



WEB FORMAT

**BHARATHIAR UNIVERSITY:COIMBATORE – 641 046**  
**Annual Report for the year 2009 period from 01.01.2009- 31.12.2009.**



**1. Department Details**

Name of the School	<b>Life Sciences</b>
Name of the Department	<b>Zoology</b>
Name of the HOD,Phone No.and E-mail ID	<b>Dr. K.SASIKALA,</b> drk_sasi@yahoo.com 0422-2428 491
Year of Establishment	<b>1982</b>
Telephone No.	<b>0422-2428491 (Ext. )</b>
Website/ E.mail if any	<b>zoo@bharathiaruni.org.in</b>
Special Status	<b>SAP      FIST      DST      Others</b>

**2. Details of the Faculty and Staff Members**

Sl. No.	Name of the Faculty	Qualification	Designation	Specialization	Experience in years		E.mail ID&Phone No.
					Teaching	Research	
1.	<b>Dr. K. Sasikala</b>	M.Sc., M.Phil., Ph.D.	Professor	Human Genetics	25	28	<a href="mailto:drk_sasi@yahoo.com">drk_sasi@yahoo.com</a> 0422-2428 491 9894254354
2.	<b>Dr. K. Murugan</b>	M.Sc. M.Phil., Ph.D.	Professor	Entomology	22	25	kmvbk@yahoo.com 0422-2428492 9894832849
3.	<b>Dr. M. Ramesh</b>	M.Sc., M.Phil., Ph.D.	Reader	Toxicology	5½	19	mathanramesh@yahoo.com 0422-2428493 9894534418
4.	<b>Dr. P. Saravanabhavan</b>	M.Sc., B.Ed., M.Phil., Ph.D.	Reader	Crustacean Biology	10	17	bhavanps@yahoo.co.in 0422-2428495 9842498138
5.	<b>Dr. V. Ramasubramanian</b>	M.Sc., M.Phil., Ph.D.	Asst.Professor	Live Feed Culture	8	17	vramans68@rediffmail.com 0422-2428494 0422 - 2423068

6.	<b>Dr.C. Gunasekaran</b>	M.Sc, M.Phil., Ph.D	Asst.Professor	Conservation Biology	1½	5	<a href="mailto:chrisguna@rediffmail.com">chrisguna@rediffmail.com</a> 9994158645
7.	<b>Dr.S. Kannan</b>	M.Sc, Ph.D	Asst.Professor	Molecular Proteomics and Physiology	1½	11	<a href="mailto:Sk_protein@buc.edu.in">Sk_protein@buc.edu.in</a> 9787232032

### 3. Research Schemes/Projects undertaken

Sl. No.	Fundin g Agency	Name of the Principal Investigator	Title of the Project	Amount (Rs)	Duration	
					From	To
1.	UGC	Dr.K.Sasikala	“Cytogenetic study on hepatocellular carcinoma patients of Coimbatore city	2.0 lakhs	2009	2013
2.	DRDO	Dr.K.Murugan	Evaluation of Bacterial Larvicides, <i>Bacillus sphaericus</i> (DRL, TEZPUR, IOSLATES) for the Control of Mosquito Vectors	4.27 lakhs	2008	2010
3.	UGC	Dr.M. Ramesh	Environmental risk assessment of selected pharmaceuticals to aquatic speices: Using physiological of non specific Biomarkers	10,35,300	2008	2011
4.	UGC	Dr.P. Saravanabhavan	Health management through low cost plant feed for better survival, growth and production of economically important freshwater prawns <i>Macrobrachium rosenbergii</i> and <i>Macrobrachium malcolmsoni</i>	7, 01,300	2009	2012
5.	UGC	Dr.V. Ramasubramanian	Development of new feed formulations Towards Technological Empowerment of Aquaculture Formers	6.25 lakhs	2009	
6.	UGC	Dr.S. Kannan	Studies on Expression, Purification and micro-sequencing of sex pheromone receptor	8.2 lakhs	2009	

