
Workshop on Innovative and Responsive Teaching Skills	National	Participated	-	Coimbatore Institute of Technology	03.09.19 to 07.09.19
Faculty Development Training on Natural Product Research	College	Participated	-	Bioscience Institute of Life Sciences in house R and D department recognized by Department of Scientific and Industrial Research	02.01.20 to 04.01.20
Conference on Climate Change: Adaptation and Mitigation	International	Presented	Isolation and Identification of Bacteria from Soil Samples of Three Different	Finishing School Cell, St. Thomas’ College (Autonomous), Thrissur, Kerala, India	08.01.20 to 10.01.20

			Sites in SPIC, Thoothukudi		
Seminar on Inspirational Leadership for higher Education Institutions in India in the 21 st Century	National	Participated	-	Xavier Board – Tamil Nadu Region and jointly organized by Fatima College Madurai and St. Joseph's College (Autonomous), Trichirapalli	25.02.20
Webinar on ICT Application in Teaching and Learning	--	Participated	-	Colombo Plan Staff College	22.04.2020
Webinar on Blue Ocean Strategy	--	Participated	-	Colombo Plan Staff College	24.04.2020
FDP on Trends and Opportunities in Life Science Sector	--	Participated	-	PG Department of Microbiology, Cauvery College for Women (Autonomous), Trichy	03.05.2020
Webinar on How Nanoscience and Technology inspired from nature and Transforming the World	--	Participated	-	PG Department of Physics, Cauvery College for Women (Autonomous), Trichy	03.05.2020
Webinar on Revised Taxonomy of Learning Domains and its Implication	--	Participated	-	Colombo Plan Staff College	05.05.2020
Webinar on Bacterial Virulence:	--	Participated	-	Department of Microbiology, Academy	05.05.2020

Perspective and Pragmatic Approach				Degree College (Autonomous), Bangalore	
Webinar on Use of Elsevier Tools in Research Work Flow	National	Participated	-	Department of Commerce, University of Madras, Chennai	05.05.2020
FDP on Managing Online Classes and Co-Creating MOOC	--	Participated	-	Teaching Learning Centre, Ramanujan College, University of Delhi	20.04.2020 to 06.05.2020
Webinar on Redefining Learning Spaces – Change agent in Educational Ecosystem	--	Participated	-	Colombo Plan Staff College	06.05.2020
Webinar on Role of TVET Schools in Bridging the Gap in Workforce Development	--	Participated	-	Colombo Plan Staff College	08.05.2020
FDP on Empowering Teachers for Smart Teaching	--	Participated	-	St. Joseph's PU College, Bangalore	05.05.2020 to 11.05.2020
Webinar on Cultivating a Positive Attitude for Professional Excellence	--	Participated	-	Colombo Plan Staff College	13.05.2020
Online Workshop on Mental Health and Psychosocial Consideration During Lock Down	--	Participated	-	St. Mary's College (Autonomous), Thoothukudi	13.05.2020 & 14.05.2020
FDP on Research Challenges and Innovations in Renewable Energy Systems	International	Participated	-	Department of Electrical and Electronics Engineering & Centre for	11.05.2020 to 16.05.2020

				Renewable Energy Technology, AVIT	
FDP on Moodle Learning Management System	--	Participated	-	V.P. Institute of Management Studies and Research, Sangli in Association with Spoken Tutorial IIT Bombay	12.05.2020 to 17.05.2020
Webinar on Soft Skills Development	--	Participated	-	Colombo Plan Staff College	19.05.2020
Webinar on NAAC: A Guide for Beginners	--	Participated	-	Indra Ganesan College of Engineering, Tiruchirappalli	19.05.2020
Webinar on Re-evaluating COVID 19 for New Business Opportunities	National	Participated	-	Department of Economics, Thakur College of Science & Commerce (Autonomous), Mumbai	19.05.2020
Webinar on Mind Your Minds During Lock Down – To Counter Stress	--	Participated	-	Department of Mathematics, V.O.C. College, Thoothukudi	20.05.2020
Webinar on Recent Trends in Digital Image Processing	--	Participated	-	Shri Krishnaswamy College for Women, Chennai	20.05.2020
Webinar on Entrepreneurship	--	Participated	-	Colombo Plan Staff College	21.05.2020
Webinar on an Insight into NAAC - RAF	--	Participated	-	V.O.C. College, Thoothukudi	22.05.2020
Webinar on Two Dimensional Materials for Diverse Application	National	Participated	-	Cambridge Institute of Technology, Bangalore	23.05.2020

