

**DEPARTMENT OF ZOOLOGY**

**ACTIVITIES OF THE DEPARTMENT 2018 - 2019**

**ZOOLOGY ASSOCIATION**

<b>S.No</b>	<b>Date</b>	<b>Topic</b>	<b>Resource Person (designation with complete official address)</b>	<b>No of students</b>	<b>Funded by</b>
1.	17/7/18	Extremophiles	<b>Dr. Clara Gunapoorani Sargunar,</b> Associate professor, Department of Zoology , Government Arts college, Coimbatore	120	DBT
2.	28/8/18	Life secrets of honey bees and bee keeping Management	<b>Dr.P.A Saravanan</b> Department of Entomology Tamilnadu Agricultural University, Coimbatore	170	DBT
3.	10/10/18	Monoclonal antibody production technology has revolutionized biotechnology	<b>Dr.Iona Averel</b> Associate professor and Head Department of Zoology, Holy Cross College, Trichy.	170	DBT
4.	09/01/19	Sustainable Agriculture Management	<b>Dr. Murli Shankar. T</b> Assistant. Professor in Zoology, Bharathiar University	120	DBT
5.	22/01/19	Global Environmental Challenges	Dr. N. Geetha Assistant Professor in Zoology, PSGCAS	170	
6.	05/02/19	Bioprospecting	<b>Dr. K. Suja</b> Assistant Professor in Zoology Department of Microbiology, Hindustan College of Arts and Science	130	DBT
7.	12/01/19	Clinical diagnostic Management of Infectious Diseases and Future Directions in Cure	<b>Dr. S. Lakshminathan,</b> Technical Head, Molecular Biologist, Debito Asia	170	DBT

**INTER-DEPARTMENTAL COMPETITIONS OF ZOOLOGY ASSOCIATION**

<b>S.No</b>	<b>Date</b>	<b>Events</b>	<b>No of students</b>
1	23/01/19	Video making, Snap shots, Model making, Pencil sketching, Collage	70 participants

**ECO CLUB**

S.No	Date	Topic	Resource Person (designation with complete official address)	No of students	Funded by
1.	12/07/18	Conservation Biology	<b>Dr.Honnavalli Kumara,</b> Scientist, Salim Ali Centre for Ornithology and Natural History, Annaikatty, Coimbatore	170	DBT
2.	04/09/18	Save Elephants	<b>Mr. Badraswamy</b> Former District Forest Officer, Nilgiris Division	120	DBT
3.	27/09/18	Conservation of sea turtles	<b>Dr.S.Somasundram,</b> Assistant Professor, NGM College, Pollachi.	120	DBT
4.	05/10/18	Scaling up the conservation value of lesser known mammals of India	<b>Dr., Riddhikaramesh,</b> Scientist, Department of Environmental Impact Assessment, Salim Ali Centre for Ornithology and Natural History, Annaikatty, Coimbatore	150 + 150 (From outside Colleges)	DBT
5.	11/12/18	Environments Challenges and mitigation	<b>Mr. Sreedhar Ramasamy</b> Founder os Nature Consultancy 360°	95 students	DBT
6.	10/01/19	Global Scenario - Utilization and impact of microplastics	<b>Dr. Raja,</b> Assistant Professor, Department of Zoology, Kongunadu Arts and Science college, Coimbatore	170 students	DBT
7.	31/01/19	Special focus on conservation of wild animals in MP Landscape	<b>Dr. Navaneethan</b> Research Consultant, SACON	150 students	DBT

**INTER-COLLEGIATE COMPETITIONS**

S.No	Date	Topic	No of students	Funded by
1.	04/09/18 & 05/09/18	Wild life week celebration- <b>Intercollegiate competitions</b>	150	DBT

**VALEDICTORY MEETING**

S.No	Date	Topic	Resource Person (designation with complete official address)	No of students
1	26/02/19	Impact of Climate Change on Faunal Resources	Dr. P. Thangavel Assistant. Professor Department of Environmental Science, Periyar University	

**ECOTRIP**

S.No	Date	Place	No. of Students	Funded by
	16/02/19	Anamalai Tiger Reserve and Top slip- Elephant camp and Aliyar	53 Students	DBT Star College Scheme

**MENTORS MEETING**

S.No	Date	Activity	Resource Person	Funded under
1.	10/08/18	Mentor Meeting	<b>Dr.Iona Averel</b> Associate Professor Department Of Zoology, Holy Cross College, Trichy	DBT Star College Scheme

**AWARENESS PROGRAMME**

S.No	Date	Topic	Resource Person	Funded under
1	25/02/19	How to crack CSIR/UGC ad NET Examination	Amita Paul (OSA) II Gate and CSIR-JRG Student	DBT Star College Scheme

