

ANNUAL REPORT 2007-08



MAYURBHANJ BIOLOGICAL RESEARCH (MBR)



Note from the Founder:

When we started our journey in 1999, the goal was very simple: to conserve and research on the flora and fauna of Similipal and the other Biosphere Reserves of India and protection of Environment of five “J” (Jal, jamin, Jungle, Jan, Jeevan) and aware people about the environment and other social disability through training ,workshop ,seminar ,meeting & campaigns , and education. In 2007, the goal has taken on more meaning and we believe, mass awareness about the Biodiversity & its proper conservation and research, women & youth empowerment, cultural programme, and agro-base activities etc. Mayurbhanj Biological Research (MBR) is committed for scientific research, conservation and development of livelihood status of the forest dependent population, rural & tribal community, and create wide range of awareness to achieve the same.

The Annual Report-2007-2008 of Mayurbhanj Biological Research (MBR) , Baripada; reflects the annual progress from 1st April-2007 to 31st March,2008; made so far in this annual report.

Survival and wellbeing of human population is dependent on millions of species of plants, animals and microorganisms that we see around. Our Biological Diversity is under threat due to its over Exploitation which lead to serve shortage of Drinking water and new Desertification as in the North-western part of our country, unprecedented heat wave in summer and consequent death tolls, flood and supper cyclone as in the coastal belt of Orissa and lack of fodder, fuel and other sources of livelihood.

We are trying to be a change-maker. In the words of Mahatma Gandhi – “be the change you want the world to be”.

Word of thanks to everybody: persons work with Biodiversity, Natural Resource Management and allied activities , our passionate staff, institutions working for natural resources across the country, individual donors who have contributed freely, corporate donors, volunteers who have given their precious time and the grant support agencies, Different Department of Government of India and Government of Orissa,NGO’s,CBO’s to support us to strengthen our activities,the various internet knowledge sites maintained by organizations working for Biodiversity ,Natural Resource Management, forums for Biodiversity and Rural Development, media for helping generate awareness, government for its important role in enabling all this to happen – thanks for helping us for work for the Biodiversity/Natural Resource Management.

Finally, we acknowledge each other, in working together, closely and harmely, melding the prospective of two different but related disciplines, to put together a document to and use by a very wide range of purposes working in the vital field.

Date: 31st March, 2008
Place: Baripada

Samir Kumar Sahu,
Founder and Executive Director, MBR

Annual Report-2007-08,
MAYURBHANJ BIOLOGICAL RESEARCH (MBR)

Introduction:

Mayurbhanj Biological Research (MBR) is a Scientific Research and Developmental Social Organisation, non-profit, non-political, non-religious, non- governmental organization and for the charitable purpose. MBR was established in 24th December 1999 with active leadership of Sri Samir Kumar Sahu, Founder and Executive Director ,MBR; with view to conserve and research on the flora and fauna of Similipal and the other Biosphere of India and protection of Environment of five “J” (Jal, jamin, Jungle, Jan, Jeevan) by the young mass, women, local people, environmentalists, researcher, policymakers, mass media, administration and wise user group of this State and particular Asian Country and world wide; including the NGO’s, Trust’s, institutes, registered body, student, scholar, activist, environmentalist, community, youth environment leaders, teacher and professor of Schools, Colleges and Universities, and it was registered under the Societies Registration ACT XXI of 1860 in 2000-01 and providing the valuable serve to the Nation from inception.

How we work?

Vision of MBR: -

MBR Vision is to promote scientific research, adoption of value base technology for sustainable rural & agriculture development, self reliant and vibrant rural economy, literate and enlightened Rural Community who care for the conservation of natural resources and a clean environment, free from poverty and hunger, ensure safe portable water in all village, gender equity and social equality, Empowered Society especially of the weaker sections, capable of self governance and conserve & wise use of our biological diversity towards global environment in a sustainable manner and protect the earth for future .

Mission of MBR:

The mission of MBR is to assemble and share knowledge about nature in a systematically approach in order to improve scientific education, health, agriculture, biotechnology, molecular biology, economic development, energy, build insights, and enable individual and collective advancement in scientific research and study of biological diversity and conservation of complex environment and social issues facing society today throughout the world.