### 4. (a) Deputation of Faculty to present a paper in Congress/Conference/Seminar /Workshop, Symposia, etc.,

Sl.No.	Name of the	Congress/Conference/Seminar	Period	Title of the Paper
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	Faculty	/Workshop and Venue		
1.	<b>Dr.K. Sasikala</b>	<i>European Science of Human Genetics, Vienna</i>		<i>S.Detection of Molecular cytogenetic damage of individuals affected by retinoblastoma in South India</i>
2.	<b>Dr.K.Murugan</b>	Beijing, China  Nanjing Agricultural University, China 6th Asia-Pacific Congress of Entomology Beijing, China  Xth International Symposium, Goa  2 <sup>nd</sup> Biopesticide International Conference(Biocicon-2009)  3 <sup>rd</sup> Conference of Medical Arthropodology, Madurai	24 <sup>th</sup> May. – 29 <sup>th</sup> May, 2009  30 <sup>th</sup> May – 2 <sup>nd</sup> June, 2009  October 18-22, 2009  4-6 -112009  26-28-11-09  18,19-12-09	International Forum for Surveillance and Control of Mosquitoes and Mosquito-Borne Diseases  Botanical microbial control of Insects  Insect Conservation, Biodiversity & Climate Change.  Vectors and Vector Borne Diseases  Biopesticide
3.	<b>Dr.M.Ramesh</b>	GW-BIMG-09, BU	9-12.02.2009	
4.	<b>Dr.P. Saravanabhavan</b>	GW-BIMG-09, BU	9-12.02.2009	
5.	<b>Dr.V. Ramasubramanian</b>	International Conference, Taiwan Ocean University, Taiwan  National University, Singapore	6-11.10.2009  12-15.10.2009	Zooplankton behaviour, Ecology and aquaculture
6.	<b>Dr.C. Gunasekaran</b>	DARWIN 200-Evolution & Biodiversity, Australia	25-28.9.2009	A New species of eriophyid mite
7.	<b>Dr.S. Kannan</b>	Needs of Rodent Pest National seminar, Lakshadweep  Physiology and Behaviour of Conference  Pheromone Binding Proteins Madurai Kamaraj University	12.08.2009  9.9.2009  10.9.2009	Agriculture and Management in Coconut value Animal Behaviour and Mammalian Pheromones

**4(b). Faculty having acted as chief guest, key note speakers, resource person, chair person, external experts,etc.**

Sl.No.	Faculty	Role	Event	Venue & Date	Title
1.	Dr.K. Sasikala	Syndicate Member			
2.					
3.					

**5. Seminars and Conferences Organized:**

Sl.No	Name of the Faculty	Congress/Conference/Seminar/ Workshop/Symposia, etc. Organized	State/National/ International Level	Period
1.	Dr.K. Murugan	International Congress of Global Warming on Biodiversity of Insects	International	9-12 <sup>th</sup> February 2009
2.				
3.				

**6(a). Publication of Research Papers in the National/International Level:**

Sl. No.	Title of the paper	Author(s)	Journal	Volume No. Issue No.	Year of Publication	Page (pp)
1.	Cytogenetic abnormalities found among the females suspected for mental retardation in and around coimbatore city	K. Sasikala, V. Balachandar, P. Manikantan, Mohana Devi, S. R. Sangeetha	European Journal of Human Genetics	Volume 17, Supplement 2	May 2009	p 108.
2.	Chromosomal alterations and Micronuclei frequencies in smokers who were occupationally exposed to lead in Tamilnadu region	V. Balachandar, P. Manikantan, Mohana Devi, S. R. Sangeetha, K. Sasikala, A. Karthick kumar, M. Arun.	European Journal of Human Genetics	Volume 17, Supplement 2	May 2009	p 109.
3.	Cytogenetic studies among plant nursery workers occupationally exposed to pesticides	Mohana Devi, S. V. Balachandar, P. Manikantan, R. Sangeetha, K. Sasikala.	European Journal of Human Genetics.	Volume 17, Supplement 2	May 2009	p 110

