



2013 - 2014



THE PLACENTA

Volume III

Newsletter of the Department of Zoology, St. Aloysius College, Edathua



PRINCIPAL'S MESSAGE

Dr. P.C. Aniyankunju

I am very glad to know that the 3rd annual newsletter of the Department of Zoology, "The Placenta" is getting ready for publication. While going through this newsletter, it is obvious that the academic ambience of the Department was energetic and lively in the year 2013-2014. Rs.1.8 lakh financial support from KSCSTE for organizing Science Popularization Programme, funding from UGC for minor research project, student publications, research publications from faculty members, various extension activities etc. might be served as an addendum to the existing strength of the Department.

I believe that, the mission and vision of the Department equip a student to grow his/her maximum potential, so as to attain a remarkable position in the life.

I congratulate the editor and faculty members of the Department for the effort taken in bringing up this newsletter.

Best of Luck!



EDITOR'S COMMENT

Dr. Shibu George

An academic year begins with planning, expectations and visions. The success of planning depends on proper analysis of the merits and demerits of previous year activities. To make the current year a better one, rectification of the demerits, polishing of the merits and addition of new ideas are worthy. We realize these facts. Hence, through this 3rd annual newsletter, the department of Zoology has made an analysis of the previous year (2013-2014) performances. As a policy matter, the Department of Zoology proclaims the objectives of Indian higher education. Most sincerely, we are ready to offer such an education that enables a pupil to achieve an overall growth in various realms of life. Nevertheless, we are not claiming that we have fulfilled our aims and dreams. But an analysis of this newsletter gives us strength, inspiration and dreams for transforming a good student to the best.

We thank you for your valuable support, criticism and inspiration given in the past and expect the same in the future.

₹ 1.8 LAKHS FOR SCIENCE POPULARIZATION PROGRAMME

The Kerala State Council for Science Technology and Environment (KSCSTE) has selected the Department of Zoology under the scheme 'Science Popularization Programme (SPP)' for popularizing the scientific principles among the youth and public for the year 2013-2014. The focal theme of the programme was "Science of Fisheries-Towards the Public". For coordinating various activities, an amount of 1.8 lakhs has been given to the Department. The tenure of the programme is one year during which Department organize various programmes such as study tours, training sessions on fisheries and aquaculture aspects, coastal area cleaning programmes, streets play, seminars etc.

The **inaugural ceremony** of the Science Popularization Programme was done by **Rev. Fr. Thomas Kanjiravelil**, Bursar of the College, in presence of the

Chief Guest **Shri. C. K. Rajan** (Deputy Director of Fisheries, Alappuzha) and **Dr. P.C. Aniyankunju** (Principal) on 24-10-2013. **Dr. N Suja**, coordinator of the programme welcomed the delegates. **Dr. Shibu George**, Assistant Professor proposed the vote of thanks to the participants.

Sri. C.K. Rajan served as a resource person for a seminar on "Different aquaculture schemes offered by Department of Fisheries, Govt. of Kerala".



Looking back to the academic year 2013-2014

Dr. N Suja (HOD)



Dears,

I am proud to introduce III volume of this newsletter "Placenta". The academic year 2013-14 was a remarkable year for the Department of Zoology. In preparing this newsletter, we have endeavored to provide readers with a useful and informative picture of the department's performance over the past 12 months.

Our department continues to experience growth and progress.

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CONGRATULATIONS!

Ms. Arya Krishnan of II B.Sc. Zoology was elected as **Vice Chairman** of the College Union for the year 2013-14.

All the best

Mr. George Kutty John (Zoology Lab Assistant) retired from the College after 29 years of service to the College.





SEMINARS (2013 - 2014)

National Science Day Celebration



As a part of National Science Day Celebrations- 2014, the Department organized one day seminar on the focal theme "Fostering Scientific Temper", on 24-02-2014. The seminar was sponsored by KSCSTE and supported by DST. The seminar was started with a welcome speech of Dr. N. Suja, Coordinator of the programme and HOD. Dr. P.C. Aniyankunju, Principal extended a thought provoking presidential address. The programme was inaugurated by Dr. J.G. Ray, Professor and Director, School of Biosciences, M.G. University, Kottayam. Dr. Shibu George extended gratitude to the delegates. In the morning session, Dr. J.G. Ray served as a resource person on the topic "Critical Thinking- the Hall Mark of Science". In the afternoon, Dr. Joe Prasad Mathew, Associate Professor in Zoology, S.B. College, Changanacherry led the technical session on the topic "Challenges on Indian Science in the Decade".