MBR equation:

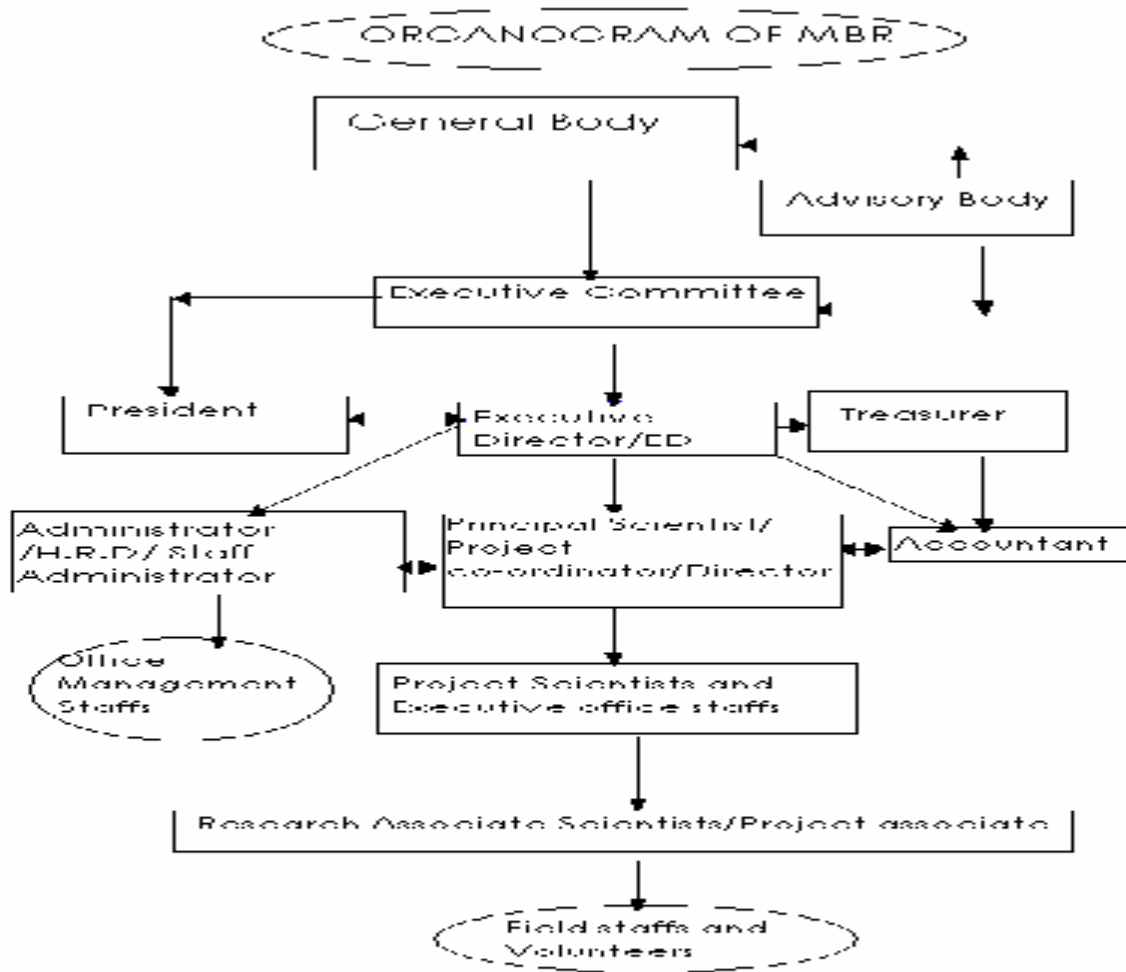
Good science + Good Process + Good people = Conservation Success

Strategies of MBR: -

These are the following strategies of Mayurbhanj Biological Research (MBR):

- MBR is a bridge between the people and Govt. programme.
- The Association prepares and implements self-projects, Programme and conduct Action Research studies especially on the environment and development related issues.
- Analyse, suggest and influence the Government in policy making
- Identifying key entry points for different thrust areas and key target groups within those areas for initiating and consolidating gain to be derived from the effort.
- The Association promotes public awareness in the field of Environment, Health, Education, Culture, Social assets managements and implement of Govt. Programme, etc.

ORGANOGRAM OF MBR:



(Structure of Management And Administration of MBR Baripada.)
The structures clearly show the General Body is the supreme authority of the Association

Associationship with other Organisations:

Since its inception the organisation has put all its endeavor to achieve the set objectives. By way of its operation it has come in close contact with the target group(s) and has become successful in establishing good rapport with them. Apart from this, the organisation has also developed excellent relationships with other nodal agencies, both state and international, who have been working in the respective areas.