4.	Cytogenetic changes of individuals occupationally exposed to arsenic	A. Karthick kumar ,V. Balachandar, M. Arun ,P. Manikantan, Mohana Devi, S. <b>K. Sasikala.</b>	European Journal of Human Genetics.	Volume 17, Supplement 2	May 2009	p 102
5.	Cytogenetic study of tannery industry workers exposed to chromium compounds	M. Arun, V. Balachandar, A. Karthick kumar , P. Manikantan, Mohana Devi, S. <b>K. Sasikala.</b>	European Journal of Human Genetics	Volume 17, Supplement 2	May 2009	p 103
6.	Larvicidal and smoke repellency effect of <i>Toaddalia asiatica</i> and <i>Aegle marmelos</i> against the dengue vector	A. Vineetha and K. MURUGAN	Entomological Research	-	2009	39:61-65.
7.	Larvicidal and insect growth regulator effect of $\alpha$ -amyrin acetate from <i>Catharanthus Roseus</i> Linn against the malaria vector	Chennippan KUPPUSAMY and Kadarkarai MURUGAN and Narayanasamy ARUL and Perpumal YASODHA	Entomological Research	-	2009	39 78-83
8.	Integratiohn of Botanical and Microbial Pesticides for the Sustainable Management of Insect – Pests. In: <i>Neem A Treatise</i>	MURUGAN K. and Vanithakumari G	I.K. International Publising House Pvt. Ltd., New Delhi,	-	2009	pp 299-315
9.	A novel host shift and invaded range of a seed predator, <i>Acanthoscelides macrophthalmus</i> (Coleoptera: Chrysomelidae: Bruchinae), of an invasive weed, <i>Leucaena leucocephala</i>	Midori TUDA , Li-Hsin WU, Yoichi TATEISHI, Chawalit NIYOMDHAM, Sawai BURANAPANICHPAN, Katsura MORIMOTO, Wen-Jer WU, Chiao-Ping WANG, Zong-Qi CHEN, Hong-Ye ZHU, Ying-Cui ZHANG, Kadarkarai MURUGAN , Liang-Yih CHOU , Clarence D. JOHNSON	Entomological Science	-	2009	12, 1–8
10.	Larvicidal and Smoke Toxicity effect of <i>Tridax procumbens</i> against malarial vector	Kamalakaran.S, K. Murugan, P. Thiyagarajan, A. Nareshkumar and D. Abirami	Asian Jr. of Microbiol. Biotech. Env. Sc	Vol. 11, No. (2)		293-297.
11.	Sustainable Mosquito Managment and Water	Murugan. K, Naresh kumar. A, Aarthi. N, Kovendan. K and	-	-	2009	283-296

	Purification Using Botanicals in different aquatic Ecosystem	Vincent. S				
12.	Hormonal responses of the fish, <i>Cyprinus carpio</i> ,	<b>Mathan Ramesh</b> , Manoharan Saravanan and Chokkalingam Kavitha.	environmental lead exposure. <i>African J. Biotechnol</i>	-	2009	8(17), 4154-4158
13.	Effect of atrazine (Herbicide) on blood parameters of common carp <i>Cyprinus carpio</i> (Actinopterygii: Cypriniformes)	<b>M. Ramesh</b> , R. Srinivasan and M. Saravanan	<i>African J. Environ. Sci. Technol</i>	-	2009	3(12): 453-458.
14.	Ultrastructural observations in the gills and hepatopancreas of the prawn <i>Macrobrachium malcolmsonii</i> exposed to mercury.	Yamuna, A. P. S. BHAVAN and P. Geraldine	Journal of Environmental Biology (Intl.)	30(5):	2009	693-699
15.	Population of zooplankton in relation to physicochemical parameters of a seasonal pond.	Poongodi, R, P.S. BHAVAN, P. Vijayan, S. Kannan and S. Karpagam	Research in Environment and Life Sciences	2(2&3)	2009	105-110
16.	Assessment of physicochemical parameters and phytoplankton population in a pond.	Radhakrishnan, S, P.S. BHAVAN, P. Vijayan, S. Kannan and S. Karpagam	Research in Environment and Life Sciences	2(2&3)	2009	77-82
17.	Concentrations of Total Protein, Lipid, Carbohydrate, DNA and ATPase in Tissues of the freshwater Prawn <i>Macrobrachium malcolmsonii</i>	P. SARAVANA BHAVAN.	Fishing Chimes	29(2)	2009	44-46
18.	Manifestation of carbaryl toxicity on soluble protein and histopathology in the hepatopancreas and gills of the prawn <i>Macrobrachium malcolmsonii</i> .	BHAVAN, P.S. and P. Geraldine.	Journal of Environmental Biology (Intl.)	30(4):	2009	533-538
19.	Assessment Of - 17/- 16 Site Specific Mutational Effect On Transcription Initiation	<b>S.Kannan</b> , M.Krishnan, S.Sundarraaj and M.Vimaladevi 2009	<b>Am. J. Biochem. Biotechnol</b>	5:	2009	<b>21-29.</b>