Webinar on Teacher Resilience: The Blueprint for Efficiency During Uncertainty	--	Participated	-	St. Mary's College (Autonomous), Thoothukudi & Annammal College of Education for Women, Thoothukudi	23.05.2020
Webinar on Synthesis of Biologically Active Compounds Based on Nitrogen Heterosystem	International	Participated	-	IQAC & Department of Chemistry, Annai College of Arts & Science, Tiruchirapalli	23.05.2020
FDP webinar on Managing Your Finances and Investing During	National	Participated	-	Department of Commerce, St. Mary's College (Autonomous), Thoothukudi	25.05.2020
Webinar on Image Analytics and Processing	--	Participated	-	Department of Computer Science, V.O.C. College, Thoothukudi	25.05.2020
Webinar on Teachers for Future – Capacity Building Session	--	Participated	-	Annammal College of Education for Women, Thoothukudi	27.05.2020
Webinar on Anti-Viral Marine Macro Algae Sulfated Polysaccharides to Boost Immunity as Well as Active Against Respiratory Infection	--	Participated	-	Department of Botany, V.O.C. College, Thoothukudi	27.05.2020
Training Workshop on Research	National	Participated	-	J.P. College of Arts & Science, Tirunelveli	27.05.2020

Proposals for UGC STRIDE Projects					
Webinar on Molecular Docking in Rational Drug Design	National	Participated	-	IQAC & Department of Chemistry, Annai College of Arts & Science, Tiruchirapalli	27.05.2020
FDP on Moodle Learning Management System	--	Participated	-	GRABS Educational Charitable Trust & Tamil Nadu Association of Intellectual and Faculty	25.05.2020 to 29.05.2020
Webinar on Writing Proposals for Funding Agencies: Project Design and Project Proposals	International	Participated	-	Department of Commerce, Rathinam College of Arts and Science, Coimbatore	29.05.2020
Webinar on Scope for the Utilization of Herbal Medicines for Human Health in COVID – 19 Like Scenario	--	Participated	-	Department of Botany, V.O.C. College, Thoothukudi	29.05.2020
FDP on Virtual Teaching Learning Moodle the Efficient Way	--	Participated	-	Dr. MGR Educational and Research Institute, Chennai	29.05.2020 & 30.05.2020
FDP on Emerging Trends Information Technology	National	Participated	-	IQAC & Department of Commerce, Agurchand Manmull Jain College, Meenambakkam, Chennai	28.05.2020 to 30.05.2020
Webinar on Transformational	--	Participated	-	Jaipura Institute of Management,	30.05.2020

Role of Technology in Higher Education				Indirapuram, Ghaziabad	
Webinar on How to Use OER to Desire	National	Participated	-	Department of Physics (SSC), St. Mary's College (Autonomous), Thoothukudi	31.05.2020
Webinar on Mangrove Ecosystem	--	Participated	-	United Way Mumbai	31.05.2020
Webinar on Introduction to Geographic Information System (GIS)	--	Participated	-	Department of Physics, St. Mary's College (Autonomous), Thoothukudi	02.06.2020
Webinar on Effect of ICT Tools for Higher Education	International	Participated	-	Servite Arts & Science College for Women	03.06.2020
FDP on Evolution from Offline to Online Teaching	--	Participated	-	Satish Pradhan Dnyanasadhana College, Thane	30.05.2020 to 03.06.2020
Webinar on Piezoelectric Based Energy Harvesting Techniques	--	Participated	-	Department of Electrical & Electronics Engineering, MSAJCE, Chennai	03.06.2020
FDP on Transforming Education: The Google Classroom Way	--	Participated	-	Aachi Institute of Management & Entrepreneurial Development	01.06.2020 to 07.06.2020
Webinar on Stem Cell Therapy in COVID 19: Present or Future	--	Participated	-	Department of Botany, St. Mary's College (Autonomous), Thoothukudi	08.06.2020
Webinar on Biomedical Technologies & Product Development Cycle Challenges	--	Participated	-	Mohamed Sathak AJ College of Engineering	13.06.2020

