



AWARENESS AND FAMILIARIZATION PROGRAMME BASED ON PBR 2013-14 REPORT



KERALA STATE BIODIVERSITY BOARD
L-14, Jai Nagar, Medical College P.O
Thiruvananthapuram-695011
Phone: 0471-2554740 Fax-0471-2448234



ACKNOWLEDGEMENT

PROJECT IS FUNDED BY NATIONAL BIODIVERSITY AUTHORITY, CHENNAI

Report on

**AWARENESS AND FAMILIARIZATION ON
BIODIVERSITY CONSERVATION AND
SUSTAINABLE USE BASED ON PEOPLE'S
BIODIVERSITY REGISTER**

2013 - 2014



KERALA STATE BIODIVERSITY BOARD

L-14, Jai Nagar, Medical College (P.O), Thiruvananthapuram – 695 011
Tele fax: 0471-2448234; Ph: 0471-2559134; Mobile: 9846921737
E-mail: keralabiodiversity@gmail.com; Website: www.keralabiodiversity.org

CONTENTS

PROJECT SUMMARY

PROJECT IMPLEMENTATION SECTION I.

SENSITIZATION AND ORIENTATION PROGRAMMES

PROJECT IMPLEMENTATION SECTION II.

BIODIVERSITY AWARENESS CLASSES

PROJECT IMPLEMENTATION SECTION III

ENRICHMENT OF PBR

PROJECT SUMMARY

Project duration	: 2013 – 2014
Project Budget	: Rs 25 Lakh
Funding Agency	: National Biodiversity Authority (NBA), Chennai

Human Resource for the Project

Senior Programme co-ordinator	: 1
Assistant Programme co-ordinator	: 1
Project Fellows	: 4

Operational Area :

- ☞ The project was implemented in five districts: Thiruvananthapuram, Kollam, Ernakulum, Malappuram and Wayanad.
- ☞ In each district five Grama panchayats were selected @ 200 students per Grama panchayat

Beneficiaries

- ☞ The project involved a total of 5000 students in the state spread over 25 Grama panchayats and 28 schools.

Activities

- ✓ Training for stakeholders
- ✓ Orientation programme organized in 25 gramapanchayats
- ✓ District level meeting of Teacher Co-ordinators conducted in five districts
- ✓ Training to student volunteers for PBR data collection conducted in 28 schools.
- ✓ Biodiversity clubs constituted in 28 schools

Total 173 Biodiversity awareness classes conducted at 28 schools

Total 500 man hrs of Resource Persons engaged

Activities undertaken by Biodiversity Club

- Field study and Biodiversity data collection by students of biodiversity club
- Honoring farmers
- Conservation programmes such as establishment of Butterfly garden, medicinal plants garden, vegetable garden, planting indigenous species etc.
- Poster presentations and documentary presentations
- Celebrations of commemorative days

Deliverables

- ◆ A handbook on Awareness and Familiarization on Biodiversity Conservation and Sustainable use based on PBR.
- ◆ Data for updation of PBR in respective Grama panchayats in consolidated format.

INTRODUCTION

In response to the declaration of UNESCO "Education for sustainable development", Kerala State Biodiversity Board proposed the project entitled Awareness and familiarization on biodiversity conservation and sustainable use based on PBR to school children (class VII to XII) and it was approved and sanctioned as a pilot project during 2013-'14 by the National Biodiversity Authority as per order F.No. NBA/ 10/03/Pro/13-14/ 2893 dt.6th Sept. 2013. We envisage the project in such a manner to consider the PBR as a 'Text book' and the Grama Panchayat as 'class room'. Awareness programmes on local biodiversity were conducted for the school children from each of the Grama Panchayat .

Aims and Objectives

The primary work on biodiversity conservation and its sustainable use is mandated by the preparation of People's Biodiversity Register (PBR) at local self government level. (Biological diversity Rules, 2004- Sec. 22 (6): Kerala Biological Diversity Rules, 2008- Sec. 20 (7).)The main objectives of the present project are:

- i. To impart awareness among school children (Std. VII to XII) on biodiversity conservation.
- ii. To make the students aware of the need for sustainable use of bio resources.
- iii. To develop responsible and mature behavior among children towards environmental issues and sustainable use of our natural resources.

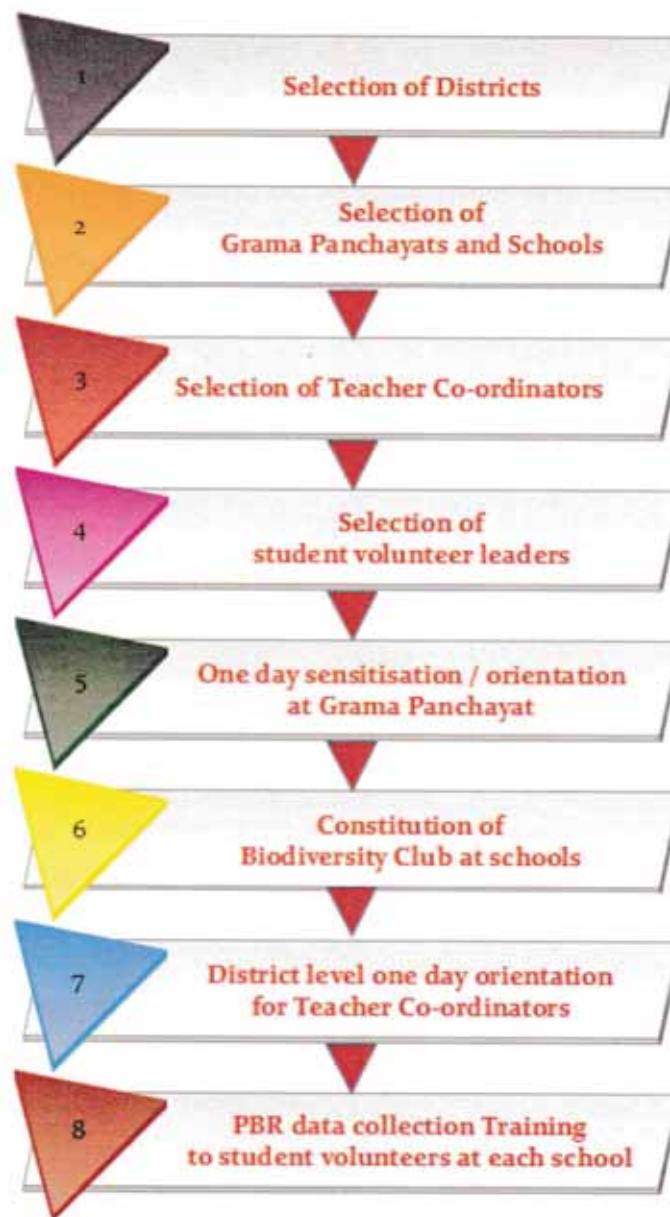
This programme on biodiversity education is in line with the strategies and action plan of Kerala State Biodiversity Board (KSBB) and also of the 12th Five Year Plan of the Planning Commission of India.

The Processes of Implementation of the Project

In the beginning, five districts, representing southern, middle and northern parts of Kerala have been selected for the implementation of this pilot project. The districts selected are, from the south, Thiruvananthapuram, Kollam, and Ernakulum from the north Malappuram and Wayanad. The implementation of the project involves the following stages.

I. Sensitization of the programme

A meeting of the District Co-ordinators and Project fellows of the five districts selected was convened on 9th Oct. 2013 at the head Office of KSBB. The process of implementation was discussed in detail and it was finally decided to operate the programme in two directions to benefit the student community.



A flow chart of the steps taken for the first phase of the project

i. Enrichment of PBR by student participation

In the first instance the students will be familiarised with the PBR and its contents. After appropriate training the student volunteers will be engaged in biodiversity data collection from their own Grama Panchayat area during mid-summer vacation to enrich the content of PBR.

ii. Imparting Awareness through Lectures and Discussions

On reopening of the schools after midsummer vacation suitable lectures will be arranged to students to cover the topics on biodiversity conservation and related topics proposed in the syllabus already made for the purpose. Resource persons in respective field will be engaged for the classes. The whole programme will be completed by 31st August 2014 and during Sept. 2014 an evaluation process will be conducted to assess the success of the programme.

II. Selection of Grama Panchayat and schools.

The District Co-ordinators of the Board were given the choice of convenient Grama Panchayat for the implementation of the project. They selected five Grama Panchayats each from five districts to make a total of 25 Grama Panchayats. Schools of Govt. and Aided sectors of each GP were included in the programme. A total of 27 schools participated in the project as shown below.

III. Constitution of Biodiversity Clubs, Selection of Teacher Co-ordinators and Student volunteer leaders

Steps have been taken to constitute Biodiversity Clubs in all the schools selected for the implementation of the project with one teaching staff nominated as Teacher Co-ordinator by the Head of the institution. The Teacher Co-ordinator will supervise and control the different project activities in the school. The Biodiversity Club will have an executive committee with not less than 50 student members and the Head of the institution as patron.

Twenty student volunteer leaders are selected by the Teacher Co-ordinator from each school to assist the teacher in the smooth conduct of various activities. Each student leader shall enroll nine member students in his or her group making a total of (10x20) 200 student volunteers in a school. These 200 students are the target group in a school or Grama Panchayat. Thus it makes 1000 students in District from five Grama Panchayats. From five Districts a grand total of 5000 students are directly participating in the project. Thus the background has been made ready for the implementation of the programme.

PROJECT IMPLEMENTATION—SECTION I

Sensitization and orientation programmes

I. State level launching of the Project

State level launching and inauguration of the project was held at Govt. Higher Secondary School, Peruvallloor, Malappuram district on 26th January 2014 by Hon. Minister for Education Sri. P.K. Abdu Rub. The function was presided over by the local MLA Sri. K.N.A. Khader. The function was organised by Kerala State Biodiversity Board with the active participation of the BMC, Peruvallloor Grama Panchayat. Sri. Dr. M.K. Muneer, Hon. Minister for Panchayat and Social welfare, officially released the PBR prepared by Peruvallloor GP, in this function. Kerala State Biodiversity Chairman, Prof. Dr. Oommen, V. Oommen explained the details of Awareness and Familiarization Project giving emphasis on the present scenario of biodiversity and the need for its conservation and sustainable use.

II. Grama Panchayat level sensitisation and orientation programme

One day orientation programme was organised in each of the 25 Grama Panchayats under the leadership of the concerned BMCs. All BMC members, Ward members of the GP, Student volunteer leaders (20 Nos), Teacher co-ordinator(s), representatives of Parent Teacher Association of the School, NGO representatives, Head Master/ Principal of the school, Agricultural Officer of the GP, District Co-ordinator and Project Fellows (PBR) participated in this meeting. Aims and objectives of the project were presented in the programme and appreciated by the participants. PBR of the GP, its content, enrichment of PBR by student participation, biodiversity conservation and sustainable use etc. were the topics discussed in the programme. A good orientation on the above mentioned topics were given by staffs from KSBB. Sr. Programme co-ordinator of the project, Asst. Co-ordinator and Project Fellows organised this orientation programme in all the selected 25 Grama Panchayat of the five districts. (Ref. Consolidated data appended).

