

DEPARTMENT ACTIVITIES

BOTANY

1. Department activities from June 2018 to March 2019

INDUSTRIAL VISIT/ INSTITUTIONAL VISIT

YEAR	CLASS	VISIT	DATE	DURATION	NO OF STUDENTS
2018	III B.Sc & II M.Sc	Ramya Nursery, Thadagam Road, Coimbatore	18.12.2018	One day	72
2019	I, II PG & II UG	Sugarcane Breeding Institute, Coimbatore	28.02.2019	One day	105

ASSOCIATION MEETING/GUEST LECTURE

DATE	TOPIC	RESOURCE PERSON	NO OF STUDENTS
30/07/2018	Plant Genetic Engineering	Dr.N.Kamaraj Assistant Professor in Biotechnology, Addis Ababa Science and Technology University, Ethiopia	92
29/08/2018.	Health care and its importance	Mr. Syed Samiullah, Co- ordinator, ProfessionalInfotech, Copimbatore.	92
20/09/18	Plant Tissue Culture	Dr.Rekha R. Warriar Scientist F, Institute of Forest Genetics and Tree Breeding Coimbatore	108
11.10.2018	Basics of Bioinformatics and Prediction of Gene in Eukaryotes and Prokaryotes	Dr.S.Usha Assistant Professor in Bioinformatics Bharathiar University Coimbatore	68
15.10.2018	Health and beauty care	Mrs.Ann Rose Thattil, Professional makeup Artist, EICBI, Coimbatore.	80

5.12.2018	Horticultural techniques	Dr.S.P.Peiasamy Retd. Assistant Lecturer Agricultural College, Coimbatore	72
10.12.2018	Water conservation and LPG usage	Mr. A. Sheikdeen, External Faculty, Southern Region, Petroleum Conservation Research Association, Ministry of Petroleum and Natural Gas Govt. of India.	72
14.12.18	Avenue's in Biotechnology	Dr. Gnanambal, Assistant Professor of Biochemistry, Bharathiar University, Coimbatore.	72
11.01.2019	The Secret Life of Plants: Intelligence	Dr. T. Muthukumar, Assistant Professor in Botany, Bharathiar University, Coimbatore.	115
23.01.2019	Terrace Gardening	Mr. Sundhar, BE Farmer, Coimbatore	75

EXPOSURE VISITS (EDUCATIONAL TOURS/ FIELD TRIPS)

DATE	CLASS	VISIT	DURATION IN DAYS	NO OF STUDENTS
09/08/2018	III UG & II PG	Visit to Botanical Survey of India, TNAU, Coimbatore	One day	74
12/09/ 2018	III UG & II PG	Field trip – Maruthamali	One day	74
15/09/2018	III UG & II PG	Field trip –Perumalmudi hills, Pollachi – Angalakuruchi	One day	74
26/09/2018 - 30/09/2018	III UG & II PG	Tour to Bangalore and Mysore	Three days	46
14/12/2018 & 15/12/2018	II UG & I PG	Tour to Pulicat Lake, Pichavaram and Pondicherry	Two days	69
18/12/2018	IIPG	Field trip to Ramya Nursery, Thadagam	One day	72

SEMINARS/WORKSHOPS/COMPETITIONS ORGANIZED

DATE	TOPIC	RESOURCE PERSON	EVENT	NO OF BENEFICIARIES
10/07/2018 & 11/07/2018	Recent Scenario in Plant and Microbial Technology'	Dr.D.J.Bagyaraj INSA Honorary Scientist & Chairman, Center for Natural biological Resources and Community Development, Bangalore. Dr.K.Veluthambi Professor (Rtd) UGC-BSR Faculty Fellow, Department of Plant Biotechnology, Madurai Kamaraj Univerity, Madurai. Dr. Harini Kumar Professor, Dept. of Biotechnology, Univerisity of Agricultural Sciences, Bangalore – 560065 Dr.U. Sivakumar Professor, Dept. of Agricultural Microbiology, TNAU, Coimbatore	Science Academies Lecture Workshop	150
12/10/2018	Botany Fiesta – 2018	JUDGES Dr.Poornima, Asso Prof. (Rtd.) (Alumni – served as judge) Dept. of Botany, PSGR Krishnammal College for Women, Coimbatore. Dr.W.Suganya, Asst.Prof in Botany, Government Arts College, Coimbatore – 18	InterBotany Collegiate Competitions a.Flower arrangement b. Vegetable carving c. Rangoli d. Herbal Henna e.Cookery	No of participants – 80
15.12.2018	Microtomy	Dr. P. Megalingam Assistant Professor of Botany, V.H.N.S College, Virudhunagar.	Workshop	No of participants – 75
20.12.2018	Mushroom Technology	Dr. Kathiravan, Assistant Professor of Biochemistry, Kongunadu Arts and Science College, Coimbatore	Workshop	No of participants – 60