**EXTENSION ACTIVITIES**

DATE	ACTIVITY	PLACE	NO OF BENEFICIARIES
9/7/18 to 20/7/18	Blood grouping &Haemoglobin Testing	Nirmala College for Women, Coimbatore	50 (Staff & Students)
04/08/18	1. Haemoglobin testing  2. Establishment of vermicomposting unit 3. Awareness on honey bee keeping	Kangayampalayam village	75 children & 132 adults
12/12/18	Community/ Extension activity (Blood group test and Hb test)	Pudhupathi	30+10

**BEST PRACTICE**

DATE	ACTIVITY	Amount/ Number
23/06/18-09/07/18	Harvesting of vermicompost	470kgs
03/09/18	Ornamental Fish Culture	Maintaining 16pairs of Black and White Molly, Platy, Gold fish.

08/1018	Installation of Apiary Box: Species: <i>Apis Cerena indica</i> Mr.Vivek, Agriculturist Sree Gopala Honey and oil Products	6 boxes
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#### EXPOSURE VISITS

#### EDUCATIONAL TOUR

DATE	CLASS	PLACE	DURATION IN DAYS	NO OF STUDENTS
03/09/18 to 06/09/18	II UG &II PG	Mangalore Dairy Unit; Central Marine Fisheries Institute, Mangalore & Goa	4	78

#### FIELD TRIPS

DATE	CLASS	PLACE	DURATION IN DAYS	NO OF STUDENTS
07/09/18	I PG	Aquaculture Farm visit – Aliyar Dam, Pollachi	1	33 (Under DBT Fund)
26/09/18	I & IIIUG I-PG	Integrated farming unit- Kanuvai, Coimbatore	1	110 (Under DBT Fund)
12/10/18	I –UG	Sericulture unit and mulberry farm- Udumalpet.	1	47 (Under DBT Fund)

#### INDUSTRIAL VISITS

DATE	CLASS	PLACE	DURATION IN DAYS	NO OF STUDENTS
23/01/19	III UG & I PG	Sakthi Sugars, Erode	One day	63 students

#### HOSPITAL VISIT

DATE	CLASS	PLACE	DURATION IN DAYS	NO OF STUDENTS
05/02/19	III UG	Ayurveda Medical Research Laboratory and Digital X-ray Unit	One day	32 students

**WORKSHOP/ SEMINAR/CONFERENCE/ SYMPOSIUM/ HANDS ON TRAINING / ATTENDED/  
ORGANISED BY THE DEPARTMENT**

**SEMINAR ORGANIZED**

DATE	TOPIC	RESOURCE PERSON	EVENT	NO OF BENEFICIARIES
19 <sup>th</sup> &20 <sup>th</sup> September 2018	Advances in Biological Sciences Research	<p><b>Dr. S.Muralidharan</b>, Senior Principal Scientist, Salim Ali Centre for Ornithology and Natural History, Coimbatore.</p> <p><b>Dr. Manjula Sritharan</b>, Professor, Department of Life Sciences, University of Hyderabad, Telengana</p> <p><b>Dr. Zaibin A.P</b>, National Post Doctoral Fellow, Kerala Forest Research Institute, Thrissur, Kerala</p> <p><b>Dr. G. Kumaresan</b>, Professor, Department of Genetics, Madurai Kamaraj University, Madurai</p> <p><b>Dr. Deepa Subramanyam</b>, Principal Investigator, National Centre for Cell Sciences, University of Pune, Ganeshkind, Pune</p>	National Seminar	460

**HANDS ON TRAINING**

Sl. No.	DATE	TOPIC	NO OF BENEFICIARIES
1	12/12/18 to 15/12/18	Animal and Medical Biotechnology	32 students

**WORKSHOPS ORGANISED**

DATE	TOPIC	RESOURCE PERSON	EVENT	NO OF BENEFICIARIES
03/08/18 to 04/08/18	Separation of DNA/ Protein using Electrophoretic methods	Yaazh Xenomics	Workshop	65
24/09/18	Demonstration on Fold scope	Miss Roshan Jabeen, Research fellow Department of EEE, Sri Ramakrishan college of engineering.	Workshop	All staff and Students 189
24/09/18 to 25/09/18	Bioinformatic tools and its applications in Biology	Dr. Sivasankri, Assistant professor, Department of Bioinformatics, Nirmala college for women	Workshop	32 UG III year Students
15/10/18 & 16/10/18	Hands on training in bacteriology and textile dye biodegradation	Dr. Raganath Proprietor Centre for Biotechnology and Nanoscience Research Coimbatore	Workshop	43 UG II year Students
11/01/19	Silk reeling	Dr. Senguttavan. M Associate Professor and Head Department of Zoology PSGCAS	Workshop	47 UG II year Students