In connection with NSD celebration, an essay writing competition was organized for the college students on the topic "Progress and future prospects of Indian space science". Mr. Nikhil Krishnan, II M. Sc. Physics, Ms. Neethu Krishnan, II B. Sc. Chemistry and Ms. Aiswarya Thomas, I B. Sc. Zoology got I, II and III prizes respectively. Cash award and certificates were distributed at the valedictory function.

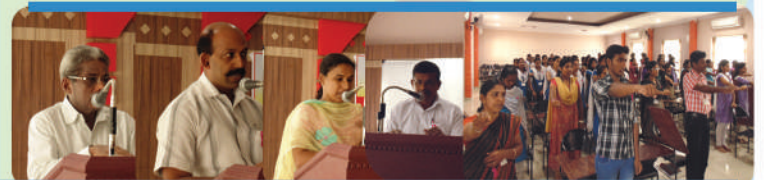
WORLD AIDS DAY

National and International Organizations and Institutions celebrate the 'World Aids Day' on December 1st of every year. In this year, December 1st was on Sunday; hence, the Zoology Association could organize the AIDS Day Celebration on 2nd December in association with Red Ribbon Club and NSS of the College.



Dr. Prema George, Medical Officer, Community Health Centre, Edathua, was the Chief Resource Person. At the outset of the celebration, Dr. Tessa Thomas, President Zoology Association welcomed the delegates. Dr. P C Aniyankunju, Principal delivered the presidential address. Sri. Roy John Jacob (Member, Grama Panchayath, Edathua) and Prof. Jogy Joseph (NSS Programme Officer) proposed the AIDS Day message. The delegates and students are committed to prevent the deadly disease by taking an oath. Prof. Paul Jacob (Coordinator, Red Ribbon Club) was the pacemaker for taking anti-AIDS pledge.

As a part of AIDS Day Celebration, the students published a newsletter on the topic AIDS and the same was distributed to the students of the college as well as to the students of St. Aloysius Higher Secondary School, Edathua. The 2nd volume of Department newsletter "Placenta" was also published and released on the same day by the Chief Guest, Dr. Prema George. After the vote of thanks by Kumari. Priyanka A (I DC), Dr. Prema George conducted an informative talk on AIDS



Zoology Association Inauguration



The activities of the Zoology association for the year 2013-2014 were inaugurated by **Dr. E.K. Radhakrishnan**, Assistant Professor, School of Biosciences, MG University, Kottayam on 29-08-2013.

The programme was started with a welcome speech of Dr. Tessa Thomas (President, Zoology Association) followed by a presidential address by Dr. P.C. Aniyankunju, Principal. Dr. Suja N. (HOD) felicitated the programme and detailed the upcoming activities of the Association. Kumari Arya A. (Secretary) proposed the vote of thanks.

After a short tea break, the chief guest, Dr. E.K. Radhakrishnan led a seminar on "Emerging importance of Microbes".



Seminar on Counseling

In order to develop self esteem and confidence, a half day lecture was organized on the topic 'human mind and its control over body' on 30-10-2013.

College Counselor, Rev. Fr. Sunny Mathew S.J. was the resource person.

Celebrations



Teacher's Day

Under the leadership of Zoology Association, observance of 'Teachers day' was made on 05-09-2013. Dr. N. Suja (HOD) gave an opening message. Prof. Joseph C. Edward, Dr. N.Suja, Dr. Shibu George, Dr. Tessa Thomas, Ms. Jinumol K. Xavier and Ms. Renjani Prasad were honored in the programme.



This year, Onam celebrations have been organized on 13-09-2013. The whole college community participated in various competitions including 'Athapookkalam'. Our students participated in all the items and they bagged 1st prize in the "Onappattu" competition.



To welcome the New Year-2014, students organized New Year Celebrations on 01-01-2014. Dr. N Suja (HOD), Dr. Shibu George and Dr. Tessa Thomas extended New Year wishes to students.