III. District level meeting of Teacher Co-ordinators

A meeting of all the Teacher Co-ordinators in each district was held to explain what the teachers must do for the successful implementation of the project at schools. A brief account of PBR, its data collection process, how the students are to be engaged in data collection and the manner of arrangement of lectures in the schools were discussed. Finally Teacher Co-ordinators were told to arrange one day training programme before 31st March 2014 for student volunteers to train them for biodiversity data collection.

IV. One day training to student volunteers for PBR data collection

In all selected schools one day training was arranged to train the student volunteers in data collection process. Simplified formats have been prepared for the purpose and distributed to them. They were taught how to collect biodiversity information on agro biodiversity, homestead biodiversity and wild biodiversity from their surrounding area. The importance of collection of Traditional Knowledge from older generations is said to be imperative. The list of species already included in the PBR were prepared and distrib-

List of schools selected for the implementation of the project

Sl. No.	Name of Grama Panchayat	Sl. No.	Name of participating School	Name of Teacher Co-ordinator
I Thiruvananthapuram District				
1	Pallichal	1.	Victory Govt. Boys' Vocational Higher Secondary School, Nemom	Smt. Indu, P
		2.	Victory Govt. Girls' Vocational Higher Secondary school	Smt. Resmi, I.K.
2.	Maranalloor	3.	Govt. High School, Kandala	Sri.Mahendra Kumar, P.
3.	Kattakkada	4.	Govt. HSS, Kulathummal	Smt. Vasantha, T.
4.	Vellanad	5.	Govt. HSS, Vellanad	Smt. Aparna, S.
5.	Anad	6	Sree Narayana HSS, Anad	Smt. Soumya Gopinath
II Kollam District				
1	Sasthamkotta	1.	Govt. HSS, Sasthamkotta	Sri. Joy, T
2.	Poruvazhy	2.	JJVHSS, Poruvazhy	Smt. Rani, L.
3.	Thazhava	3.	GGHSS, Thazhava	Smt. Manju, K.
4.	Kunnathur	4.	VGSSAHSS, Nedyavila	Smt. Syama
5.	West Kallada	5.	Govt. HSS, West Kallada	Sri. Santhosh Kumar, S.
III Ernakulam District				
1	Valakom	1.	Mar Stephen's VHSS, Valakom	Sri. Eldo Kuriakose
2.	Okkal	2.	Sree Narayana HSS, Okkal	Smt. P.K.Sindu
3.	Pampakkuda	3.	Govt. HSS, Pampakkuda	Smt. K.K. Santhamma
4.	Mulanthuruthy	4.	Govt. HSS, Mulanthuruthy	Smt. Asha Anna George
5.	Chottanikkara	5.	Govt. VHSS, Chottanikkara	Smt. Ambily, M.S.
IV Malappuram District				
1	Vettom	1.	Govt. HS, Paravanna	Smt. Jayasree, K.
2.	Pookkottur	2.	Govt. HSS, Pookkottur	Sri. Muhammed Salim, M
3.	Elamkulam	3.	UPS, Cherukara	Sri. C. Vijayakumar
		4.	HSS, Kunnakavu	Sri. Abdul Ali, N.
4.	Peruvalloor	5	Govt. HSS, Peruvalloor	Smt. Nisha, C.
5.	Cheekode	6.	Govt. VHSS, Omanoor	Sri. Muhammed Kutty, U
V Waynad District				
1	Thavinjal	1.	Govt. HSS, Valat	Sri. V.C. Prasanthan
2.	Vythiri	2.	Govt. HSS, Vythiri	Sri. C.Jayarajan
3.	Kaniyambetta	3.	Govt. HSS, Kaniyambetta	Smt. Kochthresia, M.P.
4.	Edavaka	4.	St. Stephen's HSS, Kallody	Sri. Suneesh, P.Jose
5.	Noolpuzha	5.	Govt. HSS, Kalloor	Sri. Joseph K.V.
		6.	Govt. HSS, Mathamangalam	Sri. Muhammad Unais N.A.

Thus a total of 25 Grama Panchayats and 28 Schools are selected for the implementation of the project.



Launching of Awareness and Familiarization Project at Govt HSS, Peruvalloor, Malappuram district. Shri. P.K Abdu Rub, Hon. Minister for Education, Govt of Kerala, Dr. MK Muneer, Hon. Minister for Panchayath and Social welfare, Govt of Kerala, Dr. Oommen V. Oommen, Chairman Kerala State Biodiversity Board, Shri. KNA Khader MLA and other dignitaries are present



Inauguration of Awareness & Familiarization programme based on PBR by Shri.PK. Abdu Rub, Hon: Minister for Education, Govt of Kerala at Govt HSS, Peruvalloor, Malappuram district. Dr. MK Muneer, Hon. Minister for Panchayath and Social welfare, Govt of Kerala, Dr. Oommen V. Oommen, Chairman Kerala State Biodiversity Board, Shri. KNA Khader , MLA and other dignitaries are present



Releasig PBR of Peruvalloor Grama panchayath by Dr.MK Muneer, Hon: Minister for Panchayath and Social welfare ,Govt of Kerala in presence of Shri. PK Abdu Rub, Hon Minister fo education, Govt of Kerala and Sri. K.N.A. Khader, MLA



View of audience and participants



One day orientation programme at Mulanthuruthi Grama Panchayath, Ernakulam district.



One day orientation programme at Anadu Grama Panchayath, Trivandrum district.



One day orientation programme at Thavinjal Grama Panchayath, Wayanad district.



One day orientation programme at Cheekodu Grama Panchayath, Malappuram district.



One day orientation programme at Kunnathoor Grama Panchayath, Kollam district.



One day orientation programme to BMC members at Peruvalloor Grama Panchayath, Malappuram district.



One day orientation to BMC members, Teacher co-ordinators and students volunteers at Sasthamkotta GP, Kollam district



One day orientation to BMC, Students volunteers and Teacher Co-ordinators at Thazhava GP, Kollam Dt.

Consolidated Statement of Ist phase activities in different schools

Thiruvananthapuram District

Sl. No.	Name of Grama Panchayat	Date of Sensitisation / Orientation at Grama Panchayat	Name and Address of schools selected	Date and Place of District level meeting of Teacher Co-ordinators	Date of PBR data collection training to student volunteers
1.	Pallichal	28-11-'13	1. Victory Govt. Boys' Vocational Higher Secondary School, Nemom 2. Victory Govt. Girls' Vocational Higher Secondary school	04-02-2014 Govt. Higher Secondary School, Kulathummel, Kattakkada	07-02-2014 Victory Govt. HSS, Nemom
2.	Maranalloor		3. Govt. High School, Kandala		05-03-2014 Govt. High School, Kandala
3.	Kattakkada		4. Govt. HSS, Kulathummel		28-02-2014 Govt. HSS, Kulathummel
4.	Vellanad		5. Govt. HSS, Vellanad		21-02-2014 Govt. HSS, Vellanad
5.	Anad		6. Sree Narayana HSS, Anad		08-03-2014 SNVHSS, Anad

Kollam District

Sl. No.	Name of Grama Panchayat	Date of Sensitisation / Orientation at Grama Panchayat	Name and Address of schools selected	Date and Place of District level meeting of Teacher Co-ordinators	Date of PBR data collection training to student volunteers
1	Sasthamkotta	06-12-2013	1. Govt. HSS, Sasthamkotta	30-01-'14 Govt. HSS, Sasthamkotta	24-03-'14
2	Poruvazhy	20-01-2014	2. JJVHSS, Poruvazhy		29-03-'14
3	Thazhava	13-01-2014	3. GGHSS, Thazhava		26-02-'14
4	Kunnathur	02-01-2014	4. VGSSAHSS, Nediyaivila		22-02-'14
5	West Kallada	31-12-2013	5. Govt. HSS, West kallada		02-04-'14

Ernakulam District

Sl. No.	Name of Grama Panchayat	Date of Sensitisation / Orientation at Grama Panchayat	Name and Address of schools selected	Date and Place of District level meeting of Teacher Co-ordinators	Date of PBR data collection training to student volunteers
1	Valakom	30-12-2013	1. Mar Stephen's VHSS, Valakom	07-02-'14 Sree Narayana Teachers' Training College, Okkal, Perumbavoor	28-02-2014
2	Okkal	31-12-2013	2. SreeNarayana HSS, Okkal		30-03-2014
3	Pampakkuda	01-01-2014	3. Govt.HSS, Pampakkuda		28-03-2014
4	Mulanthuruthy	03-01-2014	4. Govt.HSS, Mulanthuruthy		30-03-2014
5	Chottanikkara	03-01-2014	5. Govt.VHSS, Chottanikkara		27-03-2014

Malappuram District

Sl. No.	Name of Grama Panchayat	Date of Sensitisation / Orientation at Grama Panchayat	Name and Address of schools selected	Date and Place of District level meeting of Teacher Co-ordinators	Date of PBR data collection training to student volunteers
1	Vettom	31-12-2013	1. Govt.HS, Paravanna	13-02-'14 District Panchayath Hall, Malappuram.	28-03-2014
2	Pookkottur	03-01-2014	2. Govt.HSS, Pookkottur		27-03-2014
3	Elamkulam	13-01-2014	3. UPS, Cherukara 4. HSS, Kunnathukavu		31-03-2014
4	Peruvalloor	15-01-2014	5. Govt.HSS, Peruvalloor		28-03-2014
5	Cheekode	23-01-2014	6. Govt.VHSS, Omanoor		25-03-2014

Waynad District

Sl. No.	Name of Grama Panchayat	Date of Sensitisation / Orientation at Grama Panchayat	Name and Address of schools selected	Date and Place of District level meeting of Teacher Co-ordinators	Date of PBR data collection training to student volunteers
1.	Thavinjal	30-12-'13	1. Govt. HSS, Valat	14-02-'14 PWD Rest House, Mananthavady	25-03-'14
2.	Vythiri	06-03-'14	2. Govt.HSS, Vythiri		27-03-'14
3.	Kaniyampatta	07-03-'14	3. Govt.HSS, Kaniyampatta		22-02-'14
4.	Edavaka	28-01-'14	4. St.Stephen's HSS, Kallody		28-03-'14
5.	Noolpuzha	10-02-'14	5. Govt.HSS, Kalloor		30-03-'14

PROJECT IMPLEMENTATION—SECTION II

Biodiversity awareness classes

As the second phase of the project, the biodiversity awareness classes were conducted at 28 selected schools from 5 districts. 6 schools from Thiruvananthapuram district, 5 schools from Kollam district, 5 schools from Ernakulam district, 6 schools from Malappuram district and 6 schools from Wayanad district participated in the awareness programme. Details of the awareness classes are given below.