#### CERTIFICATE / DIPLOMA /ADVANCED DIPLOMA COURSE

DATE	TOPIC	RESOURCE PERSON	EVENT	NO OF BENEFICIARIES
30/6/18	Medical Coding and Medical Billing	Mr. Syed Samimullah Head operations Professional Info Tech	Entrepreneur ship program – 50hrs	15 PG students
15.07.18 to 20.09.18	Vermiculture	Dr Roopavathy, Asst Prof	Certificate 30hrs	31 PG students
One years programme	Vermitechnology	Mrs Sajani Jose Dr Dhanalakshmi	Certificate	48UG students
One years programme	Vermitechnology	Dr Chitra Dr Dhivya Dr Vignesh Priya	Diploma	44UG students
One years programme	Vermitechnology	Mrs Karpagam Dr Dhivya	Advanced Diplom	33UG students

#### CAREER ORIENTED PROGRAMME -VERMITECHNOLOGY

The Career Oriented programme in Vermitechnology, sanctioned under UGC from the year 2013 onwards, systematically converts the green waste of the college namely leaf litters from the college campus and vegetable waste from hostel into useful organic manure. This organic manure finds an essential requirement from the public, faculty and students. For the year 2018-

19, approximately 2700 kilograms of green waste was converted to 870 kilograms of organic manure.

### UG PASS PERCENTAGE

Batch	Pass Percentage
2015 to 2018	100

### PG PASS PERCENTAGE

Batch	Pass Percentage
2016 to 2018	100

### MOU 's SIGNED

MOU signed with Centre for Bioscience and Nanoscience Research pvt Ltd , Coimbatore

### ENROLLMENT OF STUDENTS FOR ONLINE OR DIPLOMA COURSES

#### SPOKEN TUTORIAL

Course	Class	No. of students enrolled
Latex	II M.Sc Zoology	31
Libro office writer	III B.Sc Zoology	30

#### SWAYAM

Course	Class	No. of students enrolled
Artificial Intelligence	II M. Sc Zoology	31
Genetics and Genomics	III B. Sc Zoology	30

### CAREER ORIENTED PROGRAMME

Course	Class	No. of students enrolled
Certificate course in Vermitechnology	I B. Sc Zoology	46
Diploma in Vermitechnology	II B. Sc Zoology	42
Advanced Diploma in Vermitechnology	III B.Sc Zoology	30

### CERTIFICATE COURSE

Course	Class	No. of students enrolled
Vermiculture	I M. Sc Zoology	32

Medical coding and Medical billing	I and II M.sc Zoology	14
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### INCUBATION CENTRE

Course	Class	Industry	No. of students enrolled
Medical coding and Medical billing	I and II M.sc Zoology	Professional Infotech	14

### GRANTS FROM UGC AND FUNDS FROM VARIOUS AGENCIES RECEIVED

Agency	Fund in Rs.
DBT – Star college scheme	20.6 lakhs

### M. PHIL AND PH.D PRODUCED DURING THIS ACADEMIC YEAR.

#### M. PHIL PRODUCED

S. No	Name of the Supervisor	Name of the Student
1.	Dr.Pawlin Vasanthi Joseph	Dhanalakshmi. E
2.	Dr.Sr.Mary Fabiola	Anuskha Dishani.U
3.	Dr.B.Dhanalakshmi	Suganya.S
4.	Dr.G.Chitra	Vincy P.Williams

#### Ph.D PRODUCED

S.No.	Name of the Supervisor	Name of the Student	Title of the Thesis	Year
1.	Dr.B.Dhanalakshmi	Nithya. P	Ecology of biofouling organism in chinnamuttom harbor, South east coast of India and Evaluation of Antifouling Potential of Sea weed <i>Sargassum wightii</i>	2018
2.	Dr.B.Dhanalakshmi	Priyadharsini P	A study on the Hydrobiology and Biodiversity with special emphasis on water quality impact on molecular characterization of fresh water fish <i>Oreochromis niloticus</i> (Linnaeus, 1758) of the roor	2018(Subm itted)



			wetland, Kanniyakumari District, Tamil Nadu, India	
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### TRAINING PROGRAMMES/ FDPS ATTENDED.