Christmas



On the closing day for Christmas Vacation (20-12-2013), the Department has organized 'X' mas celebrations. Prof. Joseph C. Edward, Dr. N.Suja, Dr. Shibu George and Dr. Tessa Thomas conveyed Christmas message and wishes. As a symbolic representation of peace and love, cake pieces were given to the students.



Sports Day

The College Sports Day was celebrated on 11-02-2014 and all the Departments have participated enthusiastically in various events with a sports man spirit. Our students also participated in various events and got the following prizes.

- Anandu Subash (I B.Sc.) - **1st Prize** for 800 m. race-men.
- Anandu Subash (I B.Sc.) - **1st Prize** for Javelin throw
- Vishnu V (II B.Sc) - **1st Prize** for Hammer throw
- Our girl students got **Overall Championship** for Cricket match (Women's category) and **2nd prize** for girls relay (4x100 m).



Faculty Corner

Permanent Faculty **Faculty Members**

Guest Faculty



Dr. N Suja (HOD)
M.F.Sc., Ph.D.



Dr. Shibu George
M.Sc., Ph.D., B.Ed.



Dr. Tessa Thomas
M.Sc., Ph.D., B.Ed.



Prof. Joseph C. Edward
(Former HOD)
M.Sc., B.Ed



Ms. Jinumol K. Xavier
M.Sc., B.Ed



Ms. Renjini Prasad
M.Sc., B.Ed



MS. Parvathy M.S.
M.Sc., B.Ed.

Faculty Achievements

PUBLICATIONS

Research Papers

Dr. N Suja (Full Paper)

1. N. Suja (2013). Enhancement of growth and maturity in gold fish *C. auratus* by a supplementary feed incorporated with earthworm (*Amyntas sp.*). *International Journal of Basic and Applied Biology* 7(3): 177-179.

2. N. Suja and K.S. Mohamed (2014). Use of minimum legal size in managing black clam (*Villorita cyprinoides*) fishery in India. *International Journal of Aquatic Biology*, 1(6): 33-40.

3. N. Suja (2014). Effect of probiotic bacterium supplemented feed on survival and growth of fry of two ornamental fishes. *Proceedings of the 26th Kerala Science Congress (In Press)*.

Dr. N Suja (Abstract)

1. N. Suja (2013). Enhancement of growth and maturity in gold fish *C. auratus* by a supplementary feed incorporated with earthworm (*Amyntas sp.*). Book of abstracts, International seminar on Advances in Aquaculture Technologies (ISAAT- 2013), 18-19 July, Department of Zoology, All Saints College, Trivandrum. p. 177.

2. N. Suja (2014). Effect of probiotic bacterium supplemented feed on survival and growth of fry of two ornamental fishes. Book of abstracts, of the 26th Kerala Science Congress, 28-31 January, Conference of Kerala Science Congress, Wayanad p. 143.

Dr. Shibu George

1. Antimicrobial and powder microscopy of the flowers of *Tabernaemontana divaricata* R.Br. *Indo American Journal of Pharmaceutical Research*. 2014; 4 (03): 1601-1605. **(Impact Factor (2014) - 1.25)**

Popular Articles

Dr. Shibu George

1. Pakarcha Pani Nalkunna Munnariyippu. *Deepika News Paper*; June 12th, 2013, pp: 8

2. Kalathinte Adayalanganilinnu Vivechichariyuka. *Moolyasruthi- Chavara Cultural Centre Publication*. July, 2013, pp: 19-22.

Seminars/ Conferences Attended & Paper Presented

Dr. N. Suja

1. Participated one month orientation programme from June 6 to July 3, 2013 at Academic Staff College, Karyavattom, Trivandrum.

2. Attended and presented a paper in International seminar on Advances in Aquaculture Technologies - ISAAT 2013 organized by The Department of Zoology, All Saints College, Trivandrum, 18 to 19 July 2013. The title of the paper was "Enhancement of growth and maturity in Gold fish *Carassius auratus* by a supplementary feed incorporated with earthworm (*Amyntas sp.*).

