



NISARG VIDNYAN MANDAL

ANNUAL REPORT FOR APRIL- 2023 TO MARCH- 2024

Nisarg Vidnyan Mandal (NiViM) established in 1991 by dedicated ,devoted and determined young science teacher and nature activist to inculcate a culture of Nature conservation with popularization of a culture of science to enhance scientific attitude among student6s,youths, women ,tribal and marginal farmers.

Vision : Act to provide a platform to students, youths, women,tribal, marginal farmers and rural community stakeholders to solve socio-economic problem ,women empowerment, watershed management, waste management, a forestation, biodiversity conservation, heath education for sustainable livelihood security and networking of local community with s line departments for proper management of local environment and natural resources.

Mission :

- To create sustainable & healthy communities are honour of Human & Environment well being, so they need to be motivated to take up environment protection activities in a sustained manner in the project area.
- To build capacity among students, teachers ,women, farmers and rural community in terms of degradation of environment and its consequences and measures to protect the same for sustainable environment and ecology.

Core activities and action areas :

Sustainable agriculture	Natural resources management	Basic Science Education	Community development
Climate resilient, Alternative/organic/natural farming for sustainable agriculture through strengthening of integrated agricultural practices to aggro-ecology adoption.	Forest protection,afforestation, Community right management & implementation (I.e.FRA-006, BDA-2002 etc), Water conservation & management,Wildlife conservation and Indigenous Livestock development	Science & Environment Education through Demonstration (SEED), Nature Science camps,Agri-tourism for science popularization at NETRAVAN, Study forum for competitive examination.	Capacity building & potential strengthening of SHG, Tribal , marginal farmers group by formation of Farmer Clubs, Farmer Produce Company(FPC),FPO, Community Forest Right Management Committees(CFRMC) by formation of community cadre.



CFRMC to strengthen capacity forest dwellers :

Nisarg Vidnyan Mandal (NiViM) is believing on self strength to acts in community. So, number of projects organized and run by NiViM are voluntary. Voluntary work and participation of members also strengthen the capacity of voluntary workers with support of local donations and CSR funds.

Since 2012, NiViM supporting to conserve forest land by participation of community by implementation of a policies of Forest Right Act.(FRA-2006) to inculcation of a culture of Natural Resource Management(NRM)for livelihood security. Presently NiVi,M is working with 45 Gramsabha of 19 Grampanchyat (GP) including 3368 house holds and approx.40000 population.Community Forest Right Management Communities(CFRMC) have statutory rights of preparation of Conservation Management Plan (CMP) . Community members are directly participating in the process to asses their individual & social needs for sustainable development of every villagers through work of water, forest,domestic & wild animals conservation.Natural/organic farming also.

Since 2022-23 to FY 2023-2024,LASNER INDIA(p)Ltd is supporting regularly to strengthen capacity of tribals, women and marginal farmers located on the fringe of MCR .Training s on implementation of FRA-2006 to form Community Forest Right Management Committees(CFRMC) and execute it to conservation of forest with security of livelihood of tribal and forest dwellers .



CFRMC formation meetings organized at village level and training's of CFRMC representatives at NETRAVAN regularly.



Water Conservation (Chala Januya Nadila and Nadi Sanvad Yatra)

: NiViM promoting a campaign to rejuvenation of AAM river under the programme of Sanskrutik Mantralaya of Govt. Of Maharashtra . “ Chala Nadila Januya” is ambitious programme of Govt.of Maharashtra lead in Nagpur district under coordination of Dr.Vijay Ghugey, Founder NiViM and Mr.Ajay Mahajan ,Executive Member of NiViM .A rally and Jal pujan of AAM river carried out in association of forest department and GP members of the villages on the bank of Aam river. Under the chairmanship of District collector Nagpur. Nadi sanwad Yatra flag off to sensitise the villagers of Makardhokada, Sindivihiri, Jamgad, Khairee,,Amgaon villages of Umred taluk. Jal Kalash pujan and plantation organised at Khairee (Buti) on the bank of AAM river.



Dr,Vipin Itankar (IAS) collector Nagpur planted a tree of Kadunimb at Chitrlekha Bhosale Highschool, Khairee (Chargaon).Ta: Umred, Dist : Nagpur. Dr.,Bharatsing Hada,DyCF,, Mr.ChavhanSDO ,,Umred and Mr.Abhijit Choudhary,Dy.Collector Nagpur were participated in the programme.