S. No	Name	Date	Place	Organized	Topic
1	Dr.Rosaline Mary	28/09/18	Pune	IISER, Pune and Sheffield Hallam University UK	STEM Teacher Training Workshop on Research
2	Mrs.Sajani Jose	08/10/18	Lucknow	DBT	India International Science Festival -2018
3	Mrs. B. Karpagam	06/09/18	TNAU - Coimbatore	Department of Agricultural Entomology,TNAU	Apiculture
4	Dr. D.Vigneshpriya	08/10/18	TNAU - Coimbatore	Department of Agricultural Entomology,TNAU	Apiculture
5	Dr.J.Roopavathy	27/11/18	Nirmala College for Women - Coimbatore	Department of Mathematics	Google Doc's KAHOOT Apps and Online Book Publishing

### ACADEMIC CONTRIBUTIONS OUTSIDE COLLEGE

S. No	Name	Date	Place	As Resource Person
1	Dr.Pawlin Vasanthi Joseph	25/04/18	Bharathiar University	Member – M.Phil Board of studies
		12/06/18	Bharathiar University	Chairman – Result Passing Board - UG
		17/07/18	PSGR Krishnammal College	University Nominee for UG Board of studies
		29/08/18	PSGR Krishnammal College	University Representative for PG Board of students
		20/11/18	St.Joseph College for Women, Thiruppur	Resource Person – Orientation programme once preparing the Institution for NAAC visit
		05/12/19	Holy Cross College, Trichirapalli	Subject expert- External audit of syllabus
2	Dr. Rosaline Mary	12/07/18	Department of Zoology Government Arts college,	Doctoral Committee Meeting
		16/02/19	Department of Zoology Government Arts college,	Doctoral Committee Meeting
3	Dr.J.Roopavathy	27/11/18	Department of Zoology, Ooty Government Arts college,	Doctoral Committee Meeting

### PUBLICATION BY STAFF

2017-2018				
MONTH	NAME OF THE FACULTY	TOPIC	JOURNAL	IMPACT FACTOR
SEP'18		Study of The Biochemical Parameters of The Fresh Water Fish <i>Cirrhinus mrigala</i> Treated with Chromium III Chloride.	<i>Advances in Biological Sciences Research</i> , 1(1):107-115. ISBN: 978-93-5321-256-8	-

FEB'18	Dr.PawlinVasanthi Joseph	Microbiological and Physicochemical analysis of vermicompost of fruit waste by <i>Eudrilus eugeniae</i>	<i>International Journal of Science and Research Methodology</i> , 8(4):77-93. ISSN2454-2008 <b>Infospace, OAJI, internet archive, worldcat. Cite factor, academic resource index, root indexing</b>	<b>3.925</b>
MAR'18		Eco-friendly treatment of biomedical waste using <i>Eudrilus eugeniae</i>	<i>European Journal of Pharmaceutical and medical research</i> , 5(4):479-489. ISSN 2394-3211 <b>Google Scholar, Index Copernicus, Pubmed Database</b>	<b>4.897</b>
MAR'18		Eco-friendly treatment of biomedical waste using <i>Perionyx excavatus</i>	<i>International Journal of Science and Research Methodology</i> , 9(1):260-279. ISSN2454-2008 <b>Infospace, OAJI, internet archive, worldcat. Cite factor, academic resource index, root indexing</b>	<b>3.925</b>
SEP'18	Dr.Sr.Mary Fabiola	Determination of Heavy Metal Concentration in Water Samples Collected from Lakes of Coimbatore District, Tamilnadu, India	<i>Advances in Biological Sciences Research</i> , 1(1):116-119. ISBN: 978-93-5321-256-8	-
SEP'18	Dr.Sr.Mary Fabiola	Larvicidal and pupicidal activity of leaf extracts of <i>Vites negundo</i> L. against the human vectors <i>Culex quinquefasciatus</i> L.	<i>Advances in Biological Sciences Research</i> , 1(1):103-106 ISBN: 978-93-5321-256-8	-
SEP'18	Dr. RosalineMary	Study on Efficacy of <i>Adathoda vasica</i> and <i>Phyllanthus niruri</i> in Controlling Pulse Beetle <i>Callosobruchus chinensison</i> Chickpea.	<i>Advances in Biological Sciences Research</i> , 1(1):72-76. ISBN: 978-93-5321-256-8	-
MAY'18		Monitoring and assessment of water health in relation to fish perception in theoor wetland ecosystem, tamilnadu, india	<i>International Journal of Recent Scientific Research</i> , 9(5(D)): 26708-26714 ISSN: 0976-3031 <b>Thomson Reuters , Scopus , Elisver, open j-gate, academia.edu, Google scholar, Medline</b>	7.383
JUL'18	Dr.B.Dhanalakshmi	Assessment of microbial quality in water, sediment and fish tissue- A health concern approach in lotic freshwater body, Ambrampalayam river, Tamilnadu, India	<i>International Journal of Recent Scientific Research</i> .9(7A): 27751-27755 ISSN: 0976-3031 <b>Thomson Reuters, researcherindex, copernicus international ltdmedline/pubmed ICMJE</b>	7.383
SEP'18		Initial population density plays a vital role to enhance biodiesel productivity of <i>Tetraselmis</i> sp.	<i>Bioresource Technology Reports</i> 3(1): 15-21 ISSN: 2589-014X	