3. Attended and presented a paper on "Science of Fisheries - Towards the Public" in connection with the inauguration of Kerala State Council for Science, Technology and Environment (KSCSTE) sponsored Science

Popularisation Programme on 24-10-2013 at St. Aloysius College, Edathua.

4. Attended and presented a paper in International seminar on Research Methodology and Scientific Writing, jointly organized by Confederation of Epidemiological Association, Nepal and School of Behavioural Sciences, MG University, 20 to 22 December, 2013. The title of the paper was "Assessment of heavy metal pollution of black clam *Villorita cyprinoides* from Kuttanad back waters".

5. Attended an orientation programme on "Junior Teachers- A better Take off in Higher Education" organized by IQAC of St. Aloysius College, Edathua on 04-01-2014.

6. Participated and presented a paper in 28th Kerala Science Congress held at Veterinary University, Pookkod, Kalpetta, Wayanad organized by KSCSTE, 28 to 31 January 2014. The title of the paper was "Effects of probiotic bacterium supplemented feed on survival and growth of two ornamental fishes".

7. Participated and presented the progress of KSCSTE sponsored Science Popularisation Programme *Science of Fisheries- Towards the Public* in Review Meeting of Science Popularization Committee organized by Kerala State Council for Science, Technology and Environment, Trivandrum, India, on 29-04-2014.

Dr. Shibu George

1. UGC Sponsored Refresher Course in Life Sciences (Inter-Disciplinary) conducted by the UGC Academic Staff College, University of Kerala, Kariavattom from 19-07-2013 to 08-08-2013.

2. UGC Sponsored National Seminar on "Invertebrate Taxonomy- Current Trends & Future Prospects" organized by the Department of Zoology, Nirmala College, Muvattupuzha on 12-11-2013 & 13-11-2013.

3. KSCSTE Sponsored seminar on "Energy Conservation and Waste Management in Domestic Sector" organized by the Aloysian Study Centre on Kuttanad, St. Aloysius College, Edathua on 16-11-2013.

4. Orientation programme on "Junior Teachers- A better Take off in Higher Education" organized by IQAC of St. Aloysius College, Edathua on 04-01-2014.

5. KSCSTE sponsored seminar on "Fostering Scientific Temper" organized by The Department of Zoology, St. Aloysius College, Edathua on 24-02-2014 in connection with the National Science Day 2014.

Dr. Tessa Thomas

1. UGC Sponsored National Seminar on "Invertebrate Taxonomy- Current Trends & Future Prospects" organized by the Department of Zoology, Nirmala College, Muvattupuzha on 12-11-2013 & 13-11-2013. Presented a paper on "Larval development of *C. natarajani* (Decapoda: Atyidae).

2. KSCSTE Sponsored seminar on "Energy Conservation and Waste Management in Domestic Sector" organized by the Aloysian Study Centre on Kuttanad, St. Aloysius College, Edathua on 16-11-2013.

3. Orientation programme on "Junior Teachers- A better Take off in Higher Education" organized by IQAC of St. Aloysius College, Edathua on 4-1-2014.

4. KSCSTE sponsored seminar on "Fostering Scientific Temper" organized by The Department of Zoology, St. Aloysius

College, Edathua on 24-2-2014 in connection with the National Science Day 2014.

Programmes co-ordinated

Dr. N Suja

1. Organized a seminar on "Plastic and Environmental Issues" to the I B.Sc students of the College on 27-07-2013.

2. Organized a competition on "Ecofriendly products manufacture" in connection with the World Ozone Day on 11-09-2013.

3. Organized inaugural ceremony and seminar in connection with the Science Popularisation Programme "Science of Fisheries-towards the public" on 24-10-2013.

4. Organized KSCSTE funded One day Women Awareness programme on "Energy conservation and waste management in domestic sector" on 16-11-2013.

5. Organized KSCSTE sponsored National Science Day celebrations on 24-02-2014 with focal theme 'Fostering Scientific Temper'.

6. Conducted Mega Quiz Final competition organized by Quiz Club of St. Aloysius College, Edathua on 28-02-2014.

Dr. Shibu George

1. Coordinated one day seminar on "Emerging Understandings on Microbes" in connection with the inauguration of Zoology Association Activities for the year 2103-14 on 29-08-2013. Dr. Radhakrishnan E.K., Assistant Professor, School of Biosciences, M.G. University, Kottayam was the resource person.