A. Natural Resources & Wildlife Programme:-

(Eco-Development project Orissa)

This programme is our 8th Year programme of MBR in Similipal Tiger Reserve (STR), Mayurbhanj. Initially the programme activities was implemented in partnership with the local tribal and the rural people of other national organisation working in the conservation and natural resource management but this year (2007-08) we implement and conducted the activities independently with the active support from well wisher, friends and the local stakeholder of the area. This programme mainly focus on awareness, capacity building, campaign and meeting with forest dependent population and other community who mostly depends on Forest of Similipal. We also conducted some study in and research about the Species present and found in Similipal for the purpose of conservation and research. Similipal hosts a large varieties of Fishes, Amphibia, Mammals, Birds and Reptiles which are also included in the Schedules of Wildlife Protection Act (1972).



Fig:2, crocodile at river bank



Fig:3, Modul varieties

Perennial Rivers of Similipal:

There are more twelve number of perennial river come out from Similipal Biosphere Reserve ,which are life line of Balasore, keonjhar District as well as other state of India. The rivers name as Budhabalanga, Palpala, Sanjo, East Deo, Thakthaki, Salandi, Telsim, West Deo, Bhandan, Khairi, Khadkei.



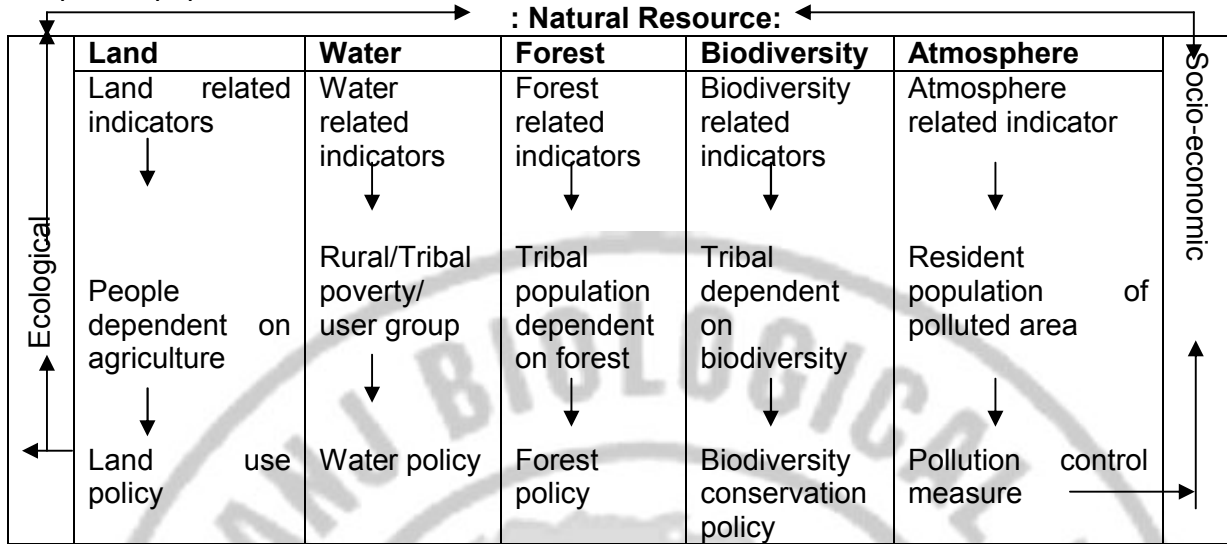
Fig.-4;

(fig-4 ; an season orchid and fig-5; Barehipani water fall in Similipal)



Fig.5

The measure taken for conservation of natural resources and restoration of livelihoods to the displaced population will also be addressed.



(Sustainable Natural Resource Management and Development)

The tribal community are the dependent on forest as a primary means of substance their livelihood. The local, Similipal forest dependent community collect forest, and NTFP and other resources .The committee discuss about the importance and measure to decision taken for conservation of forest of Similipal and wild life of the sate with respect to health issue of the tribal population of orissa.



Fig:6, Environmental Education



Fig:7, Olive Ridley sea turtles in the Gahirmatha

MBR conducted number of environment education programme among the community, youth and women to achieve our common mission and vision of MBR.MBR need grater support to strengthen the environment and conservation activities from the donor as well as the financial institution for this noble cause. we are thankful to our pattern for this gracious programme.