and Opportunities					
Webinar on The Bridges	National	Participated	-	Mohamed Sathak AJ College of Engineering	13.06.2020
FDP on Open Source Tools for Research	--	Participated	-	Ramanujan College, University of Delhi	08.06.2020 to 14.06.2020
Technical Webinar on Design of Flexible Pavement Using IRC	National	Participated	-	Mohamed Sathak AJ College of Engineering	14.06.2020
Virtual Training Lecture on Techniques in Intensive Production of Marine Copepods	--	Participated	-	Bharathidasan University, Tiruchirappalli	15.06.2020 to 17.06.2020
Webinar on Research Proposal Writing	--	Participated	-	Don Bosco College of Arts and Science, Keela Eral, Thoothukudi	17.06.2020
Webinar on Accelerating Education 4.0 using ICT Tools – Post COVID Paradigm	International	Participated	-	St. Xavier's College (Autonomous), Palayamkottai	17.06.2020
Webinar on Evolution of treatment a overview: cancer and Covid19	International	Participated	-	Holy Cross College (Autonomous), Nagercoil	27.06.2020
Webinar on COVID – A Hidden War in Open Field	National	Participated	-	St. Xavier's College (Autonomous), Palayamkottai	29.06.2020
Webinar on Our Cosmic Consciousness	National	Participated	-	Servite Arts & Science College for Women, Thogaimalai	29.06.2020

Workshop on ICT Tools for Smart Teaching	National	Participated	-	Servite College of Education for Women, Thogaimalai	18.06.2020 to 20.06.2020
Session on How to Conduct Online Assessment, Evaluation, Publishing for Units Test and Term Exams	--	Participated	-	Master Soft Accelerating Education	11.07.2020
Webinar on Technological Innovation and Academia Open Industry Collaboration Under Self Reliant India	National	Participated	-	Mohamed Sathak AJ College of Engineering, Chennai	23.07.2020
Webinar on Issues and Prospects of National Education Policy	National	Participated	-	Servite Arts & Science College for Women, Thogaimalai	21.08.2020
Conference on Multidisciplinary Research and Innovation	International	Presented (World Book of Records)	Role of Organic and Inorganic Fertilizers in the Growth and Yield of Radish	ESN Publication, Universal Digital University, USA	03.09.2020 to 09.09.2020
Workshop on Public Financial Management System (PFMS)	State	Participated	-	St. Xavier's College (Autonomous), Palayamkottai	04.02.2021 to 05.02.2021
Webinar on Entrepreneurship – An ubiquitous impact on science graduates (EAUISG)	International	Participated	-	Marian Star Centre & Department of Economics, School of Management & Economics, St. Mary's College (Autonomous)	24.04.2021

Summer internship on Applications of DNA barcodes in systematics and biogeography- a Phyloinformatics approach	-	Participated	-	Madras Christian College (Autonomous), Tambaram, Chennai	14.05.2021 to 31.05.2021
Short term course on graphics design for teachers	National	Participated	-	Marian Star Centre, St. Mary's College (Autonomous), Thoothukudi	26.05.2021 to 31.05.2021
FDP webinar on digital skills for smart teaching	-	Participated	-	Don Bosco College (Autonomous), Maran-Manipur	14.06.2021 to 19.06.2021
Workshop on Data analyses using MS-Excel	State	Participated	-	Anjuman Arts, Science, Commerce College & PG studies in English, Vijayapur-Karnataka	17.06.2021
Webinar on Graphene: Chemistry, Biology, Physics and Beyond	-	Participated	-	Department of Chemistry (UG and PG), Jhargram Raj College, Jhargram, West Bengal	21.06.2021
Webinar on The fascinating World of Crystals	-	Participated	-	Department of Chemistry (UG and PG), Jhargram Raj College, Jhargram, West Bengal	24.06.2021
Faculty Development Programme on Innovation and IPR	-	Participated	-	Holy Cross College (Autonomous), Nagercoil	21.06.2021 to 27.06.2021
Faculty Development Program on Recent advances	-	Participated	-	Department of Entomology, College of Agriculture,	08.07.2021 to 13.07.2021

of pest management in agriculture				Parul University, Vadodara.	
Faculty Development Programme on Recent trends in the industrial engineering and management	-	Participated	-	Department of Mechanical Engineering, GMR, Institute of Technology, Rajam, A.P.	26.07.2021 to 30.07.2021

PAPERS PUBLISHED (2010 – 2020)

