



NISARG VIDNYAN MANDAL

ANNUAL REPORT FOR APRIL, 2020 TO MARCH, 2021

Introduction

Nisarg Vidnyan Mandal (NiViM) Nagpur conducted overall developmental programs for the tribal belt of forest prone villages on the Muniya Conservation Reserve (MCR) to avoid Man-Animal conflict by implementation of a sustainable agriculture practices with conservation Indian indigenous breed of cows. This practice is started from 2008 and its continue through our people participated project NETRAVAN (i.e **N**ature science **E**ducation, **T**raining and **R**esearch for resilience in **A**gro forestry adventures through **V**oluntary **A**ction **N**etworks) at Khapari (Davha), Ta: Umrer, Dist :Nagpur. Thrust areas of overall development are Forest protection, Water shed management ,wildlife conservation, natural /organic farming for sustainable livelihood of marginal poor stakeholders of rural area. Social awareness and action programs, skills development training to make Gomay products for income generation by rural tribal women ,cattle owner ,animal lover and marginal poor farmers were organised during year financial year 2020-2021.

NiViM also working in urban area of Nagpur in particular to inculcate green thoughts amongst young enthusiastic graduate students interested in competative examination to become administrator in future. NiViM started Dnyandip Abhyasika cum Library of useful for examination of MPSC, UPSC,STI,Banking at NeelKamal Housing Cooperative society , Besa ,Nagpur



40 -45 students using this facility of Nisarg Vidnyan,Dnyandip Abhyasika at BESA

Initiative for Sustainable Agriculture through alternative Farming (InSAF) :- (Team : Dr.Vijay Ghugey, Mrs Kala Rewatkar,Agri.Assistant,Mr.Khandait,Technicsl

expert ,ATMA,Umred taluka,Mr.Sachin Sonavane ,DDM,NABARD,Nagpur Mr Pramod Yadao, Organic farming expert ,NiViM, Nagpur)



Nisarg Vidnayan Mandal (NiViM) is working voluntarily to strengthen the capacity of poor marginal farmers farmers to get them sustainable livelihood by avoiding Man-animal conflict in the forest corridor of Muniya Reserve Forest(MRF) in Umred taluk of Nagpur district. NiViM formed a group of farmers have agriculture land on the fringe of MRF. Recently, It is an area of 9601 Hac(i.e.96.01 Sq.Km) notified as Muniya Conservation Reserve by Govt of Maharashtra on Dec,4th 2020.This notification is result NiViMs continuous follow up to proper management of wild life in the forest and agriculture land by farmers to avoid Mananimal conflict. NiViM organised trainings for farmers from seven

villagesd registereec as a member of Alternative Farming Club(AFC). It registered under ATMA scheme of Agriculture department of Govt. Of Maharashtra. Trainings for preparation of Organic Manure, Herbal pesticides, insecticides,(i.e. Jivamrut,Dasparni Ark, Compost, Ghan Jivamrut organised in Farmers School{FS} at NETRAVAN.



(Farmers meeting in villages and demonstration of manure preparation by NETRAVANs village representative in the farm of AFC members)

Activities in the pandemic to awareness and action to avoid impact of COVID-19 :- (Team : Mr.Dipak Shahu, Mr. Pravin Deshmukh, Dr.Datta Sonegaokar, Mr.Dilip

Chichmalatpure, Dr. Sandip Dharamthok, THO, Umred taluka, Mr. Sunil Kolhe, BDO, Panchayat Samiti, Umred, Mr. Subhash Sanap, Ext. officer GP. Panchayat Samiti, Umred, Dr. Sonali Wankhede, M.O, PHC Makardhokda, Dr. Vijay Ghugey, Convenor, NiViM, Nagpur)

We know very well. A financial year 2020-21 was very much crucial and difficult for out door activities due to attack of Corona. Funding flow was very slow or equal to nill. But, Devoted and dedicated members of NiViM could not stopped their social activities. NiViM spent more than seven lacs from its own funds and local contribution /donations in the form of money and kinds to provide masks, sanitizers, medicines, thermal gun, pulse oxy meter and grocery also.