2. Co-ordinated AIDS Day Celebrations on 2nd December in association with Red Ribbon Club and NSS of the College.

Funds received for Extension and Research activities

Dr. N Suja

1. Rs.1.8 Lakhs from KSCSTE on Science Popularisation Programme on "Science of Fisheries- Towards the Public".

2. Rs.1.20 Lakhs from UGC on minor research project "Ecobiology of black clam *Villorita cyprinoides* from Kuttanad waters of Alappuzha District".

3. Rs.35000 from KSCSTE for conducting one day women awareness programme "Energy conservation and waste management in domestic sector".

4. Rs.2000 from KSCSTE for conducting National Science Day celebrations with focal theme "Fostering scientific temper".

Subject Expert/ Resource person

Dr. N Suja

1. Served as subject expert in selection of High School Assistant (Natural Science) by Kerala Public Service Commission

2. Resource person of Fish Farmers Development Agency, Govt. of Kerala in giving training to fish farmers

STUDENTS' CORNER

SEMINARS ATTENDED/ PRESENTED

1. II B. Sc. students attended a seminar on "Fish farming" at Community hall, Edathua organized by the Department of Fisheries, Govt. of Kerala on 22-07-2013. Dr. N. Suja and Ms. Renjani Prasad accompanied them.

2. I B. Sc. students attended a seminar on "Plastic and Environmental Issues" organized by the Ntaure and Energy club of the college on 27-07-2013. Shri R. Venugopal, District Co-ordinator, Suchitva Mission, Alappuzha was the resource person.

3. I B. Sc. students participated in a demonstration class on fresh water aquarium setting organized by the Department on 17-08-2013. The class was taken by Shri. Antony of Appoos Aquarium, Karumady.



4. All the students of the Department participated in an extension programme organized by the Department of Fisheries on "Matsyasamrudhi" programme in releasing 3 lakhs fish seeds in Pamba river on 19-11-2013.



5. Ms. Arya Krishnan, II B. SC. and Ms. Sreeresmi, I. B. SC. participated in intercollegiate power point presentation competition "Voyage 2014" on 26-11-2013, organized by the

Department of Zoology, Assumption College, Changanacherry on the topic " Conservation of potable water- Prospects and Challenges".

6. Ms. Arya Krishnan of II B. Sc. participated in an All Kerala Intercollegiate Elocution Competition held at Assumption College, Changanacherry on the topic " An analysis of Kasthoorirengan report" on 11-12-2013.

7. Ms. Sangeetha Vijayan and Ms. Sangeetha C. G. of III B. Sc. and Ms. Noufiya A. and Ms. Greeshma Raj of II B. Sc. participated in T. A. Thomas intercollegiate quiz competition on life sciences organized by the Department of Zoology, SB College, Changanacherry on 17-12-2013.

8. Ms. Arya Krishnan A. participated three days camp on Media Activities organized by The Malayala Manorama at KarmaSadan, Alappuzha on 27th to 29th December 2013.

9. Ms. Noufiya A. and Ms. Greeshma Raj of II B. Sc. participated in an intercollegiate quiz competition organized by SBT at SBT zonal office, Kollam on 12-01-2014.

10. Prof. Bill Sheils and Prof. Sarah Sheils from University of York, UK visited the campus on 10-01-2014 and our students, Ms. Lakshmi Chandran of III B. Sc., Ms. Arya Krishnan and Ms. Rajasree R. of II B. Sc. and Ms. Aiswarya Thomas and Ms. Parvathy M. B. of I B. Sc. got an opportunity to interact with them.

11. Ms. Greeshma Raj and Ms. Noufiya A. participated in an intercollegiate quiz competition organized by Christu Jyothi College of Management and Technology, Changanacherry on 30-01-2014.

ACHIEVEMENTS/ AWARDS/PRIZES

1. Ms. Veethu Das of II B. SC. has bagged second prizes for swimming competitions such as 200 m back stroke, 4X200 m free style relay and 4X100 m free style relay and she also got third prize in 50 m back stroke in the intercollegiate swimming competition of the MG University held at Thiruvananthapuram from 30-09-2013 to 1-10-2013.