Paper Title	Author(s)	Journal	Year	Volume	Issue	Page No.
Effect of Acibenzolar – S – methyl (ASM) pre – treatment in inducing resistance against <i>Pythium amphanitermatum</i> infection in <i>Curcuma longa</i> .	Radhakrishnan N, Arockia Jenecius Alphonse A and Balasubramanian R.	Crop Protection	2010	30	1	1-9
Studies on medicinal potentials of <i>Sauropus androgynus</i> .	Arockia Jenecius Alphonse A.	Journal of Basic and Applied Biology	2012	6	--	70 – 73
GC-MS determination of bioactive components of <i>Sauropus bacciformis</i> Blume (Euphorbiaceae).	Arockia Jenecius Alphonse A, Uthayakumari F, Mohan V.R.	Journal of Current Chemical and Pharmaceutical Science	2012	2	4	347 - 358
<i>In vitro</i> Antioxidant Activity of <i>Sauropous bacciformis</i> Blume (Euphorbiaceae).	Arockia Jenecius Alphonse A, Uthayakumari F, Mohan V.R.	International Research Journal of Pharmacy	2012	3	9	256 - 259
<i>In vitro</i> antioxidant activity of <i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson var. <i>campanulatus</i> (Blume ex. Decne)	Arockia Jenecius Alphonse A, Mohan V.R	Int. J. Pharmaceu. Res. Biosci.	2013	2	5	211 - 222

Sivadasan						
Evaluation of anticancer potential of <i>Bacolepis nervosa</i> (Wight & Arn.) Decne. ex Moq. against Ehrlich Ascites Carcinoma induced cancer in Swiss Albino Mice.	Arockia Jenecius Alphonse A, Mohan V. R	Int. J. Pharm. Sci. Rev. Res.	2014	27	1	292 - 297
Anti-inflammatory activity of ethanol extract of <i>Bacolepis nervosa</i> (Wight & Arn.) Decne. ex Moq. using carrageenan induced paw edema in albino rats.	Arockia Jenecius Alphonse A, Mohan V. R	World J. Pharmaceu. Res.	2014	3	4	1384 - 1391
<i>In vitro</i> antioxidant potential of leaf extracts of the endemic plant <i>Bacolepis nervosa</i> (Wight & Arn.) Decne. ex Moq. (Periplocaceae)	Arockia Jenecius Alphonse A, Mohan V. R	J. Adv. Pharm. Edu. Res.	2014	3	4	541 - 549
GC-MS analysis of bioactive components on the stem extract of <i>Bacolepis nervosa</i> (Wight & Arn.) Decne. ex Moq. (Periplocaceae).	Arockia Jenecius Alphonse A, Mohan V. R	World J. Pharm. Pharmaceu. Sci.	2014	3	4	1044 - 1059
Bio-efficiency of three seaweeds collected from the Manapad coast, India.	Arockia Jenecius Alphonse A, Marcelin.	Marian Quest	2014	2	2	34-47
Antidiabetic activity of <i>Bacolepis nervosa</i> (Wight and Arn.) Decne. Ex moq. extract on alloxan induced diabetic rats.	Arockia Jenecius Alphonse A, Mohan V. R	Int. J. of Pharm. Sci.	2016	8	11	320 - 326
Pharmacognostic and phytochemical	Arockia Jenecius Alphonse A,	Int. J. Pharm. Sci. Rev. Res	2017	42	1	197 -

evaluation of <i>Bacolepis nervosa</i> stem and leaf.	Mohan V. R					206
Hepatoprotective activity of ethanol extract of <i>Bacolepis Nervosa</i> against carbon tetrachloride induced hepatotoxicity in albino rats	Arockia Jenecius Alphonse A	International Journal of Applied Biology and Pharmaceutical Technology	2017	8	3	63-72
Evaluation of antifertility potential of ethanolic extract of <i>Bacolepis nervosa</i> in male albino rats	Arockia Jenecius Alphonse A, Mohan V.R	Asian Journal of Pharmaceutical and Health Sciences	2017	7	2	1675 - 1682
Efficacy of Organic and Inorganic Fertilizers in the Growth and Yield of Radish	Arockia Jenecius Alphonse A	Journal of Critical Reviews	2020	7	10	3011 - 3022
Antidiabetic Studies of bis-glycine hydro bromide (45 nm) Nano Crystals	Arockia Jenecius Alphonse A	Materials Today: Proceedings	2020	33	--	3201 - 3202
Anti-diabetic Activities of ZnO doped with Ce (5%) Nanoparticles	Arockia Jenecius Alphonse A	Materials Today: Proceedings	2020	33	--	3056 - 3057
Comparative study of effects of different substrates on yield of oyster mushroom and its nutritional value	Arockia Jenecius Alphonse A	SMC Science Updates Star Proceeding	2020	1	--	
Anti-diabetic, Anti-oxidant, Fluorescence and filter characterizations of Bis glycine lithium bromide monohydrate (BGLBMH) macro and nano-scaled crystals	Arockia Jenecius Alphonse A, Divya R.P., Kannan K.S., Sophia I.A., Ravindran B., Krishnaveni R.	International Journal on Current Research and Review	2021	13	18	35-39