		under reciprocal nitrogen concentration	<b>Elsevier, scopus,</b>	
SEP'18		Evaluation of the bioefficacy of <i>Aegle marmelos</i> on stored pulse beetle <i>Callosobruchus maculatus</i> Fab. (Coleoptera: bruchidae), in stored Pulse <i>Vigna mungo</i>	<i>Advances in Biological Sciences Research</i> , 1(1):94-102. ISBN: 978-93-5321-256-8	-
MAR'18	Dr.G.Chitra	Heavy metal accumulation on commercially important marine edible species collected from local fish market, Coimbatore, Tamilnadu, India	<i>International Journal of Advanced Research</i> . 6(3):807-809. ISSN:2320-5407 <b>Thomson Reuters, researcherindex, copernicus international ltdmedline /pubmed data element</b>	6.896
JUN'18		Assessment of microbial quality in water, sediment and fish tissue- A health concern approach in lotic freshwater body, Ambrampalayam river, Tamilnadu, India	<i>International Journal of Recent Scientific Research</i> .9(7A): 27751-27755 ISSN: 0976-3031 <b>Thomson Reuters, researcherindex, copernicus international ltdmedline/pubmed ICMJE</b>	7.383
SEP'18		Efficacy of probiotics incorporated feed on growth of freshwater fish <i>Channa striatus</i>	<i>Advances in Biological Sciences Research</i> , 1(1):4548. ISBN: 978-93-5321-256-8	-
SEP'18	Mrs. Sajani Jose	Plant Peroxidase Activity of <i>Garcinia Cambogia</i> Plant Against Cotton Pest <i>Helicoverpa armigera</i> .	<i>Advances in Biological Sciences Research</i> , 1(1):61-66. ISBN: 978-93-5321-256-8	-
SEP'18		Antifeedant Activity and GC-MS Analysis of Methanol Leaf Extract of <i>Chromolaena odorata</i>	<i>Advances in Biological Sciences Research</i> , 1(1):77-82. ISBN: 978-93-5321-256-8	-
SEP'18		Antifeedant activities of solvent extract of <i>Piper nigrum</i> corns against the cotton pest <i>Helicoverpa armigera</i> .	<i>International Journal of Advance Research and Innovative Ideas in Education</i> . 4(5): 132-137. ISSN(O)-2395-4396. <b>Indexed in Thomson Reuters Researcher ID, Thomson Reuters Endnote, Google Scholar</b>	4.06
SEP'18		Repellency of Solvent Extracts of <i>Bauhinia acuminata</i> Flower Against Female <i>Culex quinquefasciatus</i> Mosquitoes.	<i>Advances in Biological Sciences Research</i> , 1(1):67-71. ISBN: 978-93-5321-256-8	-
APR'18		<i>In vitro</i> studies on the biocontrol potential of fish species <i>Carassius auratus</i> against mosquito <i>Culex quinquefasciatus</i> .	<i>International Journal of Advance Research and Innovative Ideas in Education</i> . 4(4): 343-349. ISSN (Online): 2395-4396. <b>Indexed in Thomson Reuters Researcher ID,</b>	4.06.