As per announcement of NITI Ayog and FCRA cell. NiViM responds and implement



given them very seriously and sincerely amongst community. Team of NiViM handover 5000 mask and sanitizing soaps to Umred taluka Health Officer Dr. Sandip Dharamthok for distribution to Aasha workers and paradhi pada villagers. Mr. Kolhe, BDO, Umred, Mr. Subhas Sanap, Ext. Officer (Grampanchayat) and NiViM team members Dr. Vijay Ghugey, Dr. Datta Sonegaonkar, Mr. Dipak Shahu, Mr. Sanjay Wakde were participated in the action programmes held at various villages.

NiViM also distributed the grocery to poor needy labours on the footpath of project area in the Mumbai at Khadakpada, Kombadpada, Bhurkonipada aarey colony, Mumbai and land at Gokul, Paradhi, Gosai community of Umred taluk in Nagpur district



Grocery items distributed for needy poors at adivasi area of aarey cololiny in Mumbai under our project of Tiny miracle ,Hamara Chhota Gram at Khadakpada,Kombadpada, Nukonipada, Mumbai. Grocery items included aata ,rice, dal, sugar, tea powder, soaps, edible oil, salt, spices also distributed to pardeshi community living on the footpath Mumbai central .

Activities carried out for COVID19 as response to NITI Ayog announcement for work of NGO registered under FCRA :

Name of FCRA file number & email of NGO	Details of Govt. office/ officer Approached by Association /NGO	Type of support(like material equipments purchased & distributed ,meetings/gathering ,volunteers added	Place Area of Action/ response	Estimated Amount spent	Duration of support activities (in Weeks)	Details of problems faced	Any Suggestion /solution
01	02	03	04	05	06	07	08
Nisarg Vidnyan Mandal , (NiViM) Nagpur. FCRA file no :u/s6(1) 083870 218 Email : netravanvg@gmail.com	1.District Collector Nagpur 2. District Health Officer 3. Taluka Health Officer, Umred	1.Awareness campaign for wash of Hands by soap with practical. 2. Brain storming session/meetings on terms as social distancing, Personal Hygiene , spread of virus in community 3. Village level activist worked as volunteers with Gov. staff of line department engaged in Korona out break in rural cluster . 4.Mask and sanitizing soap to Aasha Workers	1.Vicinity of Five Gram Panchayats Hamlets & Villages Includes are Davha, Sayaki, Dahegaon Champa, Udas, Wdad & Makardhokda of Umred taluka in Nagpur District. 2.Mask and sanitizing soap to NMC Safai kamgar and some police bandhu	April 2020 Rs. 63000.00 Estimated time 02 week	From 5 th to 14 ^h April 2020. (This Campaign Will be in Continuation Up to stop / eradicate an Impact of Covid-19 Spreading In Community)	1.People are not aware about illness and harmful impact of Korona. 2. The words, Social distancing or actual need of use of mask , Lockdown Doesn't Familiar Amongst Rural community	Grass root level Awareness for personal hygiene and primary education of public health action is need of hour.

Nisarg Vidnyan Mandal, (NiViM) Nagpur. FCR A file no :u/s 6(1) 083 870 218 Email : netravanvg@gmail.com	4. Block Development Officer, Umred 5. Sarpanch of & Gramsewak of Umred taluk Villages 6. Community head of Khadakpada Kombadpada Bujwanpada Near Aarey Colony Mumbai 7. .Gopal, Paradhi, Gosai Community of umred taluk in the villages of Barvha, Fahegaon, Khapari,, Davha, Makardhokda etc	1. Distribution of dry food items of wheat and pulses ,Rice, salt, chilly & turmeric powder,oil pouch to needy poor landless labour in Umred & kuhi taluk tribal villages in Nagpur district 2.Distribution of Grocery, food items to needy poor People at tribal Padas around Array and Borivali National Park area. 3.Distribution of Biscuits pockets, water bottle to migratory labour travelling without vehicle in groups .	1.Migratory community hamlets Hamlets & Villages Includes in GP of Davha, Dahegaon Mangli, Sasegaon of Umred & Kuhi taluk in Nagpur District. 2.Khadakpada, Kombadpada Bujwanpada Near Aarey Colony Mumbai 3. Migratory labour travelling without vehicle in groups on the ring road/ National highway near & outside of Nagpur	Updated expenses as on Rs. 148000.0 (one Lakh Forty Eight thousand) (Its include Expenses of this month is Rs 850000.0)	From Last week of April-2020 to 14th May 2020. (This Campaign Will be in Continuation Up to stop / eradicate an Impact of Covid-19 Spreading In Community)	1.People are hungry . 2. The Have no work ,hence no payments to fulfil day to day needs of bread and Butter.	To start of Immediate work at their village, hamlet in concern of farm and rural development is need of hour.
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Details of the food grains given in grocery kit are as follows,

Medicines ,handgloves, sanitizer and medicare equipments donated to PHC Makardhokada for distribution in two sub centres and six villages through Aasha worker to minimize impacts of COVID-19 pandemic in the June-2021.