Pleurotus Cultivation: A Sustainable Way to Utilize Agrowaste	Selvaanathi & Arockia Jenecius Alphonse	Acta Agriculture Slovenica	2022	118	1	1-7
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PROJECTS UNDERTAKEN (2010 – 2020)

Name of the Investigator	Title of the Project	File No.	Duration	Total Cost	Funding Agency
Sr. A. Arockia Jenecius Alphonse	Studies on the coastal weed <i>Sauropus bacciformis</i> (L) Airyshaw (Euphorbiaceae) Completed	F. MRP-3445/10	2010-2012	1,00,000	UGC
Dr. Sr. A. Arockia Jenecius Alphonse	Molecular characterization and <i>in vitro</i> propagation of <i>Bacolepis nervosa</i> (Wight & Arn) Decne. ex Moq.(Periplocaceae) Completed	F.MRP- 5673/15	2015-2017	3,70,000	UGC
Dr. Sr. A. Arockia Jenecius Alphonse (Overall Co-Ordinator & Member Secretary)	Financial support for strengthening of life science and Biotechnology education and training at UG level under star college scheme (Ongoing)	102/IFD/SAN/50 71/ 2018-2019	2019-2022	82,00,000	DBT

BOOK PUBLISHED

TITLE OF THE BOOK	NAME OF THE AUTHORS	PUBLISHER	PAGE	YEAR	ISBN
Biochemistry Volume 1	Dr. Sr. A. Arockia Jenecius Alphonse, Dr. G. Amala Jothi Grace and Dr. P. Subavathy	CBA Publisher	260	2020	978-93-80430- 55-3

ACADEMIC PROJECTS GUIDED

PROGRAMME	NUMBER OF DISSERTATION	NUMBER OF BENEFICIARIES
B.Sc.	6	33
M.Sc.	10	10
M.Phil.	2	2

REFRESHER COURSE / ORIENTATION PROGRAMME

- Participated in the UGC-Sponsored Refresher Course in Bioinformatics (Interdisciplinary) conducted by UGC-Academic Staff College, University of Kerala, Kariavattom from 27.12.2010 to 17.01.2011 and obtained Grade A
- Participated in the UGC sponsored 101st Orientation Programme from 18.05.2018 to 14.06.2018 and obtained the grade 'A' conducted by UGC- Human Resource Development Centre, Bharathidasan University, Trichy.
- Participated in the UGC sponsored Refresher Course in Environmental Studies from 06.02.2020 to 19.02.2020 and obtained the grade 'A+' conducted by UGC- Human Resource Development Centre, Bharathiar University, Coimbatore.
- Participated in the UGC sponsored Online Refresher Course in Life Sciences from 15.03.2021 to 28.03.2021 and obtained the grade 'A' conducted by UGC- Human Resource Development Centre, Gauhati University, Assam.

PROGRAMME ORGANISED

VICE-PRINCIPAL

- Organised **Two-Day Workshop** for all the UG and PG representatives entitled "**Born to Lead**" on **20.08.2018 & 21.08.2018** in St. Mary's College (Autonomous), Thoothukudi.
- Co-ordinated **One Day State Level Mega Job Fair** organised by Karunai Trust on **24.02.2018** in St. Mary's College (Autonomous), Thoothukudi.