B. Bat Conservation and Awareness Programme:

Bat conservation and Awareness programme were the third year programme of MBR, Baripada. Generally Bat species were found in this Baripada and the near by reason because of Similipal Biosphere Reserve (SBR), and the fruit bearing trees were found in this area. Presently habitats are under in pressure . Knowledge about the usefulness of bat fauna and their research is very poor in this biodiversity rich area. Hundreds of bat individuals are killed for the purpose of meat, medicinal use (e.g. Cure Asthma) and for spiritual purposes. On the other hand, due to large-scale deforestation, destruction of natural caves from hills and for mining practices bat habitats are dwindling rapidly from this area along with other life forms (Ali, pers.comm.). Looking at the above facts “Bat Conservation and awareness programme” of MBR was started in the year - 2005 under the leadership of Mr.Samir Kumar Sahu, Executive Director and researcher of MBR.



Fig:8, Bat natural rest house



Fig:9, Bat was realise to natural rest house By Executive Director

In this programme we address Conservation, Education and Awareness programmes will be conducted at Schools, Colleges and public places. Identification & Mapping of bat roosting sites of Baripada and Mayurbhanj District of Orissa. And Conduct workshop cum training programmes for young, interested Bat Lovers of East India.

MBR need your grater support to strengthen the Bat Conservation and Awareness programme in the successful manner to save the endanger species BAT.

C. Environmental Impact Assessment Study in Puri (Global Warming):

The said programme activities were carried out in sea beaches of puri under puri District of Orissa. ,the programme mainly study the livelihood impact of the nalia and the fisher man community and other dependent community as a whole. The study programme was head by our research volunteer Mr. Somnath Chand, MBR Youth Co-ordinator, Mr.T.P.Behera, Membership co-ordinator, MBR and other 15th research volunteer from the MSW background. The study find that; due to global warming not only increase the sea level but also destroy live of many living culture for the dependent community. Sudden rise of sea water level in puri area the communication link will be failure. Some aquatic animal and other sea aquatic animal also face a common change. Which difficult for survival for such chage.



Fig:10, Research volunteer at puri



Fig:11, Research volunteer at puri sea

In this programme MBR address the livelihood impact, among the sea dependent community due to global warming and other natural pressure fell in our community, This programme will give us the information and knowledge to work for the climate change and global warming.

Keeping in mind MBR develop such relation with the similar organisation working in the allied activities. MBR need your grater support to strengthen the Environmental Impact Assessment Study in Puri sea beach (Global Warming) and Awareness programme in the successful manner to save the endanger species of our natural earth for the future generation.

D. Environmental Capacity Building and Networking

Environmental Capacity Building activities were carried out in foothill of similipal in Badgan G.P.of Bangiriposi Block, Chandan Jadunathpur GP of Badsahi Block, of under Mayurbhanj District of Orissa. , MBR-India strengthens the capacities of tribal communities and formed two VDC and eco-development committee were formed to manage their natural resource.

The committee also look the developmental work in their communities. Promoting Bio energy programme and other environmental activities in the target village. So that they can effectively manage the Natural resource available in their area. The capacity building carried out through following area:-

Awareness creation on wildlife conservation, improved natural resource, management, tribal rights, gender and equity issue.

Identification and planning of village development activities with out violating law.

Planning and formulation of development activity proposals at household and community based institution level.

Sustainable progress has been made in project formulation in the conservation area.

The MBR-India mainly attempt to increase the economic stake for conservation of natural resources and wild life, which is achieved through active participation of communities and supporting friends and contributors.



Fig :12, Environmental capacity building training programme



Fig :13, Discussion and sharing experiences

E. Environment and Human Rights Programme:

Environment is the sum of total of all condition and influence that affect the development and life of a human being and other organisms. It includes air, water ,land, flora and fauna and especially representative sample of natural ecosystems must be safeguard for the benefit of present and future generation though careful planning or management ,as appropriate.”

Increasing the world population

Population has grown at a significant rate, from 2.5 billion in 1950 to 6.2 billion today, yet the renewable water supply per person has fallen by 58% and the number of population in the world is like to jump to 9.3 billion over the next 50 years. As population rise, water supplies will become more and more stresses and the issue of adequate water is more critical.in the world like to jump to 9.3 billion over the next 50 years.