	<i>At Escherichia Coli</i> Promoter					
20.	Detection of $\alpha$ 2u-globulin in rat pup preputial gland	Ponnirul PONMANICKAM, Gnanasekaran JEBAMERCY, Govindaraju ARCHUNAN, Soundrapandian KANNAN	Maldi-tof mass spectrometry <i>Curr. Zool</i>	55(4)	2009	296 – 300.
21.	A genetic mutation in KCNJ11 causes congenital hyperinsulinism	Tarvinder K. Taneja, Jamel Mankouri, Karnick Rucha, Soundarapandian Kannan, Andrew J. Smith, Tim Munsey, Henrik B.T. Christesen, David J. Beech and Asipu Sivaprasadarao	<b>Human Molecular Genetics</b>	18(13)	2009	2400-2413.

### 6(b). Abstracts:

Sl.No.	Author	Title	Event
1.	BHAVAN, P.S., R. Rajkumar, S. Radhakrishnan, C. Seenivasan and S. Kannan.	Culture and Identification of <i>Candida albicans</i> from Vaginal Ulcer and Separation of Enolase on SDS-PAGE.	96th Indian Science Congress “Science Education and Attraction of Talent for Excellence in Research” North Eastern Hill University, Shillong. 03.01.2009-07.01.2009
2.			
3.			

### 7. Publications of Books/Monographs:

Sl.No	Author	Name of the Book	Publisher/Place	Year
1.	Nil	Nil	Nil	Nil
2.				
3.				

**8. Courses Offered, Sanctioned Strength of Students and Enrolment details:**

Sl. No	Name of the Degree/Subject	Aided/Unaided	Sanctioned Strength	First Year Enrolment		Total	Community-wise Enrolment														Second year		Total		Pass % 08-09	
							OC		BC		BCM		MBC/DNC		SC		SCA		ST							
				M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	
1.	PG Courses	-	20	15	5	20	-	-	-	9	-	-	1	-	4	5	-	-	-	1	11	10	16	15	99	100
	1. M.Sc. AS	-	20	6	10	16	1	1	3	3	-	-	1	1	4	2	-	-	-	-	8	6	16	12	100	100
	2. M.Sc. AB 3. M.Tech. MBHG	-	20	10	9	19	1	2	4	4	-	-	2	2	2	2	-	-	-	-	9	10	-	-	100	100
2.	M.Phil.	-	28	2	9	11	-	2	2	2	-	-	-	-	5	-	-	-	-	-	-	2	9	100	100	
3.	Ph.D	-	56	14	9	23	-	1	6	2	-	-	1	1	6	4	-	-	1	-	-	14	9	100	100	
4.	Diploma/PG Diploma Course	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
5.	Certificate Courses	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
	<b>Total</b>		<b>144</b>	<b>47</b>	<b>42</b>	<b>89</b>	<b>2</b>	<b>6</b>	<b>15</b>	<b>20</b>	<b>-</b>	<b>-</b>	<b>5</b>	<b>4</b>	<b>16</b>	<b>18</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>28</b>	<b>26</b>	<b>48</b>	<b>45</b>		

**9(a). Enrolment of Overseas Students:**

Sl.No.	Degree and Subject	Nationality/State	Number of Students		Total
			M	F	
1.	Nil	Nil	Nil	Nil	Nil
2.					
3.					

**9(b). Enrolment of Students from other states:**

Sl.No.	Degree and Subject	Name	State	Number of Students		Total
				M	F	
1.	M.Tech.MBHG	Indian/MP/KA	5	3	8	11
2.	M.Phil.	Indian/Manipur	Nil	1	1	2
3.						