RESEARCH COORDINATOR

- Convened a **One-Day National Conference** entitled “**Strategic Human Resource Management**” on **13.09.2019** in St. Mary’s College (Autonomous), Thoothukudi.
- Organised a **One Day National Workshop** entitled “**Writing Research Proposals for Funded Projects**” on **14.09.2019** in St. Mary’s College (Autonomous), Thoothukudi.
- Organised a **Two Day Workshop** entitled “**Google Tools for Science Aspirants**” for the PG students of both the School of Biological Sciences and School of Physical Sciences, “**Digital Image Processing Using MATLAB**” for the PG students of School of Computing Sciences, “**Interface between History and Literature**” for the students of School of Language and Culture, “**Web Tools**” for the Students of School of Management and Economics on **18.09.2019 & 19.09.2020** in St. Mary’s College (Autonomous), Thoothukudi.
- Organised a **One-Day National Seminar** entitled “**Innovation in Methodology – A Path for Outcome Based Research**” on **20.01.2020** in St. Mary’s College (Autonomous), Thoothukudi.
- Organised a **One-Day National Seminar** on “**Scientific Publications: Reference Tools Citation Analysis and Plagiarism**” on **03.02.2020** in St. Mary’s College (Autonomous), Thoothukudi.
- Organised a **One-Day Webinar** on “**Selection of Appropriate Statistical Tools: A Critical Way for Successful Research**” on **12.05.2020** in St. Mary’s College (Autonomous), Thoothukudi.

DBT STAR COLLEGE SCHEME OVERALL COORDINATOR

2019 - 2020

- Organised **1** International Conference, **5** Faculty Training Programmes, **9** Workshops, **4** National Seminars, **28** Guest Lectures and **1** Exhibition for school students under Star College Scheme, funded by DBT, Govt. of India, New Delhi.
- Conducted Inter-School Quiz competition, Inter-School Exhibits Show, Inter-Collegiate and Intra-Collegiate Quiz competition, National Level Short Film Making competition and various inter-collegiate competitions under Star College Scheme, funded by DBT, Govt. of India, New Delhi.
- Arranged **14** Field Trips and **14** Training Programmes for the UG students of Physics, Chemistry, Botany and Zoology under Star College Scheme, funded by DBT, Govt. of India, New Delhi.
- Organised **8** Workshops, **13** Invited Lectures under Star College Scheme, funded by DBT, Govt. of India, New Delhi.

2020 – 2021

- Organized **8** workshops, **12** invited lectures, **5** faculty training programmes, **6** national seminar, **5** international conference, **2** hands on training, **4** summer programmes for school students, **1** short term course for teachers, **1** short term course for college students and conducted **4** national level competitions for school and college students.

2021 – 2022

- Organised **1** in-service training programme for school teachers, **1** Science Expo for school students, **1** National Science Fest, **5** faculty training programmes, **12** training programmes, **4** national webinars, **2** international webinars, **1** international workshop, **6** guest lectures, **2** inter-school quiz and 1 interdepartmental quiz competition. The students also participated in **6** training programmes and **4** field trips outside the college.

RESOURCE PERSON

- Chief Guest for the inaugural of HERACLES' 19, State level Inter Collegiate Competition on 23.02.2019 organised by Holy Cross Home Science College, Thoothukudi.

ONLINE COURSE

- Completed “Cancer Biology” an online non-credit course authorized by Johns Hopkins University and offered through Course era on 06.04.2017
- Completed “Bioinformatic methods I” an online non-credit course authorized by University of Toronto and offered through Course era on 15.01.2019
- Completed “Introduction to Proteomics” an online 12-week credit course (2 Credits) authorized by Indian Institute of Technology Bombay offered through NPTEL from August 2019 to October 2019
- Completed “Biochemistry” an online 12-week credit course (3 Credits) authorized by Indian Institute of Technology Kharagpur offered through NPTEL from January 2020 to April 2020
- Completed “Genetic Engineering: Theory and Application” an online 12-week credit course (3 credits) authorized by Indian Institute of Technology Guwahati through NPTEL from July 2021 to October 2021.

GEN BANK SUBMISSION

- Submitted LOCUS MG183687 1109 bp DNA linear BCT 17-OCT-2017. *Acinetobacter baumannii* AJAUBOT 16S rRNA gene, partial sequence NCBI/GenBank, USA / Nucleotide sequence
- Submitted LOCUS MG183688 1246 bp DNA linear BCT-17-OCT -2017. *Pseudomonas aeruginosa* strain AJAUBGT 16S rRNA gene, partial sequence NCBI/GenBank, USA / Nucleotide sequence

AWARD

- Awarded the prestigious “Adarsh Vidya Saraswati Rashtriya Puraskar” by Glacier Journal Research Foundation, Global management council, Ahmedabad on 20th Feb, 2020

BROADCAST

- All India Radio- Paavayar Paarvai- Annai Theresavin Samookapani”- Urai. 6.15 pm. on 08.09.2016, received a Cheque (No: 574191) Rs. 2000 towards the programme recorded on 06.09.2016.