Medicine kits for COVID-19 pandemic given to Makardhokada PHC, Health officer by NiViM

Water conservation to enhance the yield of the crops :- (Team :Mr.Dipak Shahu,Shankar Arabat,Keshaorao Neware, Praful Tambore, Chetan sahare,Ramesh Masram)

NiViM working to inculcate the sense of natural resources conservation and management amongst the rural stakeholders by participation of community. Water is very important commodity .In the financial year 2020-2021,NiViM built two Gabian Bandhara on the Nallah already flowing from Khapari to Davha. In the rain of July-2020, more than 15 lacks litre water stored in this bandhara.



Impact of Water collected in the first rain due to construction of Gabian Bandhara.

NiViM developed and maintaining a natural water hole / streams on the fringe of MCR participation of local farmers .But, most of the time ,their is water scarcity in maximum part of the

forest and farms also. So, to avoid these difficulties .In the summer of May 2021 , A team of NiViM made arrangement of artificial water hole and provide a water by water tanker to quench a thirst of wildlife, cattle and strangers in the vicinity of NETRAVAN. Gramayan Pratishatan supported to overcome the issue of water scarcity tackled by Nisarg Vidnyan Mandal((NiViM).



Eco Friendly Ganesh Idol and other Gomay paroducts making and marketing workshops

:- (Team : Mr. Sanjay Saraf, Mr. Anil Sambre, Dr. Vijay Ghugey, Mr. Mahesh Bokade, Mrs. Pallavi Bujone, Mrs. Jyoti Kapkar, Mr. Sachin Edlabadkar, Mr. Pramod Mishra, Mrs. Vanita Sirsam)

Nisarg Vidnyan Mandal (NiViM) organized trainings to make eco friendly Ganesh idol by use of panchgavy and gomay at Dnyandip Abhyasika, Besa. young entrepreneurs and devotees participated in the workshop. Key note address and concept behind the workshop explained by Dr. Vijay Ghugey , Mr Mahesh Bokde, Expert in idol making mould designer shown practical of idol making by use of mould and gomay premix. These idols made by participants sold out to devotees.



Idols of Shri Ganesh made and coloured by participants in the workshop at Besa

नागपुरात स्थापन होणार 'गोमय गणेश'; बुटीबोरीत उभारणार निवासी कार्यशाळा

अनुरूप पेंढारकर | नागपूर

गोमेशासब म्हणजे चौक्याचे, अन्नाचे अन्न उपासाचे पर्व, यंदा या उत्सवावर कोरोनाचे खटल असले तरी प्रत्येक जण तिलाचच सविधानाने गोमेशाची आराधना करतात असे निर्मिती, भाव, प्रत्येकदा गोमेशाची गोमेशाची बजावलेले वस्त्राचे शब्द हवे तसे जमवले नाही. याच अनुषंगाने ग्रामाच्या प्रतिष्ठान व निवासी विज्ञान मंडळाने महानगराचे गोमय गोमेशाची निर्मितीची प्रशिक्षण कार्यशाळा अहोरात्र केलेली होती. त्याच निर्मिती गोमेशाची प्रतिष्ठाना करणारा

गोमय असल्याची माहिती निवासी विज्ञान मंडळाने विज्ञान पुर्णे व ग्रामाच्या प्रतिष्ठानचे अन्नल खंभे यांनी दिली. या कार्यशाळेत सुमारे ५० ते १५ मूली तयार करण्यात आल्या आहेत.