महाराष्ट्र शासनाचे लोकसहभाग अभियान
चला जाणूया नदीला
आम नदी संवाद यात्रा अभियानाचे उद्दिष्टे

- १) ग्रामस्थांना 'नदी साक्षर' करण्यावावत उपाययोजना आखणे.
- २) लोकसहभागाने नदीचा सर्वतोपरी अभ्यास करून नदी किनाऱ्यावर पदयात्रा (नदी संवाद यात्रा) चे आयोजन करणे.
- ३) नदी वारमाही (अमृत वाहिनी) वाहण्याकरिता आराखडा तयार करणे.
- ४) नदीचे स्वास्थ्य आणि मानवी आरोग्याचा सहसंबंध समजून समन्वय साधून प्रचार, प्रसार व कार्य रूपरेषा तयार करणे.
- ५) नदीचा तट, प्रवाह, जैवविविधतेवावत प्रत्येक गावात चर्चा, बैठक, सादरीकरण/पथनाट्याच्या माध्यमातून शासनाच्या योजनांची ग्रामस्थांना माहिती देणे व अंमलबजावणी करणे.
- ६) नदी खोऱ्यांचे नकाशे, नदीची पूर रेषा, पाणलोट क्षेत्राचे नकाशे, भूक्षरण, पर्यटनाच्या नोंदणी, मागील पाच वर्षांतील पूर आणि दुष्काळाच्या नोंदी याबाबतची माहिती संकलित करणे.
- ७) पावसाचे पाणी योग्य जागी अडविण्याकरिता जनजागृती करून भूजल स्तर उंचावणे, बांध बंधीस्तीची दुरुस्ती, नाला खोलीकरण इत्यादी.
- ८) अतिक्रमण, शोषण आणि प्रदूषण या तीन प्रमुख कारणांचा अभ्यास व त्याचा परिणाम समजून घेवून कुती आराखडा तयार करणे.
- ९) नदी संवाद यात्रा आयोजनातून प्राप्त प्रमुख मुद्द्यांच्या माध्यमातून रचनात्मक कार्यारंभ करण्याकरिता शासनाच्या प्रत्येक योजना व ग्रामस्थांच्या सहभागाचा समन्वय साधून नदी अमृतवाहिणी करणे.
- १०) नदी समाज आणि शासन यांच्यात सुसंवाद प्रस्थापित करणे.

आयोजक आम नदी संवर्धन समिती, नागपूर जिल्हा, महाराष्ट्र शासन



A second round of rally to understand biodiversity and ecosystem of AAM river organised to visit all 22 villages on the bank of AAM river, DR.Vipin Itankar(IAS)

Collector Nagpur flagged a Sanvad Rath started from Khairi.,Dr.Bharatsing Hada (IFS) ,Dy CF Nagpur,Mr.Harvirsing(IFS),ACF , Ar.Pradhubhanna Sahastrabhiyani, Prof.Arvind Kadabe a member of District Committee,Nadi Sanwad Yatra(NSY) Chala Januya Nadila and Dr.Vijay Ghugey ,District Coordinator ,NSY,,Chala Januya nadila and Founder ,Nisarg Vidnyan Mandal(NiViM) were present with Dr.Vijay Dhurve,Sarpanch,Grampanchayat Khairi{ Chargaon}



Deputation of Chala Januya Nadila campaign for " Nadi Sanwad Yatra" team under leadership of Dr.Rajendrasing (Jalpurush),Mr. Narendra Chug ,Ankush Narayankar(Jalbiradari) ,Mr,Bapu Kulkarni and Dr. Vijay Ghugey (Founder,NiViM) discussed a problems and its solution to rejuvenate rivers of Maharashtra state with Hon'ble Shri Sudhir Mungantiwar, Cabinet Minister of Forest & Cultural affairs .



CFRMC working a nodal agency for implementation of MREGS

: NiViM supporting to Gramsabha of villages in Umred, Bhivapur and Kuhi taluka. Out of that CFRMC formed in 45 villages of Umred tauka, 32 villages of Bhivapur taluk and 30 villages of Kuhi taluka to work on conservation of water, soil, land and wildlife by participation of local community.To secure livelihood of local community a programme like collection of green leaves of Tendu implemented for tendu collection season 2024.Out of 45 CFRMC Gramsabha of Umred taluka.21 CFRMC Gramsabha participated in tendu collection through offering tenders through Vidarbha Gramsabha Mahasangh.But, In fact 14 CFRMC Gramsabha villages actual collected a green leaves of Tendu due to fear of carnivores. One unfortunate event happened with a tendu collection team of Bhivgad,A leopard attacked on Kalpana Choudhary in the forest during plucking of green leaves. She had died. In this season of 2024,Green leaves of Rs, 2167653.00 sold by Umred taluka Gramsabha Mahasangh.