EXAMINER

- Conducted B.Sc. Botany allied practical examination as External Examiner in Madurai Diraviyam Thayumanavar Hindu College on 06.04.2010
- Conducted Microbiology practical examination as External Examiner in Microbiology Department, St. Mary's College (Autonomous), Thoothukudi on 21.10.2016
- Conducted End Semester Examinations as Chief Exam Superintendent in St. Mary's College (Autonomous), Thoothukudi from 17.04.2017 to 02.05.2017.
- Conducted End Semester Examinations as Chief Exam Superintendent in St. Mary's College (Autonomous), Thoothukudi from 30.10.2017 to 18.05.2017.
- Conducted End Semester Examinations as Chief Exam Superintendent in St. Mary's College (Autonomous), Thoothukudi from 28.04.2018 to 16.05.2018.
- Conducted End Semester Examinations as Chief Exam Superintendent in St. Mary's College (Autonomous), Thoothukudi from 31.10.2018 to 20.11.2018.

- Conducted End Semester Examinations as Chief Exam Superintendent in St. Mary's College (Autonomous), Thoothukudi from 23.04.2019 to 11.05.2019.

OTHERS

- **Guideship:** MSU/RES/INT/GUIDESHIP/R5/2017
- **Supervisor** for 3 PhD Scholars Ms. Shantha, Ms. Rathinam & Ms. Monisha
- **Doctoral Committee Member** for part time scholar Ms. S. Pauline Jenifer, Department of Botany, St. Mary's College (Autonomous), Thoothukudi.
- **Doctoral Committee Member** for Full time scholar Ms. Mary Stephy G, Department of Botany, St. Mary's College (Autonomous), Thoothukudi.
- **Question Setter** for I M.Sc. Biochemistry (PGB2421M) in Lady Doak College, Madurai for the year 2019 - 2020
- **Member of Editorial Board** for the Glacier Journal of Scientific Research
- **Member of Boards of Studies** in B.Sc. Botany for the period of three years from 01.09.2019 in Manonmaniam Sundaranar University, Tirunelveli.
- **Evaluator** for District level school students' research projects on Science for Sustainable Living presented in National Children's Science Congress 2021 on 12.12.2021 coordinated by Tamil Nadu Science Forum.
- **Member of the Board of adjudicators** for the evaluation of the Ph.D. thesis submitted by Ms. Shanti Vasudevan at Mahatma Gandhi University.

INNOVATION IN TEACHING AND LEARNING

- **Created Google Class Rooms for UG and PG Botany Students**

YEAR	CLASS	CLASS CODE	COURSE WITH CODE	BENEFICIARIES
2018 - 2019	III B.Sc.	kib06do	Plant Physiology (15UBOC52)	22
2018 - 2019	II M.Sc.	f8dk8n2	Biostatistics (17PBOC33)	8
2018 - 2019	III B.Sc.	q25kp6	Biochemistry (15UBOC61)	44
2018 - 2019	II M.Sc.	4U7ymp	Biotechnology (17PBOC41)	9
2019 - 2020	I M.Sc.	6txl2h	Anatomy (19PBOC14)	16
2019 - 2020	II M.Sc.	xt8l15n	Biostatistics (17PBOC33)	7
2019 - 2020	II M.Sc.	gsvlxct	Ecology (17PBOC42)	7
2019 - 2020	I M.Sc.	5qplt3b	Biostatistics (19PBOC23)	15

ADMINISTRATIVE & OTHER RESPONSIBILITIES

S. NO.	RESPONSIBILITIES	DURATION
1	AICUF Advisor	2010 – 2011
2	Hostel Director	2011 – 2013
3	Campus Ministry	2013 – 2014
4	Hostel Assistant Director	2014 – 2015
5	Human Excellence Cell Coordinator	2015 – 2016
6	Campus Ministry Co-Ordinator	2015 – 2016
7	Vice Principal & Governing Body Member	2016 – 2019
8	Research Coordinator & Governing Body Member	2019 – 2020
9	DBT Star College Scheme Overall Coordinator & Member Secretary	2019 – 2022
10	IQAC Assistant Coordinator	2020 – 2022