			<b>Thomson Reuters Endnote, Google Scholar.</b>	
JUN'18	Dr. Dhivya.R	Phytochemical profiling and Ovicidal efficacy of <i>Boswellia sacra</i> Resin extracts against the filarial vector <i>Culex quinquefasciatus</i> (Diptera: Culicidae).	<i>International Journal of Mosquito Research</i> 5(4): 01-06. ISSN: (Online) 2348-5906, ISSN (Print) 2348-7941. <b>Indexed in Thomson Reuters, Google Scholar, Index Copernicus, Clarivate Analytics.</b>	5.29
JUL'18		Antibacterial activity of solvent extracts of <i>Nigella sativa</i> seeds against selected bacterial strains.	<i>International Journal of Zoology Studies</i> . 3(4): 49-53. ISSN: 2455-7269. <b>Indexed in Google scholar, EBSCO, Crossref, ORCID.</b>	5.14
SEP'18		Antifeedant activities of solvent extract of <i>Piper nigrum</i> corns against the cotton pest <i>Helicoverpa armigera</i> .	<i>International Journal of Advance Research and Innovative Ideas in Education</i> . 4(5): 132-137. ISSN(O)-2395-4396. <b>Indexed in Thomson Reuters Researcher ID, Thomson Reuters Endnote, Google Scholar</b>	4.06
SEP'18	Mrs.B.Karpagam	Effect of supplementation of <i>Ocimum basilicum</i> and <i>Solanum verbascifolium</i> as growth promoters of tilapia fish ( <i>Oreochromis mossambicus</i> ).	<i>Advances in Biological Sciences Research</i> , 1(1):56-60. ISBN: 978-93-5321-256-8	-
SEP'18		Effect of <i>Spirulina</i> Supplemented Diets on The Growth Rate Of <i>Cirrhinus mrigala</i>	<i>Advances in Biological Sciences Research</i> , 1(1):39-41. ISBN: 978-93-5321-256-8	-
SEP'18		Antibacterial Activity of <i>Areca Catechu</i> , <i>Coleus Aromaticus</i> , <i>Ocimumbasilicum</i> against Fish Pathogens.	<i>Advances in Biological Sciences Research</i> , 1(1):42-44. ISBN: 978-93-5321-256-8	-
JUNE'18	Dr.J.Roopavathy	Effect of <i>Ziziphus jujube</i> leaf extract on gill of fresh water fish <i>Oreochromis mossambicus</i>	<i>International Journal of Pharmaceutical and biological science Archives</i> . 16( 03): ISSN : 2349-2678	
APRIL'18		Effect of <i>Ziziphus jujube</i> leaf extract on ovary of fresh water fish <i>Oreochromis mossambicus</i>	<i>International journal of current research in life science</i> .7(04):1712- 1716 ISSN2319-9490	5.379
SEP'18	Dr. D.Vigneshpriya	Assessment of heavy metals in Ladies finger and Yam collected from production site and market area in Coimbatore District, Tamil Nadu, India.	<i>Advances in Biological Sciences Research</i> , 1(1):144-149. ISBN: 978-93-5321-256-8	-

#### PUBLICATION BY STUDENTS

MONTH	NAME OF THE STUDENT	TOPIC	JOURNAL/BOOK	IMPACT FACTOR
SEP'18	Dhanalakshmi E	Study of The Biochemical Parameters of The Fresh Water Fish <i>Cirrhinus mrigala</i> Treated with Chromium III Chloride	<i>Advances in Biological Sciences Research</i> , 1(1):107-115. ISBN: 978-93-5321-256-8	-
SEP'18	Mercy.M	Determination of Heavy Metal Concentration in Water Samples Collected from Lakes of Coimbatore District, Tamilnadu, India	<i>Advances in Biological Sciences Research</i> , 1(1):116-119. ISBN: 978-93-5321-256-8	-
SEP'18	AnuskhaDishani.U	Larvicidal and pupicidal activity of leaf extracts of <i>Vites negundo</i> L. against the human vectors <i>Culex quinquefasciatus</i> L.	<i>Advances in Biological Sciences Research</i> , 1(1):103-106 ISBN: 978-93-5321-256-8	-
SEP'18	Sopika. K	Study on Efficacy of <i>Adathoda vasica</i> and <i>Phyllanthus niruri</i> in Controlling Pulse Beetle <i>Callosobruchus chinensison</i> Chickpea.	<i>Advances in Biological Sciences</i> , 1(1):72-76. ISBN: 978-93-5321-256-8	-
SEP'18	Suganya	Evaluation of the bioefficacy of <i>Aegle marmelos</i> on stored pulse beetle <i>Callobruchus maculates</i> Fab.(Coleoptera:bruchidae), in stored Pulse <i>Vigna mungo</i>	<i>Advances in Biological Sciences Research</i> , 1(1):94-102. ISBN: 978-93-5321-256-8	-
SEP'18	Asha.P	Effect of <i>Spirulina</i> Supplemented Diets on The Growth Rate Of <i>Cirrhinus mrigala</i>	<i>Advances in Biological Sciences Research</i> , 1(1):39-41. ISBN: 978-93-5321-256-8	-
SEP'18	Pirakadeaswari C	Antibacterial Activity of <i>Areca Catechu</i> , <i>Coleus Aromaticus</i> , <i>Ocimumbasilicum</i> against Fish Pathogens.	<i>Advances in Biological Sciences Research</i> , 1(1):42-44. ISBN: 978-93-5321-256-8	-
SEP'18	Z.Premalatha	Efficacy of probiotics incorporated feed on growth of freshwater fish <i>Channa striatus</i>	<i>Advances in Biological Sciences Research</i> , 1(1):4548. ISBN: 978-93-5321-256-8	-
SEP'18	Vincy.P.Williams	Plant Peroxidase Activity of <i>Garcinia Cambogia</i> Plant Against Cotton Pest <i>Helicoverpa armigera</i> .	<i>Advances in Biological Sciences Research</i> , 1(1):61-66. ISBN: 978-93-5321-256-8	-