Classes were started from July 2014 onwards. For this a detailed curriculum based on 'Awareness and Familiarisation on biodiversity conservation and sustainable use based on PBR' were prepared and distributed to all student participants. Syllabus is based on biodiversity at global, national and local level etc. The topic included biodiversity rich nations, hotspots of the world, National biodiversity authority (NBA), state biodiversity boards (SBB), convention on biodiversity (CBD), biodiversity acts and rules, preparation of peoples biodiversity register (PBR), conservation of local biodiversity: endemic and endangered species, conservation of agro-biodiversity and traditional knowledge etc. Based on this a series of lectures were conducted in schools at appropriate times. 150-200 students participated in each of the biodiversity classes. Total 20-25 hours of classes were organized. Initially, district co-ordinators gave an introductory lecture, following this, eminent personalities and teachers working in biodiversity conservation, environmentalists, people engaged in conservation of local and endemic biodiversity, programme co-ordinators and project fellows took classes based on the prescribed curriculum. During class time students were given refreshments also.

Thiruvananthapuram District

The biodiversity awareness classes in Thiruvananthapuram district started on 13-06-2014 at Govt. HSS, Kulathummal, Kattakada grama panchayath. First class was taken by Dr. CG Pradeep, assistant programme co-ordinator of the project. He explained about biodiversity definition, profile in the world, India and Kerala. Students were given detailed information about the richness of biodiversity of the world: major biodiversity countries, hotspots in the world and hot spots in India etc. Sri. Anil Sam, Agricultural Officer took classes about the importance of conservation of local cultivars like tuber crops and local vegetable varieties. He taught about the use and benefits of using biofertilisers, different soils and agrobiodiversity in Kerala. Following this, lectures were also given to biodiversity club members by our district co-ordinator Ms. Priyanka and project fellow Smt. Rajalekshmi on different aspects of biodiversity and conservation.

Awareness classes in SNHSS, Anad grama panchayath, started on 10-07-2014, Class was led by Prof. Mohan P K, Senior Programme co-ordinator of the project. He gave detailed lecture about biodiversity of the world and India. He also explained about National Biodiversity Authority, State Biodiversity Authority and their functions, biodiversity Act and Rules etc. He emphasised on the role of biodiversity management committee (BMC) in the conservation of local biodiversity and called upon the students to participate in the conservation programmes along with them. Smt. Beenakumary took classes on celebration of important days related to biodiversity conservation.

In VGBHSS and VGGHSS, Nemom, Pallichal grama panchayath awareness classes started on 21-06-2014. Sri. Sebastian HSA, from GHSS Kizhoor, Thiruvananthapuram took classes on sustainable use of bioresources and consequences of overexploitation of natural resources etc. He also emphasised on the importance of conserving our traditional knowledge in agricultural practices. Sri. Gireesh Kumar from GVHSS, Malayinkezhu told about the important activities taken up by the biodiversity/nature/ecoclub in the school. He pointed out the establishment of a garden of indigenous fruit plants in the school premises.

In GHS Kandala, biodiversity awareness classes started on 26-06-14. Dr. Pradeep CG, assistant programme co-ordinator explained about biodiversity in general, megabiodiverse countries and biodiversity hotspots in the world. Smt. Asha from Kandala school took a class on consequences of loss of habitat by human activities such as the disappearance of many tiny animals, bird and insects and rare plants from our surroundings. Smt. Geetha, HSA from the same school taught about the consequences of unrestricted use of chemical fertilizers and insecticides resulting in the killing of many soil microorganisms and insects, and pollution of rivers and ponds leading to death of indigenous fish species. Sri. Raju Mathew, Vocational teacher from Vellanad school told about the importance of use of biofertilisers and the different measures taken to protect our biodiversity.

In GVHSS, Velland biodiversity awareness classes started on 19-07-2014. Class was led by Dr. C G Pradeep, Assistant programme co-ordinator of the project. Ms. Priyanke, District co-ordinator of KSBB, explained about National Biodiversity Authority, Kerala State biodiversity Board, Biodiversity Act and Rules etc. Smt. Mini MS, GHS Kulathummal told about the causes of the loss of biodiversity and conservative measures which can take to protect our local biodiversity. Sri. Raju Mathew, HSST from Vellanad School taught about the agrobiodiversity in Kerala, particularly local cultivars and farm animals and their importance.

Kollam District

Biodiversity awareness classes in Kollam district started on 05-07-2014 at JJVHSS, Ambalathumbhagam, Poruvazhy gramapanchayath. Assistant programme co-ordinator

Dr. C.G. Pradeep led the class and taught about biodiversity in general, need of biodiversity conservation, function of NBA and SBB's and biodiversity act and rules, convention on biodiversity (CBD) 1992 etc. Dr. Thampi, Retd. Agricultural officer, Kunnathur gave a lecture on organic farming, soil conservation and wet land conservation etc. He told about the importance of organic farming and loss in soil texture and soil microorganism due to unrestricted use of chemical fertilisers and insecticides. Smt. Prameela Devi, non-vocational teacher of botany from the same school explained about the importance of celebrating days related to environment and nature for better awareness of biodiversity conservation.

In GGHSS, Thazhava, awareness classes started on 07-07-2014. Prof. Radhakrishnakurup, district co-ordinator, Kollam given lecture about CBD-1992, biological diversity act and rules, NBA and SBB's etc. He explained about the importance of registering our biodiversity: people biodiversity register (PBR) for sustainable use and future development. Smt. Vrindha, HSST social science told about the conservation of local indigenous domestic animal and bird species such as 'Vechur cow', Malabari and Attappady black goat etc.

Biodiversity classes in GHSS, Sasthamkotta gramapanchayath started on 11-07-2014. Smt. Mini V. Rajan, HSST of the same school took class on the role of students in the conservation of biodiversity. Students can take up their own mini projects like maintaining medicinal or vegetable garden in the school premises or take up the protection of wet lands like pond or river etc.

Prof. Mohan P.K., senior programme co-ordinator started the biodiversity awareness class in VGSSAHSS, Nedyavila, Kunnathur gramapanchayath on 18-07-2014. The topics explained are biodiversity in general, biodiversity act and rules, constitution of BMC's in grama panchayath, student's participation in the enrichment of local PBR etc. He further asked the biodiversity club to establish a medicinal garden to conserve our indigenous medicinal plant.

Biodiversity awareness classes in GHSS, West Kallada, started on 24-07-2014. Smt. Irene, HSA of the same school took class on role of biodiversity/nature club and the importance of environment education in schools.

Ernakulam District

Biodiversity awareness classes in Ernakulam district started at Mar. Stephen's VHSS, Valakom gramapanchayath. Prof. Mohan PK started the class on 27-06-2014. Dr. Shaju Thomas, Assistant Professor, Nirmala College Moovattupuzha took class on general biodiversity rich countries, hot spots in the world etc. He further said that, use agricultural land for non-agricultural purposes caused a loss in agrobiodiversity and loss in the natu-

ral habitat leads to the extinction of several flora and fauna. Dr. Anantha Pai, district co-ordinator explained about the CBD, functions of NBA and SBB's and role of student's participation in the preparation of PBR.

Biodiversity awareness class in SNHSS, Okkal gramapanchayath started on 03-07-2014. Sri. Jithin K P, Senior agricultural demonstrator, Spices Board, Hubli, Karnataka, took classes on agro biodiversity. He told, we have to conserve our traditional knowledge in agricultural practices and also practice mixed farming for crop improvement and making better crop varieties.

Gigi K Joseph, Assistant Professor, Nirmala college, Moovatuupuzha delivered a lecture on conservation of our local food crops like tuber crops. He further asked the students to create a vegetable garden in the school premises and reduce use of chemical fertilisers or pesticides. Sri. T T Sivadas, Naturalist and interpreter, Thattekad bird sanctuary, led a class on conservation of local domestic animal and bird species and importance of ex-situ/insitu conservation. He said that due to habitat loss and change in climate, many small birds are disappearing from the earth and many are in the threat of extinction.

Malappuram District

Biodiversity awareness classes in Malappuram district started on 17-06-2014 at Govt. HSS, Peruvallur gramapanchayath. Prof. V. Ibrahim, district co-ordinator gave an introductory lecture on general biodiversity. Following, this Sri. Ajith Kumar T, HSA of the same school took class on need of biodiversity conservation for the existence of human kind. He said, the emergence of new hybrid and invasive plant animal species is a major threat to the local and indigenous flora and fauna. Sri Vijesh P and Jithin VP project fellows explained the biodiversity act and rules and formation of people's biodiversity register and the role of students in the preparation of PBR.

Sri. Makhdum project fellow Malappuram district given a series of lectures about General biodiversity, National Biodiversity Authority, State Biodiversity Boards, Biodiversity Acts and Rules etc. Following this Smt. Deepa, HSA Natural Science from the same school took an awareness class based on loss of natural habitat and consequences of over exploitation of natural resources , leading threats to the biodiversity and what measures can taken to protect our biodiversity.

In GHSS, Kunnakavu, Sri. Prabhukumar K M, Scientist, Plant Systematics and genetic resources, Aryavydyasala, Kottakkal, spoke about importance of medicinal plants and that, every plant has a medicinal property, which is unknown to the new generation . Smt. Santhi A P, UPSA, Chrukara led a class on need of reforestation/afforestation and protected areas in Kerala.

In Govt. HSS, Omanoor, classes started on 09-07-2014, Sri. Vijesh P and Jithin VP project fellows, KSBB led classes on various aspects of biodiversity conservation.

Wayanad District

In Wayanad district, biodiversity awareness classes started at St. Stephen's HSS, Kallody, Edavaka gramapanchayath on 28-06-2014. Sri. Prasad V K, Pazhahiraja Smaraka Grandhalaya, Mananthavady, delivered a lecture on excessive use of chemical fertilisers and pesticides and the loss of agrobiodiversity. Further, Anoop N R, FERNS, Mananthavady told about peoples participation in the protection of natural bioresources and habitats. Sri. Anwar T explained about the function of NBA, SBB's and biodiversity act and rules.

Awareness class at GHSS, Mathamangalam, Naikatty, Noolpuzha gramapanchayath, was started on 05-07-2014. Classes were led by Sri. Shaji NM programme co-ordinator, FERNS, Mananthavady and Sri. N Badusha, Wayanad Prakruthy Samrekshna Samithi, Sulthanbathery. Importance of tuber conservation and food diversity protection were discussed in detail. Sri. Ajayan P J, district co-ordinator led classes on general biodiversity and NBA, SBB's and act and rules of biodiversity etc. He said that introduction of monocrops like tea, rubber and eucalyptus led to the disappearance of many indigenous local cultivars like tubers and vegetables. And this also caused the loss of habitat of many tiny animals and birds species.