आजच्या पंडीला बाजलेलेट मिळणाने बुट्यांम गोमेशाची मातीच्या असल्याचे सांगून विज्ञाना जाणता. भाव, विमर्शानंतर त्यातील स्फुटा काढले. निव्वळ अशा मूलीची उत्सवमूली म्हणून स्थापना राखवसंत नाही 'गोमय घरासे लक्ष्मी' असे म्हणतात. गव्हापासून मिळणारी प्रत्येक गेष्ट ही मातयेची जीवन सुकर करण्यासाठी

लाभदायक आहे. महानगर अल्पमा देतात गावीला माता म्हणून मान मिळाली तो वायुलेच. गावीचे रोप, गोमय अन्नाचे पंचगव्य हे अन्नक टुटने लाभदायक आहे. या गोमयापासून विविध वस्तु तयार करण्याचा प्राल अन्नकट्टीन केला जात आहे. याना सुरू असलेली कोरोनाच्या प्रत्येक कप्ता असलेल मातीची गोमामूली रोपणो सुमान्य महानगरा जरासे अवघड आहे. महान घरीच गोमामूली तयार करून त्याची प्रतिष्ठाना करण्याचे व उत्सवसंत ती परीच विस्तीर्ण करण्याचे अवाहन ग्रामाच्या प्रतिष्ठानाचे अन्नल खंभे यांनी केले आहे.

श्रीची मूर्ती घेण्यासाठी प्रत्येकाला बाजारात जाणे जमणार नाही हे लक्षात घेऊन राखवला उपक्रम

बुटीबोरीत लवकरच गोमय वस्तु निर्मिती कार्यशाळा उभारणार

नागपूरपासून ५० किमीनेली बुटीबोरी एम.आर.डी.तील लवकरच गोमय वस्तु निर्मितीची कार्यशाळा उभारण्यात येणार असून तिचे चार ते पाच मास लवकरच येणार आहेत. त्याद्वारे गोमय कुंड्या, पाण्या तसेच मूली तयार करण्यात येणार आहेत. दिवाळीत पुजेसाठी लावण्यात येणारी मातीची मूर्ती तयार करण्यात येणार आहे. भारतीयना स्वदेशी वस्तु तयार पावत उपलब्ध करून देणार असल्याचे खंभे यांनी सांगितले.

अशी खटे पर्यावरणपूरक गोमय गणेशमूर्ती

गोमय गणेशमूर्ती तयार करताना गाईचे रोप, गोमय व गाईचे माती हे मुख्य पदक असतात. तसेच दुधा, तूप, मुळतऱे माती, गेरू, काजळी, नीळ, हळद, कुंकू यांसाठी उपयुक्त मूली घडवताना करण्यात येतो. गोमय गणेशमूर्ती या रॉस्टर ऑफ फॅक्टरी चांगला पर्वीच असून या मूर्ती पर्यावरणपूरक असतात.

ऑनलाइन कार्यशाळांचे आयोजन

निवासी विज्ञान मंडळाने सर्वसाधारणपणे जून-जुलै महिन्यात वारंवार कार्यशाळांचे आयोजन केले आहे. अनेकदा पद्धतीने होणान्या या कार्यशाळात आजवर दोडणे कुटुंबांनी सहभाग नोंदवला असून याअंतर्गत तीन ते चार होंवाच गोमय गणेशमूर्ती तयार करण्याचे निष्पत्ती प्रशिक्षण देण्यात आले. विशेष महाने



NiViM started Gramayan Gomay Koushlyvikas Prashikshan Ani Vastu Nirmiti Kendra at NETRAVAN, Khaari (Davha), Ta Umred, Dist :: Nagpur. Monthly trainings for prepreparation of Gomay Products organised here in Octo 2020 to March -2021 regularly .Total 458 members were participated in the workshop from various districts of Maharashtra.12 Participants were from out of Maharashtra. 98 women from the villages of NETRAVAN vicinity (i.e Jambhlapaani,Khapari, Sindhivihiri,Jamgad, Murzadi, Khairee, Bhivgad, Amgaon-devali) were made 16 different products by use of Panchgavvy. These products promoted and marketed by Women Self help Group(SHG) and volunteers of Nisarg Vidnyan Mandals ,Nagpur in urban localities and shops..



SHG members , Krushi sakhi, Pashu sakhi are cadres of Maharashtra State Rural Livelihood Mission (MSRLM) governed by taluk level administration of Umred taluka sent there village level representative women member for one day exposure visit at NETRAVAN, Mr. Thakare . AO Umred taluk organised this visit and trainings at NETRAVAN .