CFRMC Gramsabha Notified as an implementing authority for MREGS at Village level .So, Gramsabha for preparation of Conservation & Management Plan (CMP) organised .



Maisha Padhole,APO (EGS) share her views for better implementation of MREGS at Village level by CFRMC Gramsabha

Implementation of FRA-2006 in 45 villages of UMRED taluka started by NiViM team in August-2022. Presently , 21 CFRMC Gramsabha participated in Green Tendu leaves collection through Taluka Gramsabha Mahasangh (TGM) and 18 CFRMC Gramsabha organized an interaction team with their own Gramsabha members for implementation of a GR of MREGS dt. 30th November 2024



Meeting for implementation of MREGS ,GR,Dt.30th November 2024 for regular work at village level with conservation of Natural resources.

.These all 18 CFRMC Gramsabha nominated by Commissioner (EGS) on Govt. portal as an implementation agency for Mahatma Gandhi Rural Employment Guaranty Schemes (MREGS) for their own village. 14 CFRMC Gramsabha prepared a Conservation Management Plan (CMP) and submitted a proposal of essential work to BDO office for addition in samruddhi Budget .



Training for capacity building of Community-members at NETRAVAN Community Resource Centre (CRC) Khapari (Davha) :



नवराष्ट्र



Second batch of training organised on 21st and 22nd August 2023 at NETRAVAN. 68 participants from 32 CFRMC Gramsabha and participated in the training. Mr Dilip Gode ,Rxecutive Director,VNCS, Dr,Vijay Ghugey ,Founder Nisarg Vidnyan, Mr.Wasudeo Kulmethe, Rtd, DFO and Advisor ,Tendu Tendering Samiti Vidarbha Livelihood Forum. Central office of Umred Taluka Group of Gramsabha also to inaugurated in the presence of dignitaries.

Expert team of NiViM regularly visiting to all villages to understand the process adoption of working spirit by community members. All documents including daily diary,job cards and pass book for each tendu collection team member.Villagewise brain storming meetings at in villages organized by NiViM to interact and inculcate the concept of wildlife conservation, Forest protection, need of natural farming. Dr.Vijay Ghugey,Mr. Wasudeo Mr,Abhinav, Mr.Dipak Shahu (Social activist) were participated and share their views for management of natural resources by participation of community.

Objective	Activities	No. of activities	No. of participants	Outcomes
Livelihood security of Forest dependence community	Green leafs tendu and other NTFP Collection	meetings with CFRMC Gramsabha , members	12000 plus Including 40 Village gramsabha	Selected youths from each village accepted Responsibility as a team Team leader
Training s to understand GR of MREGS and its benefit	Training cum brain storming sessions for cluster of villages and Field Visit to work plan on identified land of CFRMC Gramsabha in each v illage,	Fort nightly meetings to follow up of work with villagers and local staff of line department through CFRMC committee for discussion.	MREGS work card holders and executive members to start the work in 40 villages of Umrde taluka .	Community leaders of one villages decided to do manual labor (<i>Shramdan</i>) for work of plantation . Identified social problems and discussed to find their solutions by support of experts in NiViM network and Govt.. offices also.
Preparation of Conservation Management Plan (CMP) by community participation	Activity of Participatory Rural Appraisal (PRA) Conducted through Gramsabha at Pada/Tamda/Tola	10 meetings in 40 villages by coordinated by NiViM staff members under guidance of executive directors.	600 village level active members of CFRMC directly participated and 4000 population will be be benefitted indirectly .	Stake holders were aware to understand the provision of FRA-2006 and its use for implementation of MREGS work through CFRMC as an independent agency in these villages,



Mr. Dnyanesh Bhat,Dy, Collector (EGS) Nagpur and Mrs.Manisha padole APO (EGS) Panchyat Samiti Umred explained rules for implimentation of MREGS by CFRMC.