As a part of the activities of the biodiversity club, important days related to biodiversity, environment and forest were celebrated. In addition to that, certain schools started their own mini projects to conserve the local biodiversity like formation of butterfly parks, planting indigenous plant species, formation of medicinal garden and vegetable garden in the school premises. Poster presentations and documentary presentations were also done under the leadership of school biodiversity clubs for creating awareness to protect our biodiversity and nature for sustainable development. Classes were completed by the end of September 2014.

Sl. No.	Date & Day	Topic of Lecture	Name & Address of Resource Person	Hrs. Engaged
THIRUVANANTHAPURAM DISTRICT				
1	School GP Co-ord.	: Sree Narayanavilasam Higher Secondary School, : Anad Grama panchayath : Smt. Soumya		
i.	10.07.'14	Biodiversity- definition – Biodiversity profile- world- India- Kerala- Hotspots-	Mohan, P.K. Sr. Prog. Co-ordinator KSBB, Tvpm-11	2
ii.	19.07.'14	Reasons for Biodiversity depletion- consequences- remedies-	Mohan, P.K. Sr. Prog. Co-ordinator KSBB, Tvpm-11	3
iii.	02.08.'14	CBD- Biological Diversity Act & Rules- NBA- SBBs-	Mohan, P.K. Sr. Prog. Co-ordinator KSBB, Tvpm-11	2
iv.	16.08.'14	BMC's-Conservation and sustainable use of resource with people's participation-IPR	Dr. Pradeep, C.G. Asst. Program Co-ordinator, KSBB, Tvpm-11	3
v.	23.08.'14	Biodiversity Club –Nature Club- Conservation Biology.	Rajalekshmy, P.G. Project Fellow KSBB, Tvpm-11	3
vi.	26.08.'14	PBR Preparation- data collection and discussion	Rajalekshmy P.G ,Project Fellow KSBB, Tvpm-11	2
vii.	28.08.'14	NBA – State Biodiversity Boards-Role of Kerala Biodiversity Board	Dr. Pradeep C.G, Asst. Program Co-ordinator, KSBB, Tvpm-11	2
viii.	30.08.'14	Celebration of Important days- Environment and Nature.	Mrs. Beena Kumari, HSA Biology, Anad GHSS, Nedumangaud, TVPM	3
ix.	17.09.'14	Protection of our Biodiversity- Agriculture-Soil Conservation-Wetland Conservation-Afforestation.	Rajalekshmy P.G, Project fellow, KSBB, Tvpm-11.	3
x.	20-09-'14	PBR-Role of Students in preparation of PBR	Priyanka, S., District Co-ordinator, KSBB, Tvpm-11	
xi.	27.09.'14	Documentary Presentation on Biodiversity; Biodiversity of Kerala- Attappady Black Sheep- indigenous animals in Kerala	Dr. Pradeep C.G, Asst. Prog. Co-ordinator, Ms. Priyanka S, District Co-ordinator,KSBB, Tvpm-11	3
2	School GP. Co-ord.	: Govt. High School, Kandala, Maranallur : Maranalloor Grama panchayat : Mahendra Kumar, P.		
i.	26-06-'14	Biodiversity- definition – Biodiversity profile- world- India-Kerala.	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	2
ii.	17-07-'14	CBD -Biological Diversity Act and Rules	Ms. Priyanka S, District Co-ordinator, KSBB, Tvpm-11	3
iii.	24-07-'14	Hotspots in India- Biodiversity of Kerala in Present Condition-Need of Biodiversity Conservation.	Dr. Pradeep C.G., Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
iv.	25-07-14	PBR-Role of students in Preparation PBR.	Ms. Priyanka S, District co-ordinator, KSBB, Tvpm-11	3
v.	29-07-14	Documentary presentation on Biodiversity: Biodiversity of Kerala; mangrove forests in Kerala	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator, Rajalekshmy, P.G., Project fellow, KSBB, Tvpm-11	3
vi.	05-08-'14	Sustainable use of Bio-resources- Consequences of over Exploitation- Misuse of Natural resources and Lose of Habitat.	Mrs. Asha, P.S., HSA Biology, GHS Kandala Maranallur	3
vii.	07-08-'14	Indigenous plant and animal diversity in Kerala- conservation strategies	Ms. Priyanka, S., District co-ordinator, KSBB, Tvpm-11	3

viii.	13-08-'14	Protection of our Biodiversity- Agriculture-Soil conservation-pesticides /chemical fertilisers and threat to biodiversity	Geetha, S., HSA Biology, Kandala, Maranalloor	
ix.	11-09-'14	Biodiversity Club –Nature Club- Conservation Biology. Conservation of traditional knowledge in agriculture	Sri. Raju Mathew, Vocational Teacher, GVHSS, Vellanad	
x.	25-09-'14	Project taken up by biodiversity club in schools-Celebration of Important days- Environment and Nature	Sri. Gireesh Kumar, T., HSST Zoology, GVHSS, Malayinkeezhu	2
3	School GP. Co-ord.	: Govt. HSS, Kulathummel, Kattakkada, : Kattakkada Grama panchayath : Smt. Vasantha, T., HSA		
i	13-06-'14	Biodiversity- definition – Biodiversity profile- world- India- Kerala-	Dr. Pradeep, C.G., Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
ii	20-06-'14	Hotspots- - CBD -Biological Diversity Act and Rules	Dr.Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	2
iii	27-06-'14	Kerala Biological Diversity Rules-2008-PBR	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator Ms. Priyanka S, District Co-ordinator, KSBB, Tvpm-11	2
iv	04-07-'14	BMCs in local bodies constitution and function-Conservation and sustainable use of Bioresources-IPR	Ms. Priyanka S, District Co-ordinator, Dr. Pradeep, C.G., Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
v	11-07-'14	NBA – State Biodiversity Boards-Role of Kerala Biodiversity Board	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator Ms. Priyanka S, District Co-ordinator, KSBB, Tvpm-11	3
vi	01-08-'14	Agrobiodiversity-local cultivars and their conservation	Sri. Anil Sam, Agricultural Officer, Vellanad	3
vii	05-08-'14	Role of Nature Club –Biodiversity Club in the conservation of Biodiversity- Threats to Biodiversity	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator Ms. Priyanka, District Co-ordinator, KSBB, Tvpm-11	3
viii	26-09-'14	Afforestation- reforestation- organic farming-use of pesticides and insecticides and threats to biodiversity-	Dr. Pradeep C.G., Asst. Prog. Co-ordinator Ms. Priyanka, District Co-ordinator, KSBB, Tvpm-11	2
ix	29-09-'14	Participation of Students in Preparation of PBR-introducing in local PBR	Dr. Pradeep, C.G., Asst. Prog. Co-ordinator, KSBB	2
x	30-09-'14	Documentary presentation on biodiversity	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator, Ms. Priyanka, District Co-ordinator, KSBB, Tvpm-11	
4	School GP. Co-ord.	: Govt. Model Vocational and HSS, Vellanad. : Vellanad Grama panchayath : Smt. Aparna, S., HSA Physical Science		
i	19.07.'14	Biodiversity- definition – Biodiversity profile- world- India- Kerala- Hotspots- Biodiversity of Kerala in Present Condition-Need of Biodiversity Conservation.	Dr.Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3

ii	23.07.'14	Sustainable use of Bio-resources- Consequences of over Exploitation- Misuse Of Natural resources and Lose of Habitat.	Smt. Mini, M.S., HSA, Kulathummel, Kattakada	3
iii	26-07-'14	PBR-Role of students in Preparation PBR.	Rajalekshmy P.G ,Project Fellow, KSBB, Thiruvananthapuram	3
iv	02-08-'14	BMCs in local bodies-constitution and function-Conservation and sustainable use of Bioresources-IPR	Dr.Pradeep, C.G. Asst. Progm. Co- ordinator, KSBB, Tvpm-11	3
v	11-08-'14	Biological Diversity -Act and Rules- National Biodiversity Authority-Kerala State Biodiversity Board	Dr.Pradeep, C.G. Asst. Progm. Co- ordinator, KSBB, Tvpm-11	2
vi	21-08-14	Threats to biodiversity-Kerala scenario- Alien species of plants and animals	Dr.Pradeep, C.G. Asst. Progm. Co- ordinator, KSBB, Tvpm-11	2
vii	12-09-'14	Role of Nature Club -Biodiversity Club in the conservation of Biodiversity- Activities taken up by school students to conserve our biodiversity	Sri. Raju Mathew, Vocational Teacher, GVHSS, Vellanad	2
viii	26-09-14	Agricultural and farm animals diversity in Kerala	Sri. Raju Mathew, Vocational Teacher, GVHSS, Vellanad	2
5	School GP. Co-ord.	: Victory Govt. Boys' HSS, Nemom : Victory Govt. Girls' V HSS, Nemom : Pallichal Grama panchayath : 1. Smt. Indu, P., HSA Social Studies. : 2. Smt. Resmi, I.K., HSA Biology		
i	21.06.'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation	Prof. Sebastin, K., HSS Kizhoor, Tvpm.	4
ii	01-07-'14	Reasons for Biodiversity depletion- consequences- remedies	Ms. Priyanka S, District co-ordinator, KSBB, Tvpm-11	3
iii	09-07-'14	CBD -Biological Diversity Act and Rules	Rajalekshmy P.G, Project Fellow KSBB, Tvpm-11	3
iv	17-07-'14	Hotspots in India- Biodiversity of Kerala in Present Condition-Need of Biodiversity Conservation	Dr. Pradeep C.G, Asst. Progm. Co- ordinator, KSBB, Tvpm-11	3
v	30-07-'14	Celebration of Important days- Environment and Nature.	Prof. Sebastin, K. HSS, Kizhoor, Tvpm	3
vi	01-08-'14	Sustainable use of Bio-resources- Consequences of over Exploitation- Misuse of Natural resources and Lose of Habitat.	Dr.Pradeep C.G, Asst. Progm. Co- ordinator, KSBB, Tvpm-11	3
vii	12-08-'14	Biodiversity Club -Nature Club- Conservation Biology.	Rajalekshmy P.G, Project Fellow, KSBB, Thiruvananthapuram	3
viii	19-08-'14	PBR-BMC-Students role in the preparation of PBR	Ms. Priyanka. S., District co- ordinator, KSBB, Tvpm	3
ix	16-09-'14	Role of Nature Club/Biodiversity Club in the conservation of Biodiversity- Threats to Biodiversity- conservation of local varieties	Sri. Gireesh Kumar T, HSST Zoology, GVHSS, Malayinkeezhu	3
II. KOLLAMDISTRICT				
1	School GP. Co-ord.	: Govt. HSS, Sasthamkotta : Sasthamkotta Grama panchayath : Smitha, S., HSA, Natural Science		