**10. Research Degree Awarded:**

Sl.No	Name of the Scholar	Name and Designation of the Supervisor	Title	M.Phil/Ph.D
1.	Anne Rebecca A	Dr.P. Saravanabhavan		M.Phil.
2.	Dhanalakshmi M	Dr.V. Ramasubramanian		M.Phil.
3.	Jeyanthi S	Dr.P. Saravanabhavan		M.Phil.
4.	Krishnapriya A.K	Dr.K. Sasikala		M.Phil.
5.	Labbe Thojalingam	Dr.K. Sasikala		M.Phil.
6.	Manikandan V	Dr.V. Ramasubramanian		M.Phil.
7.	Nithya S.V	Dr.P. Saravanabhavan		M.Phil.
8.	Sasirekha N	Dr.M. Ramesh		M.Phil.
9.	Sureshkumar S	Dr.V. Ramasubramanian		M.Phil.
10.	Viji S	Dr.P. Saravanabhavan		M.Phil.
11.	Lavanya S	Dr.M. Ramesh		M.Phil.
12.	Jayakumar R	Dr.K. Sasikala		Ph.D
13.	Kuppusamy C	Dr.K. Murugan		Ph.D
14.	Kalaivani B	Dr.G. Vanithakumari		Ph.D
15.	Sumathi A	Dr.K. Murugan		Ph.D
16.	Mohanadevi S	Dr.K. Sasikala		Ph.D
17.	Suresh K	Dr.K. Sasikala		Ph.D

**11. Fellowships Awarded**

Sl.No.	Agency*	Position (URF/JRF/SRF/RA)	Number of Fellowships		Total
			M	F	
1.	CSIR	SRF	1	1	2
2.	UGC	JRF	1	1	2

3.	URF	URF	2	1	3
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\* (DSC/DRDO/AICTE/Ministry/CSIR. Others...)

### 12. Scholarships Awarded:

Nature of Scholarship	P.G		M.Phil.		Ph.D		Amount Rs.
	M	F	M	F	M	F	
B.C (State)	12	10	4	2	3	2	99,000
B.C.M (State)	-	-	-	-	-	-	-
M.B.C/D.N.C.(State)	4	3	3	1	2	1	42,000
SC/SCA/ST(National)	15	9	2	2	5	2	1,45,000
SC/SCA/ST(State)	-	-	-	-	-	-	-
First Generation Free Education	1	1	-	-	-	-	-
Loan Scholarship	2	4	-	-	4	2	90,000
Others	-	1	-	-	-	-	-
Kamarajar (State)	-	1	-	-	-	-	7,200
UGC-PGIG							96,000
<b>Total</b>	<b>34</b>	<b>29</b>	<b>9</b>	<b>5</b>	<b>14</b>	<b>7</b>	<b>4,82,200</b>

### 13. Placement Details:

Name of the Placement Co-ordinator: Dr.P. Saravanabhavan Phone No. 0422-2428495

Sl.No.	Number of Placements & Programme and Campus Interview	Number of Companies that visited the campus	Number of Placements obtained through off campus Interview
1.	NIL	NIL	NIL
2.			
3.			

### 14. (a) Outstanding achievements by Faculty Members:

Sl.No.	Name of the Faculty	Achievements	Agency
1.	Dr.C. Gunasekaran	Australian Aid Award	Darwin
2.			
3.			

### 14.(b) Outstanding achievements by Students:

Sl.No.	Name of the Student	Achievements	Agency
1.	V. Balachandar	Young Scientist Award	Fast Track
2.	V. Balachandar	Ph.D Best Thesis Gold medal	Maniban Kirthilal
3.	V. Balachandar	Best Presentation Award	ESHG), Vienna – Austria
4.	V. Balachandar	Young Scholar Award	Bharathiar University

**15. Infrastructure and research facilities available (Please specify equipments worth more than Rs. One Lakh Only)**

Sl.No.	Name of the Equipment/Computer/Software/Others	Quantity
1.	HCL Computer	11
2.	HP Computer	3
3.	IBM Computer	3
4.	HP Laser	7
5.	Samsung Printer	2
6.	Konika Minalto Printer	5
7.	Wipro1000+ Printer	1

**16. Extension activities carried out:**

Sl.No.	Name of the Activity	Date	Venue	Beneficiaries
1.	Blood Group Identification	All Days	Genetic Lab.	
2.	Karyotype Studies	Regular	Genetic Lab	
3.	Summer Job Training for College Students	May-June	Optical Lab	
4.	Toxicity Test	Regular	Toxicology Lab.	
5.	Mosquito Control with DRDO	Regular	Entomology	
6.	PG Project work	Regular	Genetic Lab	

**17. Library/Learning Resources/Information and Communication Technology Resources:**

Name of the Librarian or Faculty in-charge and qualification: **Dr.S. Kannan, M.Sc., Ph.D**