Under this programme MBR create wide range awareness on right to life and fundamental human right for proper consciousness for sustainable development. Right to life, Right to food, Right to self-determination, Right to adequate standard of living, Right to living, Right to education, Right to health, Right to take care in cultural life, Right to suitable working condition.

Human need and learn to live within the constrain imposed by the physical environment and reconised that the latter is both a provider of inputs and sink for waste. As provision is better than the cure, we need immediate measure to readjust our ecosystem before it's become it irreparable.



Fig :14, Environmental right training programme



Fig :15,Environmental and human right programme

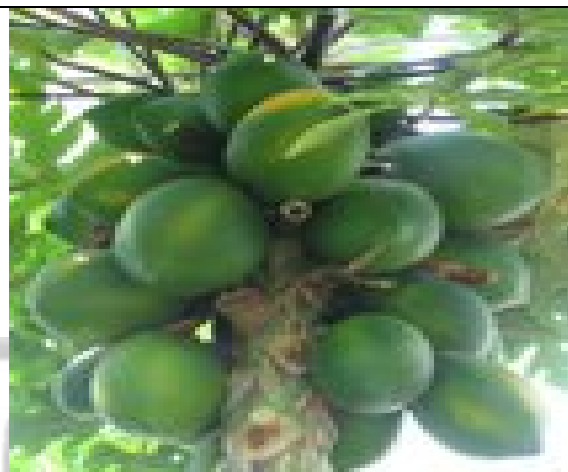
The natural environment resources of air, water, soil, plant and animal life constituent the natural capital on which man depends to satisfy his needs to achieve his as a position for development.The wise management of these resources demands positive and realistic planning that Balance human being the potential the environment has for meet them.

F. Health & Nutrition programme :

Health and Nutrition is an import of the quality of life in a society, the relationship between malnutrition and ill health is as close the relation ship between malnutrition and population explosion, which has been revealed in recent studies. As healthy children are the nations pride, healthy people also contribute the most for the National Development their work. Good healthy needs all the nutrients that come through food-calories, protein, vitamins and minerals. Malnutrition is the most responsible factor for influencing high rate of child mortality directly and indirectly. Malnutrition also leads to death of a number of older children.



Fig;16, vegetable grown



Fig;17, vegetable for healthier family

Observing the above scenario, MBR organised education programme at school, village level to educate people and aware them about their basic right and health care with active participation with community and paying for agricultural activities for food security for the hidden hunger and the targeted population. Also promoted kitchen garden at their home land by using biofertilizer and organic pesticide, will be motivated to use in their agriculture practices for better crop production and healthier nation toward global food security.

G. Malaria control and Awareness programme:

Malaria, which only control through proper consciousness and prevention. MBR conducted malaria control and awareness activities in different village level and more target to the Badampahar CHC under kusumi Block of Mayurbhanj District. Under this programme a number of preventive measure were taken to combat such situation. MBR distribute 1200 (twelve hundred) numbers of mosquito bed net were distributed in Adharbandh sub-centre in targeted village among the BPL and APL community with the active support from district Administration, Malaria office, Mayurbhanj, under the guideline of NVBDCP. To overcome & maintain the surrounding water bodies and their home side drain keep clean the dust particle and minted the same through demonstration, organising camp and basic education for cleanness. MBR India actively involves with District Malaria Office, Mayurbhanj and do work with actively with different activities.

H. Population Control Programme

One in six people in the world lives in India and the population may surpass that of China by 2040. Ironically, India was the first country to launch a national programme on Population in 1952, but it was only in 2000 that a National population policy 2000 was adopted. Population control is the major issue, Development in economic, Health & Education & Shelter to each individual family and adequate food. As India is largest 2nd populated country in the world after China. MBR-India gives its trust on it by organising village meetings, seminars, motivation to newly couple, especially to women to use contra positives and motivate man to use condom during sex. MBR mobilising to the Government health department, which are existing at the community level to overcome the situation.

I. Indigenous medicine use camp

For century long tribal (indigenous) people use wild herbal medicine as old as tradition for their common disease as a health care. Due to the continuous deforestation process caused due to urbanisation, industrialisation, poducultivation & horticultural purpose, many life-savings medicinal plants are in the process of extraction.

MBR take state to preserve the medicinal plants and promote the use of such plants through health care programme at village level.