i	11-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Dr. Nabeezath, HSS Teacher (Botany) Govt.HSS, Karunagappally.	3
ii	18-07-'14	Role of Nature Clubs in conservation- consequences of biodiversity loss-	Smt. Mini, V. Rajan, HSST, (Botany), Govt. HSS, Sasthamkotta.	3
iii	25-07-'14	Organic farming- indiscriminate use of chemical fertilizers- consequences-	Smt. Mini V. Rajan, HSST, (Botany), Govt. HSS, Sasthamkotta.	3
iv	01-08-'14	Updating of PBR- role students in the preparation of PBR	Smt. Beena Kumari, S., Project Fellow, KSBB, Tvpmm-11	3
v	08-08-'14	Biodiversity rich countries-in the world-hot spots of biodiversity	Dr.Pradeep, C.G. Asst. Progm. Co-ordinator, KSBB, Tvpmm-11	3
vi	14-08-'14	CBD-Biodiversity act and rules-NBA-state biodiversity boards	Prof. Radhakrishna Kurup, DC, KSBB, Kollam Dt.	3
vii	22-08-'14	KSBB functions -BMC and their functions- conservation and sustainable use of bio-resources with peoples participation - IPR	Smt. Beena Kumari S, Project Fellow, KSBB, Kollam Dt.	3
viii	03-09-'14	PBR contents - role of students in the preparation of PBR- awareness and familiarization based on PBR	Dr. Nabeezath, HSS Teacher (Botany) Govt.HSS, Karunagappally.	2
ix	17-09-'14	Specific information derived from PBR	Dr. Nabeezath, HSS Teacher (Botany) Govt.HSS, Karunagappally.	2
2	School GP. Co-ord.	: Jaya Jyothi Vocational HSS, Ambalathumbhagam, P.O., Poruvazhy, : Poruvazhy Grama panchayath : Smt. Rani, L., Non-vocational Teacher (Botany)		
i	05-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Dr.Pradeep, C.G. Asst. Progm. Co-ordinator, KSBB, Tvpmm-11	3
ii	19-07-'14	Role of Nature Clubs in conservation- Organic farming	Smt. Prameela Devi, Non-vocational Teacher, Botany, VHSS, Kadampanad	3
iii	02-08-'14	BMCs, PBRs, KSBB and its function	Smt. Beenakumari, S., Project Fellow, KSBB, Tvpmm-11	3
iv	06-08-'14	Need of Biodiversity conservation and sustainable use of bio-resources - consequences of biodiversity depletion	Dr.Pradeep, C.G. Asst. Progm. Co-ordinator, KSBB, Tvpmm-11	3
v	13-08-'14	Organic farming, soil conservation, eco-restoration, wet land conservation, propagation of local cultivars, local domestic animals and birds conservation-alien weed eradication	Dr. Thampi, Retd. Agricultural Officer, Kunnathoor	3
vi	21-08-'14	CBD, NBA-Biodiversity acts and rules, Kerala biodiversity rules, state biodiversity boards	Smt. Beena Kumari S, Project Fellow, KSBB, Kollam Dt.	3
vii	23-08-'14	Celebration of important days, updating of PBR, creation of data base, over exploitation of bio-resources, consequences of depletion of bio-resources	Smt. Prameela Devi, Non Vocational Teacher, Botany, VHSS, Kadampanad	3
viii	01-09-'14	PBR preparation, content, role of students in the preparation of PBR	Prof. Radhakrishna Kurup, DC, KSBB, Kollam Dt.	2
ix	18-09-'14	Specific information derived out from PBR	Ms. Soja George, Guest Lecturer, Environmental Sciences, GHSS, Sasthamkotta	2

3	School : Govt. Girls' HSS, SRP Market, P.O., Thazhava, GP. : Thazhava Grama panchayath Co-ord. : Smt. Meera, S. UPS Assistant.			
i	07-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Dr. Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
ii	14-07-'14	Role of Nature Clubs in conservation- Organic farming	Smt. J. Vasantha, HSA, (Natural Science), GG HS, Thazhava	3
iii	25-07-'14	Wet land conservation, Soil conservation, Organic farming	Smt. J. Vasantha, HSA, (Natural Science), GG HS, Thazhava	3
iv	31-07-'14	CBD, Biological Diversity Act and Rules- NBA, SBBs.	Prof. Radhakrishnakurup, Dist. Co-ordinator, KSBB, Tvpm-11	3
v	04-08-'14	Celebration of important days related to environment-updating of PBR-creation of database	Sri. Rajesh P, HSST Botany, GHSS, Thazhava	3
vi	11-08-'14	KSBB, BMC, conservation and sustainable use of bio-resources with peoples participation	Smt. Sujatha, HSST Zoology, GHSS, Thazhava	2
vii	18-08-'14	PBR contents, awareness and familiarization based on PBR	Dr.Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
viii	20-09-'14	Domestic animal and bird varieties, alien weed eradication, soil conservation-ecorestoration	Smt. Vrintha, HSST, Social Sciences, GGHS, Thazhava	3
ix	22-09-'14	Specific information derived from PBR	Smt. Vrintha, HSST, Social Sciences, GGHS, Thazhava	2
4	School : Venmani Grama Seva Samithi Ambikodayam Highrer Secondary School, Kunnathur East, P.O., Nediyaavila GP. : Kunnathur Grama Panchayath Co-ord. : Smt. Indu, V.G., HSA, Social Science.			
i	18-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation	Prof. Mohan, P.K. , Sr. Prog. Co-ordinator, KSBB, Tvpm-11	3
ii	19-07-'14	CBD, Biological Diversity Act and Rules- NBA, SBBs.	Dr.Pradeep, C.G. Asst. Prog. Co-ordinator, KSBB, Tvpm-11	3
iii	23-07-'14,	PBR preparation- role of students-	Smt. Beenakumari, S., Project Fellow, KSBB, Tvpm-11	3
iv	27-07-'14	Updating of PBR, Traditional knowledge and its importance-	Smt. Girija, L. BMC member, Kunnathur Grama Panchayath.	3
v	05-08-'14	Need of biodiversity conservation and sustainable utilization, consequences of biodiversity depletion	Prof. Radhakrishna kurup, Dist. Co-ordinator, KSBB, Tvpm-11	3
vi	16-08-'14	KSBB and its functions-BMC in local bodies - constitution and functions, IPR	Smt. Beena Kumari S, Project Fellow, KSBB, Kollam Dt.	3
vii	21-08-'14	Role of nature club, overexploitation - consequences and indiscriminate use of inorganic fertilisers	Smt. Soumya HSST, Botany, VGSS AHSS, Nediyaavila	3
viii	01-09-'14	Organic farming, soil conservation-ecorestoration-wet land conservation-propagation of local cultivars-local domestic animals and birds, alien weed eradication	Smt. Soumya HSST, Botany, VGSS AHSS, Nediyaavila	2
ix	19-09-'14	Celebration of important days, updating of PBR, creation of database	Smt. Rajeswari J, HSA Natural Sciences, VGSS AHSS, Nediyaavila	2

5	School : Govt.HSS, West Kallada GP : West Kallada Grama panchayath Co-ord. : Sri. Santhosh kumar, S., HSST, (Botany)			
i	24-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Prof. Mohan, P.K. , Sr. Progm. Co-ordinator, KSBB, Tvpm-11	3
ii	30-07-'14	Role of Nature clubs in conservation- Organic farming-	Smt. Irine, HSA, (Ntural Science), Govt. HSS, West Kallada)	3
iii	01-08-'14	Invasive Alien Species- conservation of local varieties-	Smt. Irine, HSA, (Ntural Science), Govt. HSS, West Kallada)	3
iv	09-08-'14	Need of biodiversity conservation- sustainable use, consequence of biodiversity depletion	Smt. Beena Kumari S, Project Fellow, KSBB,Kollam Dt.	3
v	12-08-'14	CBD-NBA-Biodiversity act and rules, Kerala biodiversity rules, State biodiversity boards	Smt. Reena Raj, HSST, Zoology, GHSS, West Kallada	3
vi	19-08-'14	KSBB-BMC, conservation and sustainable use of bio-resources with peoples participation-IPR	Smt. Reena Raj, HSST, Zoology, GHSS, West Kallada	3
vii	20-8-14	PBR, cotent, students awareness and familiarisation based on PBR	Prof. Radhakrishna kurup, Dist. Co-ordinator, KSBB, Tvpm-11	3
viii	11-09-'14	Celebration of important days-updating of PBR, creation of data base	Smt. Irine, HSA, (Ntural Science), Govt. HSS, West Kallada)	2
ix	16-09-'14	Specific information derived from PBR	Prof. Radhakrishna kurup, Dist. Co-ordinator, KSBB, Tvpm-11	2
III ERNAKULAMDISTRICT				
1	School : Mar Stephen's VHSS, Valakom GP. : Valakom Grama Panchayath Co-ord. : Sri. Eldo Kuriakose			
i	27-06-'14	CBD-Biodiversity Acts & Rules-NBA- State Biodiversity Boards and their functions- BMC-PBR	Prof. Anantha Pai, DC, KSBB, Ernakulam Dt.	3
ii	16-07-'14	Preparation of PBR- Students role in the preparation of PBR	Smt. Sreeja KS, Project Fellow, KSBB, Ernakulam Dt.	3
iii	18-07-'14	Biodiversity definition-biodiversity rich countries-hot spots-biodiversity of India-Kerala-sustainable use of bio-resources	Dr. Shaju Thomas, Retd. Associate Professor, Nirmala College, Moovattupuzha	3
iv	25-07-'14	Role of Nature club in the conservation of biodiversity--sustainable agriculture- use of pesticides and insecticides on biodiversity	Dr. Shaju Thomas, Retd. Associate Professor, Nirmala College, Moovattupuzha	3
v	14-08-'14	Wet land conservation-soil conservation-propagation of local cultivars-celebration of important days	Prof. Anantha Pai, DC, KSBB, Ernakulam Dt.	3
2	School : SN HSS, Okkal GP. : Okkal Grama panchayath Co-ord. : Smt.P.K. Sindu			
i	03-07-'14	NBA-state biodiversity boards-BMC and their functions -Kerala Biodiversity acts and rules-convention on biological diversity-sustainable use and consequences of biodiversity depletion	Prof. Anantha Pai, DC, KSBB, Ernakulam Dt.	4