S.No.	Particulars	Nos.	S.No.	Particulars	Nos.
1.	No. of Books Available	288	8.	No. of CDs and Digital Books	No
2.	No.of Titles Available	288	9.	No. of Indian Magazines	No
3.	Books Added During the year 2009	No	10.	No. of Foreign magazines	No
4.	No. of Data bases Available	No	11.	Average No. of Students Visiting the Library per day	5
5.	No. of Online Journals	No	12.	Average No. of Books Issued per Day	5
6.	No. of Indian Journals	No	13.	Availability of Internet (Specify	100

				the Capacity)	
7.	No. of foreign Journals	No	14.	Availability of Language Lab.	

### 18. Department Lab:

Sl.No.	Name of the Lab.	Purpose Research/Practical	Equipments	
			No.	Value
1.	Optical Lab.	Research	UV/VIS Spectrophotometer	Rs.3,00,000
2.	Optical Lab.	Research	GEL Documentation Sys	Rs. 2,00,000
3.	Optical Lab.	Research	Leica Microscope	Rs.4,00,000
4.	Optical Lab.	Research	PCR 2 Nos.	Rs.9,00,00
5.	Optical Lab.	Research	Semi Auto Analyser	Rs.1,00,000
6.	Optical Lab.	Research	Elisa Reader	Rs.1,50,000
7.	Optical Lab.	Research	DNA Sequencer	Rs.1,00,000
8.	Optical Lab.	Research	Elec. Balance-0.05S	Rs.1,00,000

### 19. Others (Please Specify):

- a. Collaborative Research
- b. Consultancy
- c. No. of NET/SET/GATE Qualified Students- Nil

2. *Dr.B.Lakshman Kumar* – UGC PDF - 2009
3. *Dr.R.Jeyakumar* – PDF – Malaysia - 2009
4. *Dr.S.Mohana Devi* – CSIR – SRF/ Young Scholar award-BU/ Travel Award- CSIR - 2009
5. *Mr.P.Manikantan* – ITPCMB, Travel Award, Taiwan/ UGC-JRF - 2009

<i>Research Guidance (2009-2010)</i>	:	<i>Completed</i>	<i>Ongoing</i>
<i>M.Phil</i>		<i>5</i>	<i>1</i>
<i>Ph.D.</i>		<i>2</i>	<i>8</i>

### *Projects Completed for other Institutions*

1. *M.Sc., : St. Aloysius College, Thrissur ( No. of Students : 8)*
2. *B.Tech : Government College of Technology, Coimbatore. ( No. of students :15)*
3. *MPhil : Government Arts College, Coimbatore. ( No. of students : 3)*  
*Karpagam University, Coimbatore, ( No. of students : 3)*

- External Expert for the selection of Project Assistant to be held on 22<sup>nd</sup> June 2009 at SalimAli Centre for Ornithology and Natural History, Anaikatty, Coimbatore.
- Attended a Institutional Animal Ethics Committee meeting to held on 5<sup>th</sup> September 2009 at Vinayaga Mission Pharmacy College, Salem as a CPCSEA Nominee, Ministry of Environment and Forests, Government of India.
- Attended a Institutional Animal Ethics Committee meeting to held on 06.04.2009 at Pasteur Institute of India, Coonoor as CPCSEA Nominee, Ministry of Environment and Forests, Government of India.
- Attended a Institutional Animal Ethics Committee meeting to held on 08.10.2009 at Kongunadu Arts and Science College, Coimbatore as CPCSEA Nominee, Ministry of Environment and Forests, Government of India.
- Attended a Institutional Animal Ethics Committee meeting to held on 30.04.2010 at Department of Biotechnology, Periyar University, Salem as a CPCSEA Nominee, Ministry of Environment and Forests, Government of India.
- Attended a Institutional Animal Ethics Committee meeting to held on 12.06.2009 at PSG Institute of Medical Sciences & Research, Peelamedu, Coimbatore – 641 004, as a CPCSEA Nominee, Ministry of Environment and Forests, Government of India.
- Attended a Institutional Animal Ethics Committee meeting to held on 05.08.2009 at Sri Annai Farms, Dharapuram, Erode Dist as a CPCSEA Nominee, Ministry of Environment and Forests, Government of India.