08.01.2019	Permanent Slide preparation	Dr. Poornima, Associate Professor (Retd) PSGR Krishnammal College for Women	Workshop	No of participants – 60
22.01.2019	Artificial Jewellery Making	Ms. P.J. Bhuvanewari Assistant Professor Department of Bioinformatics Nirmala College for Women, Coimbatore Dr. Sincy Joseph Assistant Professor Department of Bioinformatics Nirmala College for Women, Coimbatore	Workshop	No of participants – 90
01.02.2019 & 02.02.2019	National seminar cum Medicinal Plant Exhibition and Alternative Indian system of Medicine	Dr.T.Sivakumar,IIS Assistant Director Field Outreach Bureau Office, Govt. of India, Puducherry. Prof. Dr. A. John Christopher National General Secretary, BHVS Dr.S. Arul Anada Kumar (PT) Secretary Rotary club of Chennai, Korattur. Lion. Brama Sree. Maru, R. Kaliyamoorthy, Varma Asan, World Compermission Trust, Director, Trichy Mr. Joseph Clement Head of the Department (Retd) Department of Botany Government Arts and Science College, Coimbatore.	National seminar	350
18.02.2019	International Workshop on 'Glorious Global Model Plant –	Dr. Albert Premkumar Visiting Guest Scientist Department of Ecology, Environment and Plant Sciences, Stockholm University, Sweden	International workshop	190

	<i>Arabidopsis thaliana</i>			
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TRAINING COURSE FOR FACULTY

DATE	TRAINING COURSE	RESOURCE PERSON	DURATION IN DAYS	NO OF FACULTY
14.12.2018	Statistical Analysis using SPSS	Dr. S. Sivasankari Department of Bioinformatics, Nirmala College for Women, Coimbatore	One Day	6

INTERNSHIP PROGRAMME FOR STUDENTS

DATE	TRAINING COURSE	RESOURCE PERSON	DURATION IN DAYS	NO OF STUDENTS
20.02.2019 – 23.02.2019	Biodiversity Internship Programme, 2019	Dr. M. Bubesh Guptha Director, Universal Eco Foundation, Pondicherry Dr. K.R. Saravanan Mangrove Biologist, Mangrove Conservation Society, Chennai Dr. D. Saravanan Director, Aranya Forest, Auroville, Pondicherry	4	11

STAFF PARTICIPATION IN CONFERENCES/WORKSHOPS/SEMINARS etc.,

S.NO	DATE	NAME OF THE FACULTY	TOPIC	NAME OF CONFERENCES/ SEMINARS/ WORKSHOP/ TRAINING	LEVELS
1	22/06/2018 & 23/06/2018	Dr.J.Carolin Joe Rosario, Dr.M.Saradha, &	Outcome Based Education	WORKSHOP Internal Quality Assurance Cell, Nirmala College	---

		Dr.Sincy Joseph		for Women, Coimbatore	
2.	18/09/2018	Dr.J.Carolin Joe Rosario	Women's Convention on 'Dismantling the glass ceiling: A Paradigm to sensitise, untrammeland empower'	Periyar University, Salem	State level
3.	5/10/2018	Dr.U Danya & Dr.Sr.M.Arul Sheeba Rani	Plant Taxonomy	WORKSHOP	National
4.	09/10/2018	Mrs. D.Melchi Leebana	Mushroom Cultivation Technology	WORKSHOP	National