#### STUDENT PRESENTATION/PARTICIPATION

Name of student	Topic	Seminar/Conference/Workshop/training	National/international	Organized by
Glory Roset. A	High rate bioreactors for the treatment of industrial waste waters	Gain Course, MHRD	Regional	PSG Technology, Coimbatore
V. Ilakkiya	High rate bioreactors for the treatment of industrial waste waters	Gain Course, MHRD	Regional	PSG Technology, Coimbatore
V. Kaviya	High rate bioreactors for the treatment of industrial waste waters	Gain Course, MHRD	Regional	PSG Technology, Coimbatore

Deepthi Kurian	Vermicomposting of phytoremediated <i>Eichhornia carapissae</i> as an alternative management of biodegradable wastes and water pollution	Conference	National	
Dhanalakshmi.E	Study of The Biochemical Parameters of The Fresh Water Fish <i>Cirrhinus mrigala</i> Treated with Chromium III Chloride	Seminar	National	Nirmala College for Women, Coimbatore
Mercy. M	Determination of Heavy Metal Concentration in Water Samples Collected from Lakes of Coimbatore District, Tamilnadu, India	Seminar	National	Nirmala College for Women, Coimbatore
Sopika. K	Study on Efficacy of <i>Adathoda vasica</i> and <i>Phyllanthus niruri</i> in Controlling Pulse Beetle <i>Callosobruchus schinensis</i> on Chickpea.	Seminar	National	Nirmala College for Women, Coimbatore
Suganya	Evaluation of the bioefficacy of <i>Aegle marmelos</i> on stored pulse beetle <i>Callosobruchus maculatus</i> Fab.(Coleoptera:bruchidae), in stored Pulse <i>Vigna mungo</i>	Seminar	National	Nirmala College for Women, Coimbatore
Asha. P	Effect of <i>Spirulina</i> Supplemented Diets on The Growth Rate Of <i>Cirrhinus mrigala</i>	Seminar	National	Nirmala College for Women, Coimbatore
Pirakadeaswari. C	Antibacterial Activity of <i>Areca Catechu</i> , <i>Coleus Aromaticus</i> , <i>Ocimum basilicum</i> against Fish Pathogens.	Seminar	National	Nirmala College for Women, Coimbatore
Z. Premalatha	Efficacy of probiotics incorporated feed on growth of freshwater fish <i>Channa striatus</i>	Seminar	National	Nirmala College for Women, Coimbatore
Vincy.P.Williams	Plant Peroxidase Activity of <i>Garcinia Cambogia</i> Plant Against Cotton Pest <i>Helicoverpa armigera</i> .	Seminar	National	Nirmala College for Women, Coimbatore
AnuskhaDishani. U	Larvicidal and pupicidal activity of leaf extracts of <i>Vites negundo</i> L. against the human vectors <i>Culex quinquefasciatus</i> L.	Seminar	National	Nirmala College for Women, Coimbatore
III-UG Students	Training program in Apiculture - 8/10/18	Hands on training	Regional	Tamilnadu Agricultural University, Coimbatore

#### FACULTY PURSUING Ph.D

S. No.	Name of the staff	Registration	Name of the Supervisor	Name of the University	Title
1.	Mrs.Sajani Jose	01.09.2012	Dr.K.Sujatha	Bharathiar University	Control of pest using botanicals
2.	Mrs. B.Karpagam	29.02.2012	Dr.N.Krishnaveni	Avinashilingam Institute for Home Science and Higher Education for Women	Effect of plant leaves supplementation on the growth, haematology, biochemical and immunological aspects of fresh water fish tilapia, <i>Oreochromis mossambicus</i> .