2. Ms. Jomol George and Ms. Sreeresmi of I B. Sc. got II and III prize in cover designing and film review writing competition conducted by the Department of English on 27-11-2013.

3. Ms. Noufiya A. and Ms. Greeshma Raj, II B. SC. got II prize in the interdepartmental quiz competition conducted by the Quiz Club of the College on 28-11-2013.

4. Ms. Anjali P. Nair, III B. Sc. got III prize in essay writing competition conducted by Sky Up team of St. Aloysius College, Edathua on 02-12-2013.

5. Ms. Krishnapriya S. and Ms. Arya Retnakaran of I B. Sc. got bronze medal in M.G. University Taekwondo competition under 45 Kg and under 47 Kg category respectively on 09-12-2013.

6. Ms. Veethu Das of II B. Sc. got Shri P. T. Chacko foundation award for best swimming champion in MG University on 03-01-2014.

7. Eight students participated in various competitions of Intercollegiate Emerald Quest organized by K. G. College, Pampady. Ms. Noufiya A. of II B. Sc. got II prize in Caption writing and Ms. Sangeetha C. G. of II B. Sc. and Ms. Noufiya A. of II B. Sc. got III prize in quiz competition on 04-01-2014.

8. Ms. Greeshma Raj of II B. Sc. got II prize in interdepartmental essay writing competition organized by the Department of Oriental Languages of the College on 06-01-2014.

9. Ms. Arya Krishnan of II B. Sc. won third prize in Adv. Vinod Kumar memorial intercollegiate debate competition held at St. Aloysius College, Edathua on 16-01-2014.

scientific information by our students. Volume II of the department newsletter "Placenta" was published with highlights of activities during the academic year 2012-13.

I sincerely hope that the progress and achievements will inspire the "Zoologists" to advance and contribute immensely towards an improved academic scenario. I am confident that in the coming years we will see a continuance of growth and excellence in our department. I would like to express my compliments to all my colleagues and students for the credible work. We, the students and faculty of the department together, acknowledge each and every member of Aloysian family for their constructive support and pleasant cooperation.

I hope you will enjoy reading our newsletter and learning about all the wonderful things that our students and faculty are doing.



Looking back to the academic year 2013-2014 Continued from page 1

First time in the college, the department was funded for Science Popularisation Programme "Science of Fisheries-towards the Public" from Kerala State Council for Science, Technology and Environment, Trivandrum.

The department was also funded with a minor research project from UGC.

The academic year 2013-14 witnessed variety of activities conducted by our students and faculty. The students attended 15 seminars organized by the department as well as other institutions. There were exciting and informative study tours to various places such as Biodiversity hotspots of Vagamon, Regional Agricultural Research Station, Kumarakom, Central Marine Fisheries Research Institute, Cochin, Neendakara fisheries harbor, fin fish and shell fish hatchery and farms at Alappuzha. The students of batch 2013-16 successfully completed On the Job Training (OJT) programme of 15 days duration at Govt. Fish farm, Pallom, Kottayam. Our students participated and bagged many prizes in various curricular and extracurricular activities organized by the college and other institutions. They proved their talents in cultural competitions and sports events. Took part and got prizes in scientific presentations using power point, quiz and debate competitions.

The department faculty could attend many seminars, orientation courses, refresher courses and workshops. During 2013-14, the faculty contributed to the world of science by publishing a total of 12 research papers in international and national journals and proceedings. The faculty could also present various research findings in national and international seminars. The department could organize four funded programmes, seminars and competitions. Volume II and III of the newsletter "BioInforma" were launched during last academic year. The newsletter gives thought provoking

Books Edited/ Editorial Activity

Dr. N Suja

A handbook on Clam Farming. Department of Fisheries, Govt. of Kerala Publ. 2014. (In Press).

Dr. Shibu George

1. Editor of Department Newsletter, "The Placenta".
2. Advisor of Students' Newsletter, "Bio Informa".
3. Staff Advisor, Manuscript Magazine-IMAGO.