STUDENT PARTICIPATION IN CONFERENCES/WORKSHOPS/SEMINARS etc.,

S.NO	NAME OF THE STUDENT	TOPIC	NAME OF CONFERENCES/ SEMINARS/WORKSH OP/TRAINING	NATIONAL/ INTERNATIO NAL
1	III B.Sc (39) and II M.Sc Students (26)	Plant Taxonomy	Dept. of Botany, NGM College Pollachi	National
2	II B.Sc Students (38)	Mushroom Cultivation Technology	Dept. of Biochemistry, Kongunadu Arts and Science College, Coimbatore Workshop	National
3	Ms.D.Jayasudha, Research Scholar	Plant Taxonomy	Department of Biology, The Gandhigram Rural Institute, Gandhigram, Dindigul	Refresher Course
4	Ms. P. Shobika Ms. J. Deepa Ms. S. Sreepoornima Ms. J. Lincy	Food Borne Pathogenesis & its Biocontrol	GRD college of arts and Sciences	National

PUBLICATION BY STAFF AND STUDENTS (*use separate tabular column for each)

NAME OF STAFF	TITLE OF THE PAPER	JOURNAL NAME	MONTH AND YEAR	ISSN/ISBN	IMPACT FACTOR
Dr.J.Carolin Joe Rosario	A review on Ecotourism and its importance	Journal of Emerging technologies and innovative research	5(8):520-521, August, 2018	2349-5162	4.14
Dr. M. Saradha	Micropropagation of critically endangered medicinal plant, <i>Uleria salicifolia</i> ISSN: 0975-833	International journal of Current Research	10(7):7169 7-71702, July 2018.	0975-833X	7.74
Dr.P.Prathyusha	Phytochemical profile and efficacy of free radical scavenging activity of <i>Alangium salvifolium</i> ()	International Journal of Science and Research	7(7): 1028-1032, July 2018.	2319 – 7064	7.29
Dr.M.Arul Sheeba Rani	A study on selected individual tree canopy of <i>Pongamia pinnata</i> (Linn.) Pierre in urban greening with special reference to urban soil	International journal of information Research and review	5(7):5602-5608, July 2018	2349-9141	4.25
Dr.T.Anitha	Marine green algae as an antibreast cancer agent cytotoxic test of <i>Chaetomorpha compressa</i> (Bory) Kutzing	International Journal for Research trends and Innovation	3(8): 62-66, August, 2018.	2456-3315	4.87
	Phytochemical screening, biochemical and mineral analysis of marine green algae <i>Boergesenia forbesii</i> (Harbey) Feldmann	International Journal for Science and Advance Research In Technology	4(4): 1823-1826, April 2018	2395-1052	5.32
Mrs.A.Suganthi	Evaluating the chemical analysis profile of some lesser known edible fruits	Indo American Journal of	5(2): 815-820, June 2018	2349-7750	3.6

		Pharmaceutical Sciences			
	<i>In vitro</i> cytotoxicity and Anthocyanin studies on <i>Pithecellobium dulce</i> (Roxb.) Benth	International Journal of Pahrma and Bioscience	9(1): 111-115, June, 2018	09756299	0.36
	Antidiabetic plants-over view	Current research in diabetics and obesity Journal	7(4): 1-2, July, 2018	2476 -1435	0.836

PAPER PRESENTATION BY STAFF AND STUDENTS

S.NO	NAME OF STAFF/STUDENT	TOPIC	SEMINAR/CONFERENCE/WORKSHOP/TRAINING	NATIONAL/INTERNATIONAL	ORGANISED BY
STAFF					
1.	Dr.J.Carolin Joe Rosario	A review on algal biodiversity and its conservation	Advances in Biological Sciences Research	National Seminar	Nirmala College for Women, Coimbatore
2.	Dr.P.Prathyusha	Survey on traditional medicinal plants with potential anticancer activities in and around the Payyanur Municipality, Kannur, Kerala.	Recent Trends in Environmental monitoring and conservation	National	Alphonsa College, Pola, Kottayam
3.	Dr.M.Arul Sheeba Rani	A study on larvicidal activity of the leaf extracts of <i>Vitex negundo</i> L. against the human vector <i>Culex quinquefasciatus</i> L.	Advances in Biological Sciences Research	National Seminar	Nirmala College for Women, Coimbatore
STUDENT					