ii	05-07-'14	PBR-Role of students in the preparation of PBR-identification and conservation of local flora and fauna - IPR	Ms. Ruhaina, K.K., Project Fellow, KSBB, Ernakulam Dt.	3
iii	16-07-'14	Conservation of local cultivars-over exploitation and misuse of natural resources-eco clubs-nature clubs - celebration of important days	Smt. P.K. Sindhu, HSA, Natural Science, SNHSS, Okkal	4
iv	18-07-'14	Biodiversity definition-biodiversity rich countries-hot spots in the world and India-need of biodiversity conservation and sustainable agriculture-organic farming- soil conservation-local animal and plant conservation-alien species eradication	Sri. Jithin, K.P., Senior Agricultural Demonstrator, Spices Board, Hubli Road, Sirsi, Karnataka	5
3	School GP. Co-ord.	: Govt. HSS, Pampakkuda. : Pampakkuda Grama Panchayath : Smt. K.K.Santhamma, HSA		
i	11-07-'14	Biodiversity definition-biodiversity rich countries-hot spots-biodiversity of India-Kerala-sustainable use of bio-resources-CBD-NBA-State biodiversity boards-BMC and their functions	Prof. Anantha Pai, DC, KSBB, Ernakulam Dt.	4
ii	14-07-'14	Kerala State Biodiversity Board-acts and rules-preparation of PBR- role of students in the preparation of PBR-IPR- biological and ecological factors in the local area	Sri. Sreeraj NK, Project Fellow, KSBB, Ernakulam Dt.	4
iii	19-07-'14	Sustainable use of bio resources-misuse and overexploitation of natural resources-threat to biodiversity-indiscriminate use of chemical fertilisers and weedicides	Dr. Shaju Thomas, Retd. Associate Professor, Nirmala College, Moovattupuzha	4
iv	25-07-'14	Propagation local cultivars and animals-afforestation-reforestation-habitat loss and alien species eradication- students participation in protection of biodiversity	Dr. Shaju Thomas, Retd. Associate Professor, Nirmala College, Moovattupuzha	4
4	School GP. Co-ord.	: Govt. HSS, Mulamthuruthy : Mulamthuruthy Grama panchayath : Smt. Asha Anna George, HSA		
i	11-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation- NBA-state biodiversity boards-BMC and their functions - sustainable use and consequences of biodiversity depletion	Prof. C G Anantha Pai, DC, KSBB, Ernakulam Dt.	4
ii	15-07-'14	Kerala State Biodiversity Board acts and rules-convention on biological diversity-preparation of PBR- students role in the preparation of PBR- IPR	Mamatha K M, Project Fellow, KSBB, Ernakulam Dt.	
iii	17-07-'14	Conservation and sustainable use of bioresources-overexploitation and misuse of natural bioresources-conservation of local cultivars	Dr. Gigi K Joseph, Asst. Professor, Nirmala College, moovattupuzha	3

iv	24-07-'14	Soil conservation-importance of propagation of local cultivars- agro biodiversity-consequences of the use of inorganic fertilisers and insecticides on biodiversity depletion	Dr. Gigi K Joseph, Asst. Professor, Nirmala College, moovattupuzha	3
v	08-08-'14	Eco clubs- nature clubs- Role of students in the protection of biodiversity	Sri. T. T. Sivadas, Naturalist and Interpreter, Thattekad Bird sanctuary	3
vi	18-08-'14	Local domestic animal and bird species and their conservation -threatened species -insitu/exsitu conservation- Celebration of important days related to biodiversity and environment	Sri. T. T. Sivadas, Naturalist and Interpreter, Thattekad Bird sanctuary	3
5	School GP Co-ord.	: Govt. VHSS, Chottanikkara. : Chottanikkara Grama panchayath : Smt. Ambily, M.S., HSA		
i	08-07-'14	General account on biodiversity- biodiversity rich countries-hot spots in the world and in India-biodiversity of Kerala-NBA- state biodiversity boards and their functions	Prof. C G Anantha Pai, DC, KSBB, Ernakulam Dt.	4
ii	09-07-'14	CBD- Biodiversity Acts and rules-Kerala state biodiversity board, act and rules-BMC constitution and functions	Ms. Remya, Project Fellow, KSBB, Ernakulam Dt.	3
iii	15-07-'14	Role of nature club and eco clubs in schools and their role in conservation of biodiversity-	Smt. Ambili, M.S., HSA, Natural science, Govt	3
iv	21-07-'14	Sustainable agriculture, propagation of local cultivars- domestic animals and birds-overexploitation and misuse of natural resources- preparation of biodiversity register with the participation of school students	Prof. C G Anantha Pai, DC, KSBB, Ernakulam Dt.	4
v	24-07-'14	Local biodiversity conservation with the participation of local peoples-importance of organic farming-consequences of indiscriminate use of inorganic chemicals and fertilisers-sustainable utilisation of biodiversity	Smt. Rejitha Manoj, HSST, St. John's Public School, South Paravur, Ernakulam	3
IV MALAPPURAMDISTRICT				
1	School GP Co-ord.	: Govt. VHSS, Paravanna, Paravanna, : Vettom Grama panchayath : Smt. Jayasree, K., HSA, Natural Science		
i	02-08-'14	Bio diversity-Definition, Bio diversity hotspots, Bio diversity in India and bio diversity in Kerala.	Sri. Vinesh, P. PF, Malappuram Dist; KSBB.	4
ii	04-08-'14	NBA-State Biodiversity Boards- Act & Rules Biodiversity laws- PBR details	Sri. Vinesh, P.,PF, Malappuram Dist; KSBB.	4
iii	20-08-'14	Conservation and propagation of local cultivars and animal species with the participation of peoples-sustainable agriculture-reforestation-	Sri. Ganesh, V., HSST, GVHSS, Paravanna	

iv	22-09-'14	Role of Nature club in biodiversity conservation- sustainable agriculture- celebration of important days related to environment	Smt. Jayasree, K., HSA, GVHSS, Paravanna	3
v	23-09-'14	Role of Students in the preparation of PBR- conservation measures and projects-sustainable use of bio resources	Prof. RV Ibrahim, District Co-ordinator, Malappuram	4
2	School GP. Co-ord.	: Govt. HSS, Pookottur : Pookkottur Grama panchayath : Sri. Muhammed Saleem M, P.D. Teacher		
i	41705	Bio diversity-Definition, Bio diversity hotspots, Bio diversity in India and bio diversity in Kerala.	Deepa.M, HSA Natural Science G.H.S.S Pokottur	3
ii	19/07/2014	Importance of bio diversity	Purushothaman K.K, P.D. Teacher, GLPS Vayparappadi, Manjeri	3
iii	15-08-'14	NBA, State biodiversity boards- Biodiversity Act and rules,	Sri. Makhdum, K., Project Fellow, KSBB, Malappuram Dt.	3
iv	11-09-'14	BMC, PBR- Role of students in the preparation of PBR- awareness and familiarisation of PBR	Vinesh, P., Project Fellow, KSBB, Malappuram Dt.	3
v	12-09-'14	Biodiversity Club, Eco Club, Biodiversity programmes, Nature protection	Sri. Makhdum K, Project Fellow, KSBB, Malappuram Dt.	3
vi	25-09-'14	Sustainable development, Biodiversity protection programmes.	Deepa, M. HSA Natural Science, GHSS Pookottur	3
vii	27-09-'14	Forestation, Seed Protection, Biodiversity data base	Sri. Makhdum K, Project Fellow, KSBB, Malappuram Dt.	3
3	School GP. Co-ord.	: 1. AUPS, Cherukara, 2. Govt. HSS, Kunnakavu, : Elamkulam Grama panchayath : 1. Sri. K.Sathyarayanan, UPS Assistant 2.Sri. Abdul Ali, N., UP Assistant		
i	22-07-'14	Role of Eco clubs in biodiversity conservation- organic farming- overexploitation and misuse of bioresources	Sri. Prabhu kumar, K.M., Scientist, Plant Systematic & Genetic Resources, Arya Vaidya sala, Kottakkal.	3
ii	19-09-'14	Biodiversity conservation and sustainable development- agricultural practices-local cultivars and their importance	Mrs. Sarala, UPSA, Cherukara	5
iii	26-09-'14	General account on biodiversity-mega biodiversity countries-biodiversity of India-biodiversity of Kerala-threatened species in Kerala	Mr. Promod, HSST, Zoology, GHSS Kunnakavu	3
iv	27-09-'14	Biodiversity in India-biodiversity in Kerala-mega biodiversity countries-protected areas in Kerala-afforestation- reforestation -agriculture in Kerala	Mrs. Santhi, A.P., UPSA, Cherukara	5
v	30-07-'14	NBA-Kerala State Biodiversity Board- functions acts and rules-PBR-role of students in the preparation of PBR- celebration of important days related to biodiversity and environment- sustainable development	Sri. Muhammed Safeer, Project Fellow, KSBB, Malappuram Dt.	3

4	School : Govt. HSS, Peruvalloor GP. : Peruvalloor Grama panchayath Co-ord. : Smt. Nisha, C.			
i	17-06-'14	PBR preparation, Students role-	Prof. R.V. Ibrahim, Dist. Co-ordinator, (Malappuram), KSBB, Tvpm-11	3
ii	26-06-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Ajithkumar, T, Teacher, Govt. HSS, Chelari, Malappuram	
iii	09-08-'14	PBR content and role of students in preparation of PBR	Vijesh PP, Project Fellow, KSBB, Malappuram Dt.	3
iv	26-08-'14	National Biodiversity Authority, State Biodiversity Boards, Biodiversity Management Committee and its function	Prof. RV Ibrahim, District Co-ordinator, Malappuram	3
v	12-09-'14	Convention on Biological Diversity(CBD), Biodiversity acts and rules	Vijesh PP, Project Fellow, KSBB, Malappuram Dt.	3
vi	20-09-'14	Biodiversity hotspots in the world-India, Biodiversity of India, Biodiversity of Kerala	Jithin V, Project fellow, KSBB, Malappuram Dt.	3
vii	23-09-'14	Sustainable use of bio-resources of habitat-afforestation, reforestation	Vijesh PP, Project Fellow, KSBB, Malappuram Dt.	3
viii	25-09-'14	Organic farming, soil conservation, ecorestoration	Prof. RV Ibrahim, District Co-ordinator, Malappuram	3
5	School : Govt. VHSS, Omanoor GP. : Cheekode Grama panchayath Co-ord. : Sri. Muhammed kutty, U., HSA (English)			
i	09-07-'14	Role of Biodiversity Club in conservation & sustainable use of Biodiversity	Sri. Vijesh, P., Project fellow, Malappuram , KSBB	2
ii	16-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Jithin, V.P. Project Fellow, Malappuram, KSBB	3
iii	14-08-'14	NBA-KSBB-functions of BMC-IPR	Sri. Jithin, V.P. Project Fellow, Malappuram, KSBB	3
iv	04-09-'14	CBD-Biodiversity acts and rules-PBR	Sri. Vijesh, P., Project fellow, Malappuram , KSBB	3
v	16-09-'14	Importance of biodiversity conservation	Makhdam P, Project fellow, Malappuram , KSBB	3
vi	18-09-'14	Afforestation- reforestation- agrobiodiversity	Sri. Vijesh, P., Project fellow, Malappuram , KSBB	3
vii	26-09-'14	Role of nature club/ecoclub in the conservation nature and biodiversity	Sri. Jithin, V.P. Project Fellow, Malappuram, KSBB	3
viii	29-09-'14	Wetland conservation- students in the preparation of PBR and their role in the conservation of biodiversity	Sri. Vijesh, P., Project fellow, Malappuram , KSBB	3
V WAYANADDISTRICT				
1	School : Govt. HSS, Valad, Thalappuzha GP. : Thavinjal Grama panchayath Co-ord. : Sri. V.C. Prasanthan, LPSA.			
i	01-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Anwar, C.S. Project fellow, Wayanad	2.5