Solution on Man–Animal conflict by action of forest conservation : After declaration of MCR to minimize or avoid Man-Animal conflict. NiViM decided to organized a Gramsabha in the villages to form a Community Forest Right Management committees (CFRMC) in concern village/pada/tanda/tola of their

Grampanchayat vicinity .As per Forest Right Act-2006 and rules -2008 and revised rule-2012 section (4) (1) (D).CFRMC formed during October,1st to 7th,2023 to celebrate wildlife week by Nisarg Vidnyan Mandal(NiViM) .

Positive impact of NiViM action and interaction with villagers as a member of CFRMC created positive approach towards wild life conservation.Result is a population of tiger and flagship species of biodiversity enhanced in MCR.

NiViM submitted proposal for conservation of 96 Sq.Km.Muniya Reserve Forest (MRF) .It is an ideal Corridor between PTR,TATR,BTR and UKPWL .Tireless follow up of 14 years by NiViM with forest department. On 11th May 2021, Govt. Of Maharashtra notified this area as a Muniya Conservation Reserve(MCR). It is hot spot of wild bio diversity of flora, fauna.



Not only these carnivores but also herbivores include Spotted deer, Black buck, Blue bull also roaming freely in forest and agriculture land also. NiViM team is regularly organising a brain storming sessions with farmers have farm land on the fringe of forest. As sample Work of 8 Km CCT have 2.5 mt width and 1.5 mt.depth proposed in Bhivgad to create permenanet barrier betwwen forest and field. Water stored in CCT will be better source to aquifer recharge and live fencing of thorney plants like Karwand, Shikekai, Sagargoti have dual role.Itn is the best fencing and source of fruit production to generatean additional income . Roaming of wild life is better as a flagship of reach forest fauna and flora

It is matter of pleasure for visitors but fear for villagers and farmers working in farm,cattle owners, Because, cattle kill by omnivores and crop raiding by herbivores are common.It is seed of Man-animal Conflict. NiViM team and members of CFRMC, Farmer Club are always organizing in awareness programme.

We are promoting this situation of maximum siting of wild life in an around farm land or in the buffer of MCR by follow up of a proposal of Eco-tourism in this area. Due to activities of tourism in the area community members



Particularly youths will get self employment as a guide, home stay owner, gypsy driver cum owner by facilitating an urban tourist during visit at Muniya Conservation Reserve (MCR) for safari. It have p[otention to engage more than hundred youths, farmers from 09 villages situated around the MCFR.



Women Empowerment for sustainable livelihood and self employment : NiViM formed Self Help Group (SHG) in these villages to inculcate a thought of self respect, self sustain and help for neighbors .Regular training's for self employment through sustainable agriculture and agri allied practices by support of the CSR fund of Lasenor india Pvt.Ltd.A training of development by value addition on farm produce and natural farmings organized at NETRAVAN. Three training for 150 women from 10 villages organized . Some of them started a good business.



12 women started their own bussiness of Gomay produce making .23tribal women form a group for combine agriculture by formation of Tribal women Farmer Producere Company(TWFPC) . These women farmer trying to use an organic manure and fertilizer to minimize use regular chemical fertilizers and pesticides. NiViM team is supporting them by training for marketing.



Presently, NiViM selected majority of women as a member of Community Forest Right Committees(CFRMC) to work for conservation of forest, water and wildlife.



Networking with like minded NGO and GO partners :

Work of reformation of present situation for sustainable development is a work of single man ,women or an NGO . NiViM ream always working together on common agenda with Gramayan Pratishthan, Ambuja Foundation, Vidarbha Livelihood Forum(VLF), Regional Centre for organic Farming (RCOF),Bharat Krushak Samaj, Agriculture Department, Tribal dept, forest dept..Indian Association of Physics Teacher(IAPT),Science & Art colleges, Schools ,etc

NiViM also working in association with state level networks include Action For Agricultural Renewal in Maharashtra (AFARM), Maharashtra Voluntary Action Network(MAHAVAN), Chala Januya Nadila (CJN), Shiksha Sanskruti Utthhan Nyas (SSUN), New Delhi,



Dr.Ajaysingh,Director,RCOF,Dr,Subhash Nalange,Bhartiy Krushak Samaj are dias.