1	G.Divya Bharathi, Ph.D Scholar (Won First Prize in poster Presentation)	Documentation of Wetland flora of Sholur, Nilgiri District, Tamilnadu	Current outlooks in bioscience	International	Department of Botany, Government Arts College for Women, Salem
2	G.Divya Bharathi Ph.D Scholar	Documentation of Medicinal and Aromatic plants in Thaisolai, Nilgiri District, Tamilnadu	Phytomedicine	International	Department of Botany, Bharathiar University, Coimbatore
3.	Nithya Babu, M.Phil Scholar	A study on larvicidal activity of the leaf extracts of <i>Vitex negundo</i> L. against the human vector <i>Culex quinquefasciatus</i> L.	Advances in Biological Sciences Research	National Seminar	Nirmala College for Women, Coimbatore
4.	J. Deepa & S. Sreepoornima (II UG) (Won First Prize in poster Presentation)	Biodegradable Alternative Packing	Ecoclub – Swachhta Pakhwada		Sardar Vallabhai Patel International School of Management
5.	J.Lincy & J. Rishana Begam (II UG) (Won Consolation Prize in poster Presentation)	Biodegradable Alternative Packing	Poster presentation at Ecoclub		Sardar Vallabhai Patel International School of Management

FACULTY AWARDED Ph.D

S.NO	NAME OF STAFF	DATE OF REGISTRATION	DATE OF VIVA VOCE	TITLE	SUPERVISOR

FACULTY PURSUING Ph.D

S.NO	NAME OF STAFF	DATE OF REGISTR ATION	NAME OF THE SUPERVISOR	NAME OF THE UNIVERSITY	TITLE
1.	A.Suganthi (Synopsis Submitted)	31/06/2015	Dr.R.Mary Josephine	Bharathiar University	Comparative bioavailability of nutritive, antinutritive phytochemical and molecular docking analysis of the selected Ripen and Unripen fruits with special reference to anticancerous activity

FACULTY WHO HAVE RECOGNITION FOR GUIDING M.Phil/ Ph.D

S.N O	NAME OF STAFF	DATE OF RECOGNITION	NAME OF THE UNIVERSITY	OFFICIAL COMMUNICATI ON NO
1	Dr.R.Mary Josephine	29/07/2009	Bharathiar University	8341- 14363/A2/2009
2	Dr.J.Caroline Joe Rosario	10/05/2012 (only M.Phil)	Bharathiar University	8443/A2/2012
3	Dr.U.Danya	02/11/2015	Bharathiar University	25456/A2/2015&03/ 11/2015
4	Dr.M.Saradha	02/11/2015	Bharathiar University	25001A2/2015& 03/11/2015
5	Dr.P.Prathyusha	15/11/2016	Bharathiar University	26846- 1/A2/2016&16/11/2 016
6	Dr.T.Anitha	27/07/2017	Bharathiar University	3403/A2/2017&28/0 7/2017

7	Mrs.A.Suganthi	09/12/2016 (only M.Phil)	Bharathiar University	29298/A2/2016&12/12/2016
8	Dr.Sr. M.Arul Sheeba Rani	31/07/2018	Bharathiar University	21073/A2/2018&17/09/2018
9	Dr.Sincy Joseph	15/11/2016	Bharathiar University	26846-2/A2/2016&16/11/2016

M.PHIL PRODUCED BY THE FACULTY

S.NO	NAME OF THE SUPERVISOR	DEPARTMENT	CANDIDATE	DETAILS OF PART TIME/FULL TIME SCHOLARS	DATE OF COMPLETION
1	Dr.J.Caroline Joe Rosario	Botany	1. L.Mary Suganya	FT	30.04.2018
			2.S.Malathi	FT	17.07.2018
2.	Dr. U. Danya	Botany	Sr. Manju Mathew	FT	06.02.2019
3.	Dr. Sr. Arul Sheeba Rani	Botany	Ms. Nithya Babu	FT	06.02.2019

Ph.D PRODUCED BY THE FACULTY

S.NO	NAME OF THE CANDIDATE	NAME OF THE SUPERVISOR	DEPT	MONTH AND YEAR OF REGISTRATION	TITLE OF THESIS	DATE OF VIVA VOCE
NIL						

Refresher course / Orientation programme/ faculty improvement/ HRD programme/Faculty exchange programme/ Staff training conducted by the university of other institutions/ Summer , Winter training attended by the faculty.