ii	11-07-'14	Organic farming	Sri. Sudheesh, A.T., PF, Wayanad	2
iii	21-07-'14	Agriculture/ Traditional knowledge	Sri. Arun, P. Ferns, Mananthavady	2
iv	01-08-'14	Food chain loss-need of biodiversity conservation	Sujin, M.S., FERNS Mananthavady	2
v	11-08-'14	Use of pesticides and after effects	Prasad, V.K., Pazhaji Raja Smaraka Grandhalayam, Mananthavady	2
vi	16-08-'14	Biodiversity , culture & traditional knowledge	Sri. Sudheesh, A.T. PF, Wynad, KSBB.	5
		Biodiversity loss and conservation methods	N. Badhusha, Wayanaad Prakrithi Samrekshana Samithi, Sulthan Batheri	
2	School : Govt. HSS, Vythiri. GP. : Vythiri Grama panchayath Co-ord. : Sri. C. Jayarajan, HSA			
i	12-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Ajayan, P.J. Dist. Co-ordinator, Wayanad , KSBB 2pm -4pm	2
		Traditional Knowledge in Agriculture	Sri. A. Ajayakumar, . Pazhassiraja Smaraka Grandhalayam, Mananthavady	2
ii	18-07-'14	Birds diversity	Sri. Anoop, N.R. Nadukulathil House, Thrissileri, Kattikulam, P.O.	2.5
iii	25-07-'14	Agriculture practices in Wynad	Sri. Vinayan, P.A., Pandacheri house, Vemom, P.O., 670 645.	2
iv	09-08-'14	Development and agriculture	Arun P A, FERNS, Mananthavady	3.3
v	16-08-'14	Biodiversity Act and Rules, Biodiversity protection	Sri. Rajeesh, K.N., Project Fellow, KSBB, Wayanad	4
		Traditional knowledge and biodiversity conservation	Anwar C S, project Fellow, KSBB, Wayanad Dt.	
3	School : Govt. HSS, Kaniyambetta GP : Kaniyampetta Grama panchayath Co-ord. : Sri. Pavithran, C.K., HSA, (Social Science)			
i	02-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Anwar, C.S. Project fellow, Wynad, KSBB.	2
ii	11-07-'14	Importance of local biodiversity conservation-	Sri. Rajeesh, K.N., PF, Wynad, KSBB.	2.5
iii	02-08-'14	Medicinal knowledge based on PBR, Agrobiodiversity	Sri.Anwar C S, Project Fellow, KSBB, Wayanad Dt. Sri. Sudheesh A T, Project Fellow, KSBB, Wayanad Dt.	5
iv	14-08-'14	Role school biodiversity clubs in nature and biodiversity protection	Sri. Anoop NR, Nadukulathil House, Thrissileri, Mananthavady	3
v	22-08-'14	Biodiversity in Kerala- conservation of local flora and fauna	Sri. Sudheesh A T, Project Fellow, KSBB, Wayanad Dt.	
4	School : St. Stephen's HSS, Kallody, Mananthavady GP. : Edavaka grama panchayath Co-ord. : Smt. Rosa, M.M. , HSA (Social Science)			
i	28-06-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri.Rajeesh, K.N., PF, Wynad, KSBB.	4
ii	09-07-'14	Organic farming- consequences of excess use of chemical fertilizers and pesticides in agriculture.	Sri. Prasad, V.K. Pazhassiraja Smaraka Grandhalayam, Mananthavady.	2

iii	19-07-'14	Importance of local biodiversity conservation-	Sri. Sudheesh, A.T. PF, Wynad, KSBB.	3
iv	02-08-'14	Role of school biodiversity clubs in nature protection Medicinal diversity and traditional knowledge - based on PBR	Anoop N R, Nadukalathil House, Thrissileri, Mananthavady Anwar C S, Project Fellow, KSBB, Wayanad Dt.	4
v	15-08-'14	Tuber diversity - a way to sustainable food diversity protection	Shaji, N.Y.P., Programme Co-ordinator, FERNS, mananthavady	2
		Western Ghats- biodiversity and natural resources :use and loss	Sudheesh AT, Project Fellow, KSBB, Wayanad Dt.	
5	School GP. Co-ord.	: Govt. HSS, Kalloor, Noolpuzha : Noolpuzha Grama panchayath : Sri. Joseph, K.V. LPSA		
i	05-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Ajayan, P.J. Dist. Co-ordinator, Wayanad Dt.	2
ii	12-07-'14	Importance of local biodiversity conservation-	Sri. A. Ajayakumar, Pazhassiraja Smaraka Grandhalayam, Mananthavady.	3-3
iii	25-07-'14	Organic farming- consequences of excess use of chemical fertilizers and pesticides in agriculture.	Sri. Sudheesh, A.T. Project Fellow, Wynad Dt., KSBB.	2.3
iv	04-08-'14	Role of school biodiversity clubs in nature and biodiversity protection	Sri. Anoop N R, Nadukalathil House, Thrissileri P O, Mananthavady	2.3
v	20-08-'14	Western Ghats- biodiversity and natural resources: use and loss	Sri. Sudheesh A T, Project fellow, KSBB, Wayanad Dt.	2
6	School GP. Co-ord.	: Govt. High School, Mathamangalam, Naikatty : Noolpuzha Grama panchayath : Sri. Muhammed Unais N.A., LPSA		
i	05-07-'14	Biodiversity Introduction- Its profile in the world, India, Kerala- need of conservation-	Sri. Ajayan, P.J. Dist. Co-ordinator, Wayanad , KSBB 10 AM -1 pm	3
ii	16-07-'14	Organic farming- consequences of excess use of chemical fertilizers and pesticides in agriculture.	Sri. Sudheesh, A.T. PF, Wynad, KSBB.	2
iii	22-07-'14	Importance of local biodiversity conservation-	Sri. N. Badusha, Wynad Prakruthy Samrekshana Samithy, Sulthan Bathery.	2.5
iv	06-08-'14	Biodiversity loss: threats to biodiversity	Sr. A Ajayakumar, Pazhaji Raja Smaraka Grandhalayam, Mananthavady	2
v	21-08-'14	Tuber conservation and food diversity protection	Shaji NM, Programme Co-ordinator, FERNS, Mananthavady	2

Biodiversity Awareness classes at various schools



Biodiversity awareness class at GHSS, Peruvallloor, Malppuram Dt.



Biodiversity awareness class at GHSS, Peruvallloor, Malppuram Dt.



Biodiversity awareness class at GHSS, Kulathummal, Kattakada, Thiruvananthapuram Dt.



Biodiversity awareness class at GHSS, Peruvallloor, Malppuram Dt.



Biodiversity awareness class at GHSS, Pookottur, Malppuram Dt.



Biodiversity awareness class at GVHSS, Omanoor, Malppuram Dt.



Biodiversity awareness class at Mar. Stephen's VHSS, Valakom, Ernakulam Dt.



Biodiversity awareness class at St. Stephen's HSS, Kallodi, Wayanad Dt.



Biodiversity awareness class at GHSS, Kaniyambetta, Wayanad Dt.



Biodiversity awareness class at GHSS, Vythiri, Wayanad Dt.



Honouring best farmer of Kaniyambetta Village, by Biodiversity Club at GHSS, Kaniyambetta



Butterfly park at GHSS, Peruvallur, Malappuram Dt.



Medicinal garden, GHSS, Peruvalloor, Malappuram Dt .



Medicinal and vegetable garden at VGSSVHSS, Nedyavila, Kunnathur, Kollam Dt.



Biodiversity awareness class at GGHSS, Thazhava, Kollam Dt



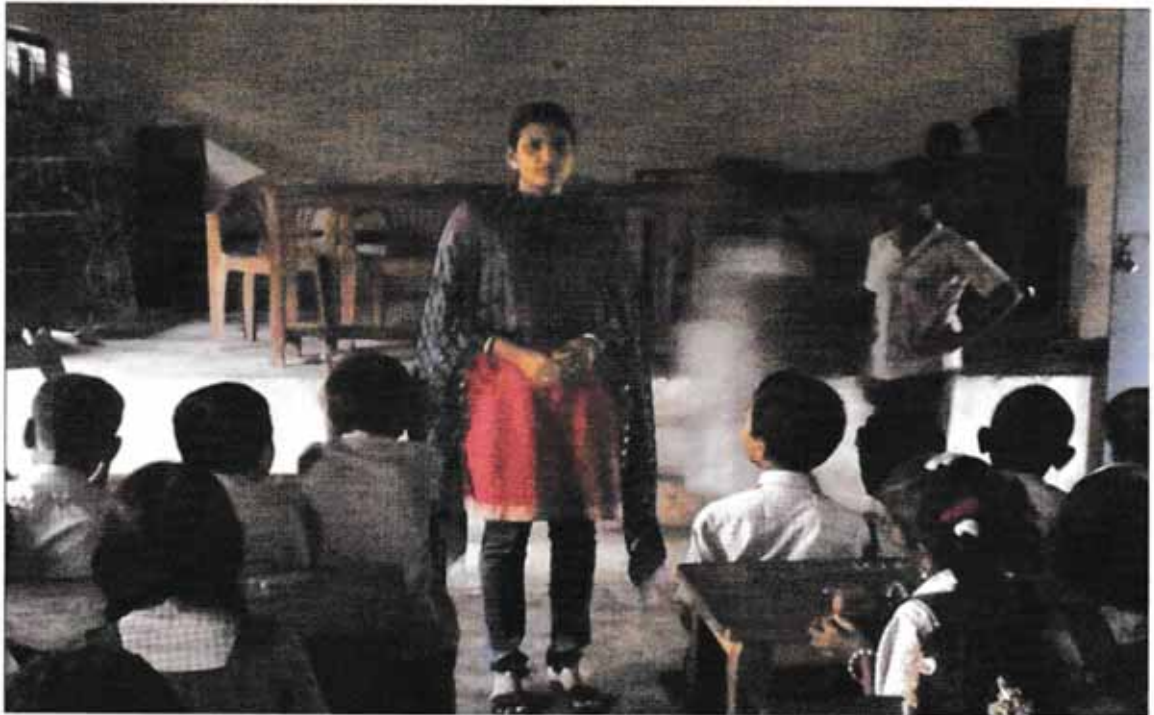
Biodiversity awareness class at GHSS, West Kallada, Kollam Dt.