#### **ANIMAL WELFARE FORTNIGHT PROGRAMME**

- Organised Animal Welfare Fortnight celebrations on 11.02.2010 at Department of Zoology at 10.30 am at Nachimuthu Seminar Hall, Dr. S. Manian, Director, School of Life Sciences has presided over the function and Mr. K. Kalidasan, President “OSAI” delivered a Lecture on “Wildlife Conservation and Animal welfare”
- UGC Major Research Proposal was presented (MRP) before the UGC expert committee on 07<sup>th</sup> November 2009 at University Grants Commission, Bahadurshah Zafar Marg, New Delhi- 110 002.
- Planning to organize “**3rd Asian Lepidoptera Conservation Symposium 2010**” during **25<sup>th</sup> 29<sup>th</sup> October 2010** in collaboration with Zoo Outreach Organization and Wildlife Information Liasion Development Society (WILD) in the Department of Zoology, Bharathiar University, Coimbatore.
- Participated UGC sponsored Orientation Course during 15.05.2009 to 11.06.2009 at UGC Academic Staff College of Bharathiar University, Coimbatore.
- One of my research paper has been accepted for the presentation in the conference on DARWIN 200- Evolution & Biodiversity, at Darwin, Northern Territory, Australia to be held on 25-28 September 2009 and the paper entitled “**A new species of eriophyid mite *Aculus vetiveriae* sp.nov** (Acari : Eriophyidae) on *Vetiveria zizanioides* ( Graminae) **in Tamil Nadu, India**”
- Visited **National University of Singapore (NUS)** and discussed with scientists for the possibility of collaborative research plan in the future.

# KEY ACADEMIC RATIOS

Sl.No.	Particulars	Formula	Ratio
<b>1</b>	<b>FACULTY RATIOS</b>		
1.1	Non-Teaching staff to Teaching Faculty Members Ratio	Total No. of Non-Teaching Staff/Total number of Teaching Staff	5/7
1.2	Ratio of publications per faculty	Total no. of publications/Total no. of Faculty members	21/7
1.3	Ratio of paper presentation to Faculty	Total no. of papers presented/Total no. of Faculty members	15/7
1.4	Ratio of Workshops, Seminars, Conference organized to Faculty	Total no. of Seminars etc. organized/Total no. of Faculty	1/7
1.5	Ratio of participation	No. of Faculty who attende the programmes/Total number of Teaching staff	7/7
1.6	Ratio of Projects to faculty	Total number of Projects/Total no. of Faculty	9/7
<b>2</b>	<b>RESOURCE RATIOS</b>		
2.1	Ratio of Computers per student	Total no. of Computers in the Department/Total no. of Students	17/120
2.2	Ratio of Books to students	Total no. of Books/Total no. of Students	288/120
2.3	Hostellers Ratio	Total hostel inmates/Total no. of Students	/120
2.4	Constructed area per student	Total constructed area/Total number of students	/120
<b>3</b>	<b>STUDENTS TATIOIS</b>		
3.1	Demand Ratio	Number of Students Applied/No. of Students Admitted	94/35
3.2	Student Faculty Ratio	Total number of Students/Total no. of Faculty members	120/7
3.3	Gender Ratio	Total number of female students/Total number of male students	63/50
3.4	Percentage of differently abled students admitted	No. of differently abled students admitted/Total no. of male students	Nil
3.5	Percentage of students from other state	No. of other state students admitted/Total no. of students admitted	8/120
3.6	Percentage of Foreign students admitted	No. of Foreign students admitted/Total no. of students admitted	Nil
3.7	Success Ratio of Students	Total number of students passed/Total number of students appeared for final exam	35/35
3.8	Cost of education per student	Total Expenditure / Total no. of students on roll	18,70,000/60
3.9	Amount of Scholarship per student	Total amount of scholarships/ Total no. of Students getting scholarships	4,82,200/98
3.10	Ratio of Students given remedial coaching	No. of students given remedial coaching/Total no. of Students	Nil
<b>4</b>	<b>OTHER ACADEMIC RATIO</b>		

4.1	Percentage of student dropouts in the academic year 2008-2009	No. of dropouts/ Number of students admitted	35/35
4.2	Ratio of placement to students	Total no. of Placements/Total no. of out going students	Nil
4.3	Ratio of students given competitive / Civil service Examination coaching	No. of students given coaching/ Total no. of out going Students	Nil