Gramayan Gomay Koushalya Vikas Kendra (GGKVK),at NETRAVAN inaugurated by Shri Ajitjee Mahapatra, Convenor,Akhil Bhartiya Gusewa Sangh,Waranashi on the eve of Rastra Sant Tukdoji Maharaj Jayanti on 11 October 2020. Gift hampers of Gramayan Gomay (brand name) made by tribal women under guidance and management of Nisarg Vidnyan mandal(NiViM) released by the hand of Hon.Shri Nitinji Gadkari,Minister for MSME,Road transport ,Govt of India in the golden evening of Diwali festival



Nature Science and Eco Education for students & Nature lovers :-

(Team : Dr.Vijay Ghugey, Prof. Vivek Wagh,Dipak Shahu, Chetan Shrikhande, Prashant Waje, Chetan Sahare,Shankar Arbat, Rupesh Neware)

Nisarg Vidnyan Mandal(Organizing activities of informal education through practical to solve an academic educational questions .From last five years an average foot fall per annum at NETRAVAN was 4500 to 5000 persons . But , in the academic year 2020-2021 is decreased due to COVID-19 pandemic impact, Schools ,colleges were closed during lockdown . Due to pandemic , ecotourism and all other places were closed as per Govt. Orders. But, small groups of 10 to 15 persons, one or two families visited to NETRAVAN with maintaining all rules of sanitization, mask and social distance.Mr.Chetan Shrikhande a trained Mountaineer expert conducting all activities of adventures, Nature trails, Nature games, Archeries, Rifle shooting, zip line , Burma bridge commando bridge, body balancing bridge etc.Mr. Dipak Shahu conducting all activities of Natural farming, preparation of herbal insecticides, pesticides, manures etc. Mr.Wasudeo Mohadikar is taking all basic science based experiments,activities from low cost, no cost materials etc.

Prof.Vivek Wagh had been taken classes of maths & English for Z P schools students at tribal village Jambbhlapani, Ta Umred, Dist .Nagpur during COVID-19 pandemic situation .Because most of the parents doesn't have mobile for online and proper network also.



Dr Vijay Ghugey conducted an activities of Nature awareness, information about working of Biogas plants and its use to generate electricity ,fuel for kitchen gas etc.



Movement of Muniya Conservation Reserve :- (Team : Dr.Vijay Ghugey,, President, NiViM, Mr,Praull bhamburkar,Regional Director,Wildlife Trust of India,Mr.Ananad Totewar,Mr.Vijay Pinjarkar,Journalist, Mr.Surbha Kangale,Police Patil & Village activist,Jambhlapani ,Mr.Shivram Ghonge,Village,Davha, activist,Mr.Dipak Shahu,Coordinator NiViM,Mrs. Papita Kolhe,CRP, Amgaon Devali,Mrs.Lalita Meshram,CRP, Murzadi ,Mrs.Chitra Kumare,CRP,Sindivihiri and all local staff of forest department from Butibori and North Umred range of Nagpur Division)

NiViM is working voluntarily for implementation of Government programmes in the community very force fully to get successive impact of rural development. NiViM followed a most ambitious project of notification of Muniya Reserve Forest (MRF) a corridor for wildlife movement as a Muniya Conservation Reserve (MCR) since 2007. To get successive participation of community from 30 villages located on the fringe of MRF.NiViM organised lot of activities in association with line departments in general and forest department in particular.The regular and coordination between community members and forest department to get a status of MCR by NiViM. On Dec,4th 2020 ,State Wildlife Board sanctioned a proposal of MRF and notified an area of 9601 Hac(i.e.96.01 Sq. Km) as a Muniya Conservation Reserve(MCR). It is 9th Conservation reserve in Maharashtra and 3rd in Vidarbha.

This one most important success story of NiViM activism for conservation of wildlife , protection forest with community participation. This mile stone in the field of forest conservation inspiring the all team members and community leader from this vicinity to work together for sustainable development of this area. The next step will be publication of this notification in Govt Gazette . After the publication management action will be carried out for over all development of villages on the fringe and growth of flora, fauna,avifauna in the vicinity forest and agriculture also.