Please write your valuable comments and suggestions to the following address

The Editor, Placenta
 Department of Zoology
 St. Aloysius college, Edathua
 E-mail: sac.zoology@yahoo.co.in

ON THE JOB TRAINING (OJT) PROGRAMME



As a part of the Model -II syllabus, our students attended and successfully completed "On the Job Training" (OJT) programme organized by the Department of Fisheries, Govt. of Kerala at Govt. Model Fish Farm, Pallom, Kottayam from 02-05-2014 to 17-05-2014.



FIELD TRIPS



To study fish nutrition, II B. Sc. Zoology students visited Regional Agricultural Research Station (RARS), Kumarakom on 06-12-2013. Dr. N. Suja, Prof. Joseph C. Edward and Ms. Ranjani Prasad guided them. At the RARS, a seminar was organized for the student on "The importance of feed in aquaculture". Dr. Santhosh Kumar N. K., Research Associate of RARS was the resource person.



I B. SC. students visited Travancore shrimp hatchery, Thottappally and Pamba Fish hatchery, Alappuzha on 29-10-2013. Prof. Joseph C. Edward (former HOD) and DR. N. Suja (HOD) accompanied them.

III B. Sc. students visited to The Central Marine Fisheries Research Institute, Cochin on 30-01-2014. Dr. N. Suja and Prof. Joseph C. Edward accompanied them.



To study biodiversity rich land, I B.Sc students visited to Vagamon, an important 'hot spot' of the Kottayam District on 07-02-2014. Prof. Joseph C. Edward, Dr. Shibu George, Dr. Tessa Thomas and Ms. Jinumol K. Xavier accompanied them. On the way to Vagamon, students visited the Holy Place, Bharananganam and spend some time at the tomb of St. Alphonsa.



A study tour was conducted to the students of II semester to Neendakara Fisheries Harbour, Kollam on 28-03-2014. They were accompanied by Prof. Joseph Edward, Dr N. Suja and Ms. N. S. Parvathy. The students got exposure on various fishing methods, identification of fin fishes and shell fishes. They also visited Chitin and Chitosan factory of Matsyafed at Neendakara, Kollam on the same day.

Bioinforma



'Bio Informa' is a students' publication which focuses current issues on health and environment. It is published with a frequency of one or twice a year by the Zoology Association, under the guidance of Dr. Shibu George. Its circulation is not only within the College campus but also to the neighboring Higher Secondary Schools. By this time, the newsletter got wide acceptance and appreciation by the College community and public.

This year, the 2nd volume of 'Bio Informa' was released on 19-07-2013. This issue was focused on the most relevant topic – "Dengue fever". About 1000 copies

of the newsletter were distributed among the college students. Sangeetha Vijayan, Anjali P Nair and Lakshmi Chandran R were the student editors.

3rd volume of the student's newsletter, "Bio Informa" was a special issue on 'AIDS'. The newsletter focused on the etiology, symptomology and epidemiology of the AIDS and is written in a lucid language that could be comprehensive to the arts and science students, rather than a biology student. It was distributed to the students of our college as well as to the students of St. Aloysius Higher Secondary School, Edathua. Sri. Joseph K Nelluvelil, Principal, St. Aloysius H.S.S., Edathua, released the first copy for the distribution in School.

VALEDICTORY FUNCTION OF ZOOLOGY ASSOCIATION

Valedictory function of Zoology Association was organized on 03-03-2014. The function was begun with a welcome speech of Dr. Tessa Thomas, President, Zoology Association. The retiring Laboratory attender Sri. Georgekutty John was honored for his meritorious service in the function. Dr. P. C. Aniyankunju (Principal), Dr. Suja N (HOD) and Zoology Association secretary Kumari. Arya A. extended felicitations to Sri. Georgekutty John. Various awards were given to students. Ms. Sangeetha C. G of III B. Sc, Ms. Athira S. of II B. Sc and Ms. Arathi T. R. of I B. Sc. received trophies for scoring 100% attendance during the academic year 2013-14. Ms. Silpa S. of III B. Sc., Ms. Reshma Soman of II . B. Sc. and Ms. Jomol George of I B.Sc. won the cash awards under the category 'students with academic excellence but with financial crisis'.



SCHOLARSHIP WINNERS

OUTGOING BATCH - III B.Sc. ZOOLOGY (2011-2014)