NiViM is partner of open forum of NGO , Vidarbha Livelihood Forum (VLF) . Under this network .We are working for Forest Right Act (FRA-2006) in 40 villages of Umred taluka particularly and as an extension of work proposed in 32 villages of Kuhi ,30 villages of Bhivapur taluka of Nagpur district. Meetings of Taluka Gramsabha Mahasangh (TGM), District Gramsabha Mahasangh (DGM) and Vidarbha Gramsabha Mahasangh (VGM) also organized at NETRAVAN for discussion of policy, strategy and networking to implimentation of FRA-2006 effectively. Four meetings of TGM, 02 meetings of DGM and 01 meeting VGM held at NETRAVAN during FY-2023-2024.



Plantation as an inspiration for forest restoration by community : Plantation is inherent tendency of our organization. Since foundation day Nonember,14th 1991 to as on date NiViM planted more than lakhs of saple and protected also from the bottom of heart, Financial year 2023-24, NiViM anounced scheme self awareness and action for plantation of saple equal to the birth year of any Nature lover, NiViM launched a scheme plantation by individuals on their birth day,relatives birth day or on the anversary of memorable event of life by donation of Rs,500/-plant to NiViM. First nature lover Mr,Kishor Kelapure, Executive Member, Gramayan Pratishthan donated Rs.30000/- on his 60th birth for plantation of 60 plants at NETRAVAN CRC (i.e. Nature Science Education, Training and Research for resilience in Agro -forestry Adventure for Voluntary Action Network,) It is Community Resource Centre (CRC) of Nisarg Vidnyan Mandal (NiViM) at Khapari (Davha),Ta: Umred ,Dist: Nagpur.This mission supported by Mr. Prakash Parande, Mr. Abhinav Ghugey, Dr.Vijay Ghugey and his friends also donated for a plants .Fund of Rs.200000/- generated as a local donation for 400 plants.Such ventures are seed of real activism for nature conservation.

Plantation by community participation at NETRAVAN for birth day celebration by contribution of Rs 500/- per year with respect to age as donation to NiViM for maintenance up three years.



Plantation by Nature lovers on their birthday & other memorable moments at NETRAVAN.



Animal welfare & Threatened species conservation

(AWTSC) network : Nisarg Vidnyan Mandal (NiViM) is working for conservation of (Godhan to Wild life) indian breed of animals under the title of AWTSC. NiViM have its own Goshala at NETRAVAN. Presently 30 cattle of 05 indian breeds cow. Our approach is propagation of interest and handling of indian cows by local community. NiViM organizing a training for women of NETRAVAN vicinity to make items like Soap, Ubtan, Panati, Dhoopghat, Dhoopbatti etc by use of Gomay (Cow dung) and Gomutra (Cow urine). Mr. Bhagwandas Rathi, Sr member of NiViM initiated a campaign of collection of Rs. 01/day. Godhan premi shown interest in this campaign and collected Rs. 24386/- in three months. Local campaign of Shri Rathijee easily reached to global and Rs. 10000/- sent by Gopremi from Dubai. Such ventures are boosting us to work forever tirelessly.

NiViM planted a super Napier, Chhaya, marvel and Hiramani grass as an organic fodder for cattle. NiViM decided to start a milk collection centre of Deshi cow for regular supply in nearest town / city as an income generation source for rural youths in addition of Gomay products and manure, pesticides to use for alternative/organic/natural farming practices by farmers of these villages. NiViM working in 10 villages to promotion of alternative/organic/natural farming.



Cattle (Godhan) and Training for making of Gramayan Gomay products at NETRAVAN.



Dnyandeep Abhyasika (Study forum for study of competitive examination) : Nisarg Vidnyan Mandal (NiViM) have its admin office cum urban centre at Neelkamal Housing Cooperative Society, BESA, Nagpur. This own premises of 11000 Sq.Ft. Plot have construction area 3000 Sq.Ft. Dnyandeep Abhyasika (study forum) for competitive examination started in 2017. Presently 60 plus students preparing for UPSC, MPSC, Banking and other examinations like NEET, JEE, AIEEE etc are doing self study. Abhyasika is remain open all days from 8.00 AM morning to 9.30 PM daily from Manday to Sunday.

Visit and interaction meet of Dr. Kathole Sir. Building of Dnyandeep in lap of Nature. Dnyandep Study Forum (DSF) have its own library of 3000 plus books including competitive examinations, bnaking, science exhibition, Nature education, activities manual and ancient culture. Books are avilable in english, marathi and hindi language. Reader can register their name in library and will issue a book for reading at home on minimum monthly charges and refundable deposit of Rs.500/-.



Arrangement for study of competitive examinations at DNYANDEEP, Besa, Nagpur