Biodiversity awareness class at JJHS, Poruvazhy, Kollam Dt.



Vegetable garden, JJHS, Poruvazhy, Kollam Dt.



Biodiversity awareness class at GVHSS, Chottanikara,, Ernakulam Dt.



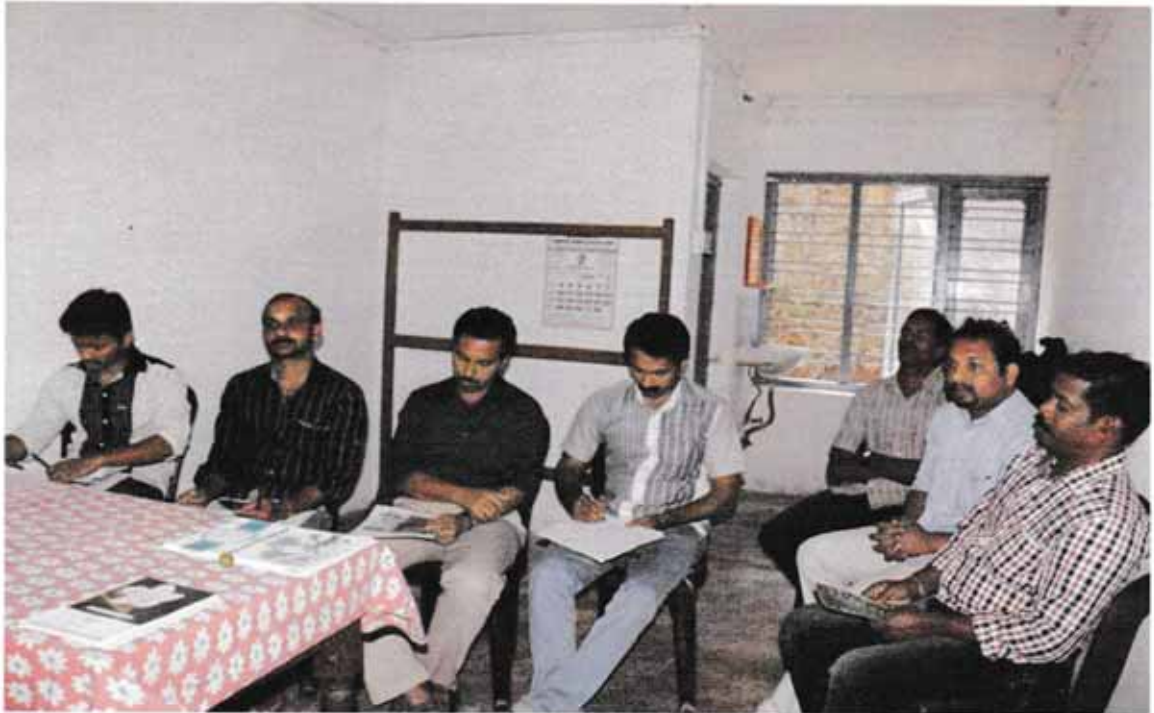
Biodiversity awareness class at SNHSS, Okkal, Ernakulam Dt.



Biodiversity awareness class at SNHSS, Okkal Ernakulam Dt.



One day orientation to Student volunteers and BMC at Pampakkuda GP, Ernakulam Dt.



One day Oreinetation to Teacher co-ordinators, Wayanad district



Biodiversisty club Students viewing a documentary on biodiversity – GHSS, Kulathummal, Kattakada GP, Thiruvananthapuram district



Biodiversity awareness class at GHSS, Peruvallloor GP, Malappuram Dt.



Poster presentation on biodiversity conservation, GHSS, Peruvallloor, Malappuram Dt.



One day orientation class to student volunteers and BMC members at Chottanikara GP, Ernakulam Dt.



Biodiversity awareness class inauguration at SNHSS, Okkal, Ernakulam Dt.

PROJECT IMPLEMENTATION—SECTION III

Enrichment of PBR by Biodiversity Club members

Field study and data collection were undertaken by the volunteer leaders of biodiversity club of participating schools. Students were trained by project fellows of Kerala State Biodiversity Board who are engaged in PBR preparation. The students were given the contents of local PBR and asked to collect additional information regarding new flora and fauna that was not included in the PBR. The study was done during summer vacation ie, April –May. A good amount of information has been received on various types of plants and animals. The information so collected were transferred to the consolidation format and handed over to the concerned BMC and gramapanchayath for inclusion into the respective PBR. As a beginning it is a successful programme, though not complete. While arranging similar programmes, biodiversity club can complete the updation of biodiversity information in all gramapanchayath.

Details of newly gathered number of species of plants and animals by student volunteers

Thiruvananthapuram

Grama panchayath	School	No. of Plant Species	No. of Animal Species
Maranalloor	GHS, Kandala	45	35
Vellanad	GVHSS, Vellanad	53	12
Pallichal	VGBHSS, Nemom VGGVHSS, Nemom	36	30
Kattakada	GHSS, Kulathummal	44	20
Anad	SNHSS, Anad	123	48

Kollam

Grama panchayath	School	No. of Plant Species	No. of Animal Species
Sasthamkotta	GHSS, Sasthamkotta	20	9
Poruvazhy	JJVHSS, Poruvazhy	24	14
Thazhava	GGHSS, Thazhava	10	3
Kunnathoor	VGSSAHSS, Nediyavila	24	27
West Kallada	GHSS, West Kallada	35	30

Ernakulam

Grama panchayath	School	No. of Plant Species	No. of Animal Species
Pampakuda	GHSS, Pampakuda	118	56
Valakom	Mar Stephens VHSS, Valakom	28	18
Okkal	SNHSS, Okkal	20	13
Mulanthuruthy	GHSS, Mulanthuruthy	27	13
Chottanikara	GVHSS, Chottanikara	21	11

Malappuram

Grama panchayath	School	No. of Plant Species	No. of Animal Species
Vettom	GVHSS, Paravanna	27	22
Pookottur	GHSS, Pookottur	26	28
Elamkulam	AUPS, Cherukara GHSS, Kunnakavu	22	17
Peruvalloor	GHSS, Peruvalloor	62	27
Cheekode	GVHSS, Omanoor	18	15

Wayanad

Grama panchayath	School	No. of Plant Species	No. of Animal Species
Thavinjal	GHSS, Valad	27	9
Vythiri	GHSS, Vythiri	12	5
Kaniambetta	GHSS, Kaniambetta	13	7
Edavaka	St. Stephens HSS, Kallody	19	7
Noolpuzha	GHSS, Kalloor	11	8

Kerala State Biodiversity Board

Prof. (Dr.) Oommen V Oommen, Chairman, Kerala State Biodiversity Board
Dr. K.P. Lala Dhas, Member Secretary, Kerala State Biodiversity Board
Prof. Mohan P K – Senior Programme Co-ordinator, Kerala State Biodiversity Board
Dr. Pradeep C G – Assistant Programme Co-ordinator, Kerala State Biodiversity Board
Rajalekshmi P.G.– Project Fellow, Thiruvananthapuram District
Beenakumary L – Project Fellow, Kollam District
Soorya S R – Project Fellow, Ernakulam District
Anjana – Project Fellow, Malappuram District
Anwar – Project Fellow, Wayanad District

Staff of KSBB associated with the functioning of the project

Smt. Priyanka S., District Co-ordinator, Thiruvananthapuram District
Prof. Radhakrishna Kurup, District Co-ordinator, Kollam District
Prof. Anantha Pai, District Co-ordinator, Ernakulam District
Prof. VK Ibrahim, District Co-ordinator, Malappuram District
Sri. Ajayan P A, District Co-ordinator, Wayanad District
Sreeraj NK, Project fellow, Ernakulam District.
Mamatha, Project fellow, Ernakulam District.
Sreeja, Project fellow, Ernakulam District.
Ruhaina, Project fellow, Ernakulam District.
Remya, Project fellow, Ernakulam District.
Jithin, Project fellow, Malappuram District
Vijesh P, Project fellow, Malappuram District
Vinesh, Project fellow, Malappuram District
Makhdum, Project fellow, Malappuram District
Muhammad Safeer, Project fellow, Malappuram District
Rajeesh, Project fellow, Wayanad District
Sudheesh T, Project fellow, Wayanad District

CURRICULUM

- I A general account on biodiversity definition- Biodiversity rich countries- Hot spots of the world- Biodiversity & Hotspots in India- Biodiversity of Kerala- present condition- Need of Bio diversity conservation & sustainable use consequences of biodiversity depletion-
- II Convention on Biological Diversity (CBD) 1992- Biological Diversity Act-2002, Biological Diversity Rules, 2004- Kerala Biological Diversity Rules, 2008- Their important sections- National Biodiversity Authority- State Biodiversity Boards
- III Kerala State Biodiversity Board and its functions- BMCs in local bodies-constitution and function- Conservation and sustainable use of resources with peoples participation- Intellectual Property Rights (IPR)
- IV Preparation of People's Biodiversity Register (PBR)- Content of PBR-Role of students in the preparation of PBR-Students awareness and familiarization on biological and ecological factors of the local area based on PBR-
- V Role of Nature Club (Eco Club) in conservation and sustainable use of bio-resources- selection of suitable mini projects and programmes in consultation with the BMC and State Biodiversity Board- Sensitization on the consequence of overexploitation and misuse of resources and natural habitat, indiscriminate use of inorganic fertilizers, pesticides and insecticides in agriculture- sensitization programme on afforestation and organic farming , soil conservation and eco-restoration, wet land conservation, propagation of local cultivars, local domestic animal and bird varieties, alien weed eradication, Celebration of important days proclaiming conservation and sustainable use of bio-resources and habitat- Updating of PBR by field survey, Creation of a sound data base on all available information on biodiversity and environmental condition of the local body jurisdiction
- VI Specific information derived out from PBR for students



KERALA STATE BIODIVERSITY BOARD
L-14, Jar Nagar, Medical College (P.O), Thiruvananthapuram - 695 011
Tele fax: 0471-2448234 Ph: 0471-2859134, Mobile: 9846921737
E-mail: keralabiodiversity@gnnil.com Website: www.keralabiodiversity.org