J. ORGANISATION OF CULTURAL PROGRAMME

The organization has been conducting various cultural programmes from time to time under different projects. All the campaign activities including the consumer club programmes were conducted with a strong cultural component in each. Some collaborating organizations extended their cooperation to the organization for carrying out the cultural programmes.

Under the adage of “Cultural Programme” and to strengthen the traditional culture and flocks media in the tribal District like Mayurbhanj and attach then with out any cultural felling and work for Nation with common vision and mission. The “District level cultural programme” was organized to encourage the sprit and one-one interaction with the different culture and understanding the importance of such programme. Its the platforms to guide the youth to understand the traditional culture and its relation to communal harmony , link with such wide-ranging community with different cultural identity like; Chhaue, Odisi and Jhumar etc.. Looking to the point and importance's of Cultural Programme ; MBR organized number of Cultural Programme, Youth, rural energy programme and rural development, Women empowerment and Development and other Development work in the field of agriculture, environments, education, wildlife and Rural Development. MBR performing the Cultural programme for practical purpose among youth, women, men and the community as whole and also to the college Students and policy and decision makers. The Cultural programme was resource full, enjoyable and participatory with the awareness creating about traditional culture and its importance and further hence to strengthen the cultural Clubs in the Mayurbhanj District, Orissa and the resources available at government level. The cultural programme was the competition among the different cultural group such as Chhaue, Jhumar and Odisi, The Jhumar Song and Group Dance competition was also enjoyable by which house was full with participates and as the General audience in the programme. The programme was completely collaborative and participatory and found to be successful tool to motivate and create awareness among the Youth on traditional culture.

MBR committed to continue the programme as Youth and Cultural activities were mandate to bund the people with cultural development and Development of Nation. These programmes also interact with different cross-cultural people. Hope that this Programme -2008 will organized in any other place will be benefits to our Youth community and the cultural groups thou who were in the lack of knowledge in the role and responsibility nation building and harmony.

K. National Environmental Awareness Campaigning:

National Environmental Awareness Campaigning-2007-08 was organized under the theme of “Biodiversity conservation” to conserve flora and fauna and understand its contribution to the society and save such for our future generation .Looking to the point and importance's , **Mayurbhanj Biological Research (MBR), Baripada** was organized one day workshop on Community Biodiversity Management, Baripada 20th March 2008 in the Baripada Block of Mayurbhanj District of Orissa in collaboration and the financial Assistances as



from the Animal Welfare Society of Orissa, RRA ,Ministry of Environment and Forest,Government of India, MBR organized number of Youth Programme, rural energy programme and rural development, Women empowerment and Development and other Development work in the field of agriculture, environments, education, wildlife and Rural Development. MBR performing the awareness programme for practical purpose among youth, women, men and the community as whole and also to the college Students.

The programme was inaugurated at by the distinguish person like Dr.Sailendra Nath Paikray, lecturer of **U.G.B.ED College,Baripada**, Dr.Srusti Dhar Rout, Lecturer ,Department of wildlife and conservation Biology,North Orissa University ,Baripada, Dr. H.N. Thatoi, Reader and head, Department of Biotechnology, North Orissa University ,Baripada, Ranjan Mohapatra, and Mr.Samir Kumar Sahu, Executive Director of MBR .All the resource person were highlighted about the importance's of the biodiversity conservation and the data base of such species found in similipal and advice to prepared for biodiversity register. In the enter day programme was resource full and participatory with the awareness creating about the Youth role and the resources available at government level. In the programme total 32 youth participated

Most of the participants ware satisfied about the programme and thanks to **MBR** to Organized the progamme in our **U.G.B.ED College,Baripada** .In the programme ended with snakes & tea and we parted as friends due with a warm regards.

I. Zung-e-Azadi:

MBR organised five number of awareness programme in Baripada Block in the eve of 150 years of independent. This programme was supported by Nehru yuva Kendra Sangathan,Mayurbhanj,Ministry of Youth Affairs and Sport, Government of India.

Under this programme MBR work under the guidance of NYKS,Mayurbhanj for its proper awareness and bring people towards unity for the common social cause.



J. Training programme :

During the year 2007-2008, MBR-India conducted various staff Development training, Leadership training programme and programme level training to the volunteer staff. Farmers training programme also organised to use of Bio-fertilizers & Bio pesticides for better food production and keep soil fertility. As result village become hunger free.