#### FACULTY WHO HAVE RECOGNITION FOR GUIDING M.PHIL & PH.D

S.No.	Name of the staff	Date of Recognition	Name of the University	Official Communication No.
1.	Dr.Pawlin Vasanthi Joseph	MPhil -23071-2/A2/2010	Bharathiar University	10.11.2010
		Ph.D-000296/A2/2016		15.05.2016
2.	Dr.Sr.Mary Fabiola	MPhil -23071-3/A2/2010	Bharathiar University	10.11.2010
		Ph.D – 006634/A2/2016		15.05.2016
3.	Dr.Rosaline Mary	MPhil -23071-1/A2/2010	Bharathiar University	10.11.2010
		Ph.D – 19607/A2/2014		27.09.2014
4.	Dr.B.Dhanalakshmi	2712/A2/2011	Bharathiar University	24.02.2011
5.	Dr.G.Chitra	24919/A2/2011	Bharathiar University	22.11.2011

#### Faculty Development Programme and Training Programme attended by the faculty

S.No.	Date	Name of the faculty	Department	Title	Organized by
1.	06/09/18	B.Karpagam	Zoology	Training program in Apiculture	Tamilnadu Agricultural University, Coimbatore
2.	06/10/18	Dr.Pawlin Vasanthi Joseph	Zoology	Orientation Program- NAAC accreditation and All India Ranking 2019 (NIRF)	Regional Joint Director of Collegiate Education, Coimbatore
3.	26/09/18	Dr.Rosaline Mary	Zoology	Research based Pedagogical Tool	Centre of Excellence in Science and Mathematics Education in collaboration with

					Sheffield Hallam University
4.	08/10/18	D.Vignesh Priya	Zoology	Training program in Apiculture	Tamilnadu Agricultural University, Coimbatore
5.	05/10/18-09/10/18	Mrs.Sajani jose	Zoology	India international Science Festival, National Science Teachers Congress, Lucknow	DBT,MHRD

### STUDENT SPECIAL ACHIEVEMENT

Name	Date	Place	Event	Rank
Mangaiyarkarasi.R	08/10/18 to 09/10/18	Nirmala College for Women- Coimbatore	Weight Lifting, Power Lifting	1 <sup>st</sup> Place
	18/11/18 to 19/11/18	Nirmala College for Women - Coimbatore	Hand ball	1 <sup>st</sup> Place
	07/01/19 to 08/01/19	CMS College of Arts and Science – Coimbatore	Take Wondo	Silver Medal , 2 <sup>nd</sup> place
		Bharathiar University – Coimbatore	Hammer throw	1 <sup>st</sup> Place
Sowmiya.A	08/10/18 to 09/10/18	Nirmala College for Women- Coimbatore	Weight Lifting	1 <sup>st</sup> Place, Best lifter Award
	18/11/18 to 19/11/18	Nirmala College for Women - Coimbatore	Hand ball	1 <sup>st</sup> Place, Gold Medal
	07/01/19 to 08/01/19	CMS College of Arts and Science – Coimbatore	Take Wondo	Bronze 3 <sup>rd</sup> Medal
		Bharathiar University – Coimbatore	Hammer throw	1 <sup>st</sup> Place
R. Yasmin Banu	15/01/18	Indian Dance Festival -18, Mamallapuram	Folk	Performer Certificate
Sini.G.Nath	26/01/19 to 27/01/19	Literary and Cultural Fest, Gujarat	Singing	-



## COMPETATIVE EXAMS PASSED

S.No	Name	Competitive exam
1	Aswathi P V	State Eligibility Test (2018)
2	Sudha Priya	Tamil Nadu Public Service Commission (Group 4) (2018)

## PLACEMENT DETAILS

Sl. No.	Name	Company	Post
1	Sanjana. K	Senthil Public School	Student teacher
2	Nirosha. K	Senthil Public School	Student teacher
3	Liya Davis	Senthil Public School	Student teacher
4	Gayathri, G	Senthil Public School	Student teacher
5	Blessy George	English edge	English communication coordinator
6	Sini .G. Nath	Talk factory	English communicator
7	Blessy George	Talk factory	English communicator
8	Srija. C	IDBI Bank	Team leader
9	Diana Mary	IDBI Bank	Team leader
10	Blessy George	IDBI Bank	Team leader
11	Pirakaedeswari	Srichaithanya School	Student teacher
12	Dulcie Josephine	IDBI Bank	Team leader

## STUDENT PROJECTS

Department	List of Projects (Topics)	No/. of Students (under the Project)
Zoology	Study of the ant diversity in the college campus	7
	A comparative study of vermicompost production using cow dung and goat dung	7
	Efficacy of <i>Moringa oleifera</i> _L. (Family: Moringaceae), seed as a larvicidal agent against Dengu fever mosquito, <i>Aedes</i> L. (Diptera: Culicidae)	6
	Comaprative analysis of mixed fruit wastes and leaf litter vermicompost using the earthworm <i>Eisenia foetida</i>	6

	Influence of frozen period on the proximate composition and microbial population of commercial marine fishes collected from Coimbatore fish market, Tamilnadu, India	7
	Efficacy of compost application in potting media derived from different organic wastes on the biometric parameters and flowering capacity of Mari gold( <i>Tagetes erecta</i> L.)	7