S.NO	DATE	FACULTY	DEPARTMENT	TITLE	ORGANIZED
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1	17.05.2018 to 13.06.2018	Dr.M.Saradha	Botany	Orientation	Bharathiar University
2.	17.05.2018 to 13.06.2018	Dr.P.Prathyusha	Botany	Orientation	Bharathiar University
3.	21/02/2019	Dr. P. Prathyusha Dr.Sr.M. Arul Sheeba Rani Dr. T. Anitha	Computer	Workshop	Nirmala College for Women
4.	04/03/2019	Dr. U. Danya	Computer	Workshop	Nirmala College for Women

Achievements and awards – Faculty

S.NO	DATE	NAME OF THE FACULTY	DEPARTMENT	NAME OF THE AWARD	ORGANIZING COMMITTEE/INSITUION
NIL					

Major/ Minor projects:

S. NO	DATE	NAME OF THE FACULTY	TOPIC	FUNDING AGENCY	AMOUNT	SANCTIONED/ON GOING/COMPLETED
NIL						

OTHER ACADEMIC CONTRIBUTIONS:

S.NO	DATE	NAME OF THE FACULTY	DEPARTMENT	NATURE OF WORK	WORK DONE FOR
NIL					

ANY OTHER DETAILS:

- **Inspection Commission for Permanent in intake for Research M.Phil/Ph.D Programmes on 19.09.2018**

Inspection Commission members:

Convenor: Dr.A.Rajendran,

Dean of Sciences & Research Co-ordinator ,
Professor & Head,
Department of Botany,
Bharathiar University,
Coimbatore – 46.

Member: Dr.S.N.Padma Devi,

Associate Professor & Head,
Department of Botany,
PSGR Krishnammal College for Women, Coimbatore.

2. Pass percentage of the passed out UG and PG students of batch 2015-18 and 2016-18

Year	UG	PG
2015-18	98%	100%
2016-18	99%	100%

3. MOU signed

S.No.	Companies/ Institutions	Year
1	Ramya Nursery No.42, Thadagam road, 100 Meters north of TVS Nagar Bus stop, Velandipalayam post, Coimbatore-641025	5 th July, 2018

4. Workshops , seminars, symposiums, conferences organized and their themes:

Included in

5. Enrollment of students for online or diploma courses

S.No.	Year	No. of students enrolled
1	II B.Sc Botany	40
2.	III B.Sc Botany	44
3.	II M.Sc Botany	28

6. Grants from UGC and funds from various agencies received

S.No.	Conference/ Seminar/ Workshop	Grants Received	Amount Rs.
1.	Recurring and Non- recurring items	DBT	20,00,000/-
2.	Lecture workshop on	Science Academes	104500/-
3.	Training on Hydroponics for self help groups	TNSCST – Dissemination of Innonative technology	50,000/-
4.	Minor project	UGC	40,000/-

7. Number and details of students receiving various scholarships

Government : Scholarships

YEAR	CLASS	Student name list	BC/ MBC/ SC/ ST	AMOUNT Rs.
2018-19	II B.Sc Botany	AARTH.I.B	BC	1500
		ANUSIYA KUMARI.M	SC	5800
		BHUVANESWARI.R	BC	5650
		DHIVYA.N	BC	3381
		DODDAMMA.B	SC	6000
		MONIKA.A	SC	5650
		HARITHA.E	MBC	1631
		RASHMIYA. N	SC	5650
		RAJESWARI. A	BC	1636
		SARASWATHI. S	BC	1650
		SEVVANDHI.T	SC	5000
	III B.Sc Botany	AKILA	SC	4300
		AGALYA	SC	4300

	CHITRA DEVI	SC	5000
	DHANALAKSHMI	MBC	3000
	KAVIARASI	BC	4000
	MEGALA	SC	4300
	PREETHI K	MBC	2700
	PRIYAVARSHINI	MBC	3300
	ROJA DHARANI	SC	3500
	SANGEETHA S	SC	5000
	GOKILA	SC	3500

8. Club activities organized with their themes

* Carnation club- Theme 'GO GREEN ACTIVITY'

Production and Marketing of Herbal hair oil and Herbal face pack

9. Extension activities and best practices of the department

- Maintenance Of Medicinal Garden.
- Supply of Indoor Plants to Control the Indoor Pollution.

10. Village adaptation activity details

* Herbal face pack and Herbal hair oil preparation demonstration

* Mushroom Cultivation techniques.

11. Details of Minor/ Major Projects

Number of faculty	Major/ Minor	Title of the Project	Funding Agency	Amount Rs.	Period
Dr. Arul Sheeba Rani	Minor	Comparative beneficial role of selected individual tree canopy in urban greening with special reference to urban soil.	UGC	1,80,000/-	2017-19