M. Seminar and Training attend by MBR:

We (MBR) attended various National/International level Seminar/ Orientation/Workshop/ Training programme. We attained the training programme on Environmental capacity Building and sustainable utilisation organised by M.C. Mehta Environmental Foundation, New Delhi. MBR also attained the workshop at North Orissa University",Sakti Sikha,sponsored by Department of Science and Technology,Government of India, krishi Vigyan Kendra,Mayurbhanj, Reserve Bank Of India,INSA India, Bhopal and also attained the different training programme like NABARD etc..



Samir k. Sahu, Executive Director ,MBR Receive the certificate from Dr. G.D. Agarwal,Former secretary to Government of India, Central Pollution Control Board,New Delhi.



Samir k. Sahu, Executive Director ,MBR and A.k.Sharma, member of MCMEF,New Delhi

N. Documentation and Networking.

The documentation on various social welfare issues continued this year as before in the form of publications, collection of materials from websites, government and non-government agencies, other development agencies and CD ROMs along with the maintenance of a Library. The interested journalists, NGOs, lawyers and scholars were provided with information on various topics as and when they wanted. The representatives of government were also provided information on various issues including drug abuse and trafficking of women and children.

Besides the like-minded NGOs were provided with assistance in the matter of accessing information on different schemes, formulation of project proposals and reports, preparation of background materials and facilitation in holding of meetings and workshops etc.

There are copies of various schemes, guidelines and legal documents, publications were available in MBR library.

O. Celebration of some important days:

Create a fresh atmosphere among the people, volunteers, project staff; member of MBR and to give respect to the National & International issue, MBR-India celebrates all the National and International celebration along with regional festivals. By celebrating those MBR-India motivate the community and build up the unity among them.

- | | |
|---|--|
| 1. Republic day 26 th January. | 11.Foundation day of MBR 24 th December |
| 2. Independence day 15 th August. | 12.World Aids day 1 st |
| 3. World Environment day 5 th June. | 13.December 26 th January. |
| 4. World Forestry day 20 th March.. | 14.International women day 8 th March |
| 5. Teacher's day 5 th September. | 15.International Volunteer Days 5 th December |
| 6.Children's day 14 th November | 16.World Population day 11 th July |
| 7.World Food day 16 th October | 17. World Earth Day 22nd April |
| 8.Indigenous people day 2 nd May | 18.world Human Rights Day 10 th December |
| 9.World Health Day 7th April | 19. International Day for Biological Diversity |
| 10. World literacy Day 8 th December | 29 th December |

p. Mobilisation of Govt. Resources

MBR is a NGO's, which functions various Research, Conservation and developmental activities. It got a high resource from its own efforts as well as from Governments and NGO's. MBR mobilises the Government resources at the time of activities whenever it needs. MBR believes together work to achieved common mission, and helped Government institutions. It is not easy to carry out programmes. In every year MBR organises some seminars, training, conference and mass meetings by mobilising government functionaries and institutions with active participation of Student, professor, researcher, Environmentalist, Administrator and the community where we work for them.

Q. Involvement with Government Programmes

MBR/India as a non-profit research oriented scientific NGOs, it actively involve and participate with Govt. department such as district Forest and Environment, Health department, scientific research institute, District Education department, DRDA, ITDA, ORMAS, various tribal development agencies, UNICEF and welfare department of this district. MBR actively involved in polio immunisation camp to eradicate polio and WHO, UNICEF and Heath Department. MBR develop wide network with various Govt. and NGO who are work in the same activities as MBR-India, Baripada.

R. Review at the Yearend

- a) Mobilised the financial support.
- b) Interference of local political leaders
- c) Lack of scientist facility for Research in scientific matter.
- d) High expectation from the govt and non-government dept as well as community.
- e) Develop national and international network.
- f) Involve with Scientific research and development.
- g) Involve people participation in all activities.

We take the opportunity to thank all the supporters, research person, staff of MBR and friends for their trust and generous support for the needy and have appreciated and accepted our noble endeavours as a part of the global peace, prosperity, solidarity & sustainable development.

-----Thanking you-----

Contact us at :

MAYURBHANJ BIOLOGICAL RESEARCH (MBR)
BHANJPUR, BARIPADA-2, MAYURBHANJ.
ORISSA, INDIA, PIN-757002.
Fax: 06792-253766
Cell: 094372-39929
E-mail: mbrindia@gmail.com,
mbr_18_india@rediffmail.com



“Conserving Nature, Preserving Life”